

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092922\
 Data File : VN074654.D
 Acq On : 29 Sep 2022 14:56
 Operator : JC\MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Sep 30 07:09:37 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	7.934	168	389361	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.828	114	712671	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.616	117	745089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.551	152	424062	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.286	65	181261	18.575	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	37.160%#		
35) Dibromofluoromethane	7.863	113	142903	18.944	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	37.880%#		
50) Toluene-d8	10.310	98	592514	18.674	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	37.340%#		
62) 4-Bromofluorobenzene	12.604	95	170903	16.987	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	33.980%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.005	85	163695	20.082	ug/l	97
3) Chloromethane	2.216	50	239653	20.097	ug/l	98
4) Vinyl Chloride	2.357	62	356865	20.609	ug/l	95
5) Bromomethane	2.734	94	245209	20.500	ug/l	99
6) Chloroethane	2.899	64	293306	22.043	ug/l	90
7) Trichlorofluoromethane	3.246	101	230265	19.126	ug/l	92
8) Diethyl Ether	3.681	74	106241	18.598	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.040	101	137677	19.189	ug/l	90
10) Methyl Iodide	4.251	142	171290	20.092	ug/l	94
11) Tert butyl alcohol	5.169	59	252992	97.078	ug/l	96
12) 1,1-Dichloroethene	4.022	96	136299	18.743	ug/l	87
13) Acrolein	3.893	56	107308	95.289	ug/l	95
14) Allyl chloride	4.657	41	314421	20.017	ug/l	95
15) Acrylonitrile	5.357	53	618887	100.642	ug/l	98
16) Acetone	4.128	43	496784	94.323	ug/l	100
17) Carbon Disulfide	4.357	76	399500	18.824	ug/l	100
18) Methyl Acetate	4.669	43	349704	19.397	ug/l	91
19) Methyl tert-butyl Ether	5.416	73	538054	19.386	ug/l	96
20) Methylene Chloride	4.904	84	175646	17.569	ug/l #	84
