

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092922\
 Data File : VN074652.D
 Acq On : 29 Sep 2022 13:57
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Sep 30 07:07:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092922W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 30 07:05:22 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/30/2022
 Supervised By : Mahesh Dadoda 10/05/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.927	168	377728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.821	114	687497	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.615	117	697449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.545	152	378200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.286	65	50029	5.285	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.560%#		
35) Dibromofluoromethane	7.857	113	37961	5.217	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.440%#		
50) Toluene-d8	10.304	98	151915	4.963	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.920%#		
62) 4-Bromofluorobenzene	12.604	95	47328	4.876	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.760%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.998	85	39449	4.989	ug/l	85
3) Chloromethane	2.216	50	58899	5.091	ug/l	96
4) Vinyl Chloride	2.357	62	87024	5.181	ug/l #	82
5) Bromomethane	2.716	94	68005	5.860	ug/l	99
6) Chloroethane	2.887	64	70433	5.456	ug/l	95
7) Trichlorofluoromethane	3.234	101	62890	5.384	ug/l	99
8) Diethyl Ether	3.675	74	30947	5.584	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.045	101	37136	5.335	ug/l #	88
10) Methyl Iodide	4.251	142	42615	5.153	ug/l #	84
11) Tert butyl alcohol	5.175	59	79205	31.329	ug/l #	87
12) 1,1-Dichloroethene	4.016	96	38386	5.441	ug/l	90
13) Acrolein	3.881	56	35502	32.496	ug/l	88
14) Allyl chloride	4.651	41	76740	5.036	ug/l	95
15) Acrylonitrile	5.351	53	153539	25.737	ug/l	97
16) Acetone	4.122	43	140974	27.591	ug/l	94
17) Carbon Disulfide	4.351	76	112553	5.467	ug/l	95
18) Methyl Acetate	4.663	43	88408	5.055	ug/l	93
19) Methyl tert-butyl Ether	5.410	73	142551	5.294	ug/l	98
20) Methylene Chloride	4.904	84	53349	5.501	ug/l #	92
21) trans-1,2-Dichloroethene	5.404	96	41094	5.332	ug/l	96
22) Diisopropyl ether	6.298	45	167821	5.414	ug/l #	94
23) Vinyl Acetate	6.239	43	718321	26.364	ug/l	94
24) 1,1-Dichloroethane	6.186	63	85549	5.408	ug/l	93
25) 2-Butanone	7.157	43	239670	27.505	ug/l	95
26) 2,2-Dichloropropane	7.145	77	71967	5.350	ug/l	100
27) cis-1,2-Dichloroethene	7.151	96	51923	5.508	ug/l	98
28) Bromochloromethane	7.480	49	36239	5.045	ug/l #	69
29) Tetrahydrofuran	7.516	42	148126	25.764	ug/l #	85
30) Chloroform	7.645	83	76639	5.257	ug/l	87
31) Cyclohexane	7.933	56	92247	5.998	ug/l	95
32) 1,1,1-Trichloroethane	7.845	97	63318	4.949	ug/l #	90
36) 1,1-Dichloropropene	8.057	75	61378	5.267	ug/l	95
37) Ethyl Acetate	7.245	43	86674	5.016	ug/l #	94
38) Carbon Tetrachloride	8.045	117	56645	5.306	ug/l	87
39) Methylcyclohexane	9.316	83	77471	5.325	ug/l	91
40) Benzene	8.304	78	189688	5.281	ug/l	99

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Instrument :
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 VSTDICC005

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092922W.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.463	41	40791	5.403	ug/l #	80
42) 1,2-Dichloroethane	8.380	62	61910	5.131	ug/l	94
43) Isopropyl Acetate	8.416	43	137320	4.980	ug/l #	95
44) Trichloroethene	9.074	130	40925	5.469	ug/l	91
45) 1,2-Dichloropropane	9.351	63	51507	5.267	ug/l	99
46) Dibromomethane	9.433	93	32151	5.216	ug/l #	82
47) Bromodichloromethane	9.627	83	63534	5.274	ug/l	96
48) Methyl methacrylate	9.427	41	55769	4.908	ug/l #	89
49) 1,4-Dioxane	9.433	88	21553	99.448	ug/l	92
51) 4-Methyl-2-Pentanone	10.198	43	451149	25.859	ug/l	89
52) Toluene	10.374	92	108856	5.019	ug/l	94
53) t-1,3-Dichloropropene	10.592	75	70755	5.182	ug/l	99
54) cis-1,3-Dichloropropene	10.051	75	78165	5.196	ug/l	99
55) 1,1,2-Trichloroethane	10.774	97	42936	4.912	ug/l	94
56) Ethyl methacrylate	10.633	69	79181	5.252	ug/l #	90
57) 1,3-Dichloropropane	10.915	76	81218	5.250	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.910	63	147634	23.983	ug/l	90
59) 2-Hexanone	10.963	43	336841	25.547	ug/l	89
60) Dibromochloromethane	11.110	129	41619	4.949	ug/l	98
61) 1,2-Dibromoethane	11.215	107	45602	5.324	ug/l	98
64) Tetrachloroethene	10.845	164	32324	5.482	ug/l	90
65) Chlorobenzene	11.639	112	110754	5.307	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.715	131	43075	5.786	ug/l	93
67) Ethyl Benzene	11.721	91	212945	5.454	ug/l	98
68) m/p-Xylenes	11.827	106	152899	10.341	ug/l	96
69) o-Xylene	12.151	106	79887	5.375	ug/l	99
70) Styrene	12.168	104	121857	5.141	ug/l	99
71) Bromoform	12.333	173	29465	4.936	ug/l #	95
73) Isopropylbenzene	12.451	105	194883	5.501	ug/l	98
74) N-amyl acetate	12.268	43	119481	5.505	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.704	83	73538	5.455	ug/l	97
76) 1,2,3-Trichloropropane	12.757	75	70851m	7.211	ug/l	
77) Bromobenzene	12.727	156	39193	5.164	ug/l	73
78) n-propylbenzene	12.798	91	221133	5.411	ug/l	96
79) 2-Chlorotoluene	12.880	91	134007	5.457	ug/l	95
80) 1,3,5-Trimethylbenzene	12.933	105	150754	5.332	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.498	75	24032	5.310	ug/l	98
82) 4-Chlorotoluene	12.974	91	121106	5.299	ug/l	99
83) tert-Butylbenzene	13.198	119	135845	5.380	ug/l	95
84) 1,2,4-Trimethylbenzene	13.245	105	153926	5.452	ug/l	98
85) sec-Butylbenzene	13.374	105	189106	5.330	ug/l	95
86) p-Isopropyltoluene	13.492	119	144379	5.136	ug/l	100
87) 1,3-Dichlorobenzene	13.486	146	72528	5.267	ug/l	97
88) 1,4-Dichlorobenzene	13.568	146	79590	5.655	ug/l	97
89) n-Butylbenzene	13.815	91	129418	5.219	ug/l	94
90) Hexachloroethane	14.086	117	34461	5.697	ug/l	61
91) 1,2-Dichlorobenzene	13.862	146	76111	5.296	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.480	75	14162	5.214	ug/l	91
93) 1,2,4-Trichlorobenzene	15.127	180	34523	5.377	ug/l	97
94) Hexachlorobutadiene	15.233	225	17380	5.531	ug/l	98
95) Naphthalene	15.362	128	132913	5.291	ug/l	99
96) 1,2,3-Trichlorobenzene	15.550	180	33812	5.290	ug/l	95

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Manual Integrations

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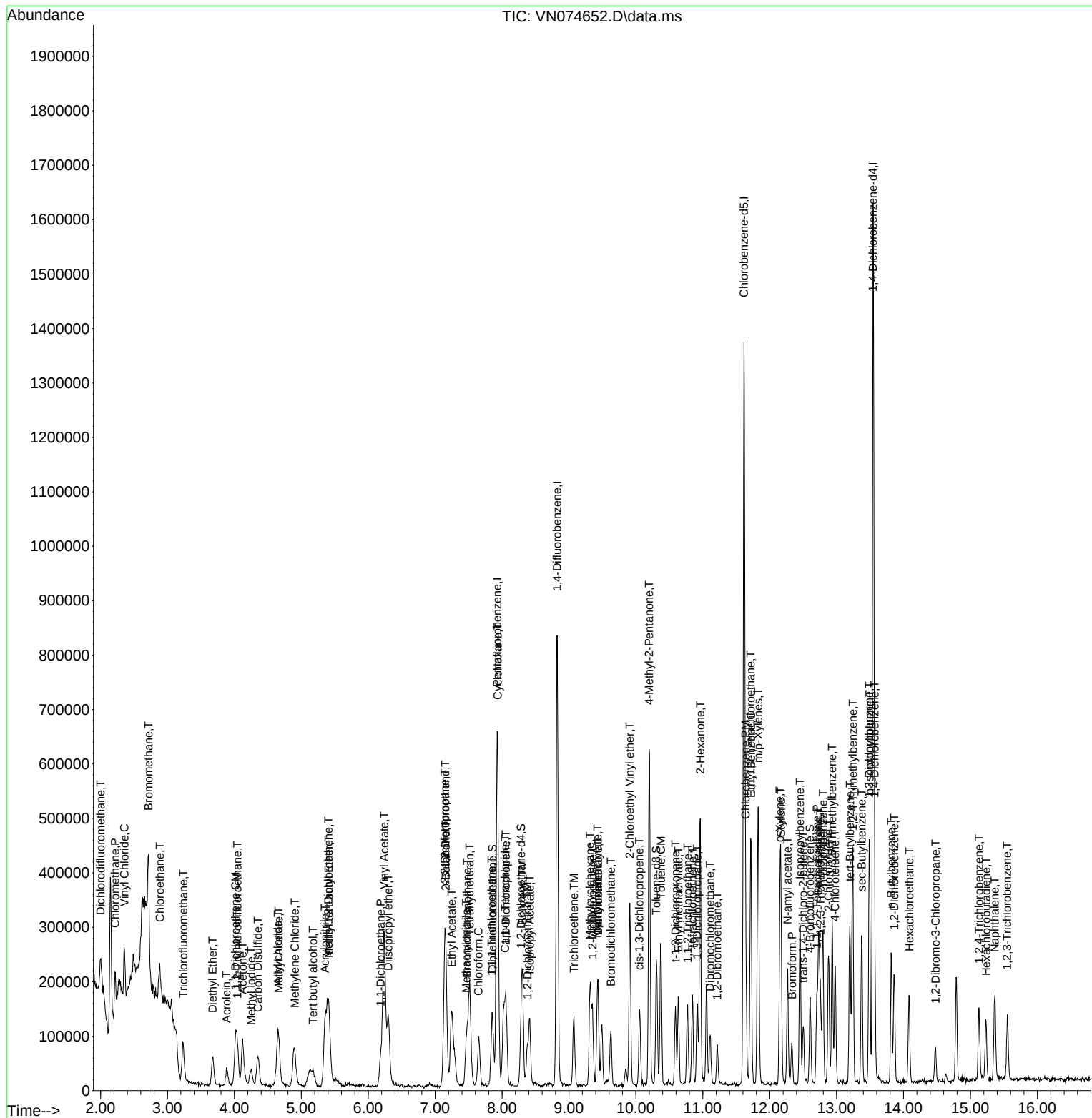
Quant Time: Sep 30 07:07:47 2022

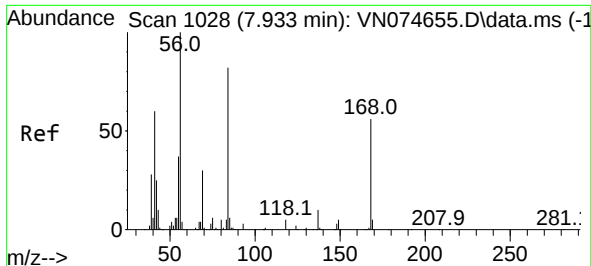
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Quant Title : SW846 8260

QLast Update : Fri Sep 30 07:05:22 2022

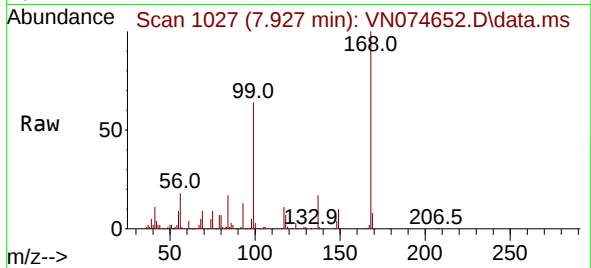
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.927 min Scan# 1027
Delta R.T. -0.006 min
Lab File: VN074652.D
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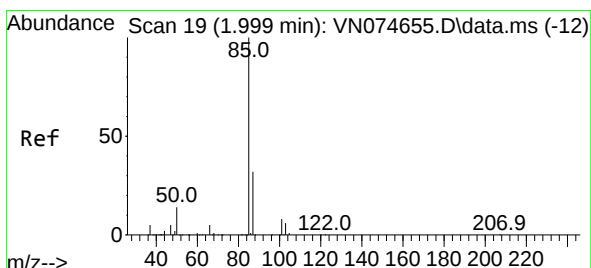
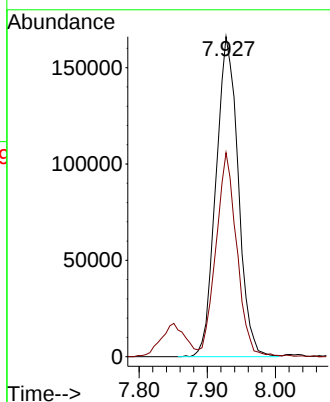
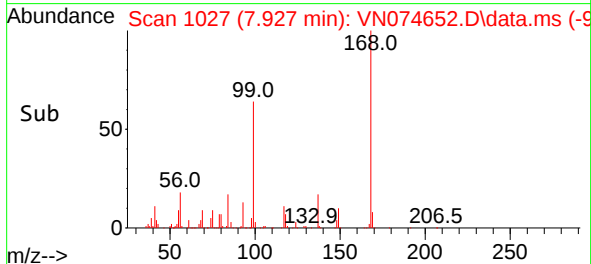
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion:168 Resp: 377728
Ion Ratio Lower Upper
168 100
99 63.4 42.3 63.5

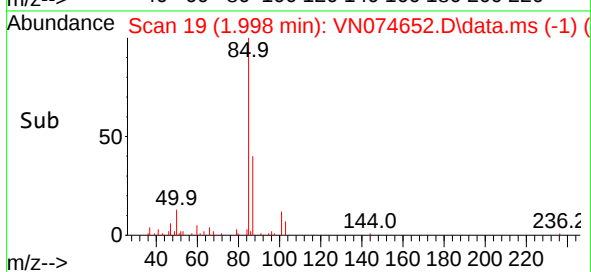
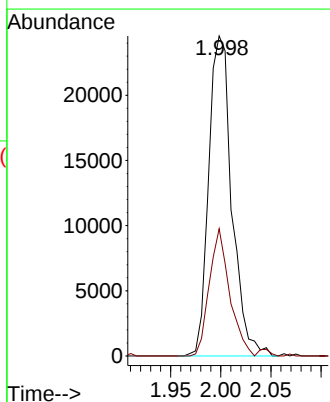
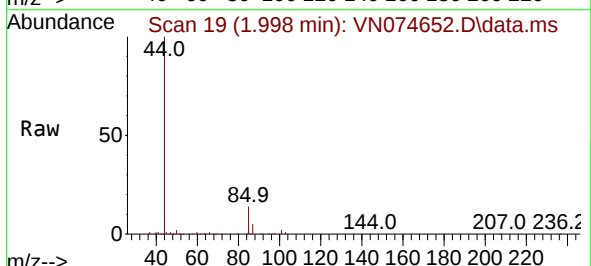
Manual Integrations
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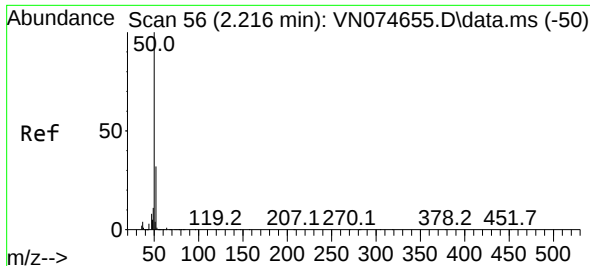
Reviewed By :John Carlone 09/30/2022
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#2
Dichlorodifluoromethane
Concen: 4.989 ug/l
RT: 1.998 min Scan# 19
Delta R.T. -0.000 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

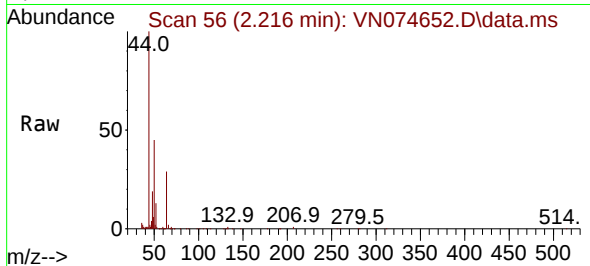
Tgt Ion: 85 Resp: 39449
Ion Ratio Lower Upper
85 100
87 39.7 15.7 47.1





#3
Chloromethane
Concen: 5.091 ug/l
RT: 2.216 min Scan# 50
Delta R.T. -0.000 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

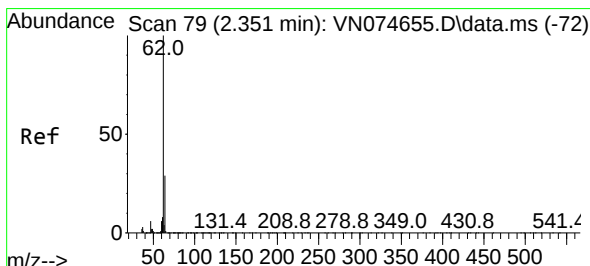
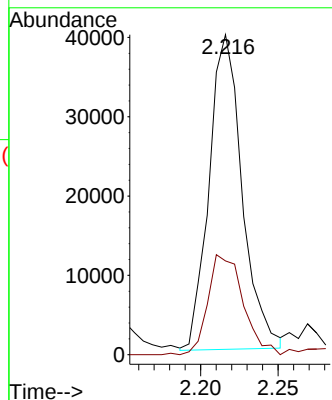
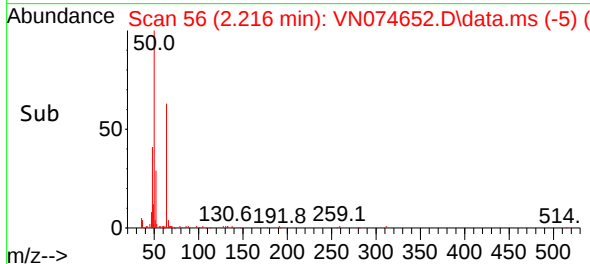
Instrument :
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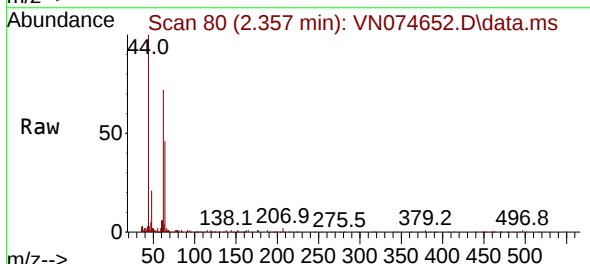
Tgt Ion: 50 Resp: 5889
Ion Ratio Lower Upper
50 100
52 29.9 25.7 38.5

Manual Integrations
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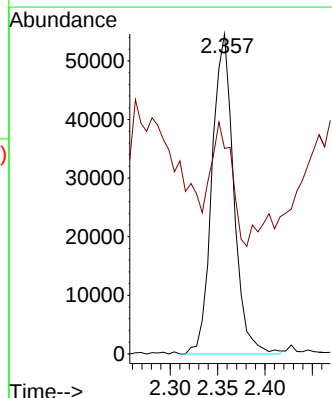
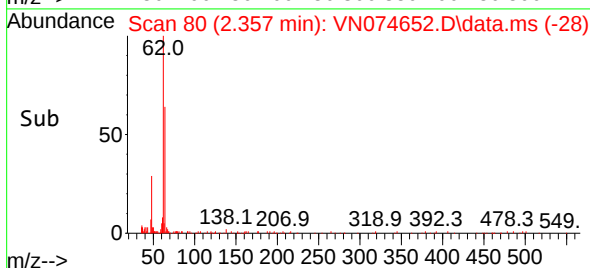
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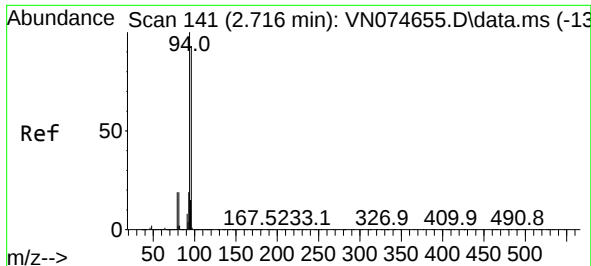


#4
Vinyl Chloride
Concen: 5.181 ug/l
RT: 2.357 min Scan# 80
Delta R.T. 0.006 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57



Tgt Ion: 62 Resp: 87024
Ion Ratio Lower Upper
62 100
64 21.3 25.0 37.4#





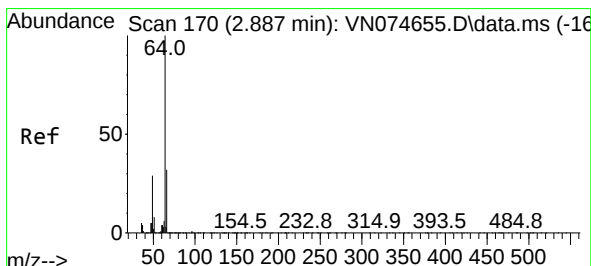
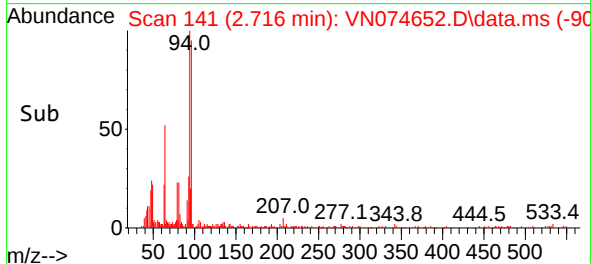
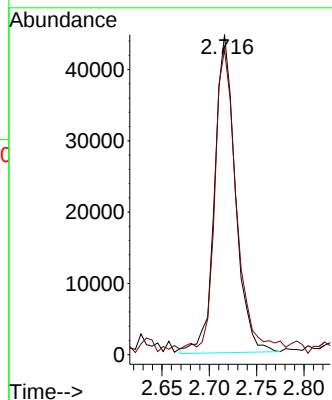
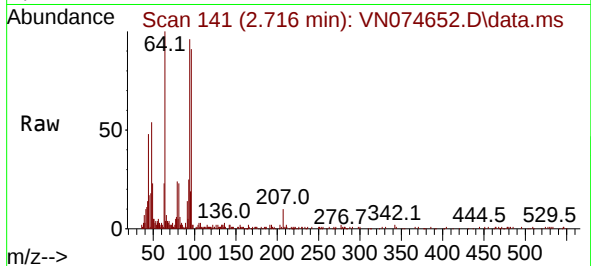
#5
Bromomethane
Concen: 5.860 ug/l
RT: 2.716 min Scan# 141
Delta R.T. -0.000 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 6800
Ion Ratio Lower Upper
94 100
96 94.4 76.0 114.0

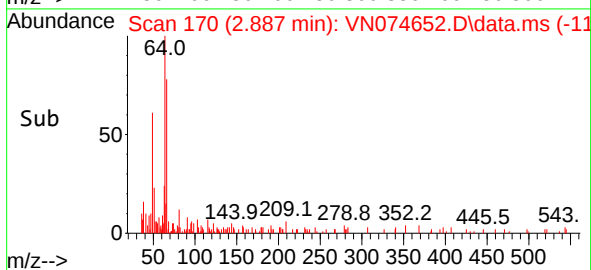
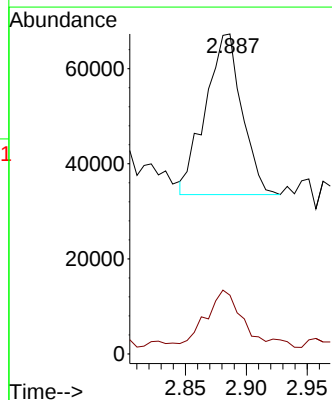
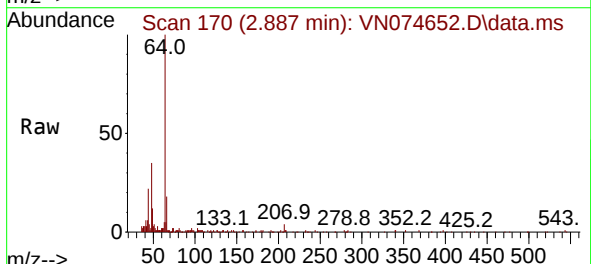
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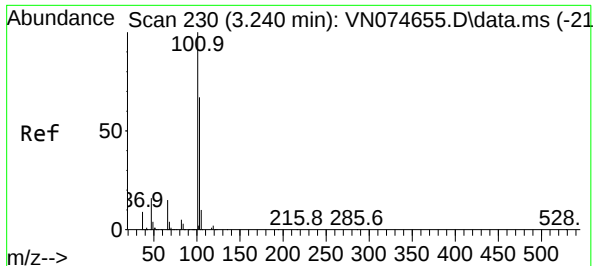
Reviewed By :John Carlone 09/30/2022
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#6
Chloroethane
Concen: 5.456 ug/l
RT: 2.887 min Scan# 170
Delta R.T. -0.000 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

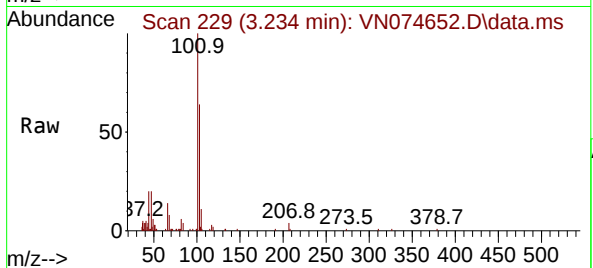
Tgt Ion: 64 Resp: 70433
Ion Ratio Lower Upper
64 100
66 30.0 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 5.384 ug/l
 RT: 3.234 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN074652.D
 Acq: 29 Sep 2022 13:57

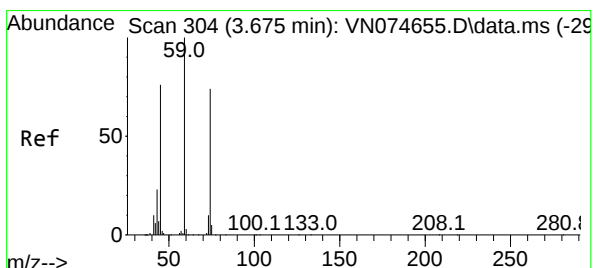
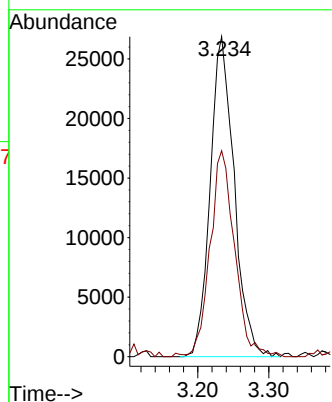
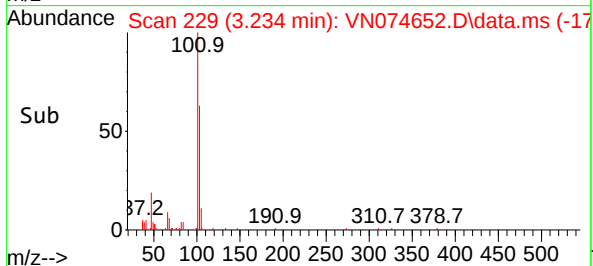
Instrument :
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Tgt Ion:101 Resp: 62890
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.5 77.3

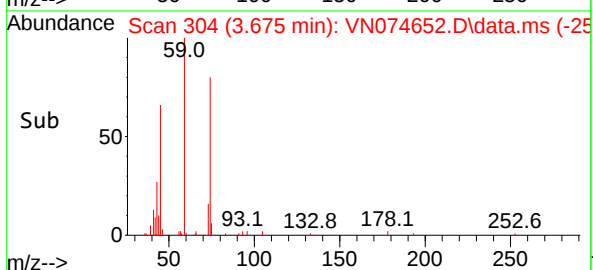
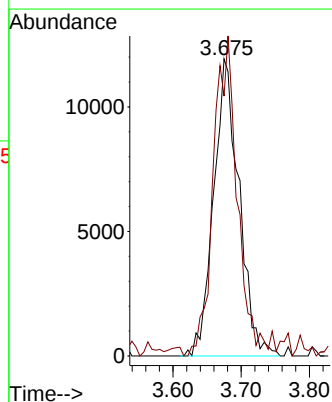
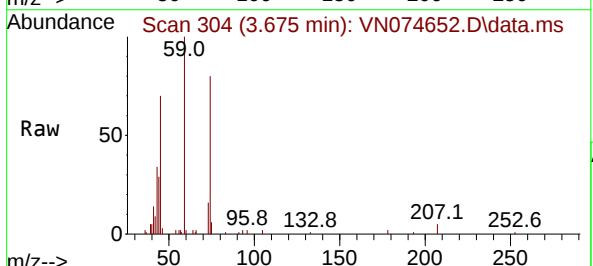
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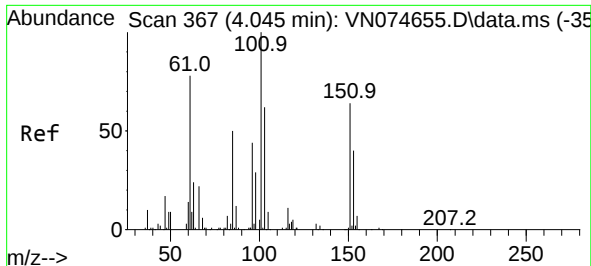
Reviewed By :John Carlone 09/30/2022
 Supervised By :Mahesh Dadoda 10/05/2022