21) trans-1,2-Dichloroethene	5.398	96	146799	18.479	ug/l	96
22) Diisopropyl ether	6.304	45	627774	19.646	ug/l	96
23) Vinyl Acetate	6.245	43	2764077	98.417	ug/l #	93
24) 1,1-Dichloroethane	6.198	63	321253	19.701	ug/l	100
25) 2-Butanone	7.163	43	873391	97.238	ug/l	91
26) 2,2-Dichloropropane	7.151	77	262205	18.908	ug/l	98
27) cis-1,2-Dichloroethene	7.151	96	185338	19.074	ug/l	94
28) Bromochloromethane	7.492	49	158669	21.430	ug/l #	68
29) Tetrahydrofuran	7.516	42	598667	101.017	ug/l	88
30) Chloroform	7.657	83	300831	20.019	ug/l	98
31) Cyclohexane	7.939	56	300642	18.963	ug/l	87
32) 1,1,1-Trichloroethane	7.857	97	253242	19.204	ug/l	97
36) 1,1-Dichloropropene	8.069	75	219142	18.140	ug/l	96
37) Ethyl Acetate	7.239	43	353162	19.716	ug/l	95
38) Carbon Tetrachloride	8.051	117	209372	18.918	ug/l	95
39) Methylcyclohexane	9.322	83	295314	19.581	ug/l	96
40) Benzene	8.304	78	727551	19.540	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.469	41	138339	17.678	ug/l	94
42) 1,2-Dichloroethane	8.386	62	235195	18.802	ug/l	99
43) Isopropyl Acetate	8.416	43	554189	19.390	ug/l #	93
44) Trichloroethene	9.075	130	153270	19.758	ug/l	99
45) 1,2-Dichloropropane	9.351	63	192923	19.033	ug/l	100
46) Dibromomethane	9.445	93	120794	18.906	ug/l #	85
47) Bromodichloromethane	9.628	83	234465	18.777	ug/l	100
48) Methyl methacrylate	9.428	41	226841	19.260	ug/l	91
49) 1,4-Dioxane	9.433	88	87283	388.507	ug/l #	92
51) 4-Methyl-2-Pentanone	10.204	43	1771293	97.939	ug/l	90
52) Toluene	10.375	92	433788	19.294	ug/l	99
53) t-1,3-Dichloropropene	10.592	75	276008	19.499	ug/l	95
54) cis-1,3-Dichloropropene	10.057	75	297293	19.064	ug/l	94
55) 1,1,2-Trichloroethane	10.775	97	170539	18.822	ug/l	96
56) Ethyl methacrylate	10.639	69	306988	19.641	ug/l #	85
57) 1,3-Dichloropropane	10.916	76	308395	19.232	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.916	63	611417	95.817	ug/l #	88
59) 2-Hexanone	10.963	43	1335770	97.729	ug/l	91
60) Dibromochloromethane	11.116	129	167243	19.186	ug/l	99
61) 1,2-Dibromoethane	11.222	107	172421	19.420	ug/l	100