#8
 Diethyl Ether
 Concen: 5.584 ug/l
 RT: 3.675 min Scan# 304
 Delta R.T. -0.000 min
 Lab File: VN074652.D
 Acq: 29 Sep 2022 13:57

Tgt Ion: 74 Resp: 30947
 Ion Ratio Lower Upper
 74 100
 45 101.1 42.9 128.5





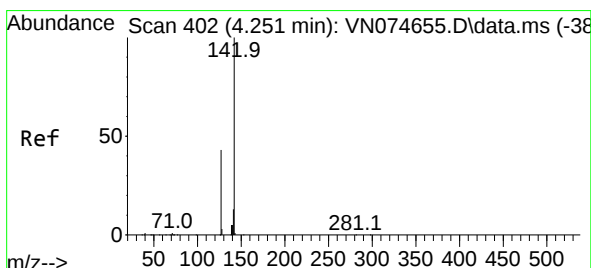
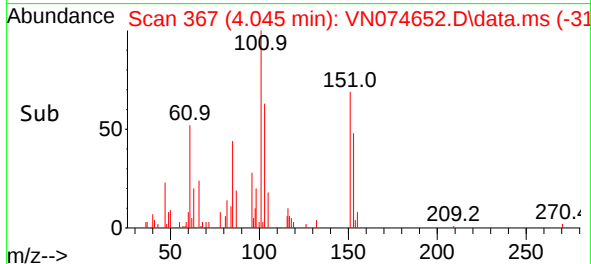
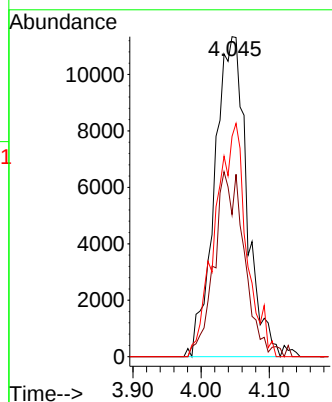
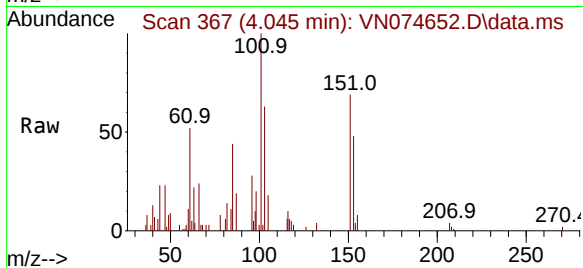
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.335 ug/l
RT: 4.045 min Scan# 367
Delta R.T. -0.000 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 37130
Ion Ratio Lower Upper
101 100
85 54.3 34.7 52.1
151 71.1 63.0 94.4

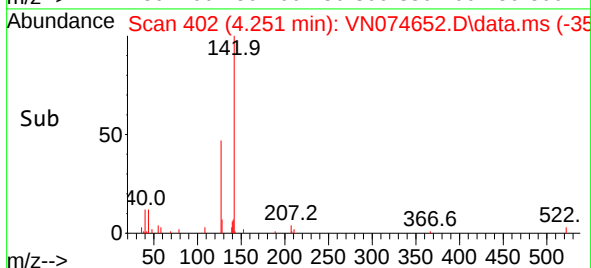
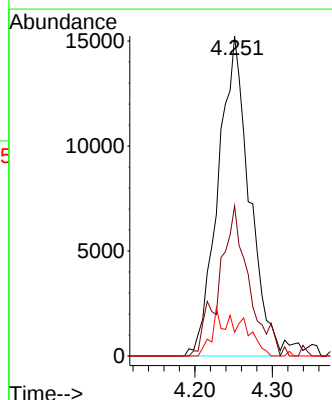
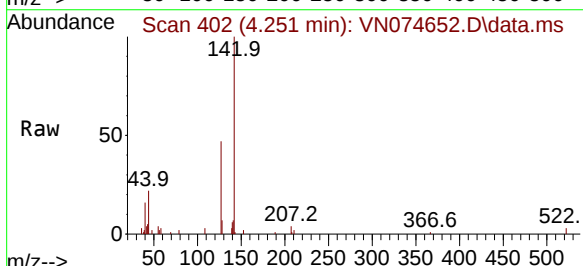
Manual Integrations
APPROVED

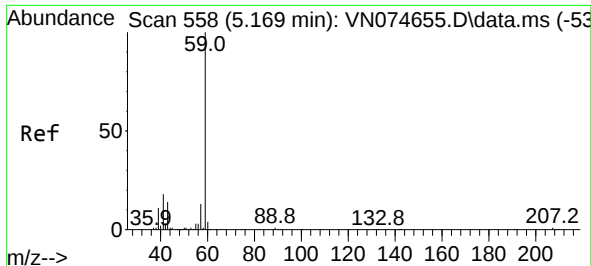
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#10
Methyl Iodide
Concen: 5.153 ug/l
RT: 4.251 min Scan# 402
Delta R.T. -0.000 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

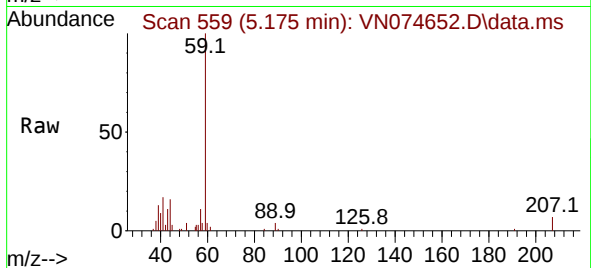
Tgt Ion:142 Resp: 42615
Ion Ratio Lower Upper
142 100
127 45.1 31.3 46.9
141 0.0 11.2 16.8#





#11
Tert butyl alcohol
Concen: 31.329 ug/l
RT: 5.175 min Scan# 511
Delta R.T. 0.006 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

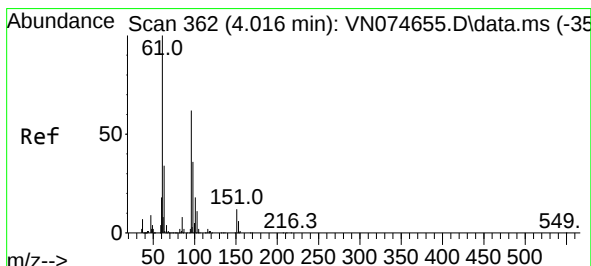
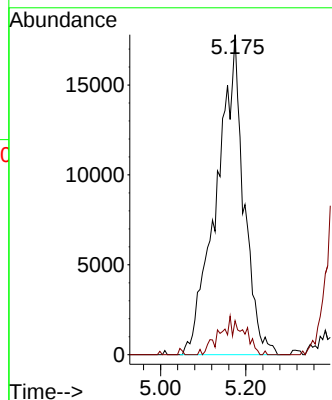
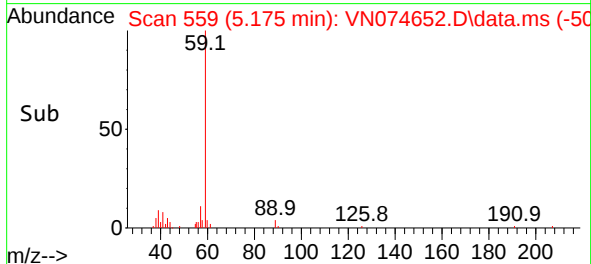
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



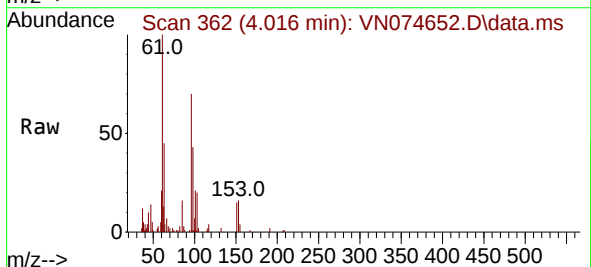
Tgt Ion: 59 Resp: 7920
Ion Ratio Lower Upper
59 100
57 5.6 8.3 12.5

Manual Integrations
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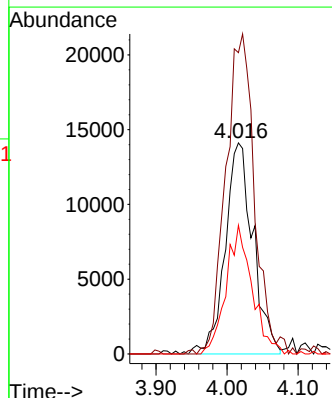
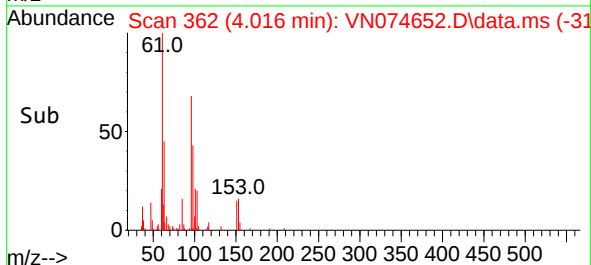
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

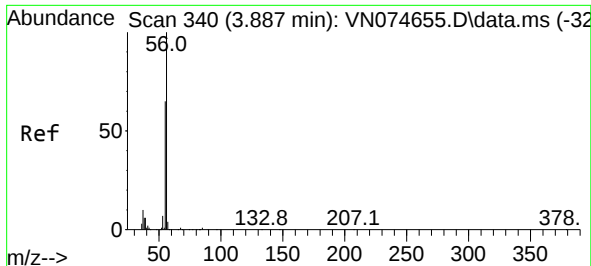


#12
1,1-Dichloroethene
Concen: 5.441 ug/l
RT: 4.016 min Scan# 362
Delta R.T. -0.000 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57



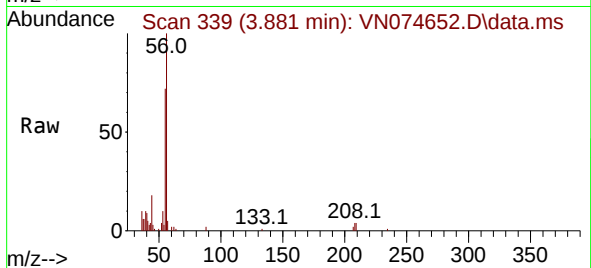
Tgt Ion: 96 Resp: 38386
Ion Ratio Lower Upper
96 100
61 142.7 127.6 191.4
98 60.9 51.2 76.8





#13
Acrolein
Concen: 32.496 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

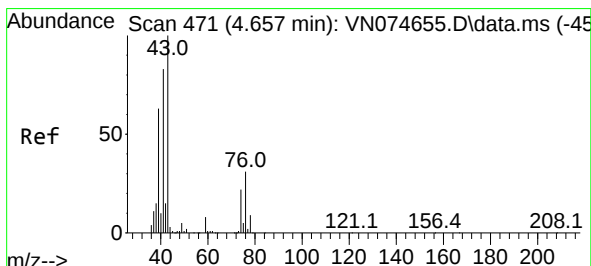
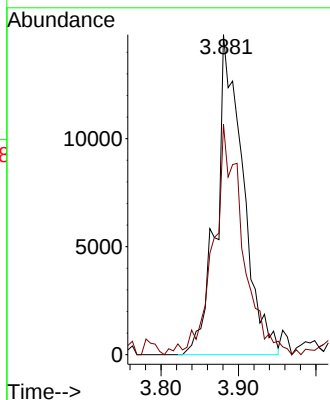
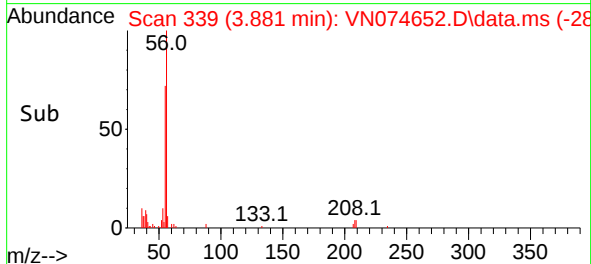
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 56 Resp: 3550
Ion Ratio Lower Upper
56 100
55 78.3 54.8 82.2

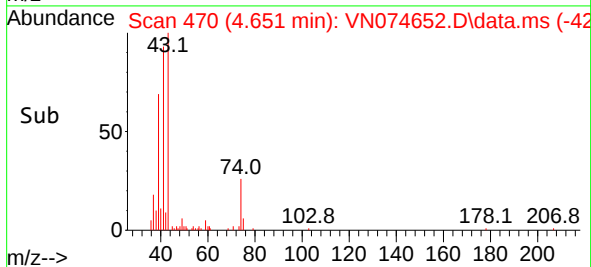
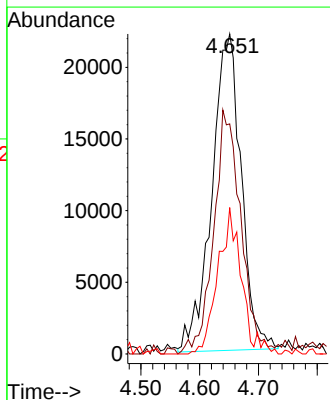
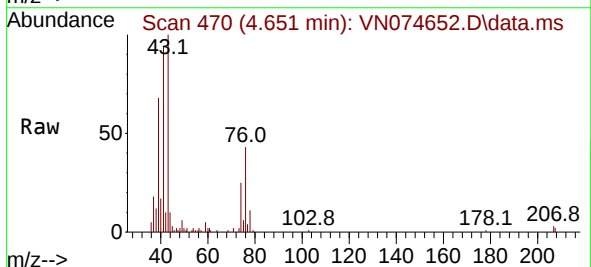
Manual Integrations
APPROVED

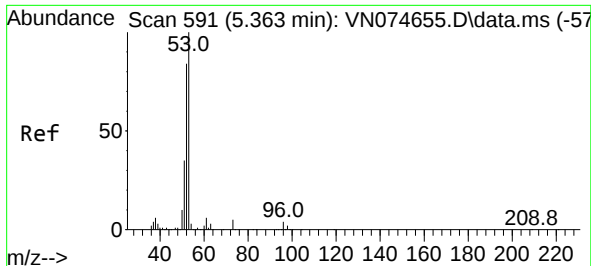
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#14
Allyl chloride
Concen: 5.036 ug/l
RT: 4.651 min Scan# 470
Delta R.T. -0.006 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

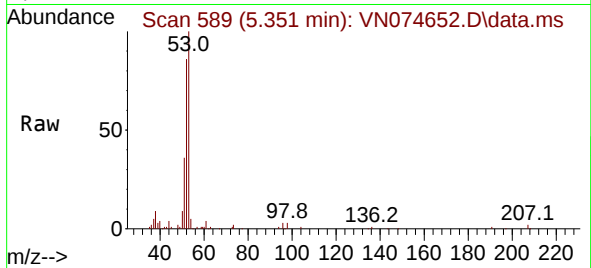
Tgt Ion: 41 Resp: 76740
Ion Ratio Lower Upper
41 100
39 71.2 53.2 79.8
76 35.3 29.9 44.9





#15
Acrylonitrile
Concen: 25.737 ug/l
RT: 5.351 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

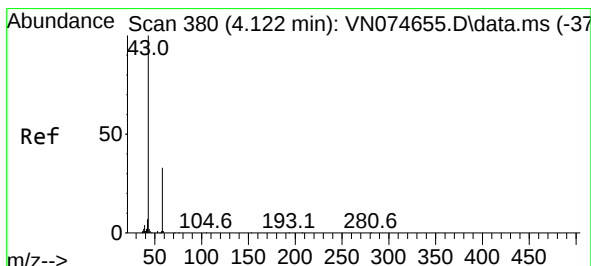
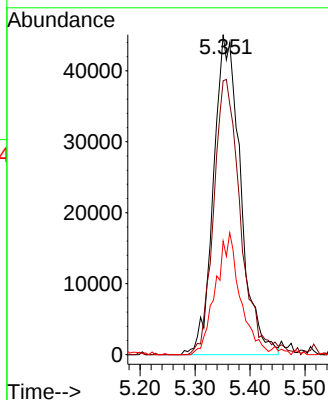
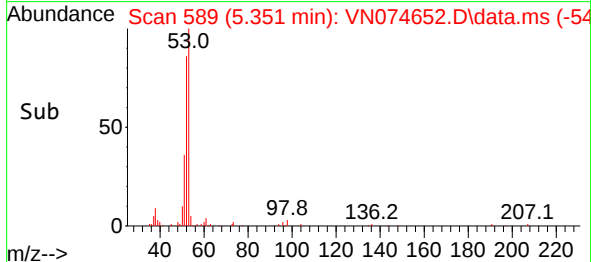
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 53 Resp: 153539
Ion Ratio Lower Upper
53 100
52 86.1 66.4 99.6
51 34.8 28.5 42.7

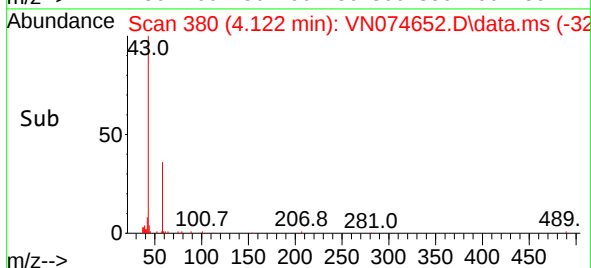
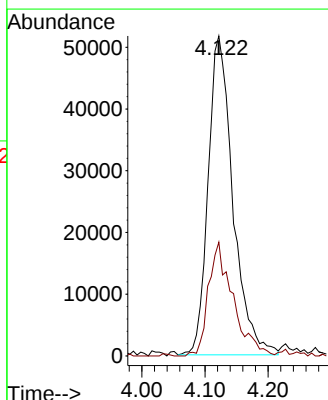
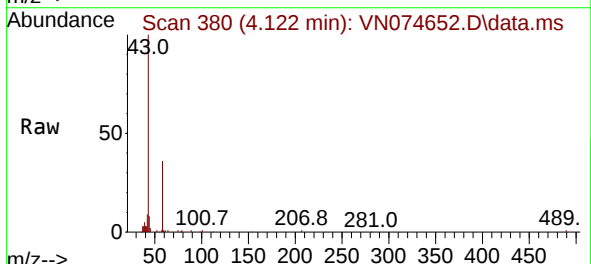
Manual Integrations
APPROVED

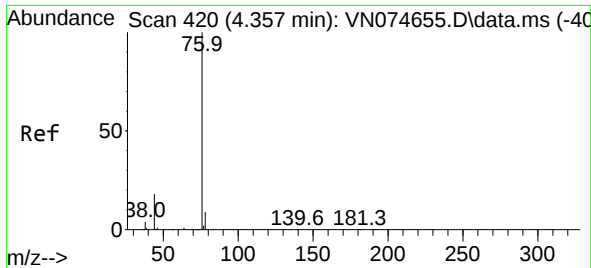
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#16
Acetone
Concen: 27.591 ug/l
RT: 4.122 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

Tgt Ion: 43 Resp: 140974
Ion Ratio Lower Upper
43 100
58 35.7 26.0 39.0





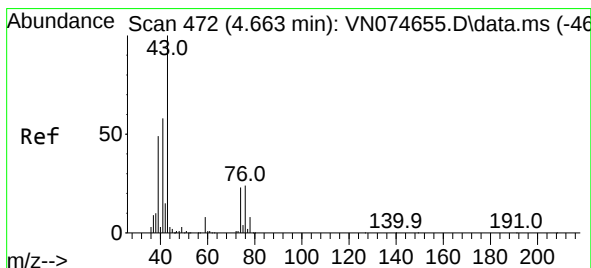
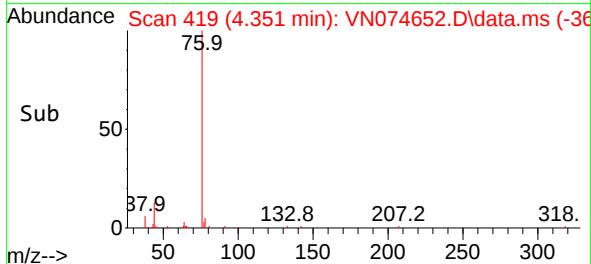
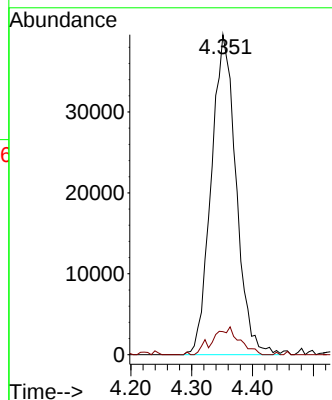
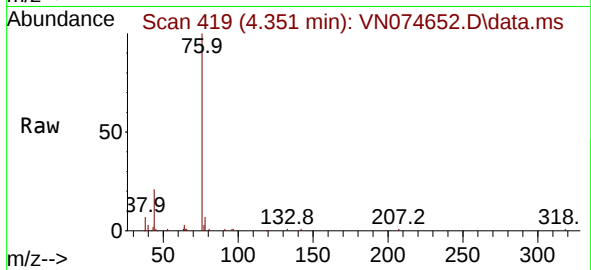
#17
Carbon Disulfide
Concen: 5.467 ug/l
RT: 4.351 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 11255
Ion Ratio Lower Upper
76 100
78 7.2 7.2 10.8

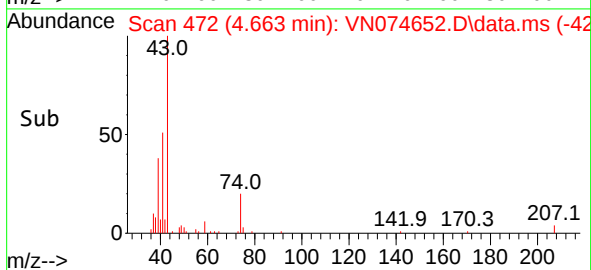
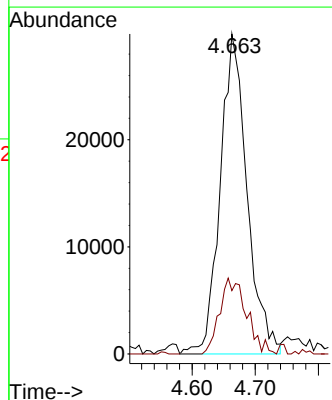
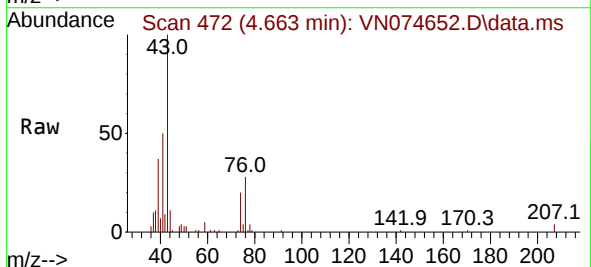
Manual Integrations
APPROVED

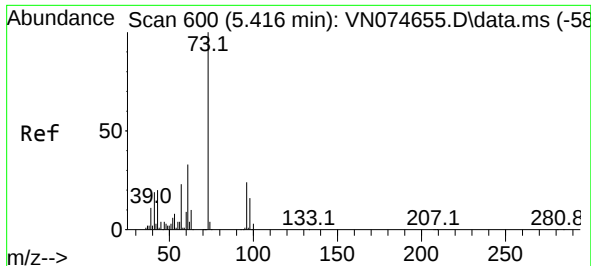
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#18
Methyl Acetate
Concen: 5.055 ug/l
RT: 4.663 min Scan# 472
Delta R.T. -0.000 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

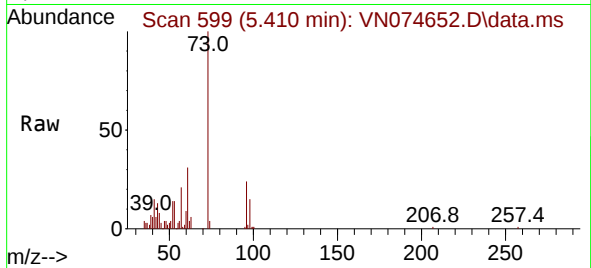
Tgt Ion: 43 Resp: 88408
Ion Ratio Lower Upper
43 100
74 23.5 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 5.294 ug/l
RT: 5.410 min Scan# 511
Delta R.T. -0.006 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

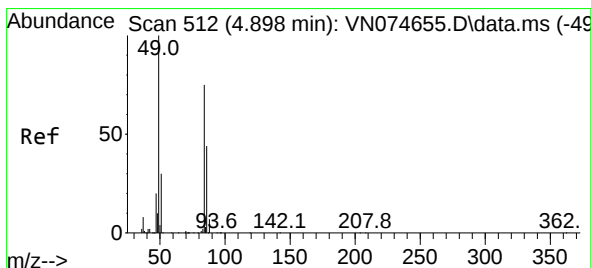
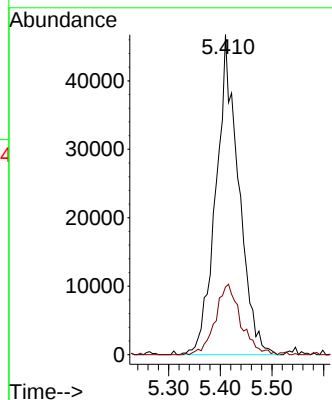
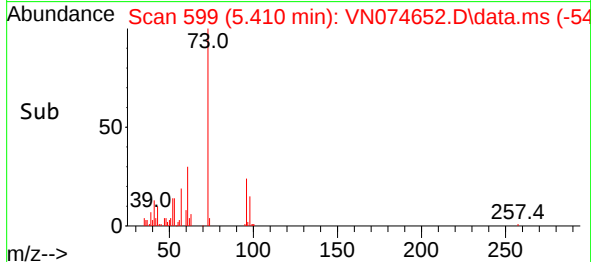
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 73 Resp: 14255
Ion Ratio Lower Upper
73 100
57 21.1 17.6 26.4

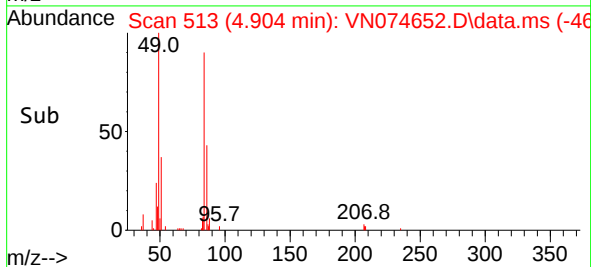
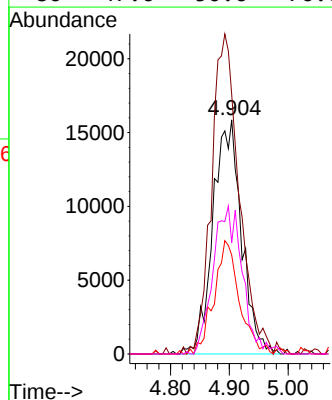
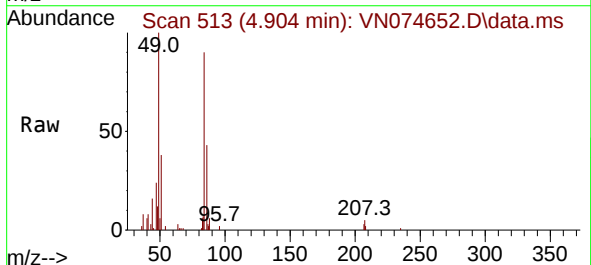
Manual Integrations
APPROVED

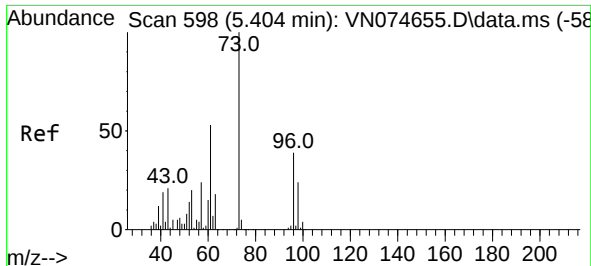
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#20
Methylene Chloride
Concen: 5.501 ug/l
RT: 4.904 min Scan# 513
Delta R.T. 0.006 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

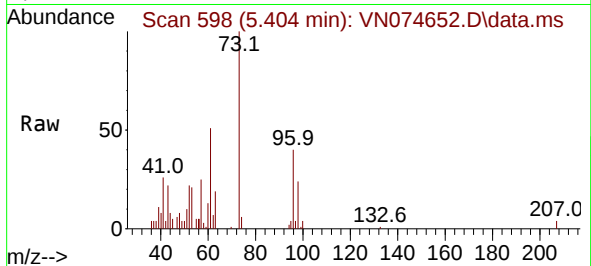
Tgt Ion: 84 Resp: 53349
Ion Ratio Lower Upper
84 100
49 110.7 88.3 132.5
51 40.8 28.2 42.2
86 47.6 50.6 76.0#