64) Tetrachloroethene	10.845	164	117417	18.640	ug/l	96
65) Chlorobenzene	11.645	112	432375	19.394	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.716	131	151927	19.101	ug/l	94
67) Ethyl Benzene	11.722	91	807824	19.366	ug/l	99
68) m/p-Xylenes	11.827	106	599792	37.973	ug/l	93
69) o-Xylene	12.157	106	310751	19.572	ug/l	98
70) Styrene	12.169	104	486273	19.203	ug/l	96
71) Bromoform	12.327	173	117522	18.427	ug/l #	97
73) Isopropylbenzene	12.457	105	778556	19.599	ug/l	100
74) N-amyl acetate	12.269	43	452413	18.590	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.704	83	296951	19.647	ug/l	98
76) 1,2,3-Trichloropropane	12.757	75	204905m	18.598	ug/l	
77) Bromobenzene	12.733	156	158921	18.674	ug/l	76
78) n-propylbenzene	12.798	91	916035	19.991	ug/l	94
79) 2-Chlorotoluene	12.880	91	522601	18.979	ug/l	97
80) 1,3,5-Trimethylbenzene	12.933	105	635358	20.043	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.498	75	100555	19.816	ug/l	98
82) 4-Chlorotoluene	12.980	91	496173	19.363	ug/l	97
83) tert-Butylbenzene	13.198	119	547839	19.351	ug/l	96
84) 1,2,4-Trimethylbenzene	13.245	105	636698	20.113	ug/l	98
85) sec-Butylbenzene	13.374	105	781657	19.647	ug/l	98
86) p-Isopropyltoluene	13.492	119	615569	19.530	ug/l	98
87) 1,3-Dichlorobenzene	13.492	146	294036	19.042	ug/l	98
88) 1,4-Dichlorobenzene	13.568	146	282680	17.912	ug/l	95
89) n-Butylbenzene	13.816	91	536402	19.290	ug/l	96
90) Hexachloroethane	14.080	117	128964	19.015	ug/l	83
91) 1,2-Dichlorobenzene	13.863	146	304789	18.915	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.480	75	57062	18.737	ug/l	87
93) 1,2,4-Trichlorobenzene	15.127	180	140019	19.450	ug/l	95
94) Hexachlorobutadiene	15.233	225	63035	17.890	ug/l	97
95) Naphthalene	15.362	128	577016	20.485	ug/l	99
96) 1,2,3-Trichlorobenzene	15.551	180	138935	19.386	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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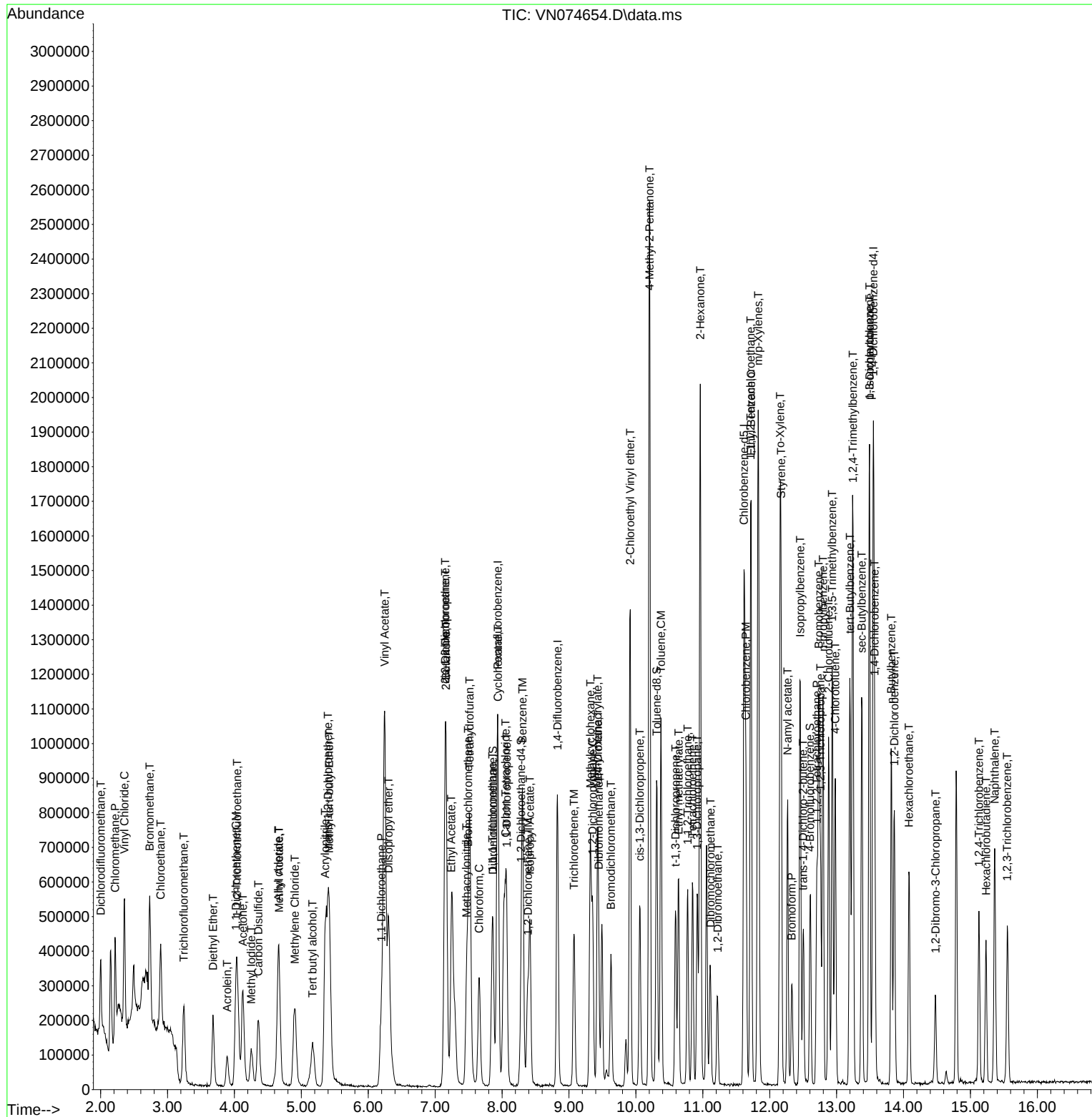
Quant Time: Sep 30 07:09:37 2022

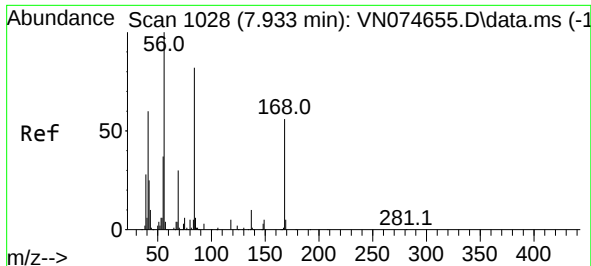
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092922W.M

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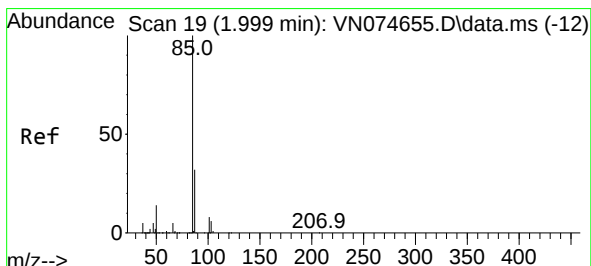
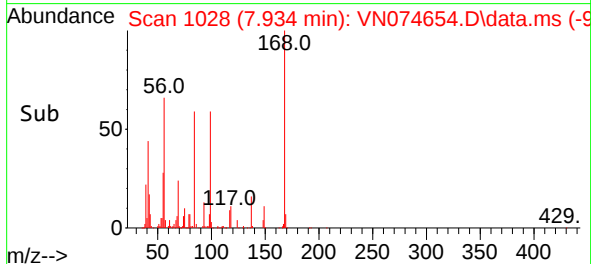
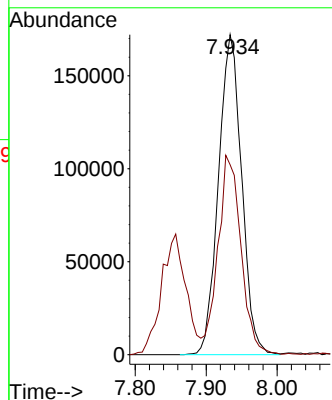
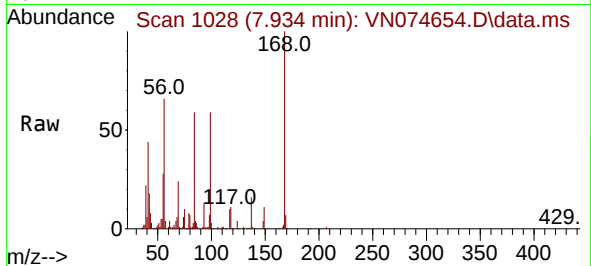
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.934 min Scan# 1028
Delta R.T. 0.001 min
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ClientSampleId :
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Tgt Ion:168 Resp: 38936
Ion Ratio Lower Upper
168 100
99 59.2 42.3 63.5

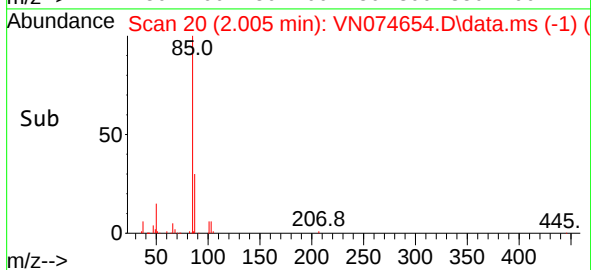
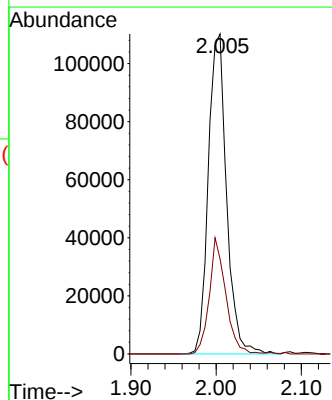
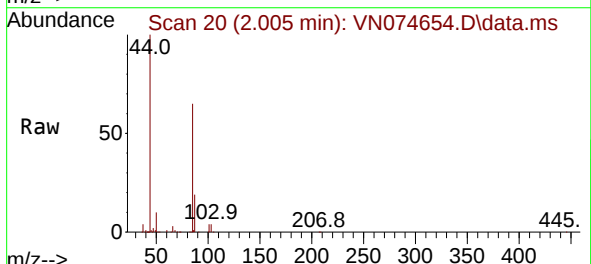
Manual Integrations
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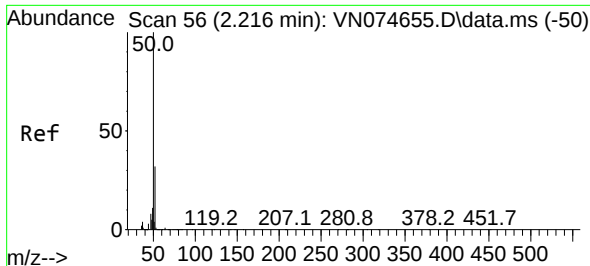
Reviewed By :John Carlone 09/30/2022
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#2
Dichlorodifluoromethane
Concen: 20.082 ug/l
RT: 2.005 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN074654.D
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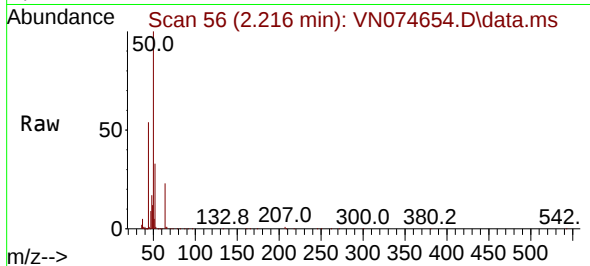
Tgt Ion: 85 Resp: 163695
Ion Ratio Lower Upper
85 100
87 29.8 15.7 47.1