#21
trans-1,2-Dichloroethene
Concen: 5.332 ug/l
RT: 5.404 min Scan# 598
Delta R.T. -0.000 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

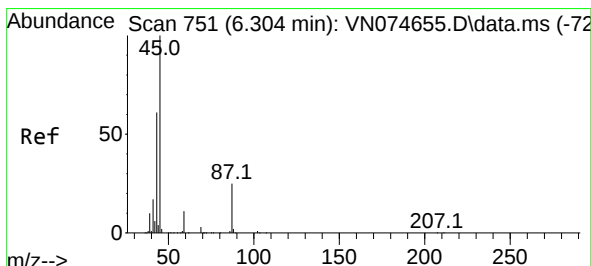
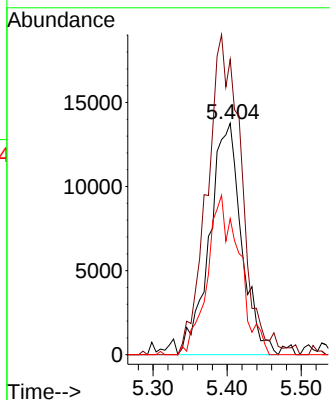
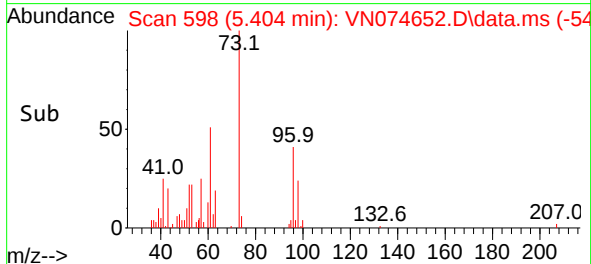
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 41094
Ion Ratio Lower Upper
96 100
61 127.7 105.8 158.8
98 58.8 50.3 75.5

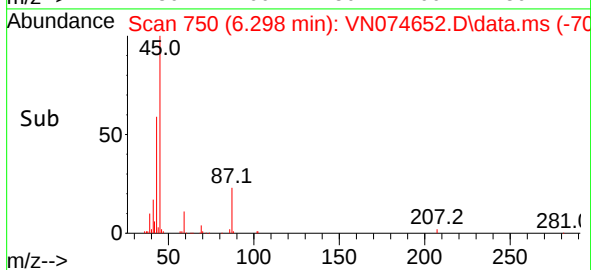
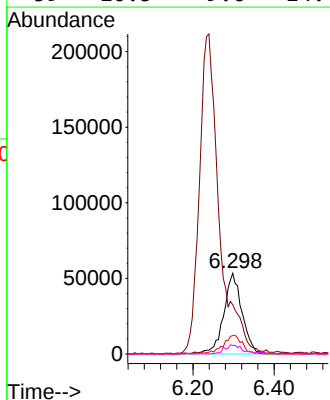
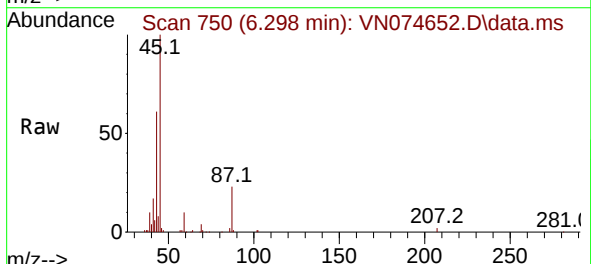
Manual Integrations
APPROVED

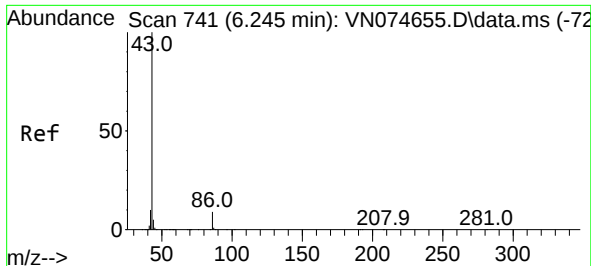
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#22
Diisopropyl ether
Concen: 5.414 ug/l
RT: 6.298 min Scan# 750
Delta R.T. -0.006 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

Tgt Ion: 45 Resp: 167821
Ion Ratio Lower Upper
45 100
43 59.9 46.6 70.0
87 23.0 24.3 36.5#
59 10.5 9.6 14.4





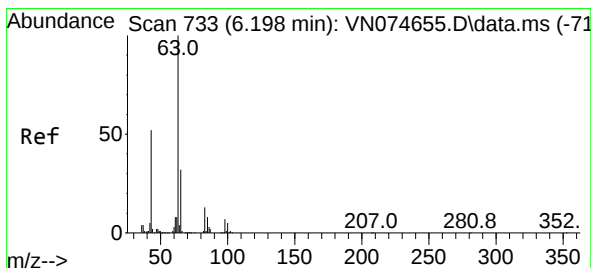
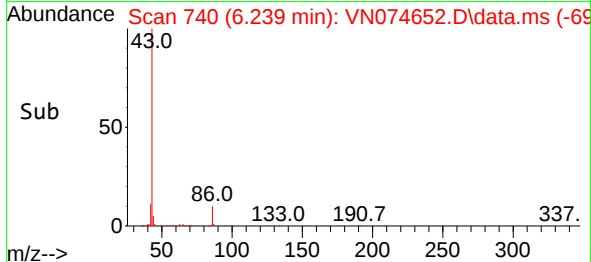
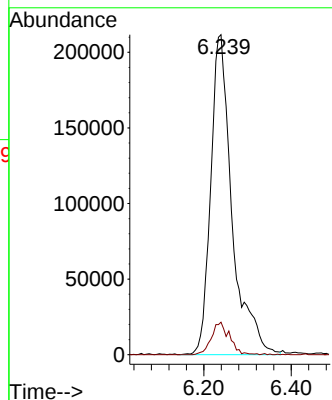
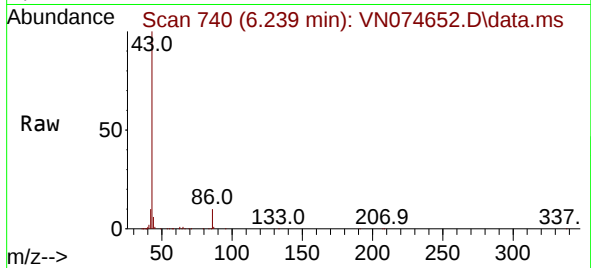
#23
 Vinyl Acetate
 Concen: 26.364 ug/l
 RT: 6.239 min Scan# 741
 Delta R.T. -0.006 min
 Lab File: VN074652.D
 Acq: 29 Sep 2022 13:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 71832
 Ion Ratio Lower Upper
 43 100
 86 10.1 10.0 15.0

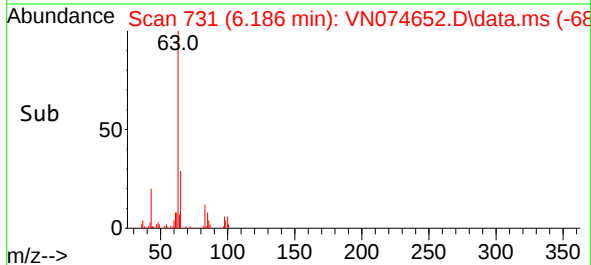
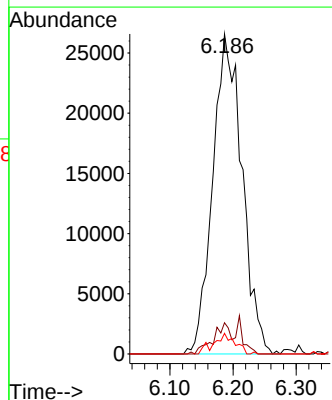
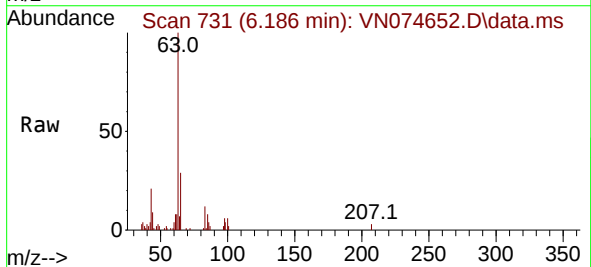
Manual Integrations
 APPROVED

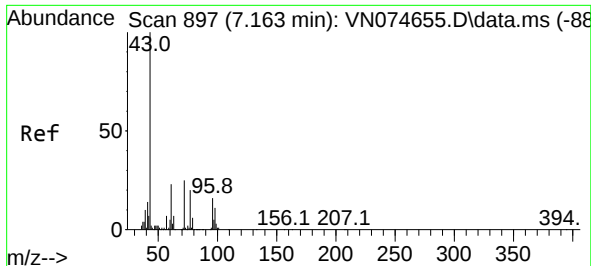
Reviewed By :John Carlone 09/30/2022
 Supervised By :Mahesh Dadoda 10/05/2022



#24
 1,1-Dichloroethane
 Concen: 5.408 ug/l
 RT: 6.186 min Scan# 731
 Delta R.T. -0.012 min
 Lab File: VN074652.D
 Acq: 29 Sep 2022 13:57

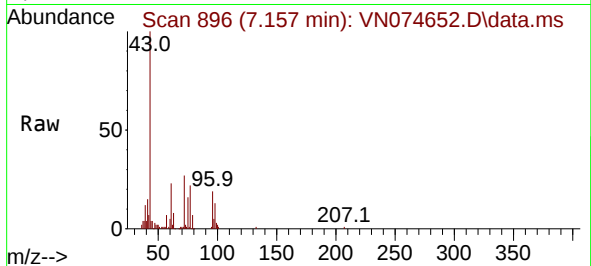
Tgt Ion: 63 Resp: 85549
 Ion Ratio Lower Upper
 63 100
 98 9.8 3.5 10.4
 100 6.5 2.3 6.8





#25
2-Butanone
Concen: 27.505 ug/l
RT: 7.157 min Scan# 895
Delta R.T. -0.006 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

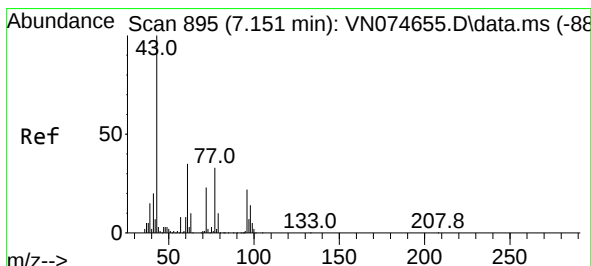
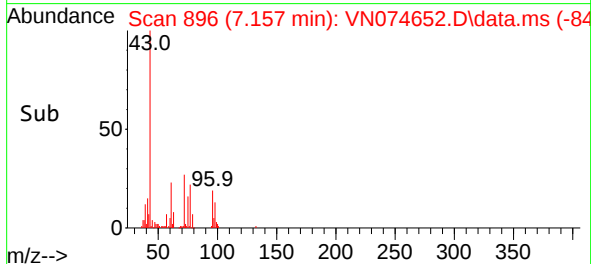
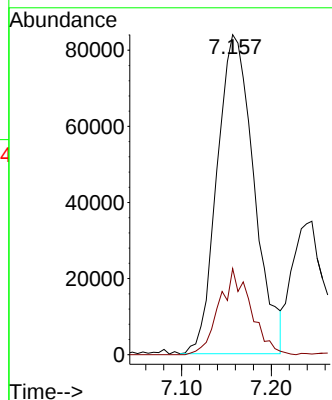
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC005



Tgt Ion: 43 Resp: 239670
Ion Ratio Lower Upper
43 100
72 27.0 23.7 35.5

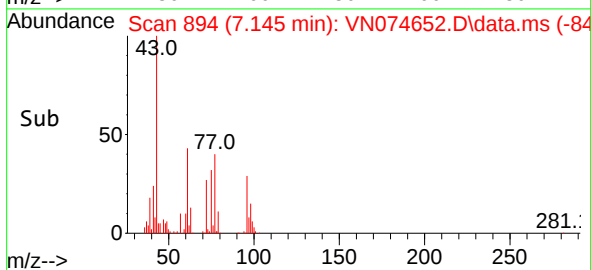
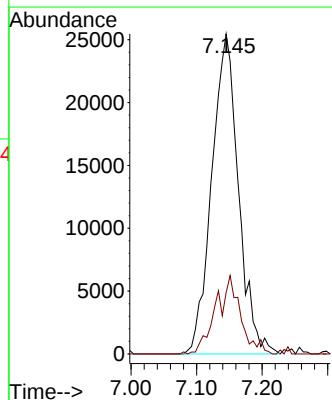
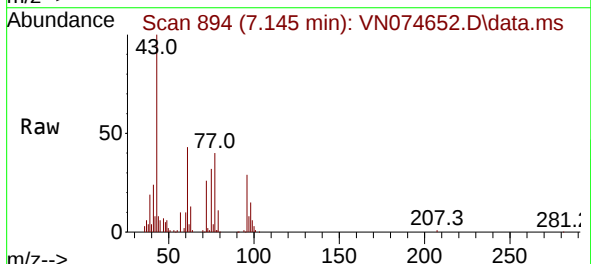
Manual Integrations
APPROVED

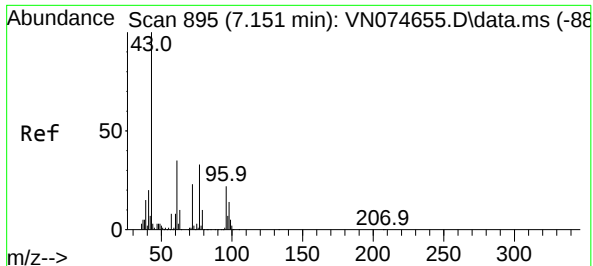
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#26
2,2-Dichloropropane
Concen: 5.350 ug/l
RT: 7.145 min Scan# 894
Delta R.T. -0.006 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

Tgt Ion: 77 Resp: 71967
Ion Ratio Lower Upper
77 100
97 22.8 11.4 34.2





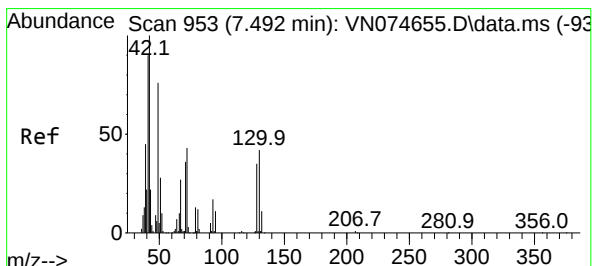
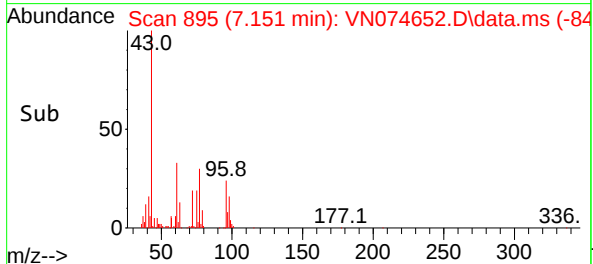
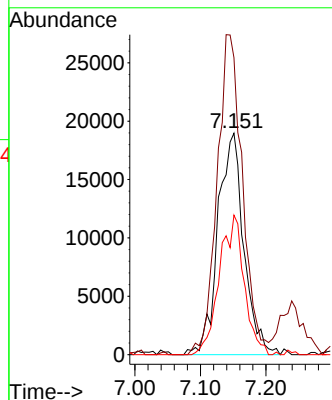
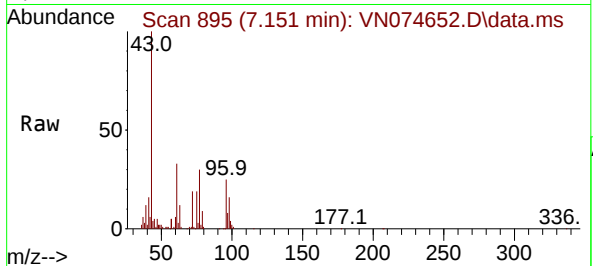
#27
 cis-1,2-Dichloroethene
 Concen: 5.508 ug/l
 RT: 7.151 min Scan# 895
 Delta R.T. -0.000 min
 Lab File: VN074652.D
 Acq: 29 Sep 2022 13:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 96 Resp: 5192
 Ion Ratio Lower Upper
 96 100
 61 141.2 0.0 280.6
 98 60.6 0.0 128.4

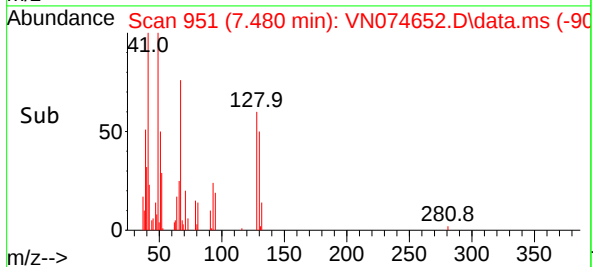
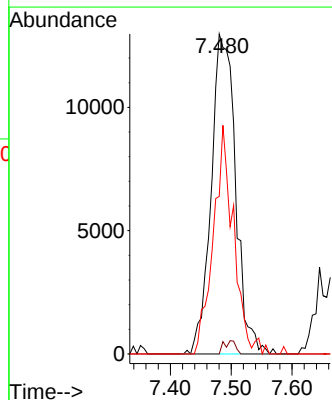
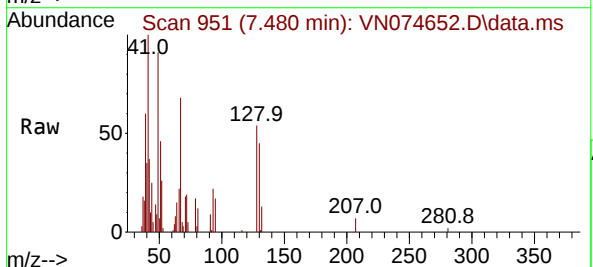
Manual Integrations
 APPROVED

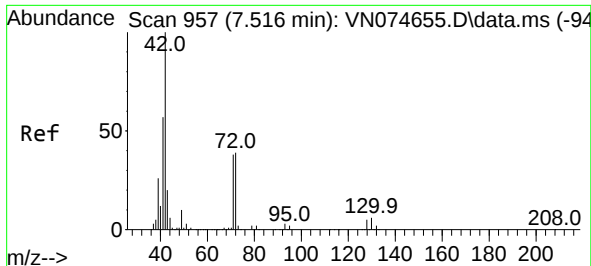
Reviewed By :John Carlone 09/30/2022
 Supervised By :Mahesh Dadoda 10/05/2022



#28
 Bromochloromethane
 Concen: 5.045 ug/l
 RT: 7.480 min Scan# 951
 Delta R.T. -0.012 min
 Lab File: VN074652.D
 Acq: 29 Sep 2022 13:57

Tgt Ion: 49 Resp: 36239
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 57.7 69.7 104.5#





#29

Tetrahydrofuran

Concen: 25.764 ug/l

RT: 7.516 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN074652.D

Acq: 29 Sep 2022 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

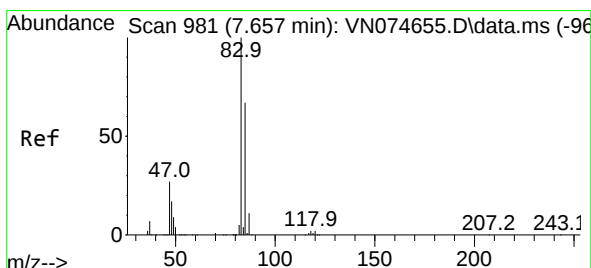
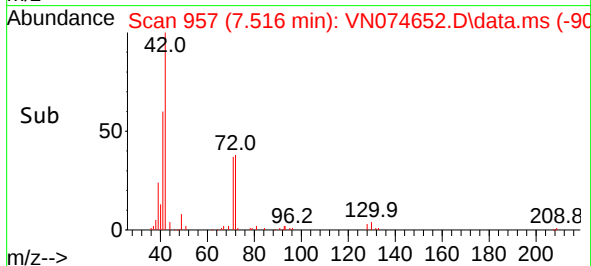
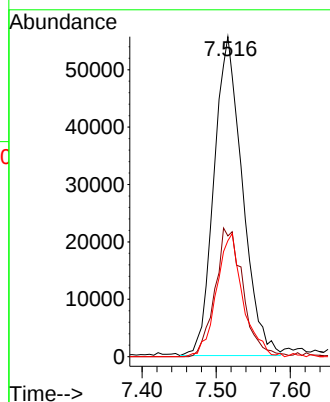
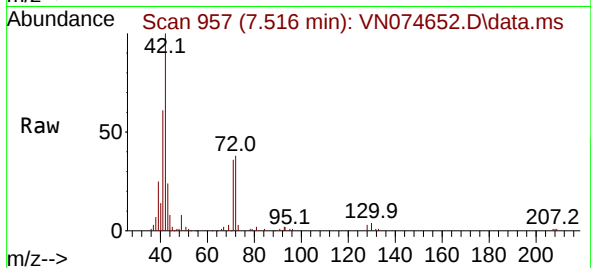
Tgt Ion:	42	Resp:	148120
Ion Ratio	Lower	Upper	
42	100		
72	39.6	39.7	59.5
71	35.8	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/05/2022



#30

Chloroform

Concen: 5.257 ug/l

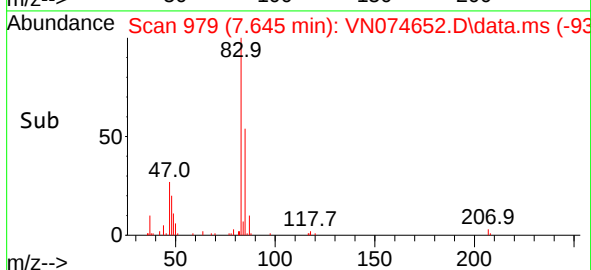
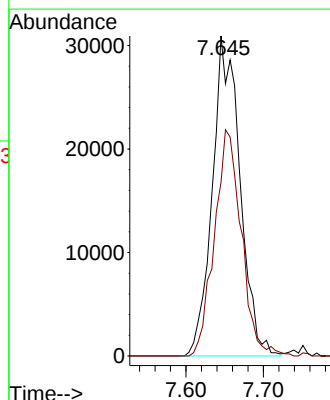
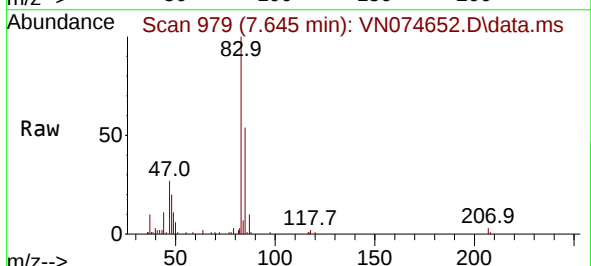
RT: 7.645 min Scan# 979

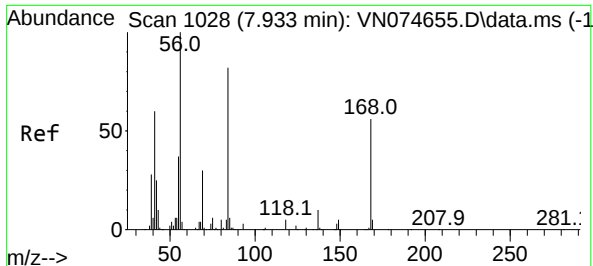
Delta R.T. -0.012 min

Lab File: VN074652.D

Acq: 29 Sep 2022 13:57

Tgt Ion:	83	Resp:	76639
Ion Ratio	Lower	Upper	
83	100		
85	54.2	51.8	77.8





#31

Cyclohexane

Concen: 5.998 ug/l

RT: 7.933 min Scan# 1028

Delta R.T. -0.000 min

Lab File: VN074652.D

Acq: 29 Sep 2022 13:57

Instrument :

MSVOA_N

ClientSampleId :

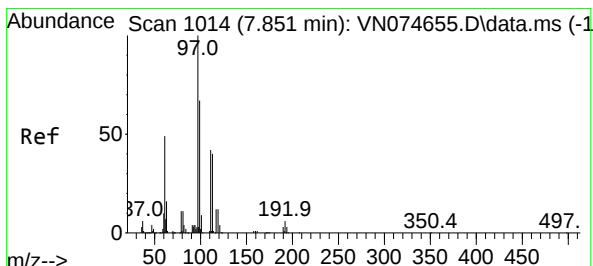
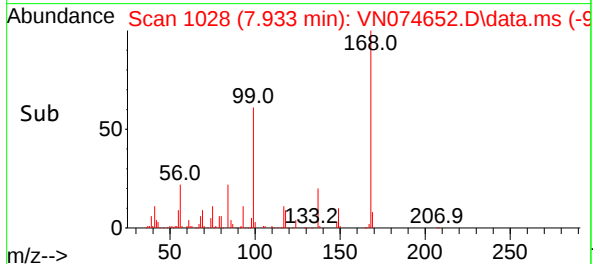
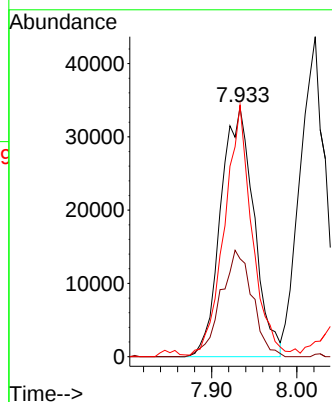
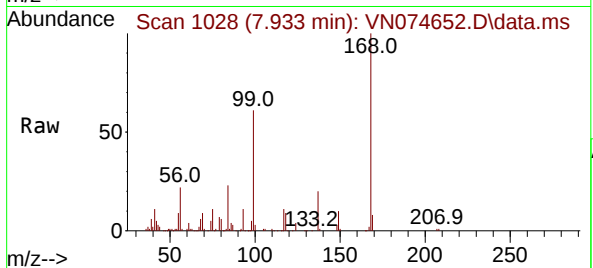
VSTDIC005

Tgt Ion: 56	Resp: 9224
Ion Ratio	Lower Upper
56	100
69	39.3 27.8 41.8
84	100.0 76.9 115.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#32

1,1,1-Trichloroethane

Concen: 4.949 ug/l

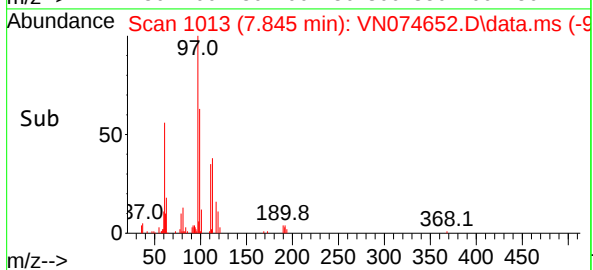
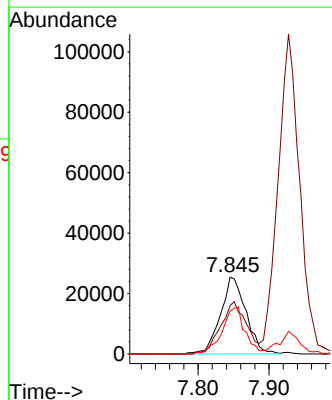
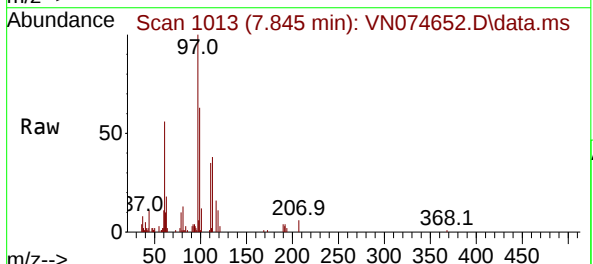
RT: 7.845 min Scan# 1013

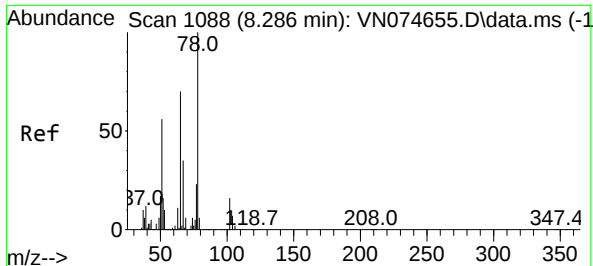
Delta R.T. -0.006 min

Lab File: VN074652.D

Acq: 29 Sep 2022 13:57

Tgt Ion: 97	Resp: 63318
Ion Ratio	Lower Upper
97	100
99	68.8 50.6 76.0
61	54.5 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 5.285 ug/l