#3
Chloromethane
Concen: 20.097 ug/l
RT: 2.216 min Scan# 50
Delta R.T. 0.000 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56

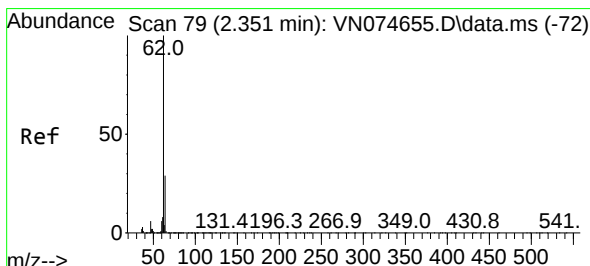
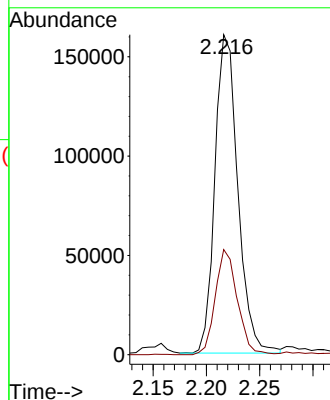
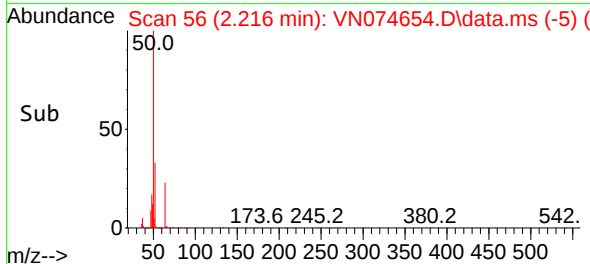
Instrument :
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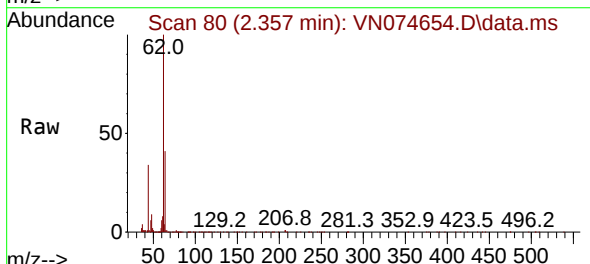
Tgt Ion: 50 Resp: 23965
Ion Ratio Lower Upper
50 100
52 33.0 25.7 38.5

Manual Integrations
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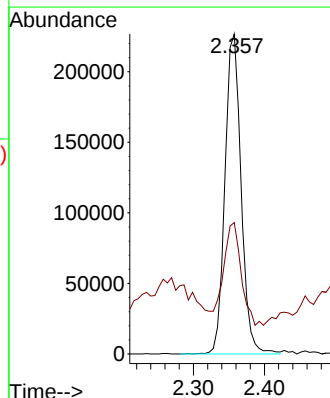
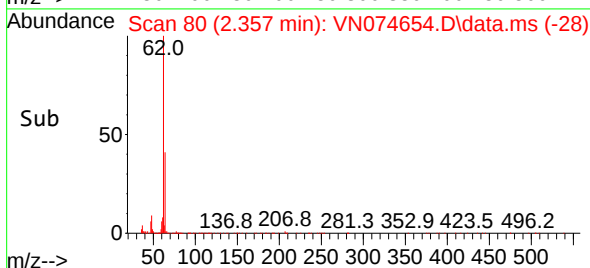
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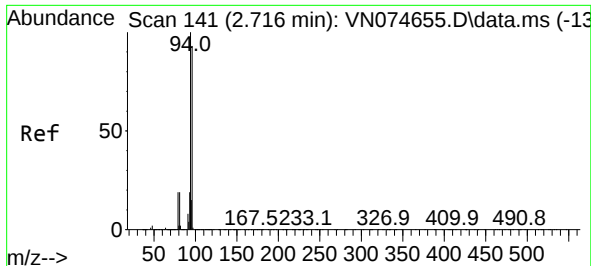


#4
Vinyl Chloride
Concen: 20.609 ug/l
RT: 2.357 min Scan# 80
Delta R.T. 0.006 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56



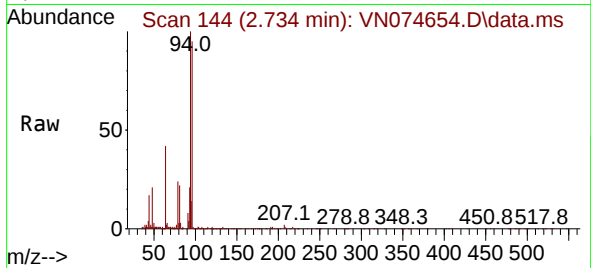
Tgt Ion: 62 Resp: 356865
Ion Ratio Lower Upper
62 100
64 28.2 25.0 37.4





#5
Bromomethane
Concen: 20.500 ug/l
RT: 2.734 min Scan# 141
Delta R.T. 0.018 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56

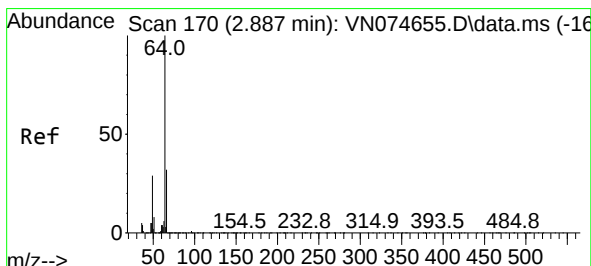
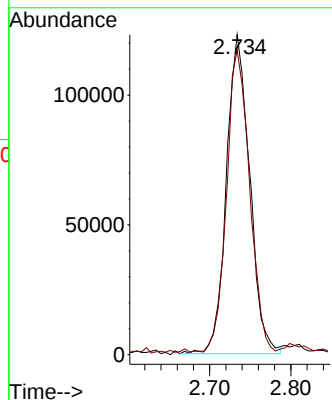
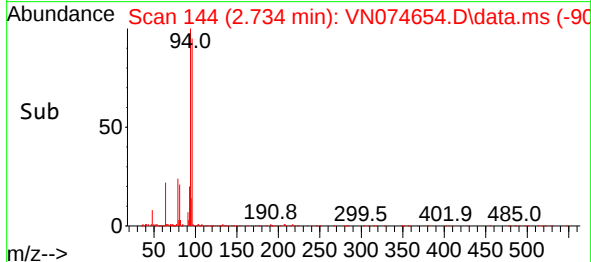
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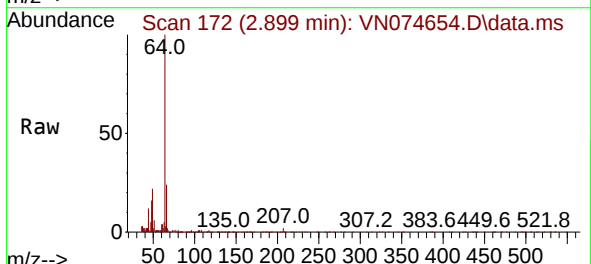
Tgt Ion: 94 Resp: 245209
Ion Ratio Lower Upper
94 100
96 94.4 76.0 114.0