RT: 8.286 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VN074652.D

Acq: 29 Sep 2022 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 50029

Ion Ratio Lower Upper

65 100

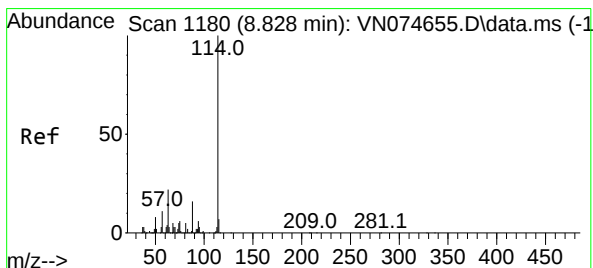
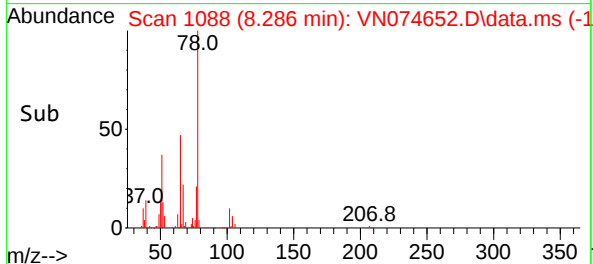
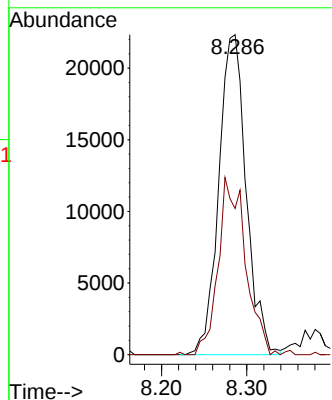
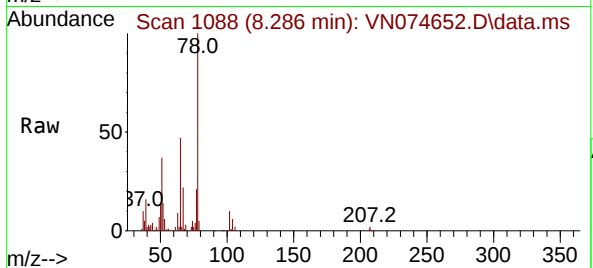
67 55.0 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/05/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.821 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VN074652.D

Acq: 29 Sep 2022 13:57

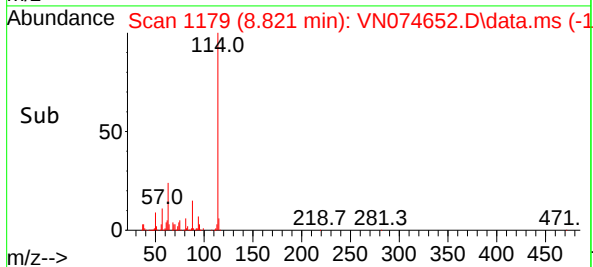
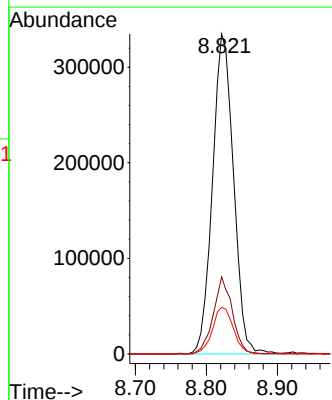
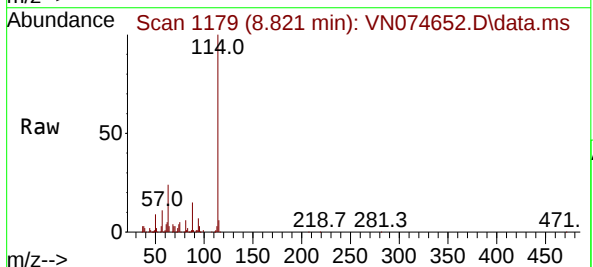
Tgt Ion:114 Resp: 687497

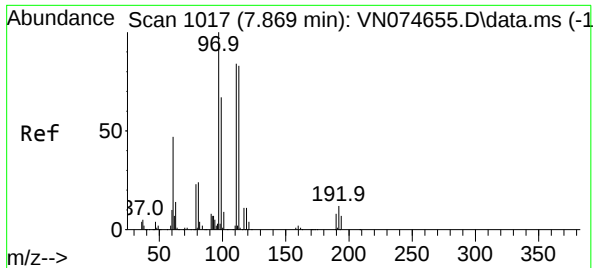
Ion Ratio Lower Upper

114 100

63 23.9 0.0 40.0

88 14.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 5.217 ug/l

RT: 7.857 min Scan# 1049

Delta R.T. -0.012 min

Lab File: VN074652.D

Acq: 29 Sep 2022 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

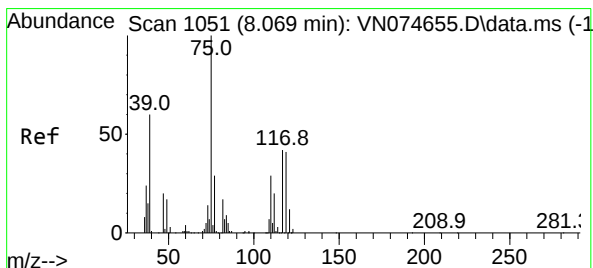
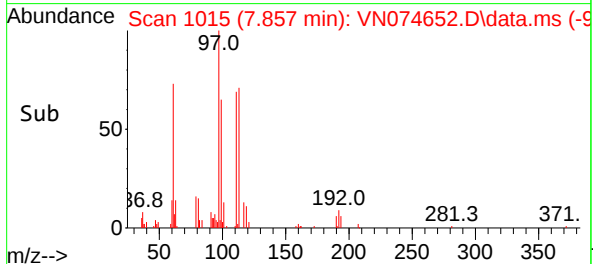
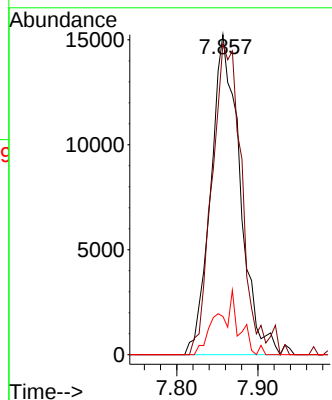
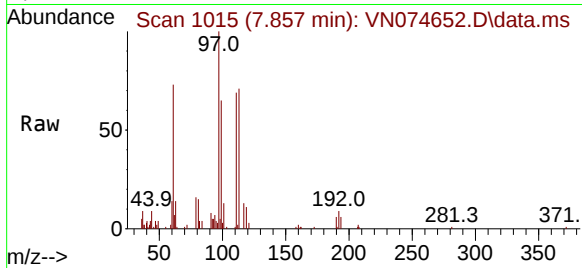
Tgt Ion:	113	Resp:	3796
Ion Ratio	Lower	Upper	
113	100		
111	99.9	81.4	122.0
192	14.6	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/05/2022



#36

1,1-Dichloropropene

Concen: 5.267 ug/l

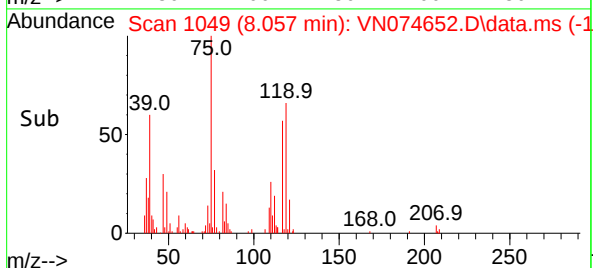
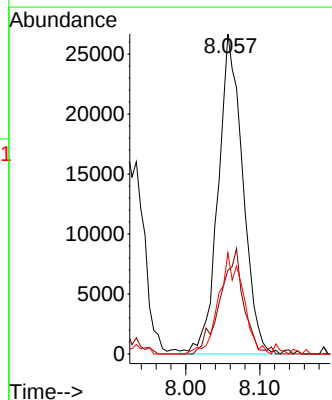
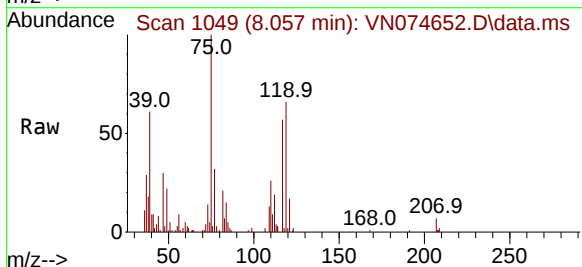
RT: 8.057 min Scan# 1049

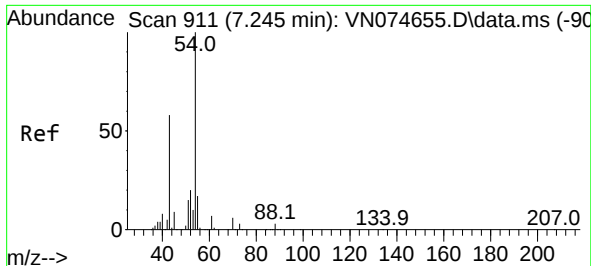
Delta R.T. -0.012 min

Lab File: VN074652.D

Acq: 29 Sep 2022 13:57

Tgt Ion:	75	Resp:	61378
Ion Ratio	Lower	Upper	
75	100		
110	31.1	18.3	54.8
77	31.4	25.1	37.7





#37

Ethyl Acetate

Concen: 5.016 ug/l

RT: 7.245 min Scan# 911

Delta R.T. -0.000 min

Lab File: VN074652.D

Acq: 29 Sep 2022 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 86674

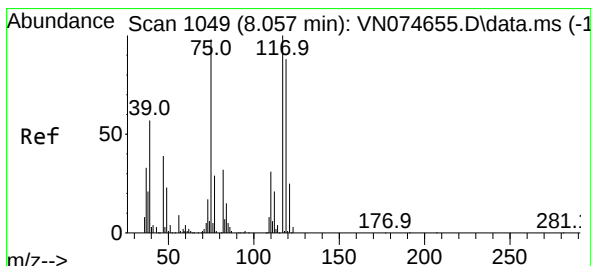
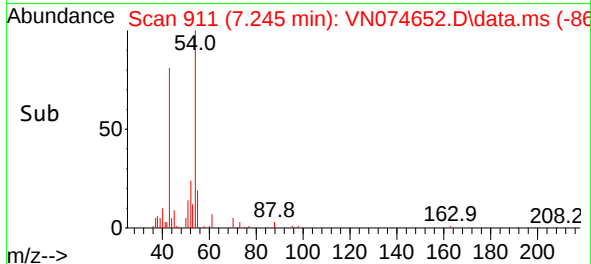
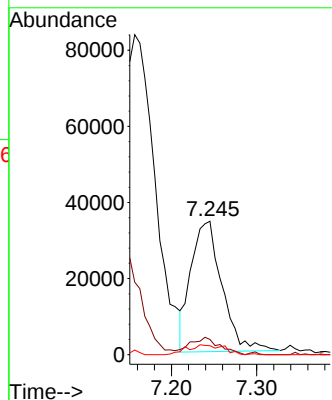
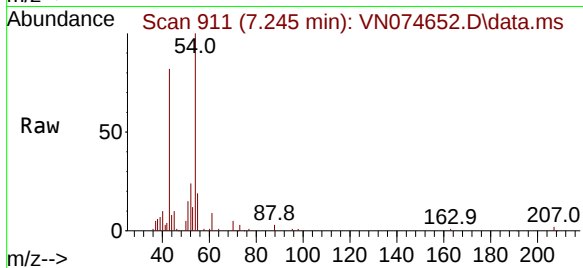
Ion	Ratio	Lower	Upper
43	100		
61	12.8	11.8	17.6
70	8.8	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/05/2022



#38

Carbon Tetrachloride

Concen: 5.306 ug/l

RT: 8.045 min Scan# 1047

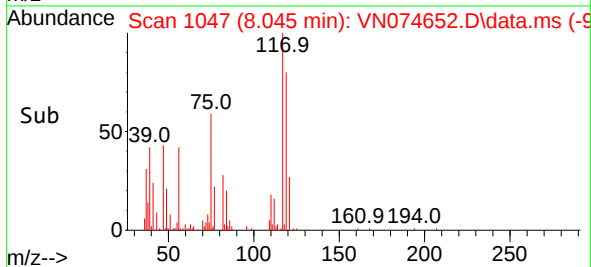
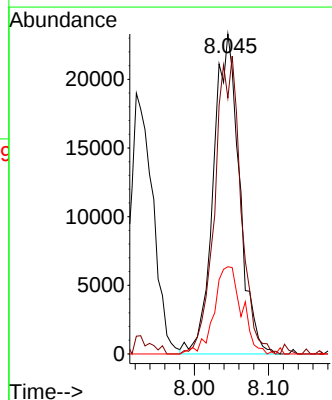
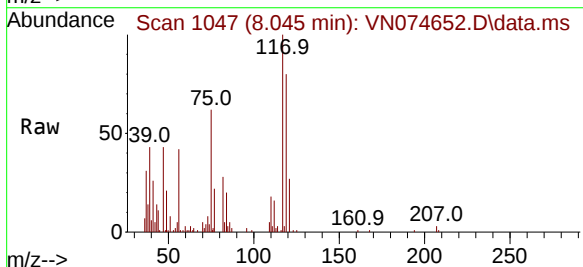
Delta R.T. -0.012 min

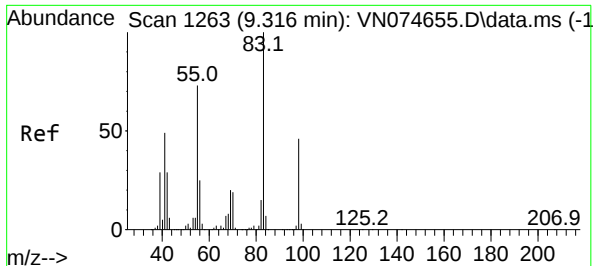
Lab File: VN074652.D

Acq: 29 Sep 2022 13:57

Tgt Ion: 117 Resp: 56645

Ion	Ratio	Lower	Upper
117	100		
119	80.0	75.8	113.8
121	27.3	24.6	37.0





#39

Methylcyclohexane

Concen: 5.325 ug/l

RT: 9.316 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN074652.D

Acq: 29 Sep 2022 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

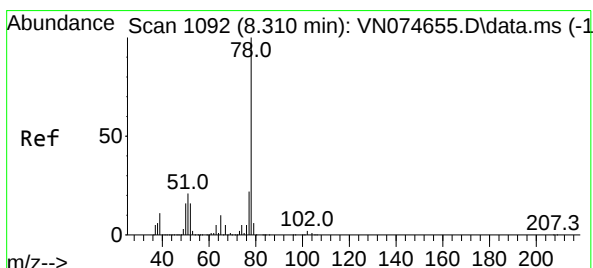
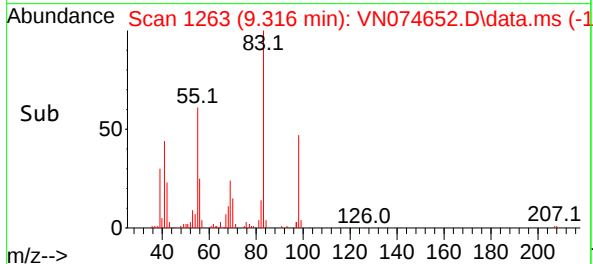
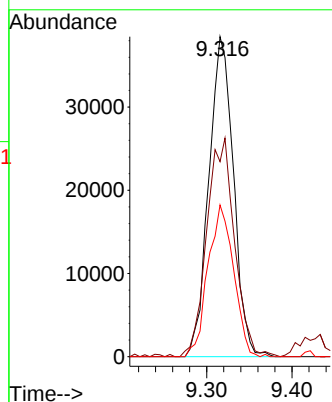
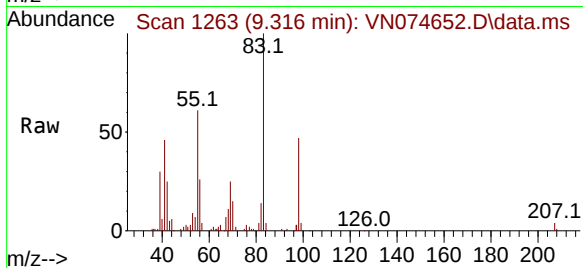
Tgt Ion:	83	Resp:	7747
Ion Ratio	Lower	Upper	
83	100		
55	60.9	57.8	86.8
98	47.4	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/05/2022



#40

Benzene

Concen: 5.281 ug/l

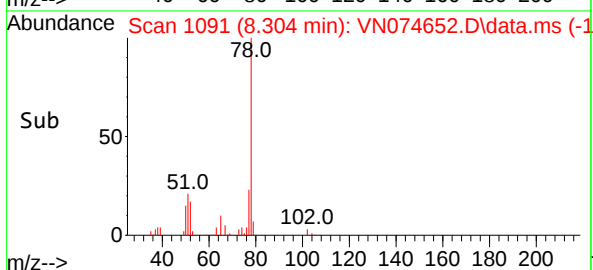
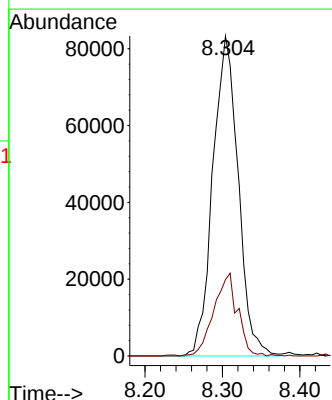
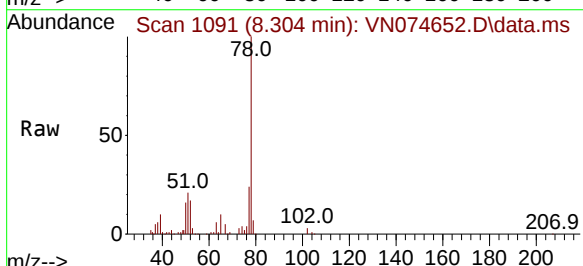
RT: 8.304 min Scan# 1091

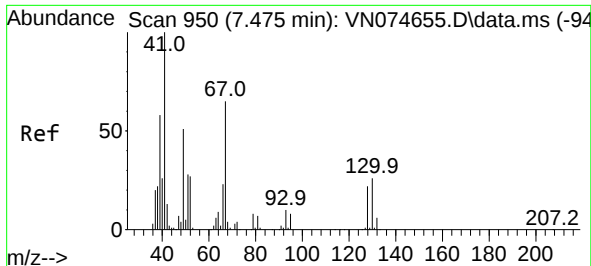
Delta R.T. -0.006 min

Lab File: VN074652.D

Acq: 29 Sep 2022 13:57

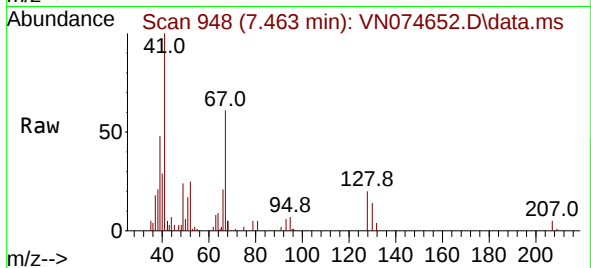
Tgt Ion:	78	Resp:	189688
Ion Ratio	Lower	Upper	
78	100		
77	23.8	19.4	29.0





#41
Methacrylonitrile
Concen: 5.403 ug/l
RT: 7.463 min Scan# 948
Delta R.T. -0.012 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

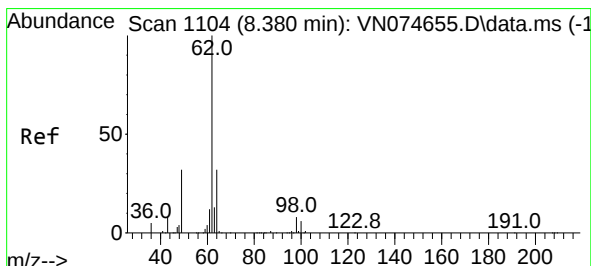
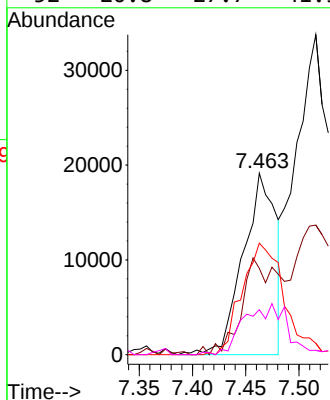
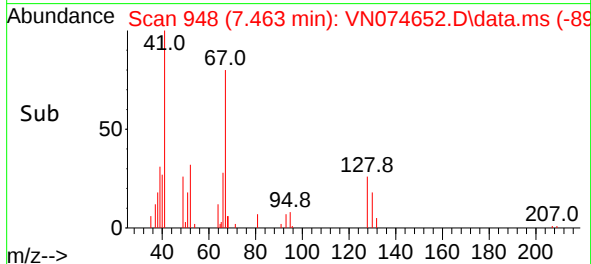
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 4079
Ion Ratio Lower Upper
41 100
39 39.3 48.6 73.0
67 79.6 73.4 110.2
52 20.8 27.7 41.5#

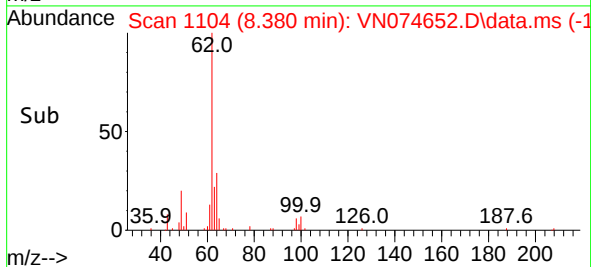
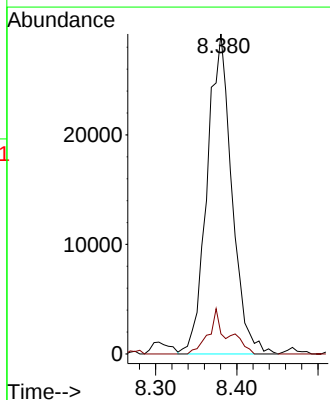
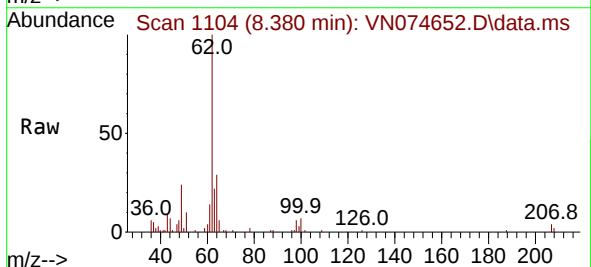
Manual Integrations
APPROVED

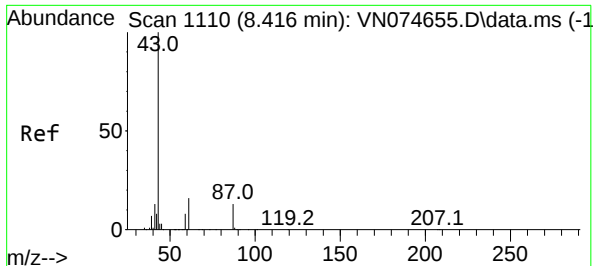
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#42
1,2-Dichloroethane
Concen: 5.131 ug/l
RT: 8.380 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

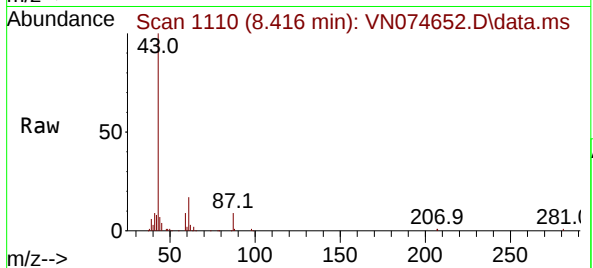
Tgt Ion: 62 Resp: 61910
Ion Ratio Lower Upper
62 100
98 7.3 0.0 19.4





#43
Isopropyl Acetate
Concen: 4.980 ug/l
RT: 8.416 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

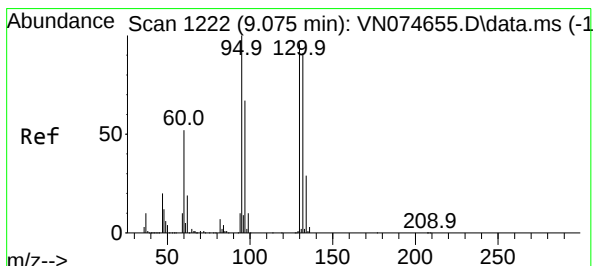
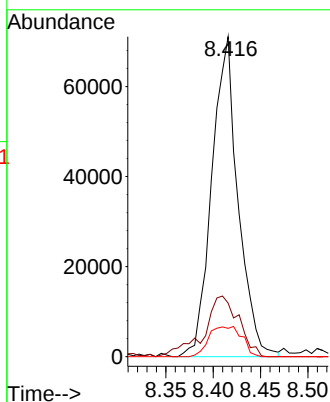
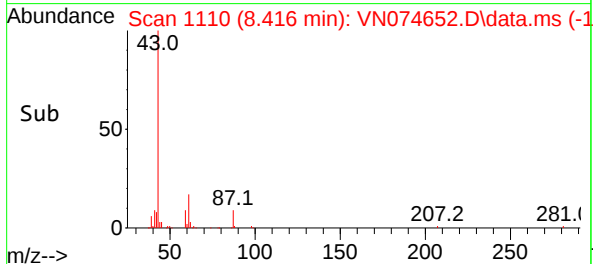
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 137320
Ion Ratio Lower Upper
43 100
61 25.2 21.9 32.9
87 11.8 12.0 18.0

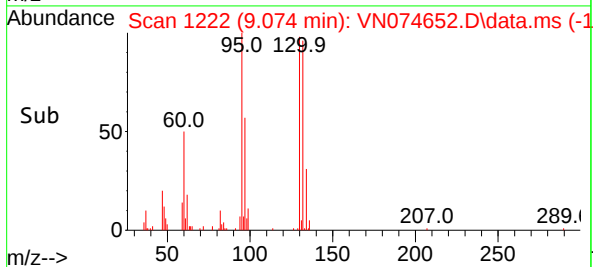
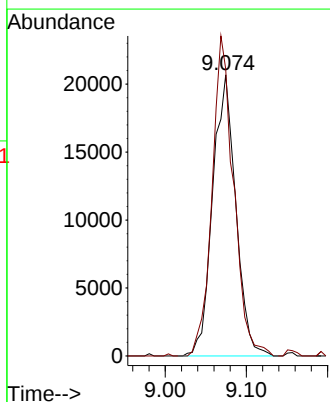
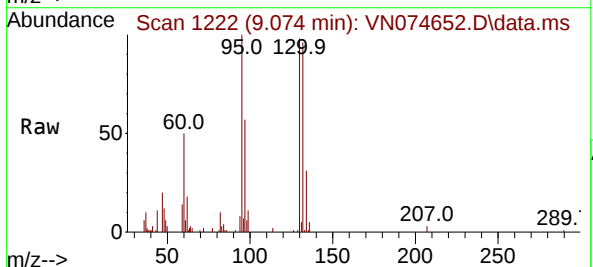
Manual Integrations
APPROVED

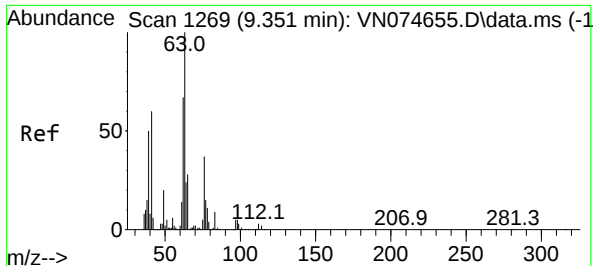
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#44
Trichloroethene
Concen: 5.469 ug/l
RT: 9.074 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

Tgt Ion:130 Resp: 40925
Ion Ratio Lower Upper
130 100
95 102.0 0.0 186.8





#45

1,2-Dichloropropane

Concen: 5.267 ug/l

RT: 9.351 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VN074652.D

Acq: 29 Sep 2022 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 5150

Ion Ratio Lower Upper

63 100

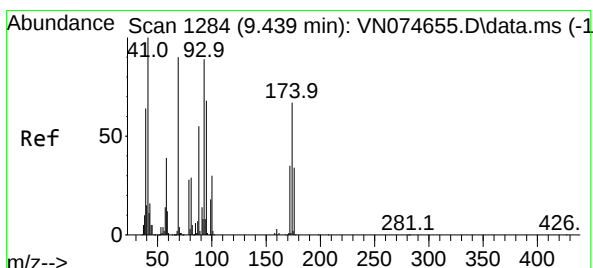
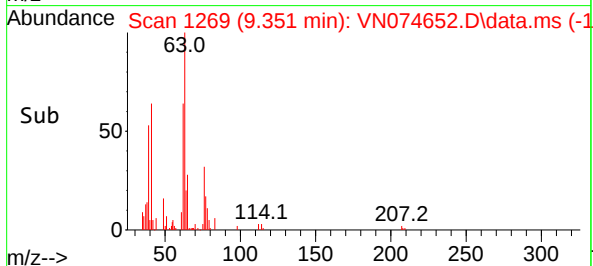
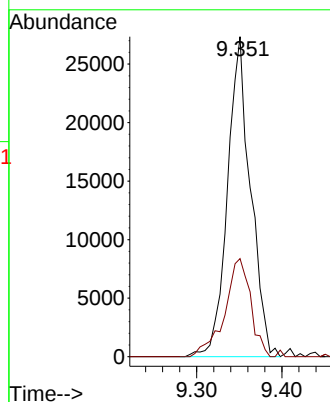
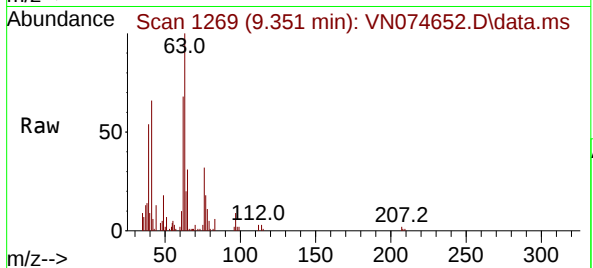
65 30.6 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/05/2022



#46

Dibromomethane

Concen: 5.216 ug/l

RT: 9.433 min Scan# 1283

Delta R.T. -0.006 min

Lab File: VN074652.D

Acq: 29 Sep 2022 13:57

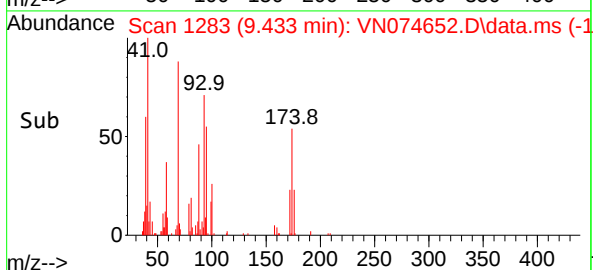
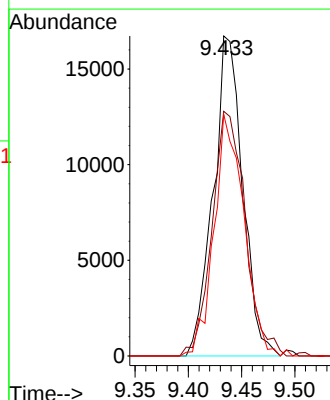
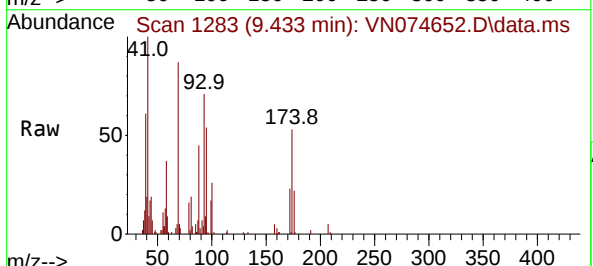
Tgt Ion: 93 Resp: 32151

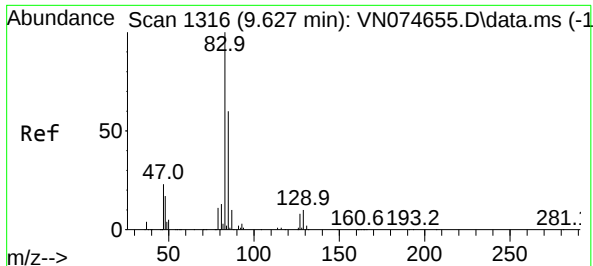
Ion Ratio Lower Upper

93 100

95 85.7 66.9 100.3

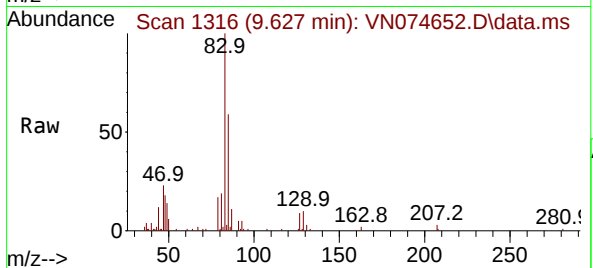
174 77.0 86.6 130.0#





#47
Bromodichloromethane
Concen: 5.274 ug/l
RT: 9.627 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

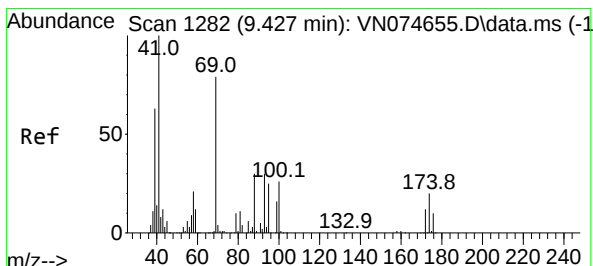
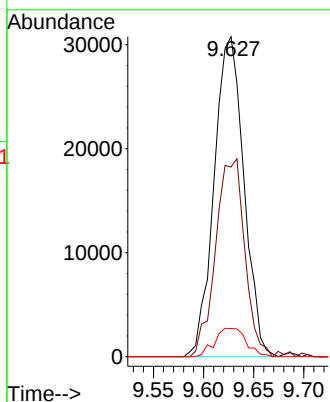
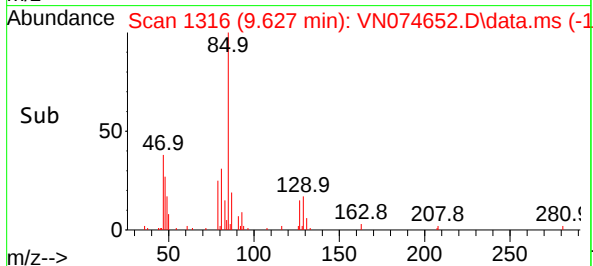
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 63534
Ion Ratio Lower Upper
83 100
85 59.2 50.5 75.7
127 8.8 6.8 10.2

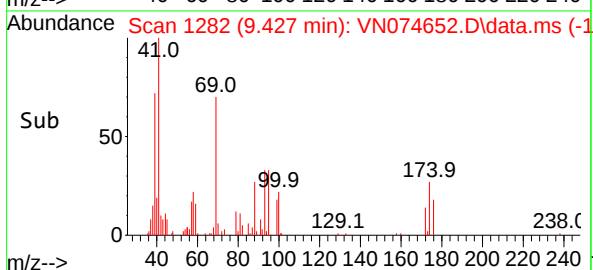
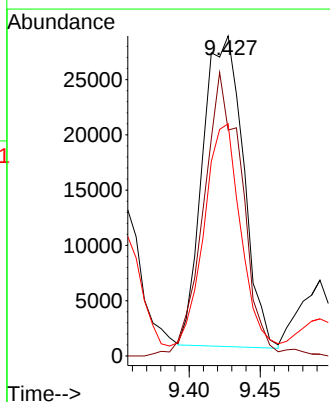
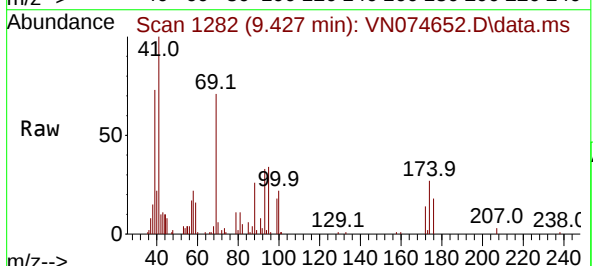
Manual Integrations
APPROVED

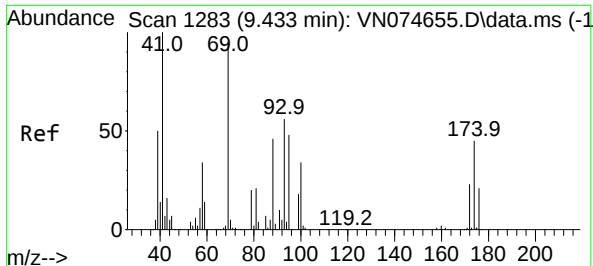
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#48
Methyl methacrylate
Concen: 4.908 ug/l
RT: 9.427 min Scan# 1282
Delta R.T. -0.000 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

Tgt Ion: 41 Resp: 55769
Ion Ratio Lower Upper
41 100
69 87.4 74.7 112.1
39 71.1 45.6 68.4





#49

1,4-Dioxane

Concen: 99.448 ug/l

RT: 9.433 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN074652.D

Acq: 29 Sep 2022 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

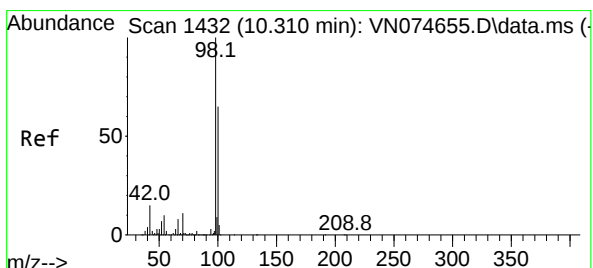
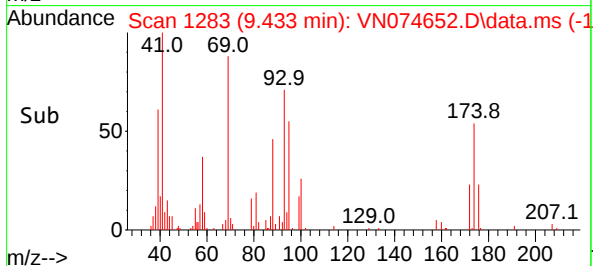
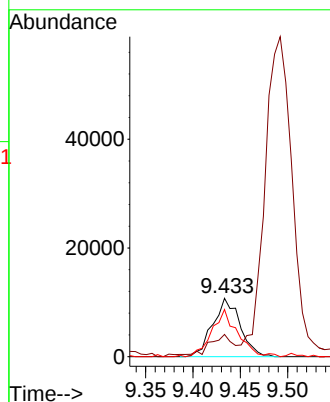
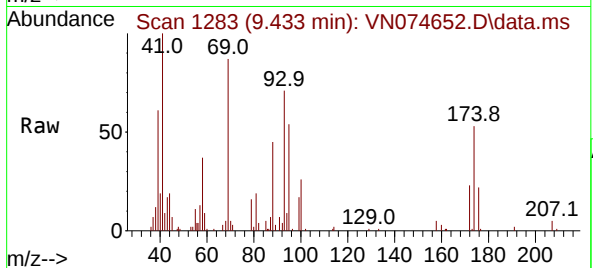
Tgt Ion:	88	Resp:	2155
Ion Ratio	Lower	Upper	
88	100		
43	25.7	20.2	30.4
58	76.7	54.2	81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/05/2022



#50

Toluene-d8

Concen: 4.963 ug/l

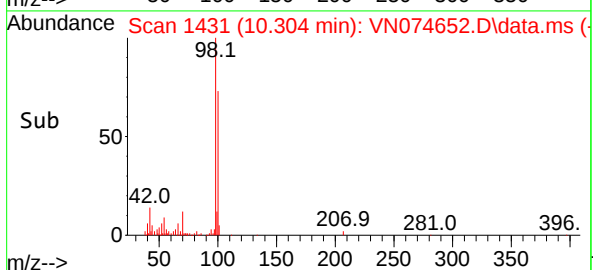
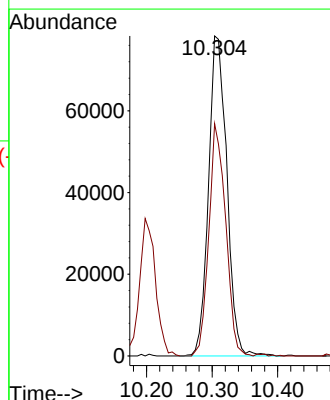
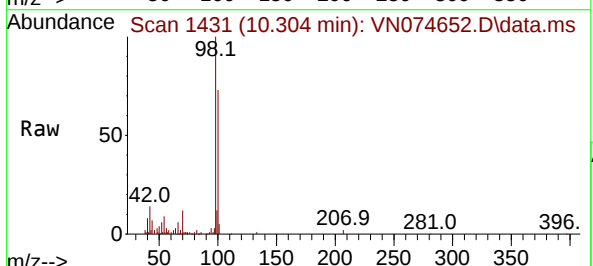
RT: 10.304 min Scan# 1431

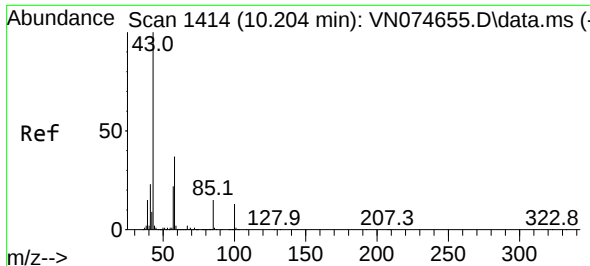
Delta R.T. -0.006 min

Lab File: VN074652.D

Acq: 29 Sep 2022 13:57

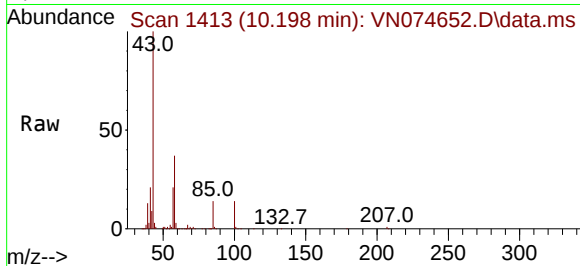
Tgt Ion:	98	Resp:	151915
Ion Ratio	Lower	Upper	
98	100		
100	66.7	52.6	78.8





#51
4-Methyl-2-Pentanone
Concen: 25.859 ug/l
RT: 10.198 min Scan# 1413
Delta R.T. -0.006 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

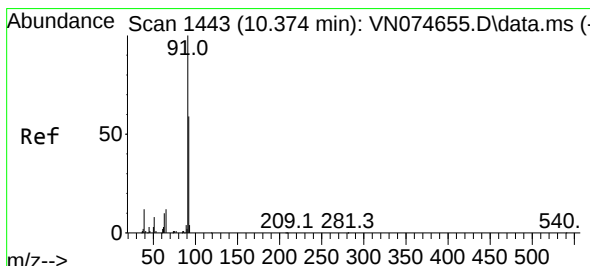
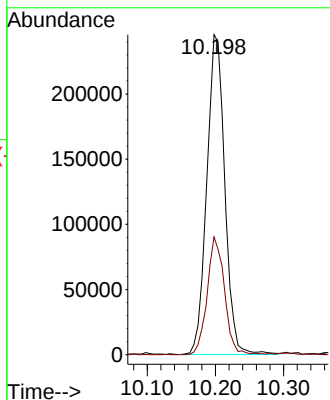
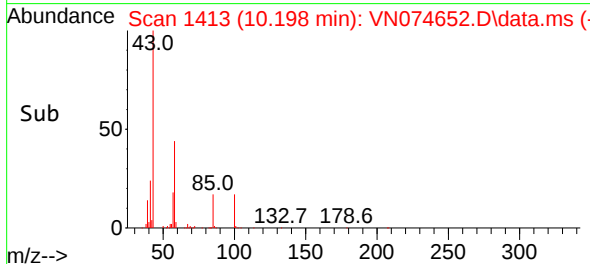
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 451149
Ion Ratio Lower Upper
43 100
58 35.3 34.1 51.1

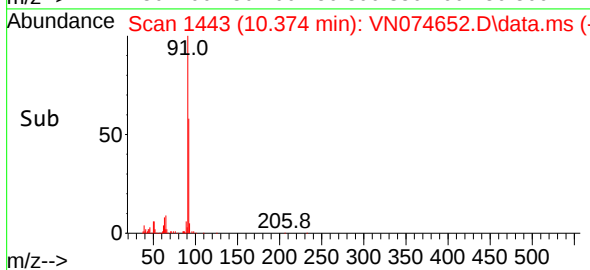
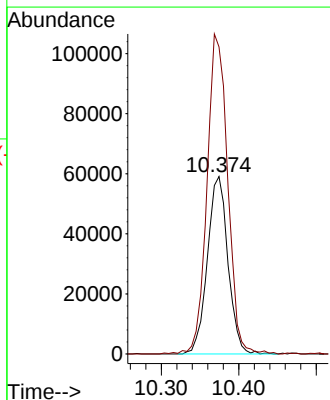
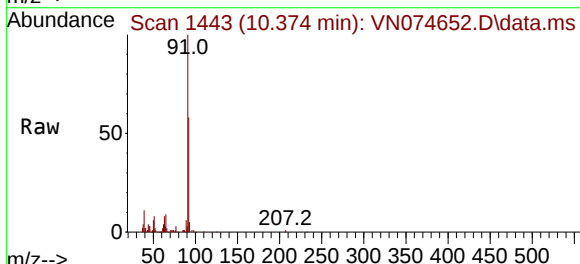
Manual Integrations
APPROVED

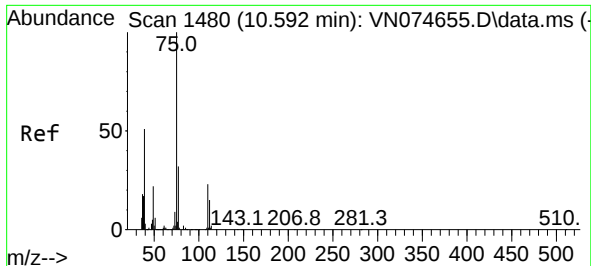
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#52
Toluene
Concen: 5.019 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

Tgt Ion: 92 Resp: 108856
Ion Ratio Lower Upper
92 100
91 181.6 138.6 207.8





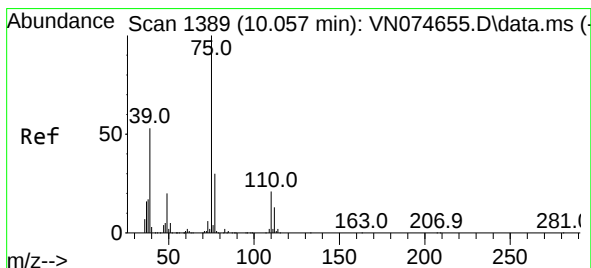
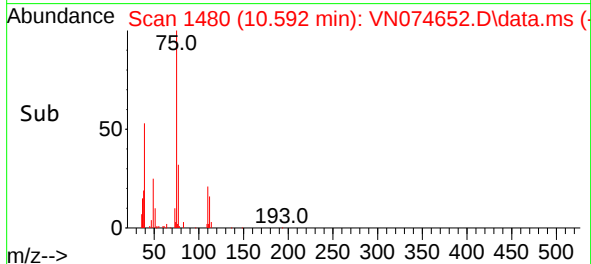
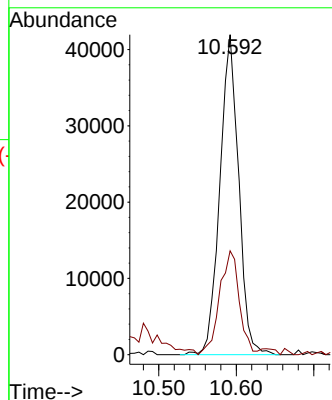
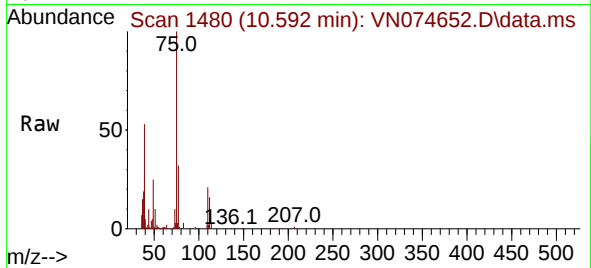
#53
t-1,3-Dichloropropene
Concen: 5.182 ug/l
RT: 10.592 min Scan# 1480
Delta R.T. -0.000 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 7075
Ion Ratio Lower Upper
75 100
77 32.4 25.6 38.4

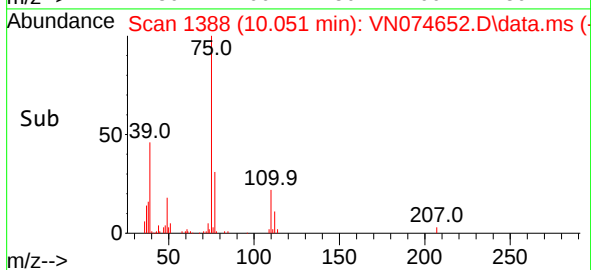
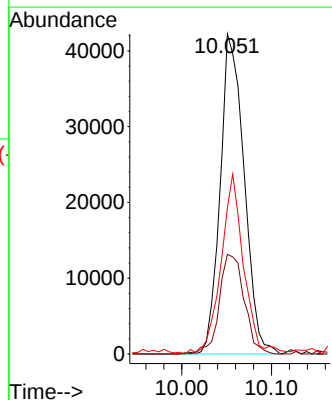
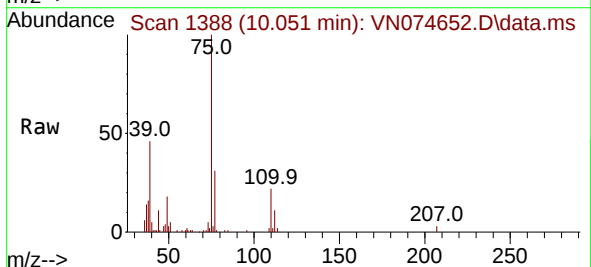
Manual Integrations
APPROVED

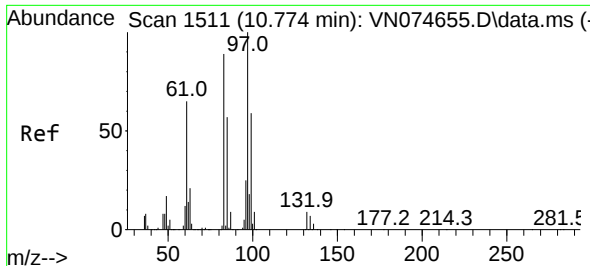
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#54
cis-1,3-Dichloropropene
Concen: 5.196 ug/l
RT: 10.051 min Scan# 1388
Delta R.T. -0.006 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

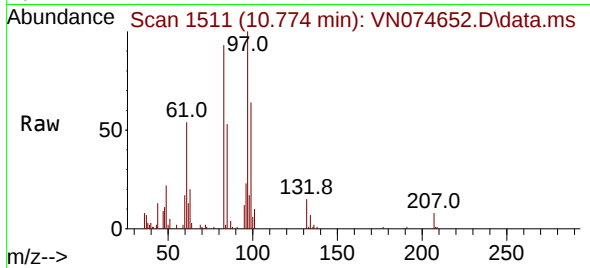
Tgt Ion: 75 Resp: 78165
Ion Ratio Lower Upper
75 100
77 31.1 25.2 37.8
39 45.1 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 4.912 ug/l
RT: 10.774 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

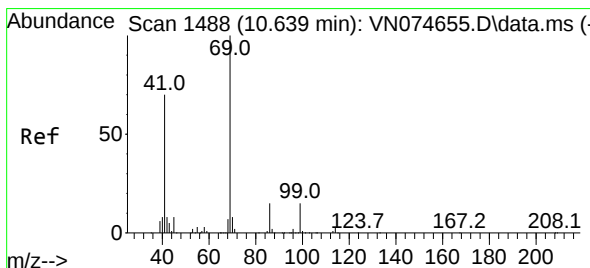
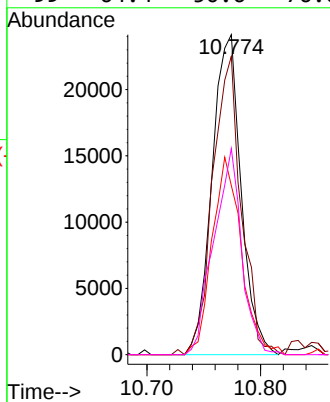
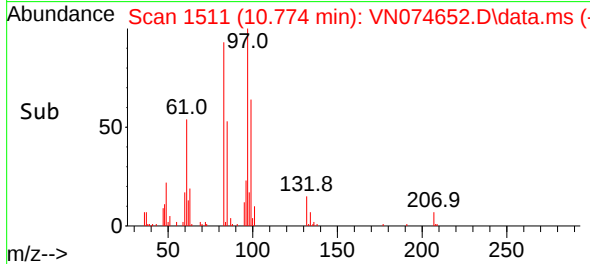
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



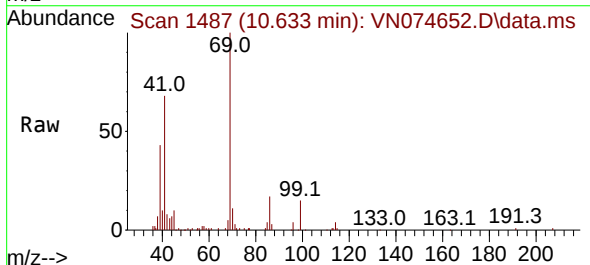
Tgt Ion:	97	Resp:	42930
Ion	Ratio	Lower	Upper
97	100		
83	92.4	66.2	99.4
85	52.8	43.9	65.9
99	64.4	50.6	76.0

Manual Integrations
APPROVED

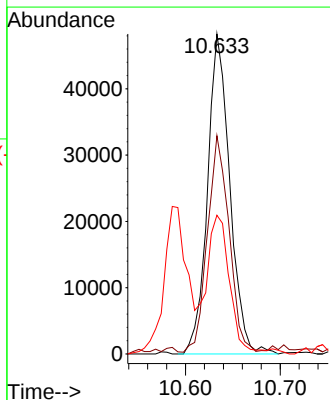
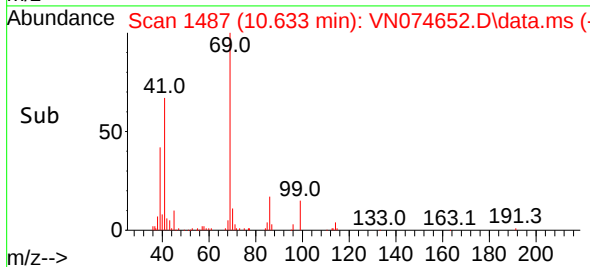
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

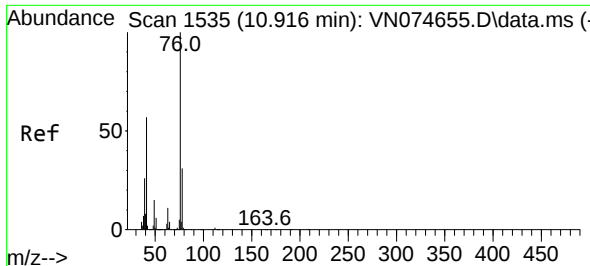


#56
Ethyl methacrylate
Concen: 5.252 ug/l
RT: 10.633 min Scan# 1487
Delta R.T. -0.006 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57



Tgt Ion:	69	Resp:	79181
Ion	Ratio	Lower	Upper
69	100		
41	65.3	47.8	71.6
39	42.1	27.3	40.9





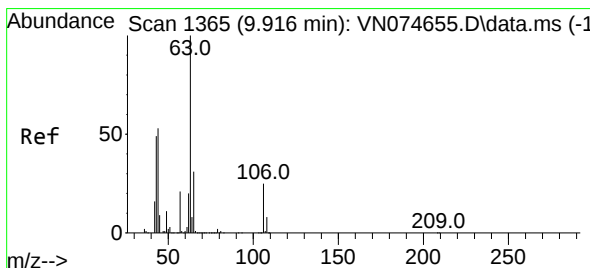
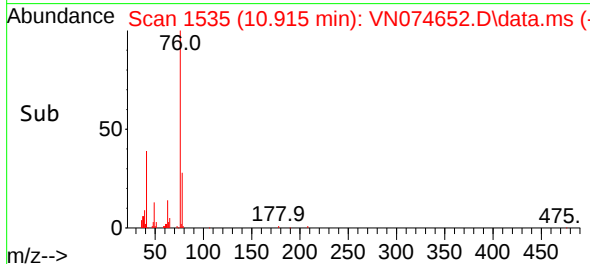
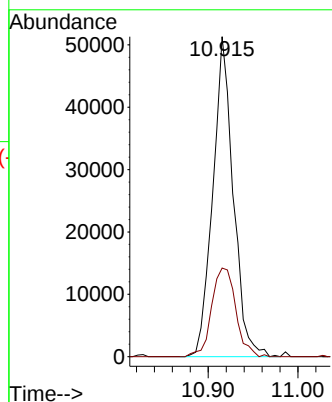
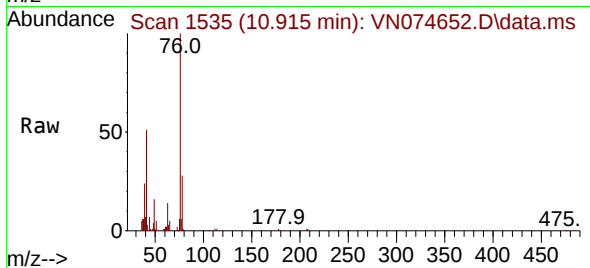
#57
1,3-Dichloropropane
Concen: 5.250 ug/l
RT: 10.915 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 81218
Ion Ratio Lower Upper
76 100
78 32.7 26.2 39.2

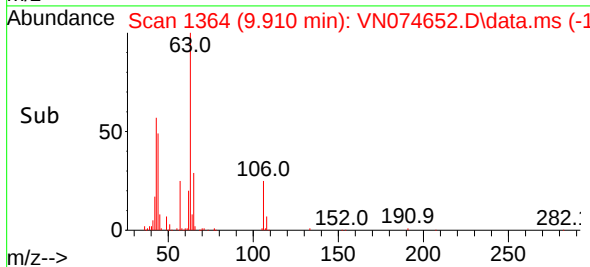
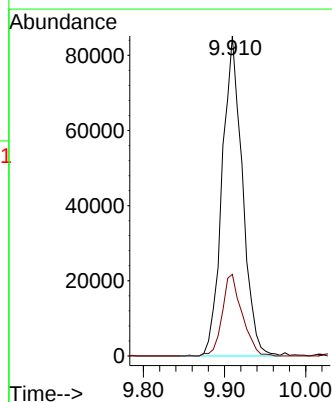
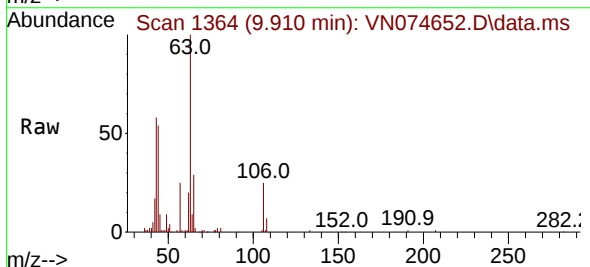
Manual Integrations
APPROVED