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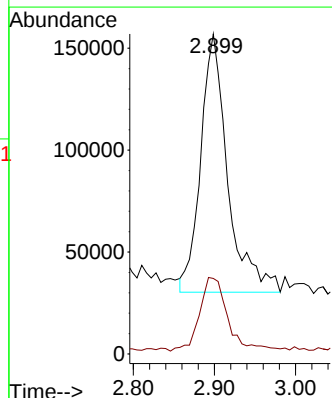
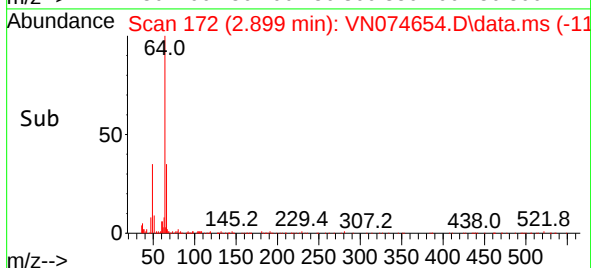
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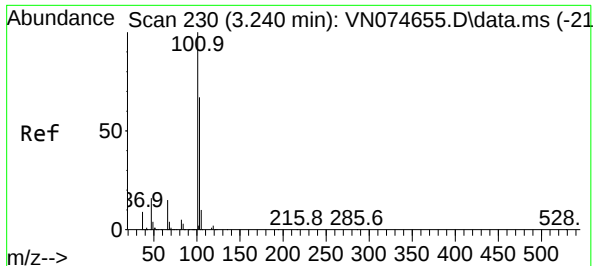


#6
Chloroethane
Concen: 22.043 ug/l
RT: 2.899 min Scan# 172
Delta R.T. 0.012 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56



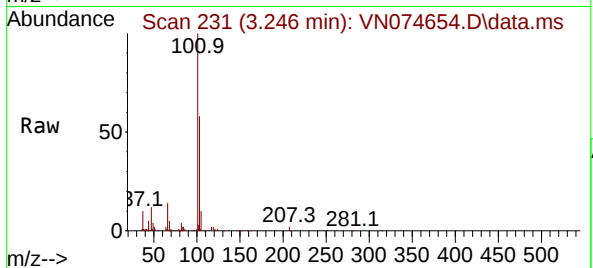
Tgt Ion: 64 Resp: 293306
Ion Ratio Lower Upper
64 100
66 27.3 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 19.126 ug/l
 RT: 3.246 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN074654.D
 Acq: 29 Sep 2022 14:56

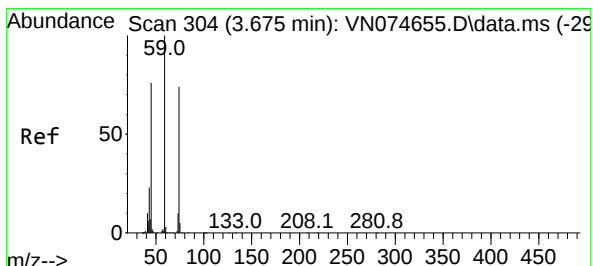
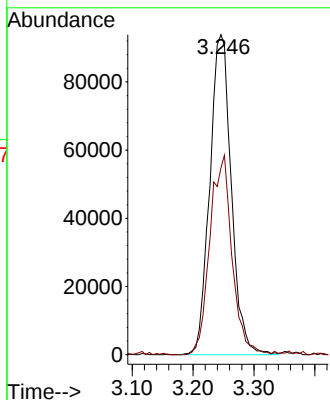
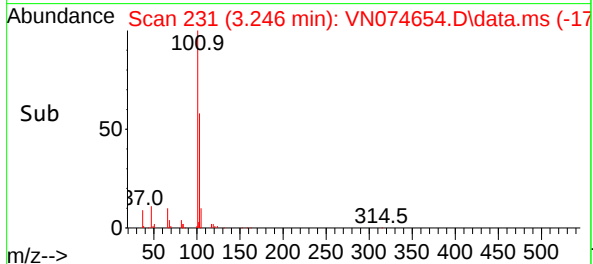
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Tgt Ion:101 Resp: 23026
 Ion Ratio Lower Upper
 101 100
 103 58.4 51.5 77.3