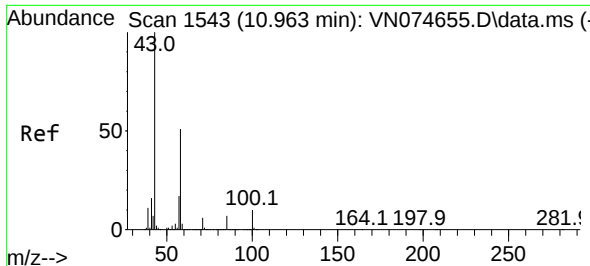
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#58
2-Chloroethyl Vinyl ether
Concen: 23.983 ug/l
RT: 9.910 min Scan# 1364
Delta R.T. -0.006 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

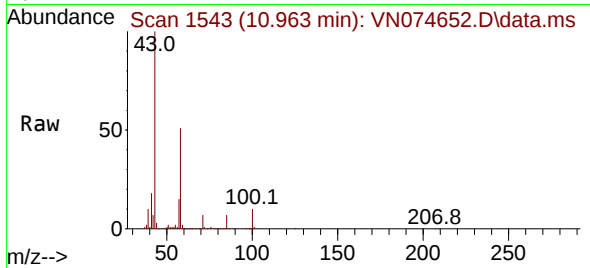
Tgt Ion: 63 Resp: 147634
Ion Ratio Lower Upper
63 100
106 25.0 24.6 36.8





#59
2-Hexanone
Concen: 25.547 ug/l
RT: 10.963 min Scan# 1543
Delta R.T. -0.000 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

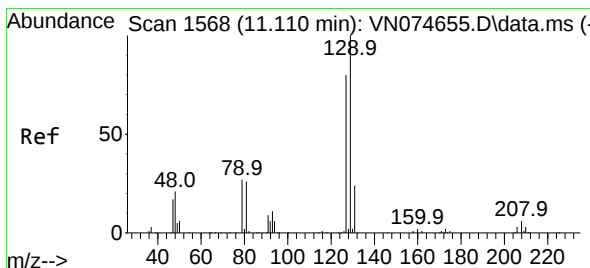
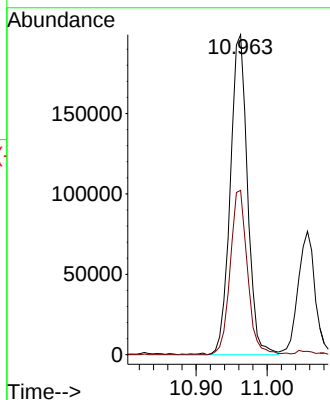
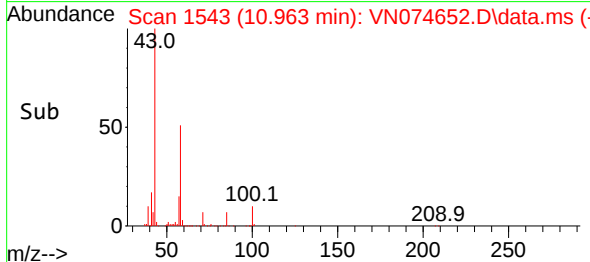
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 33684
Ion Ratio Lower Upper
43 100
58 51.3 29.7 89.1

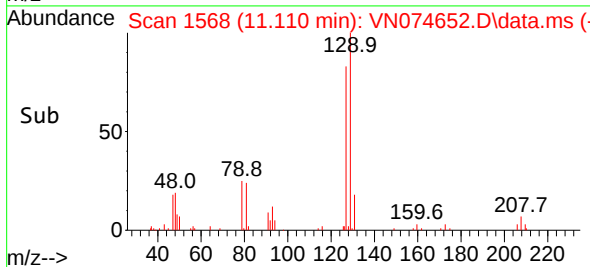
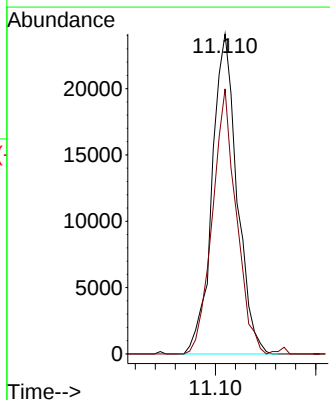
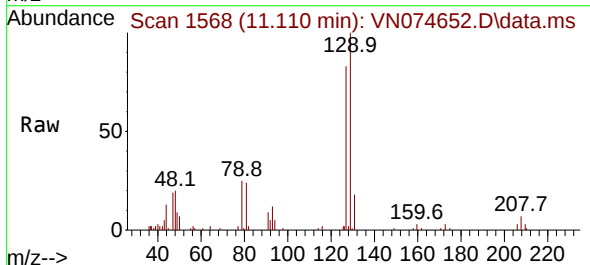
Manual Integrations
APPROVED

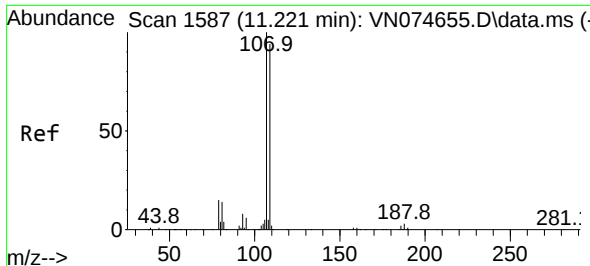
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#60
Dibromochloromethane
Concen: 4.949 ug/l
RT: 11.110 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

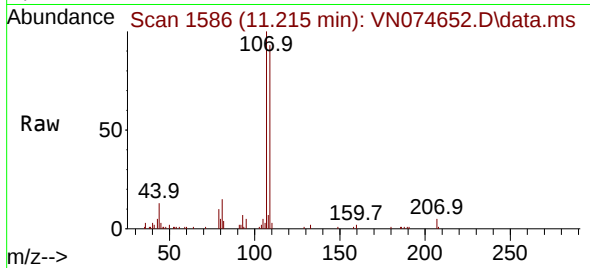
Tgt Ion:129 Resp: 41619
Ion Ratio Lower Upper
129 100
127 79.2 38.8 116.4





#61
1,2-Dibromoethane
Concen: 5.324 ug/l
RT: 11.215 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

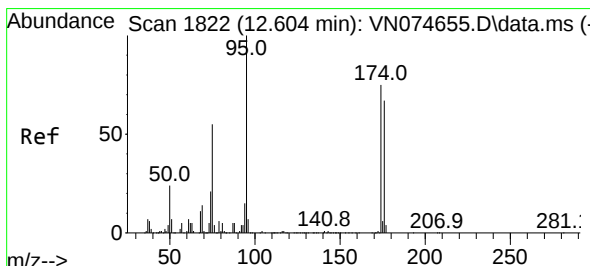
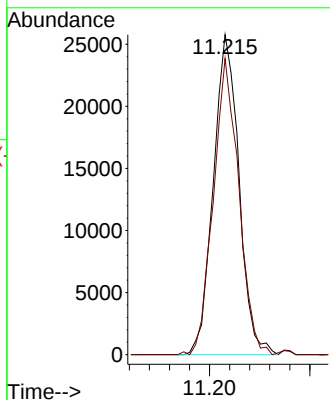
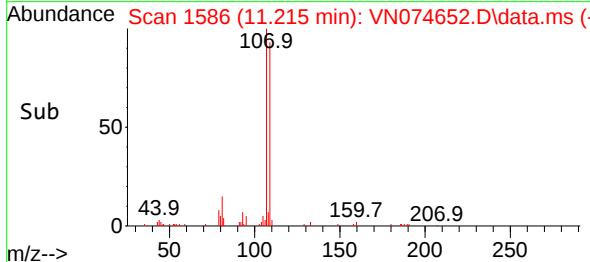
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



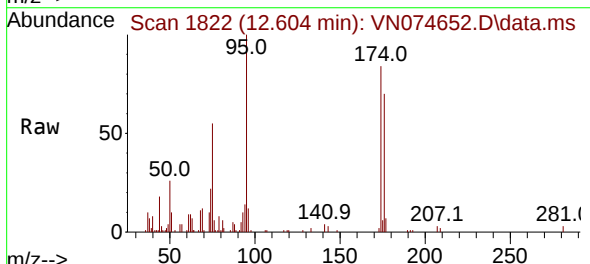
Tgt Ion:107 Resp: 45602
Ion Ratio Lower Upper
107 100
109 92.2 75.0 112.6

Manual Integrations
APPROVED

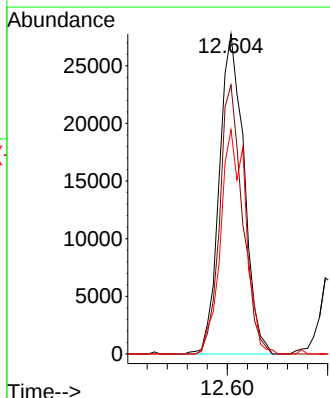
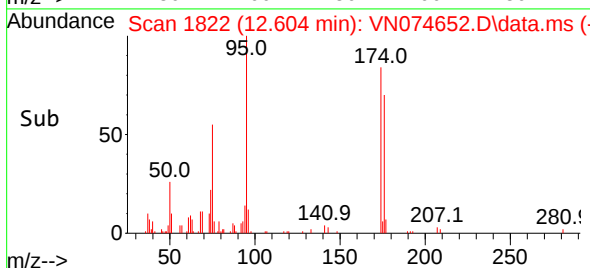
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

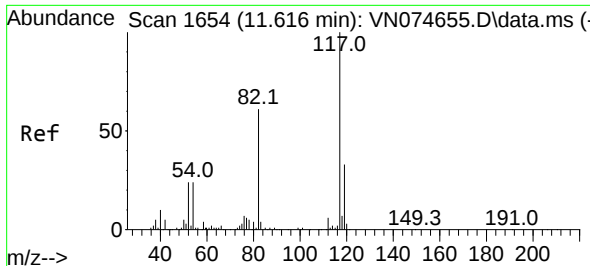


#62
4-Bromofluorobenzene
Concen: 4.876 ug/l
RT: 12.604 min Scan# 1822
Delta R.T. -0.000 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57



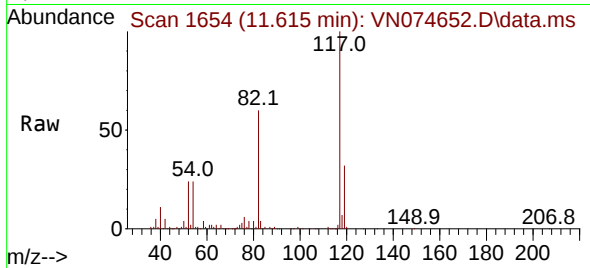
Tgt Ion: 95 Resp: 47328
Ion Ratio Lower Upper
95 100
174 77.9 0.0 167.6
176 71.8 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.615 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

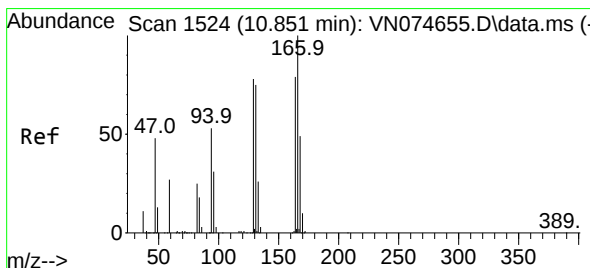
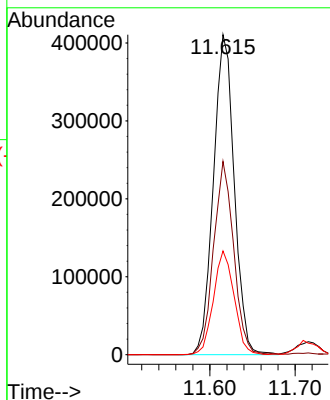
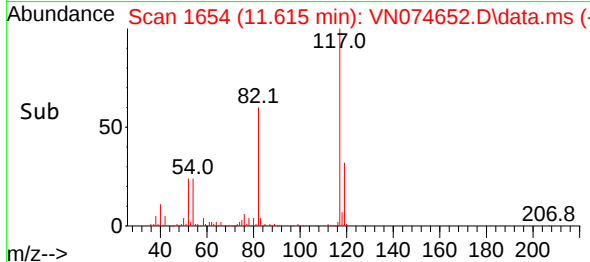
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



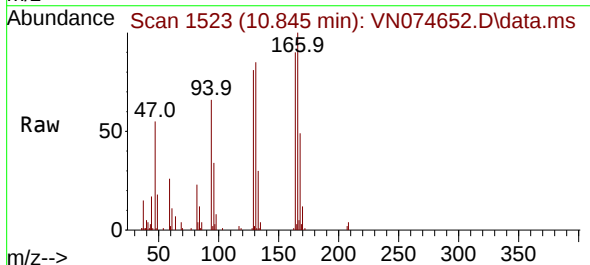
Tgt Ion:117 Resp: 697449
Ion Ratio Lower Upper
117 100
82 60.4 44.2 66.2
119 32.4 25.4 38.0

Manual Integrations
APPROVED

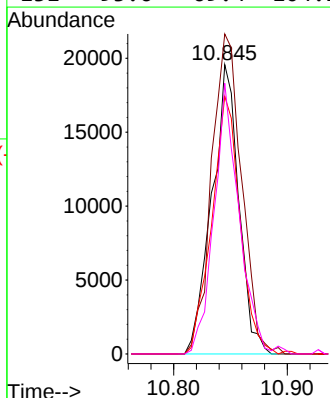
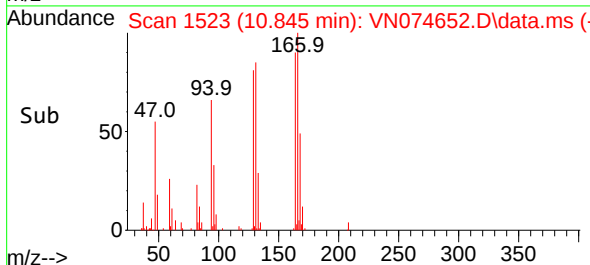
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

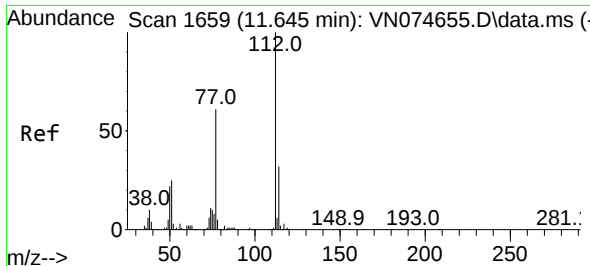


#64
Tetrachloroethene
Concen: 5.482 ug/l
RT: 10.845 min Scan# 1523
Delta R.T. -0.006 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57



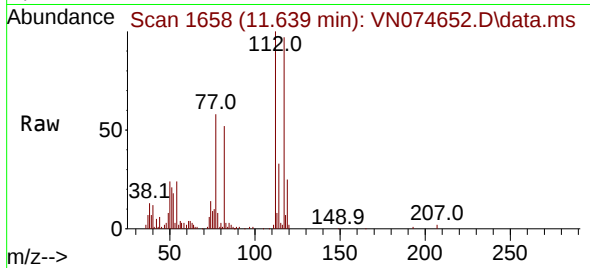
Tgt Ion:164 Resp: 32324
Ion Ratio Lower Upper
164 100
166 110.6 104.2 156.2
129 89.1 73.9 110.9
131 93.6 69.4 104.2





#65
Chlorobenzene
Concen: 5.307 ug/l
RT: 11.639 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

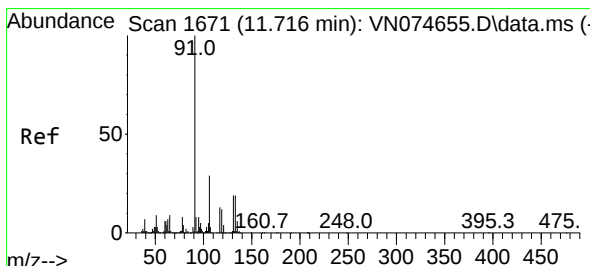
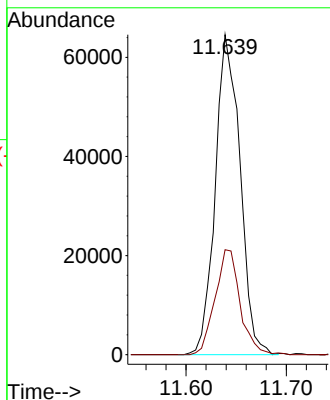
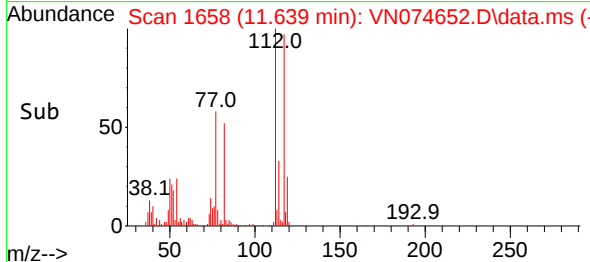
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



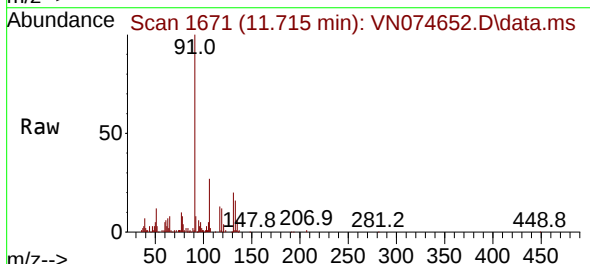
Tgt Ion:112 Resp: 110754
Ion Ratio Lower Upper
112 100
114 32.8 25.4 38.2

Manual Integrations
APPROVED

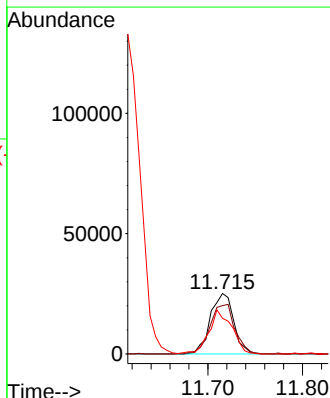
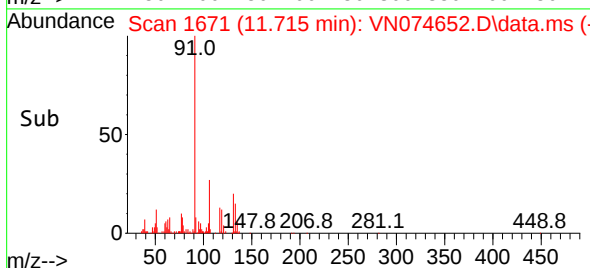
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

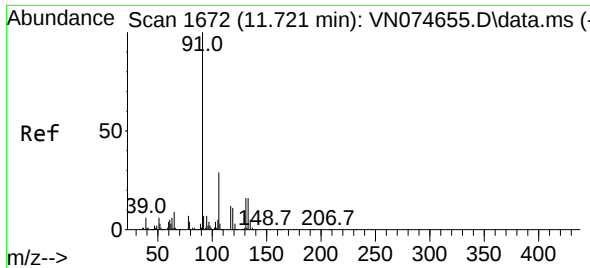


#66
1,1,1,2-Tetrachloroethane
Concen: 5.786 ug/l
RT: 11.715 min Scan# 1671
Delta R.T. -0.000 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57



Tgt Ion:131 Resp: 43075
Ion Ratio Lower Upper
131 100
133 87.3 47.8 143.4
119 71.2 33.4 100.2





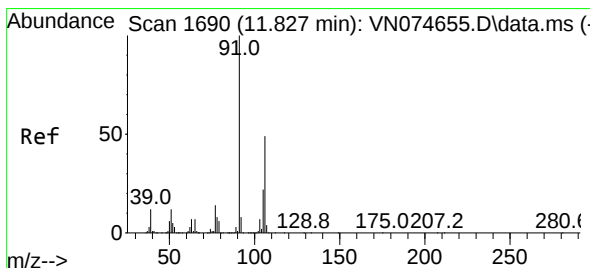
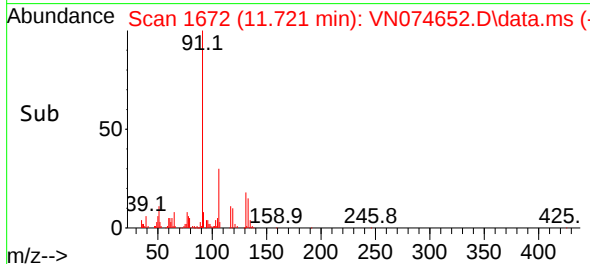
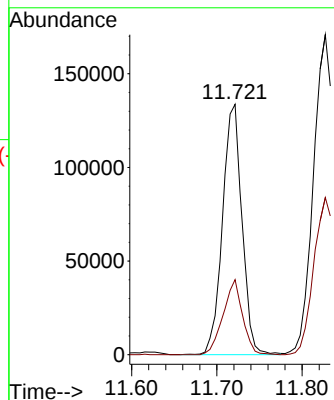
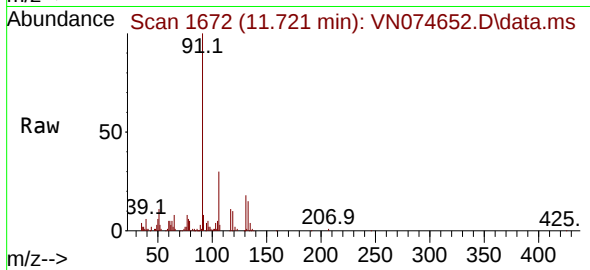
#67
Ethyl Benzene
Concen: 5.454 ug/l
RT: 11.721 min Scan# 1672
Delta R.T. -0.000 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 212945
Ion Ratio Lower Upper
91 100
106 30.0 24.9 37.3

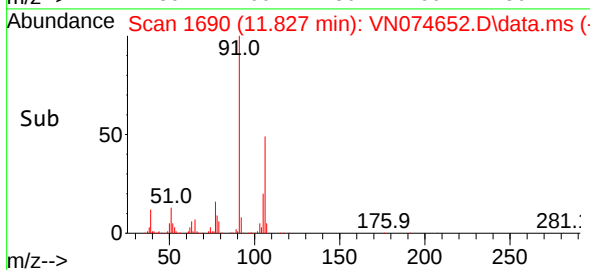
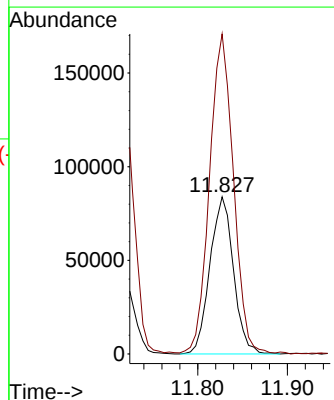
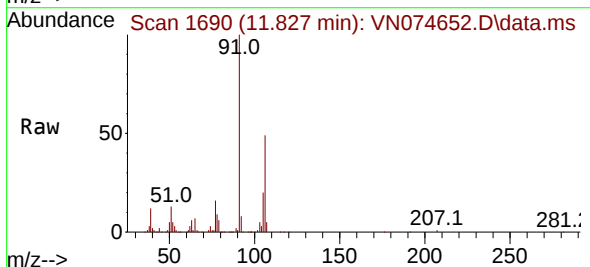
Manual Integrations
APPROVED

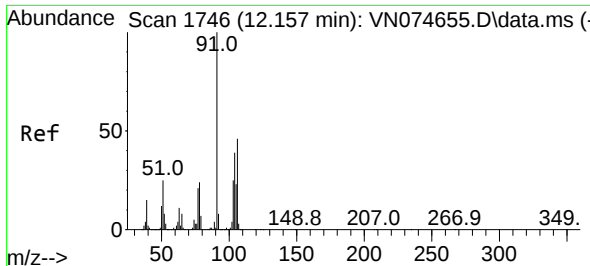
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#68
m/p-Xylenes
Concen: 10.341 ug/l
RT: 11.827 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

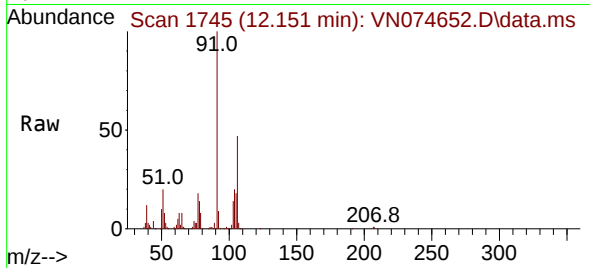
Tgt Ion:106 Resp: 152899
Ion Ratio Lower Upper
106 100
91 205.2 158.9 238.3





#69
o-Xylene
Concen: 5.375 ug/l
RT: 12.151 min Scan# 1745
Delta R.T. -0.006 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

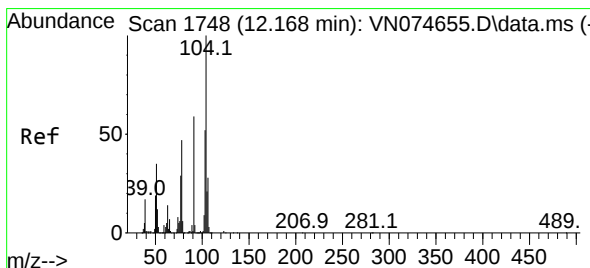
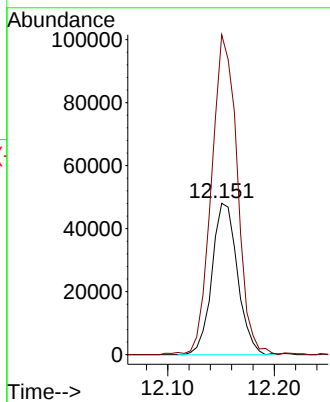
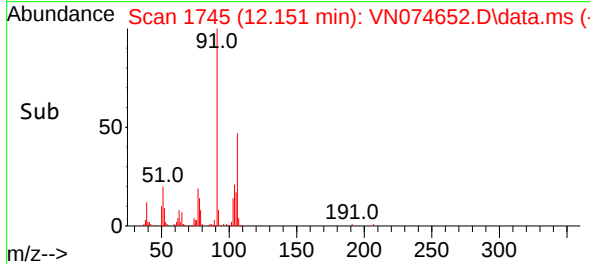
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



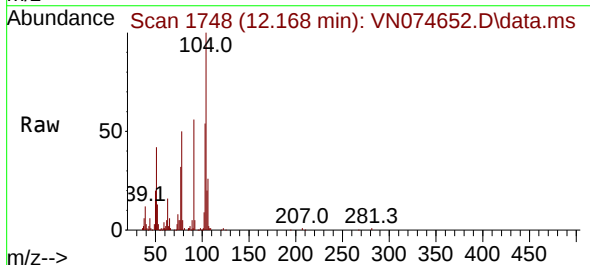
Tgt Ion:106 Resp: 7988
Ion Ratio Lower Upper
106 100
91 213.2 106.0 318.0

Manual Integrations
APPROVED

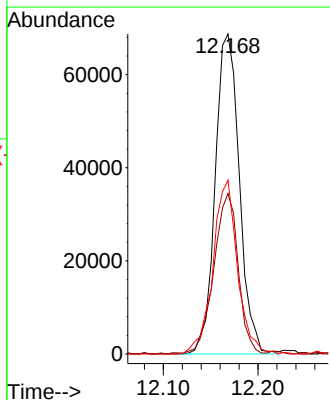
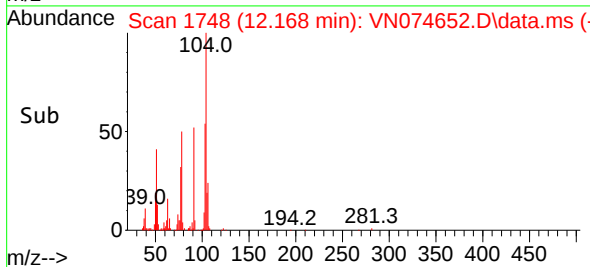
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

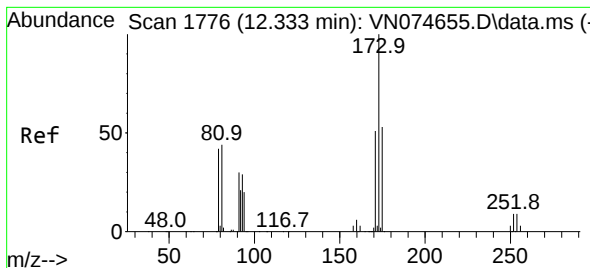


#70
Styrene
Concen: 5.141 ug/l
RT: 12.168 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57



Tgt Ion:104 Resp: 121857
Ion Ratio Lower Upper
104 100
78 50.6 39.5 59.3
103 55.3 44.0 66.0





#71

Bromoform

Concen: 4.936 ug/l

RT: 12.333 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN074652.D

Acq: 29 Sep 2022 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion:173 Resp: 2946

Ion Ratio Lower Upper

173 100

175 45.8 24.6 73.6

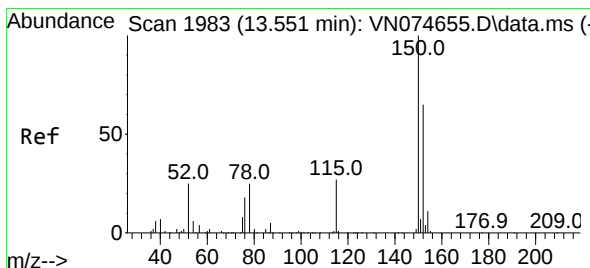
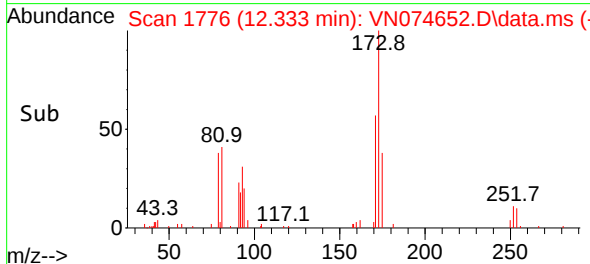
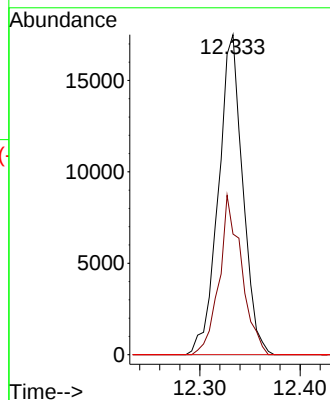
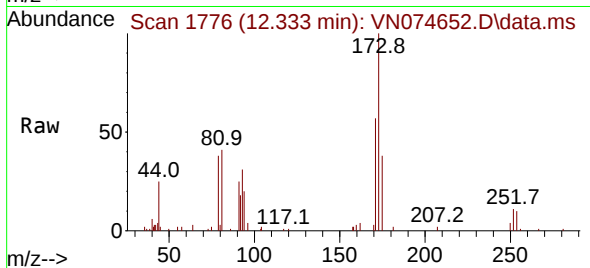
254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/05/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.545 min Scan# 1982

Delta R.T. -0.006 min

Lab File: VN074652.D

Acq: 29 Sep 2022 13:57

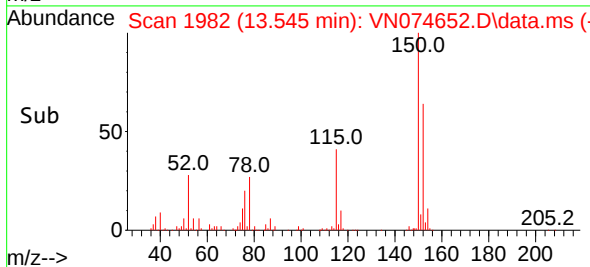
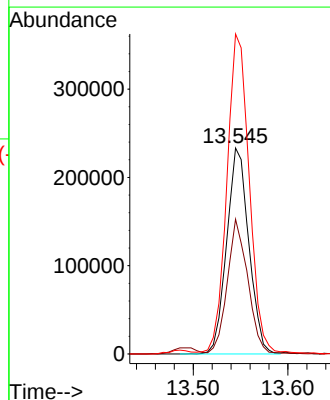
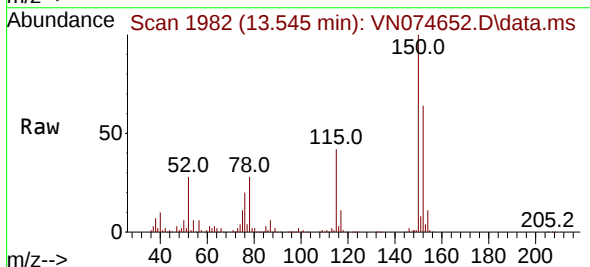
Tgt Ion:152 Resp: 378200

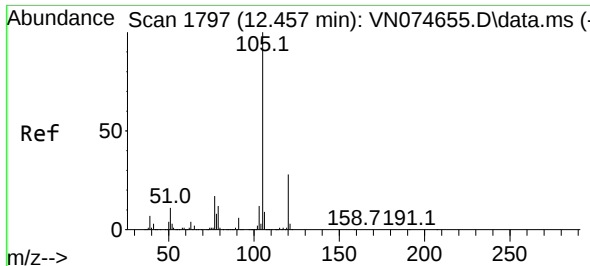
Ion Ratio Lower Upper

152 100

115 60.6 28.9 86.7

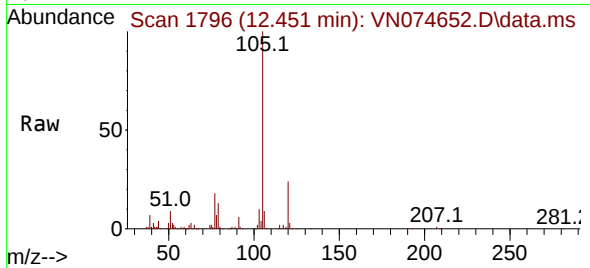
150 157.2 0.0 356.2





#73
Isopropylbenzene
Concen: 5.501 ug/l
RT: 12.451 min Scan# 1796
Delta R.T. -0.006 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

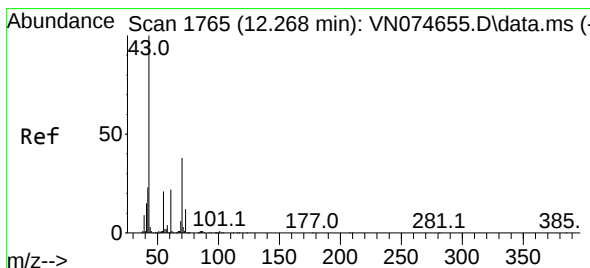
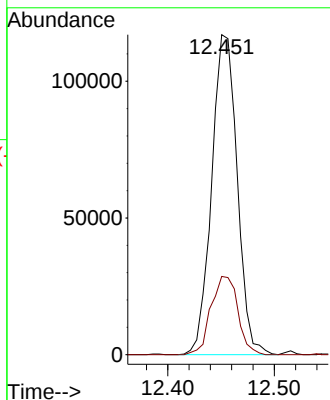
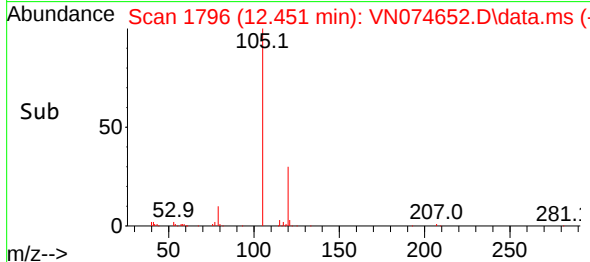
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion:105 Resp: 19488
Ion Ratio Lower Upper
105 100
120 25.7 13.5 40.4

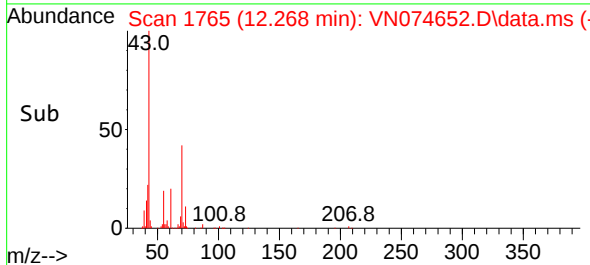
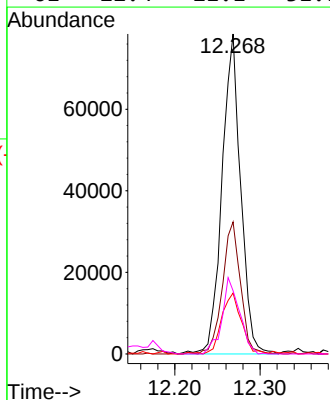
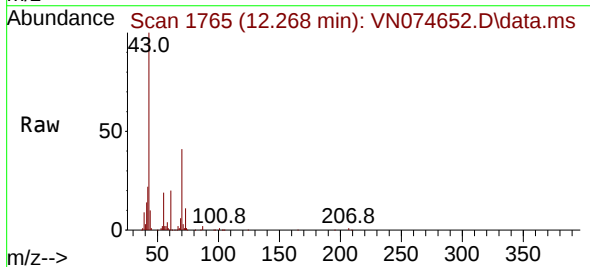
Manual Integrations
APPROVED

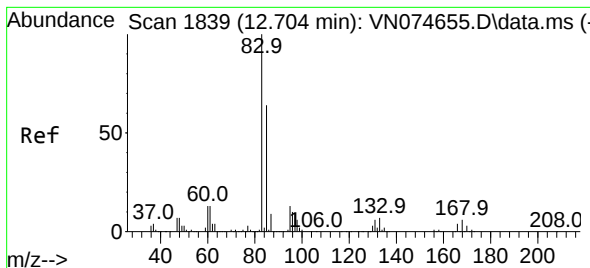
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#74
N-ethyl acetate
Concen: 5.505 ug/l
RT: 12.268 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

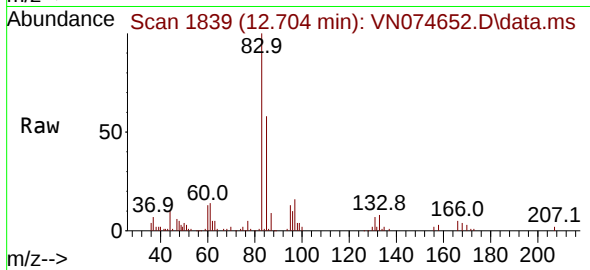
Tgt Ion: 43 Resp: 119481
Ion Ratio Lower Upper
43 100
70 40.0 39.0 58.4
55 20.3 21.1 31.7#
61 22.4 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 5.455 ug/l
RT: 12.704 min Scan# 1839
Delta R.T. -0.000 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

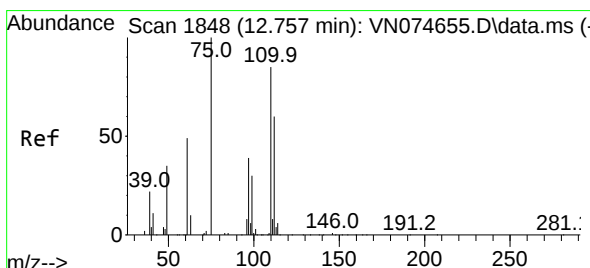
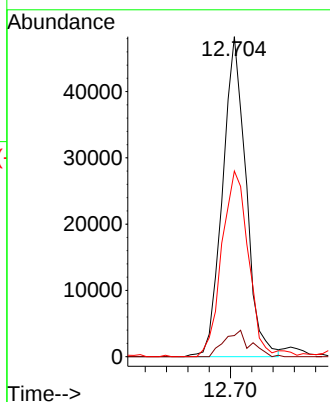
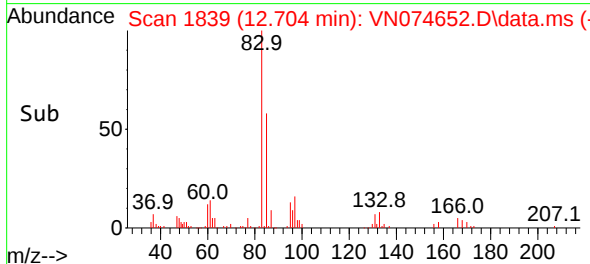
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



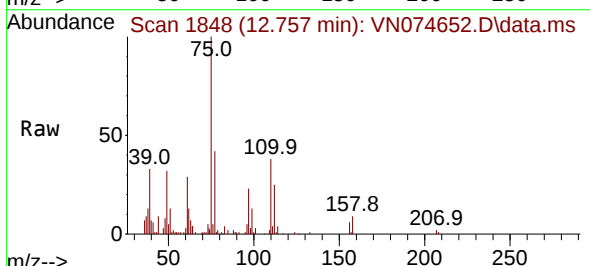
Tgt Ion: 83 Resp: 73538
Ion Ratio Lower Upper
83 100
131 9.1 5.3 15.9
85 67.1 32.3 96.9

Manual Integrations
APPROVED

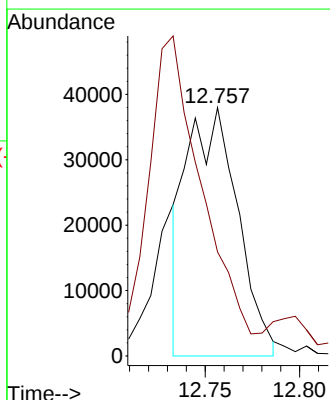
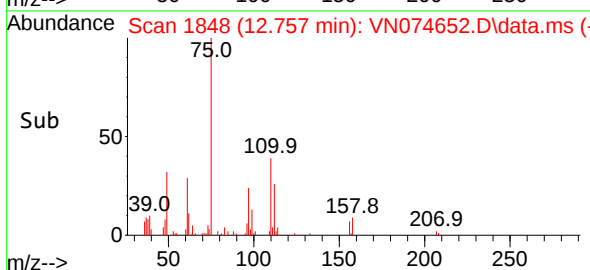
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

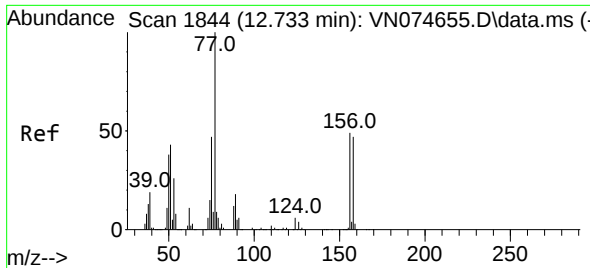


#76
1,2,3-Trichloropropane
Concen: 7.211 ug/l m
RT: 12.757 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57



Tgt Ion: 75 Resp: 70851
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





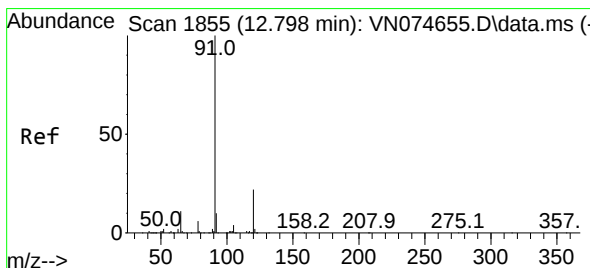
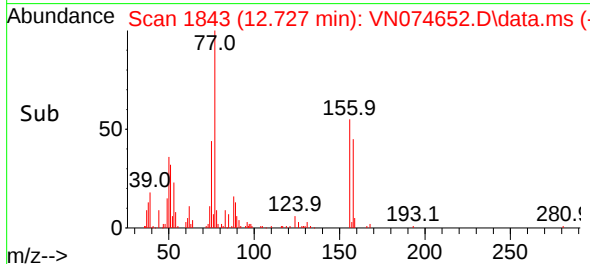
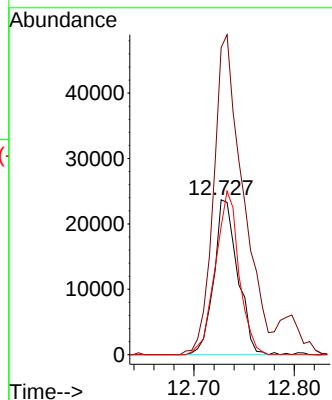
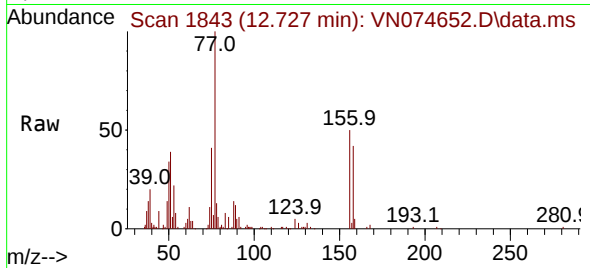
#77
Bromobenzene
Concen: 5.164 ug/l
RT: 12.727 min Scan# 1843
Delta R.T. -0.006 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:156 Resp: 3919
Ion Ratio Lower Upper
156 100
77 255.6 100.5 301.5
158 104.9 48.9 146.6

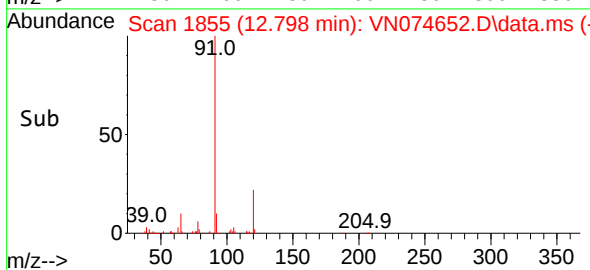
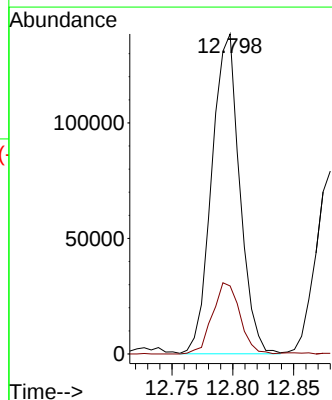
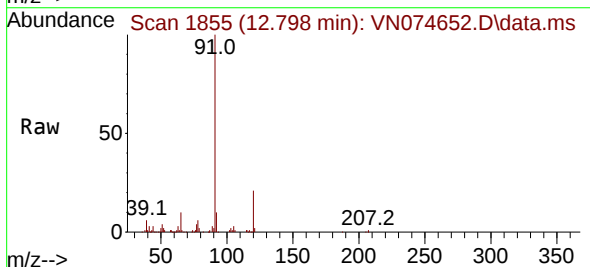
Manual Integrations
APPROVED

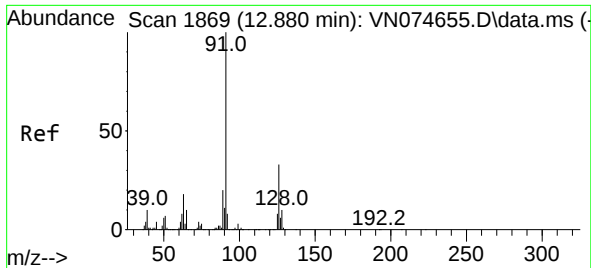
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#78
n-propylbenzene
Concen: 5.411 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

Tgt Ion: 91 Resp: 221133
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.5





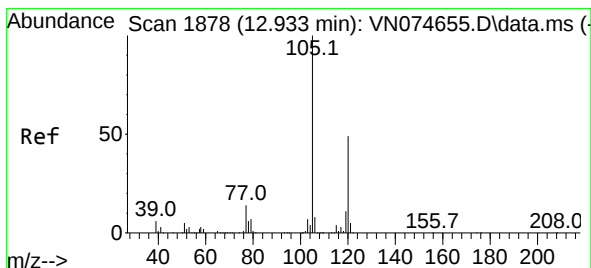
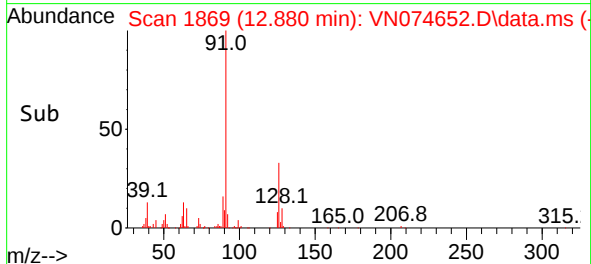
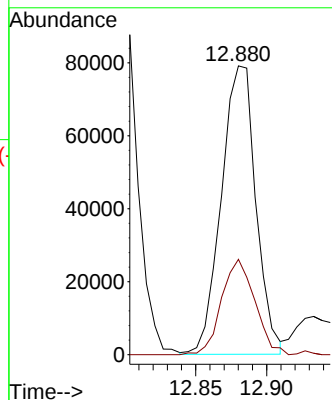
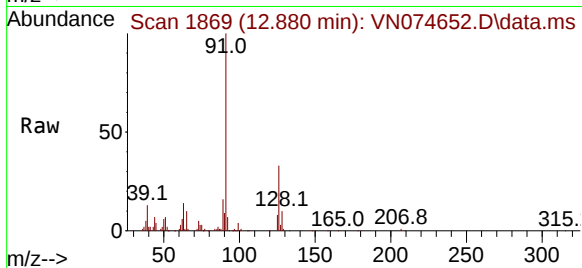
#79
2-Chlorotoluene
Concen: 5.457 ug/l
RT: 12.880 min Scan# 1869
Delta R.T. -0.000 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 13400
Ion Ratio Lower Upper
91 100
126 31.8 17.3 51.9

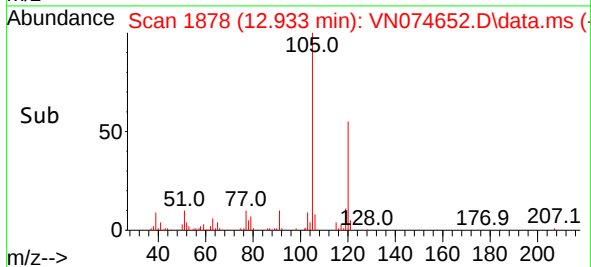
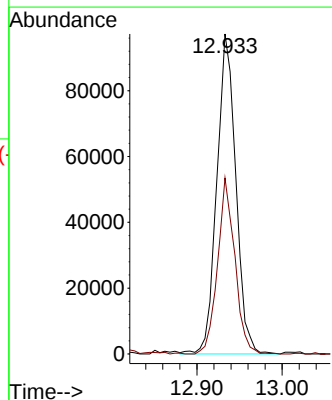
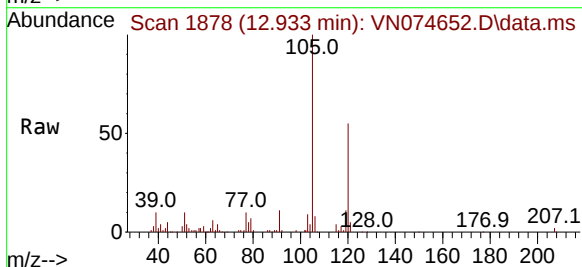
Manual Integrations
APPROVED

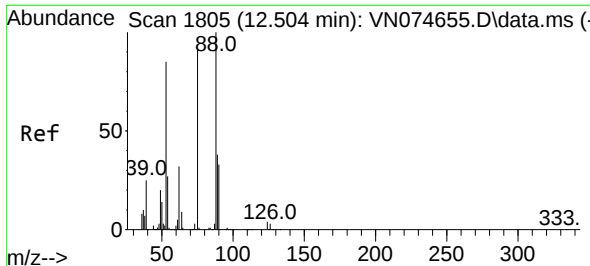
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#80
1,3,5-Trimethylbenzene
Concen: 5.332 ug/l
RT: 12.933 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

Tgt Ion:105 Resp: 150754
Ion Ratio Lower Upper
105 100
120 50.0 24.9 74.7





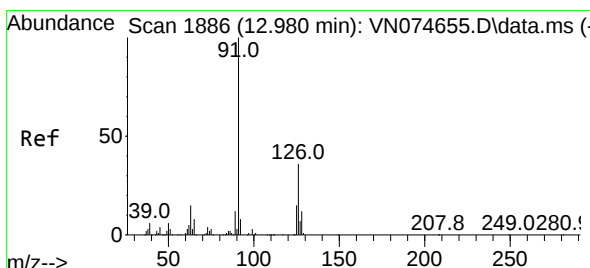
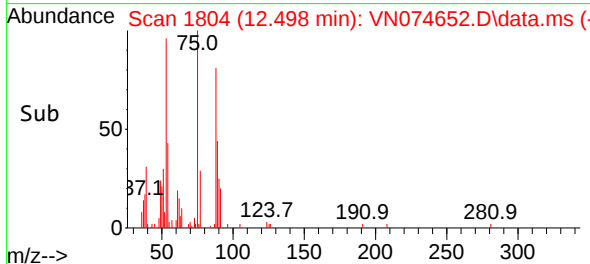
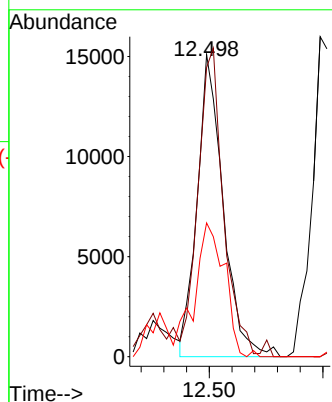
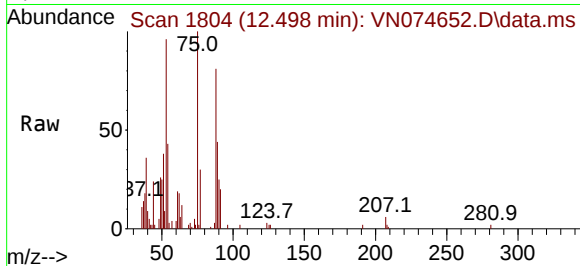
#81
trans-1,4-Dichloro-2-butene
Concen: 5.310 ug/l
RT: 12.498 min Scan# 1804
Delta R.T. -0.006 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 2403
Ion Ratio Lower Upper
75 100
53 97.4 78.0 117.0
89 50.5 37.2 55.8

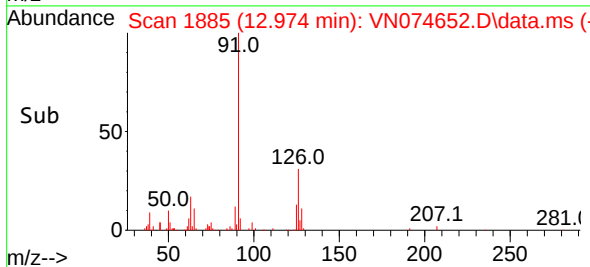
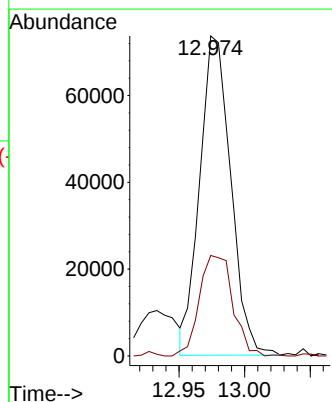
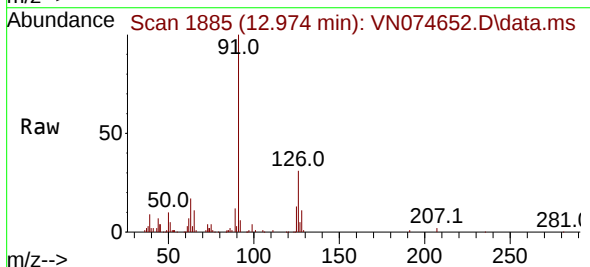
Manual Integrations
APPROVED

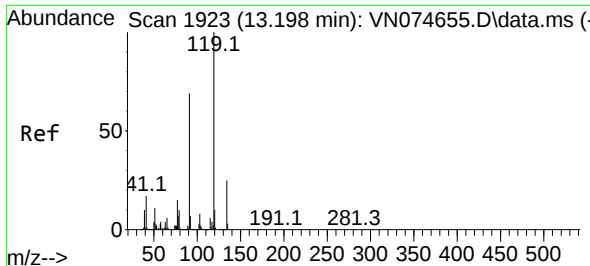
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#82
4-Chlorotoluene
Concen: 5.299 ug/l
RT: 12.974 min Scan# 1885
Delta R.T. -0.006 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

Tgt Ion: 91 Resp: 121106
Ion Ratio Lower Upper
91 100
126 34.0 17.2 51.6





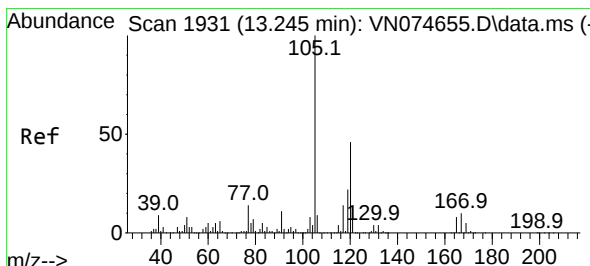
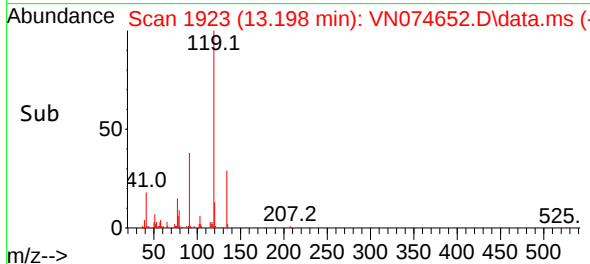
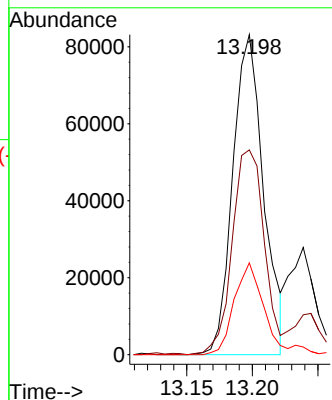
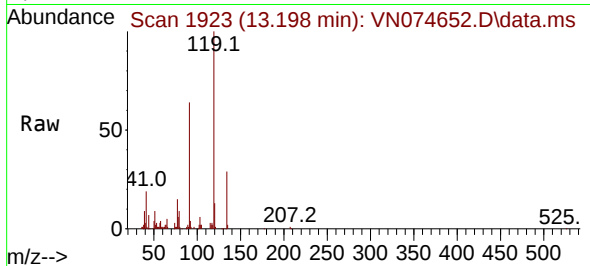
#83
tert-Butylbenzene
Concen: 5.380 ug/l
RT: 13.198 min Scan# 1923
Delta R.T. -0.000 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

Instrument : MSVOA_N
ClientSampleId : VSTDIC005

Tgt Ion:119 Resp: 135849
Ion Ratio Lower Upper
119 100
91 68.1 31.6 94.8
134 28.6 13.7 41.1

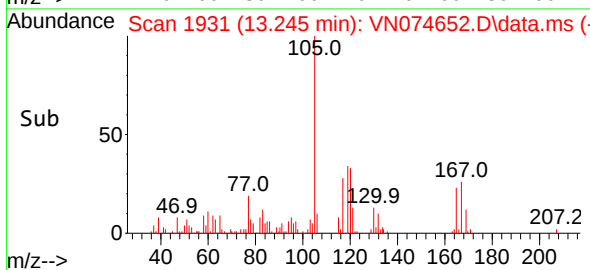
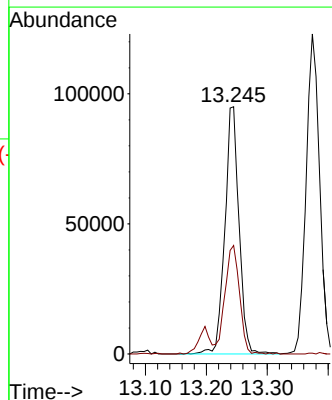
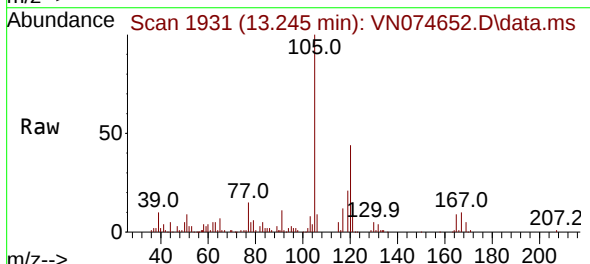
Manual Integrations
APPROVED

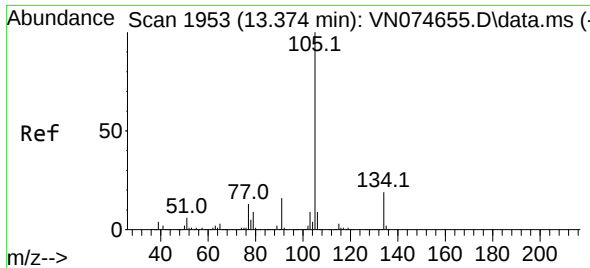
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#84
1,2,4-Trimethylbenzene
Concen: 5.452 ug/l
RT: 13.245 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

Tgt Ion:105 Resp: 153926
Ion Ratio Lower Upper
105 100
120 45.4 23.3 69.8





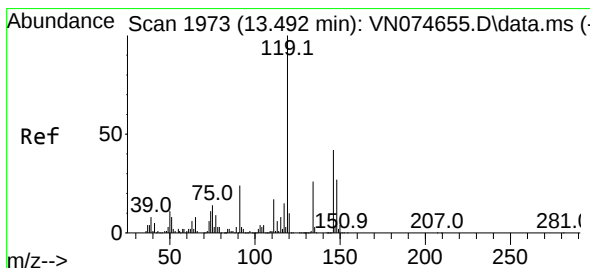
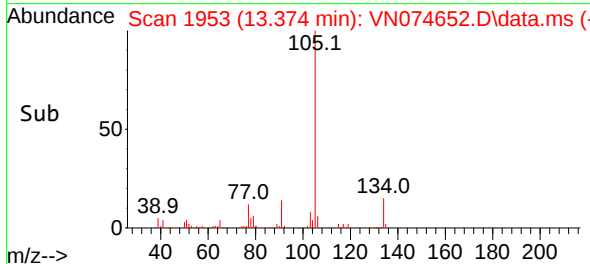
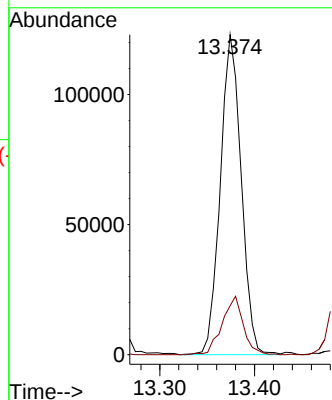
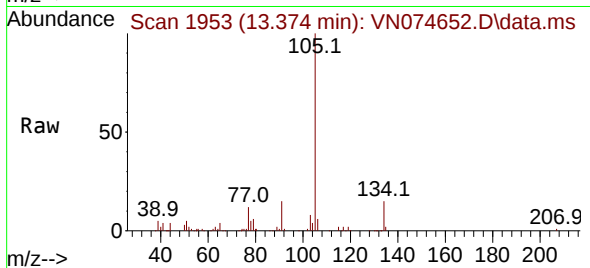
#85
 sec-Butylbenzene
 Concen: 5.330 ug/l
 RT: 13.374 min Scan# 1953
 Delta R.T. -0.000 min
 Lab File: VN074652.D
 Acq: 29 Sep 2022 13:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 189100
 Ion Ratio Lower Upper
 105 100
 134 18.4 10.4 31.1

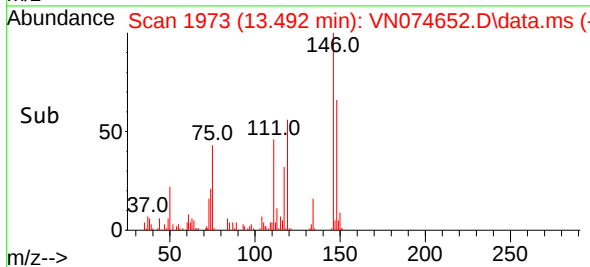
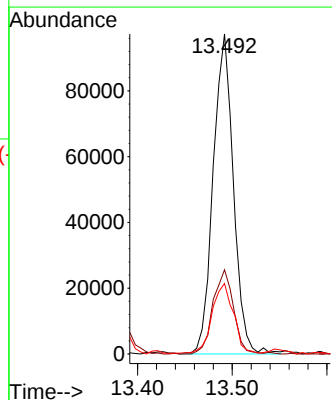
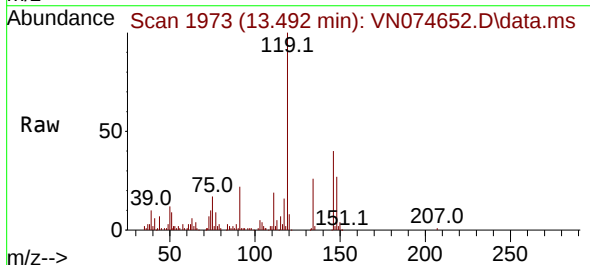
Manual Integrations
 APPROVED

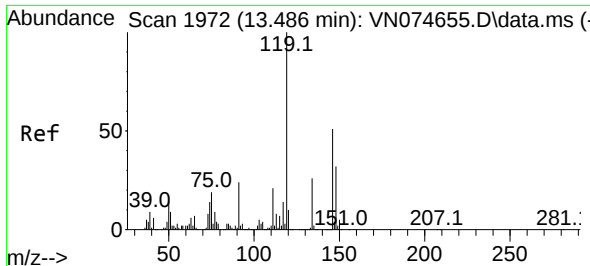
Reviewed By :John Carlone 09/30/2022
 Supervised By :Mahesh Dadoda 10/05/2022



#86
 p-Isopropyltoluene
 Concen: 5.136 ug/l
 RT: 13.492 min Scan# 1973
 Delta R.T. -0.000 min
 Lab File: VN074652.D
 Acq: 29 Sep 2022 13:57

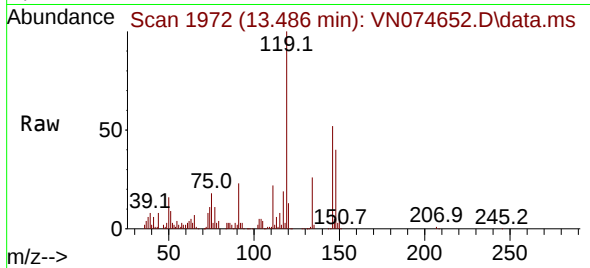
Tgt Ion:119 Resp: 144379
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 23.0 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 5.267 ug/l
RT: 13.486 min Scan# 1972
Delta R.T. -0.000 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

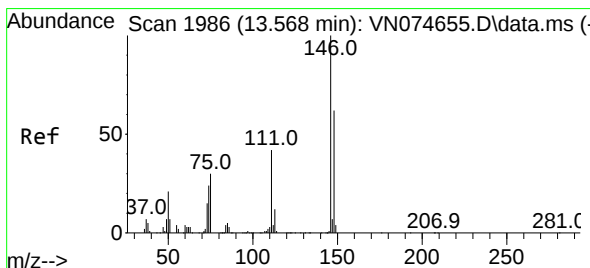
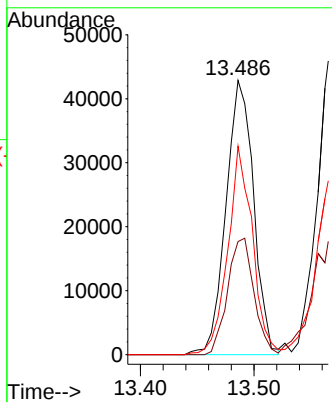
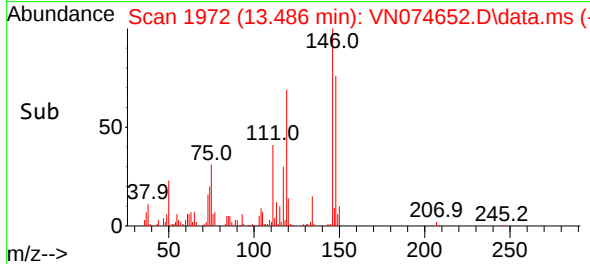
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



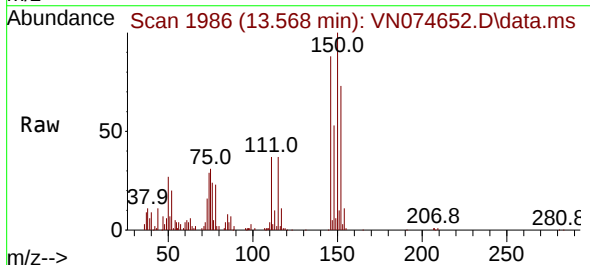
Tgt Ion:146 Resp: 72528
Ion Ratio Lower Upper
146 100
111 40.5 20.0 60.0
148 67.7 32.0 96.0

Manual Integrations
APPROVED

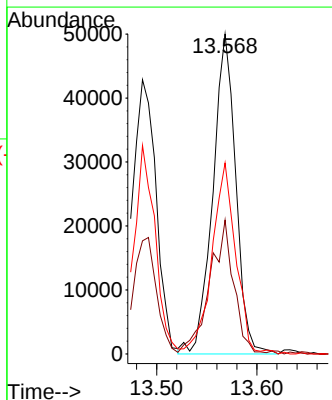
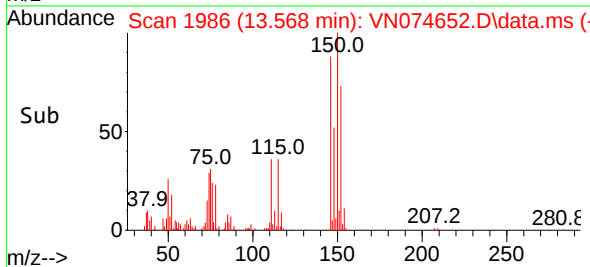
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

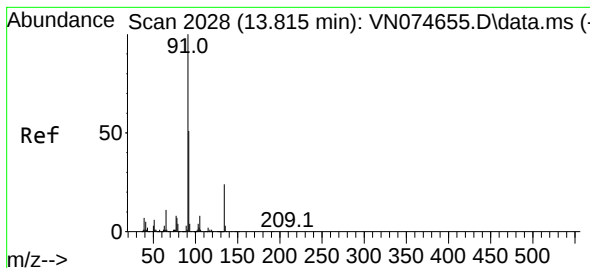


#88
1,4-Dichlorobenzene
Concen: 5.655 ug/l
RT: 13.568 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57



Tgt Ion:146 Resp: 79590
Ion Ratio Lower Upper
146 100
111 43.0 19.1 57.1
148 62.5 31.4 94.3





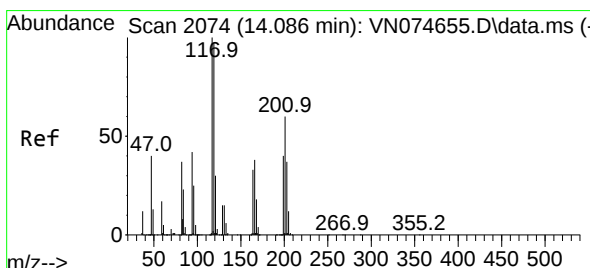
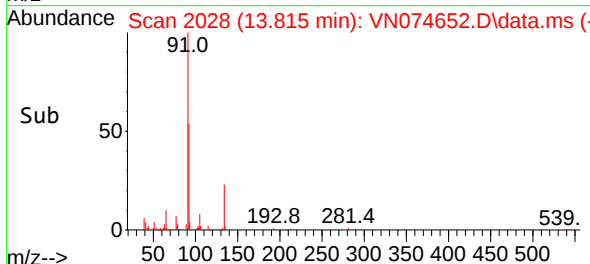
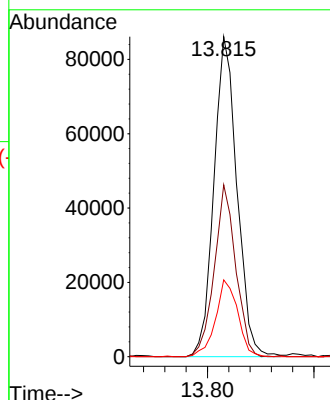
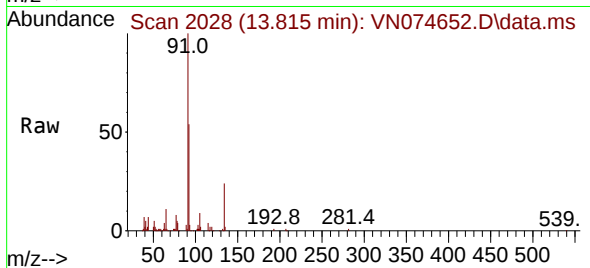
#89
n-Butylbenzene
Concen: 5.219 ug/l
RT: 13.815 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 129418
Ion Ratio Lower Upper
91 100
92 49.9 26.9 80.7
134 23.1 13.6 40.8

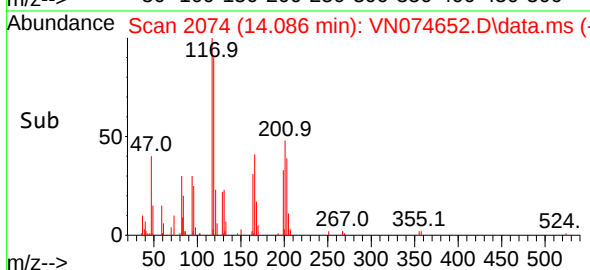
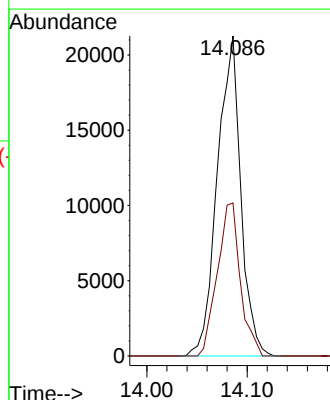
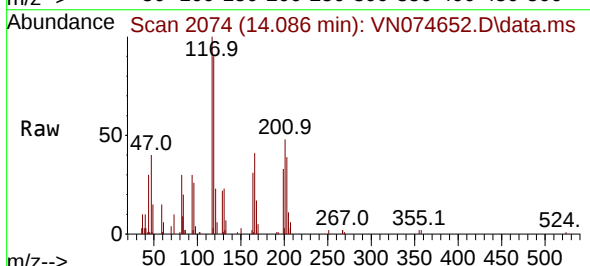
Manual Integrations
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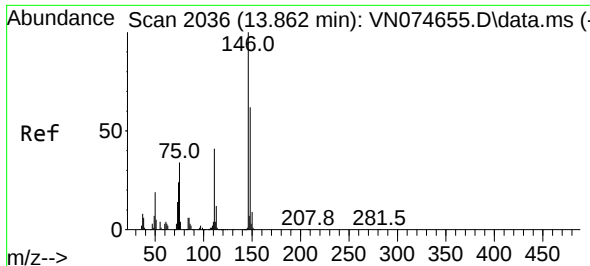
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#90
Hexachloroethane
Concen: 5.697 ug/l
RT: 14.086 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

Tgt Ion:117 Resp: 34461
Ion Ratio Lower Upper
117 100
201 46.9 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 5.296 ug/l

RT: 13.862 min Scan# 2036

Delta R.T. -0.000 min

Lab File: VN074652.D

Acq: 29 Sep 2022 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

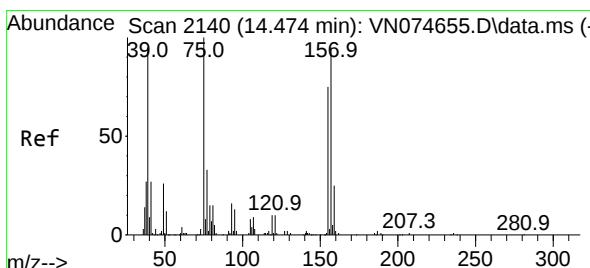
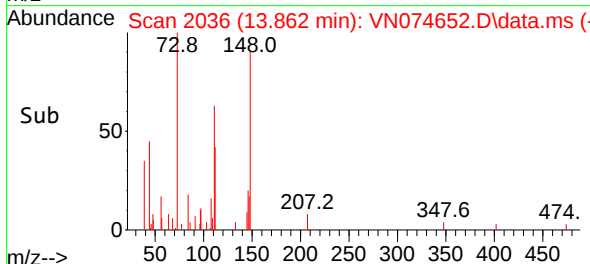
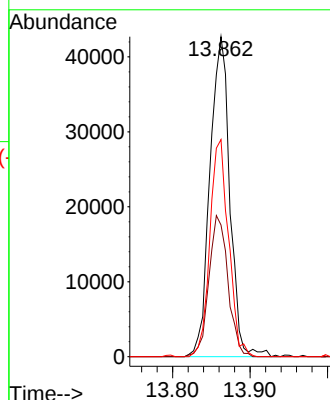
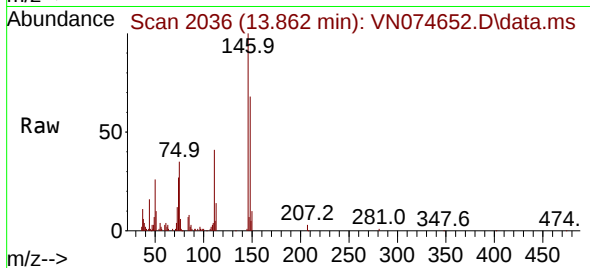
Tgt Ion:	146	Resp:	7611
Ion Ratio	Lower	Upper	
146	100		
111	42.3	20.9	62.8
148	63.6	32.1	96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/05/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.214 ug/l

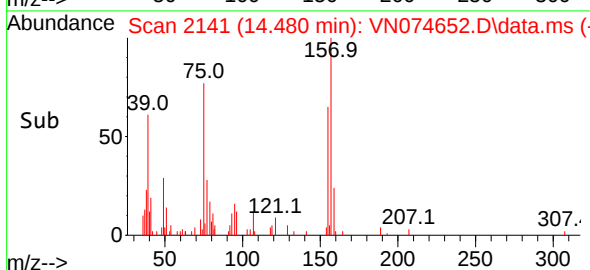
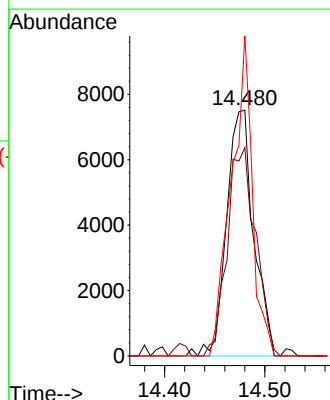
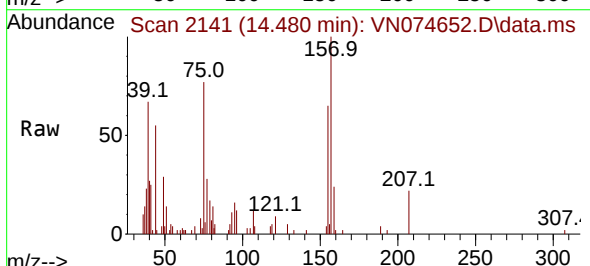
RT: 14.480 min Scan# 2141

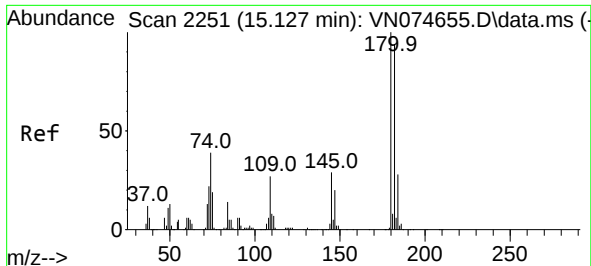
Delta R.T. 0.006 min

Lab File: VN074652.D

Acq: 29 Sep 2022 13:57

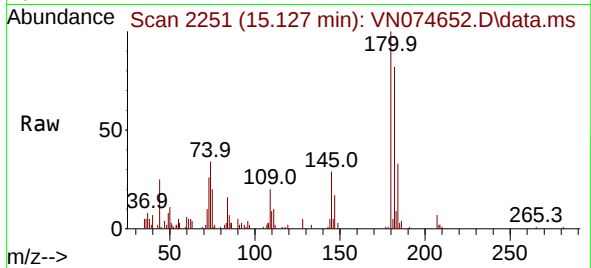
Tgt Ion:	75	Resp:	14162
Ion Ratio	Lower	Upper	
75	100		
155	88.5	44.9	134.5
157	101.0	59.0	176.8





#93
1,2,4-Trichlorobenzene
Concen: 5.377 ug/l
RT: 15.127 min Scan# 2251
Delta R.T. -0.000 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57

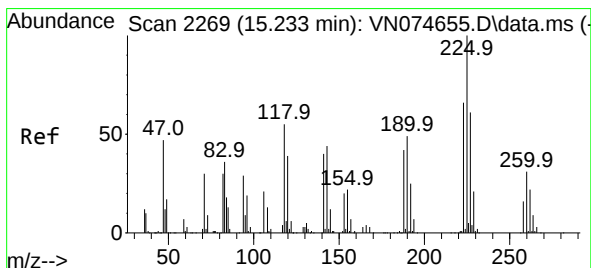
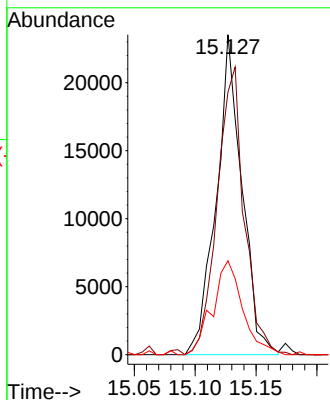
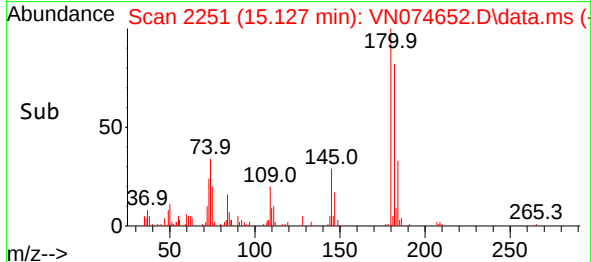
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



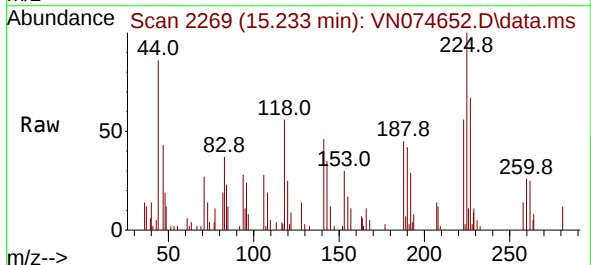
Tgt Ion:180 Resp: 3452
Ion Ratio Lower Upper
180 100
182 94.8 47.5 142.5
145 34.5 14.5 43.5

Manual Integrations
APPROVED

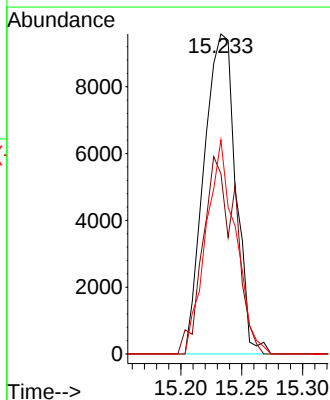
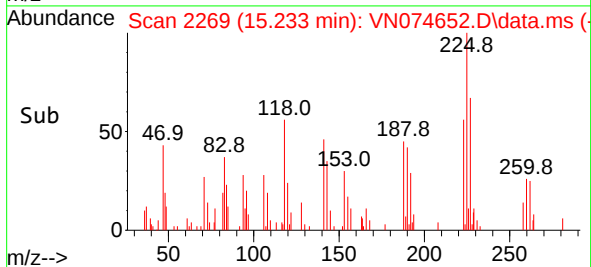
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

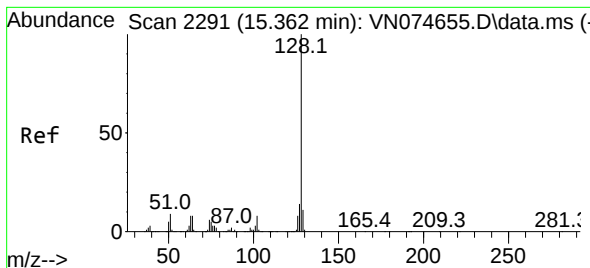


#94
Hexachlorobutadiene
Concen: 5.531 ug/l
RT: 15.233 min Scan# 2269
Delta R.T. -0.000 min
Lab File: VN074652.D
Acq: 29 Sep 2022 13:57



Tgt Ion:225 Resp: 17380
Ion Ratio Lower Upper
225 100
223 63.3 32.4 97.2
227 62.1 31.8 95.4





#95

Naphthalene

Concen: 5.291 ug/l

RT: 15.362 min Scan# 2291

Delta R.T. -0.000 min

Lab File: VN074652.D

Acq: 29 Sep 2022 13:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

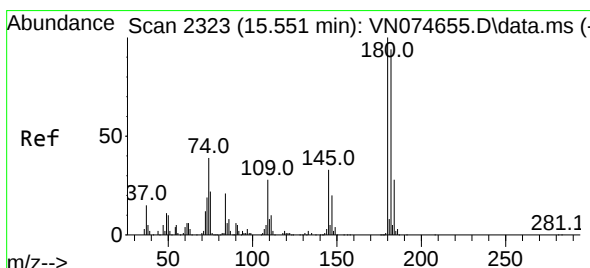
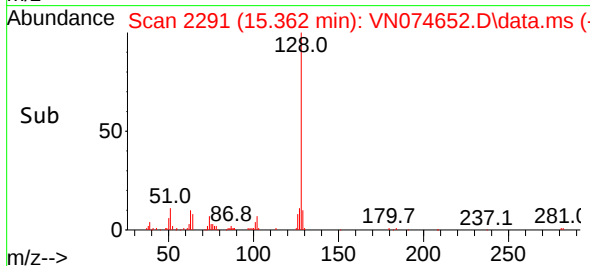
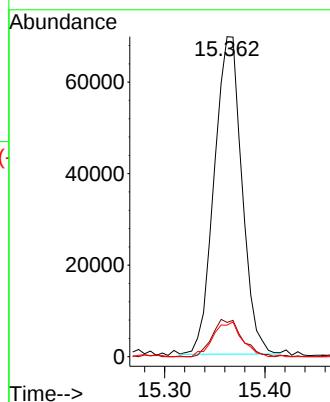
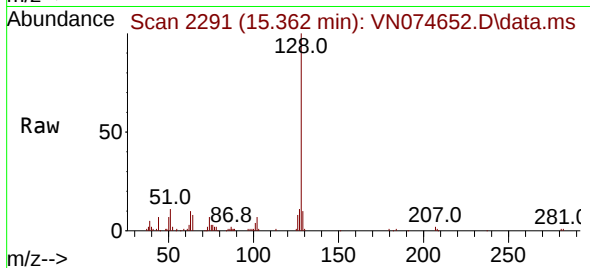
Tgt Ion:	128	Resp:	13291
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.3	15.5
129	11.5	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/05/2022



#96

1,2,3-Trichlorobenzene

Concen: 5.290 ug/l

RT: 15.550 min Scan# 2323

Delta R.T. -0.000 min

Lab File: VN074652.D

Acq: 29 Sep 2022 13:57

Tgt Ion:	180	Resp:	33812
Ion Ratio	Lower	Upper	
180	100		
182	97.8	47.8	143.3
145	38.9	15.5	46.5