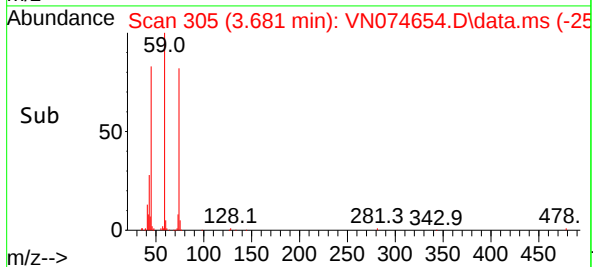
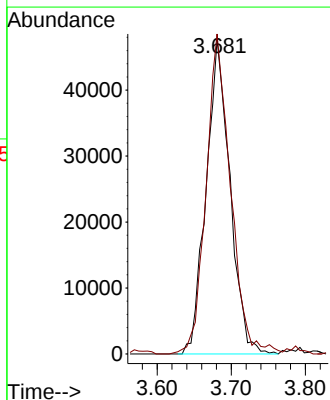
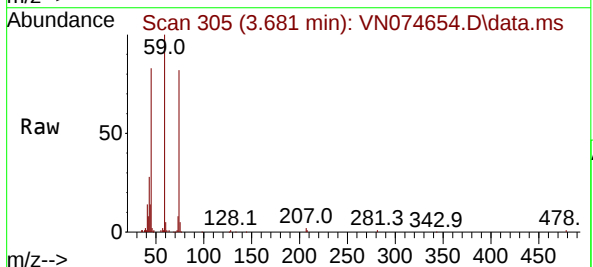
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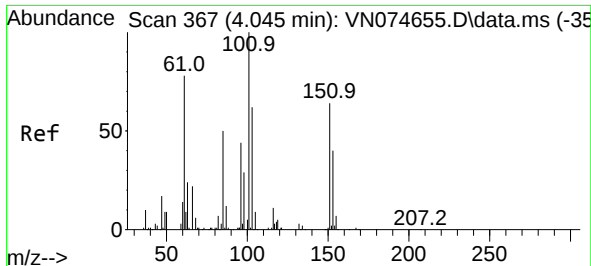
Reviewed By :John Carlone 09/30/2022
 Supervised By :Mahesh Dadoda 10/05/2022



#8
 Diethyl Ether
 Concen: 18.598 ug/l
 RT: 3.681 min Scan# 305
 Delta R.T. 0.006 min
 Lab File: VN074654.D
 Acq: 29 Sep 2022 14:56

Tgt Ion: 74 Resp: 106241
 Ion Ratio Lower Upper
 74 100
 45 104.7 42.9 128.5





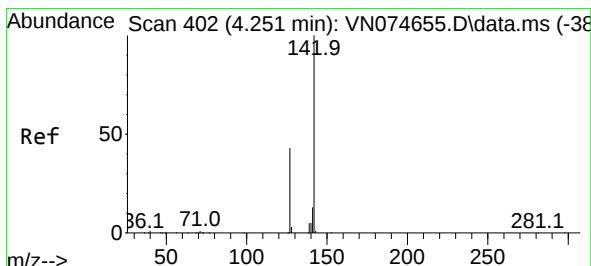
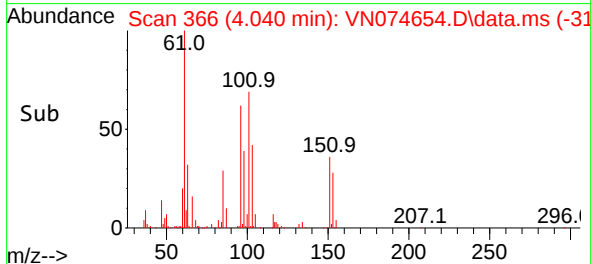
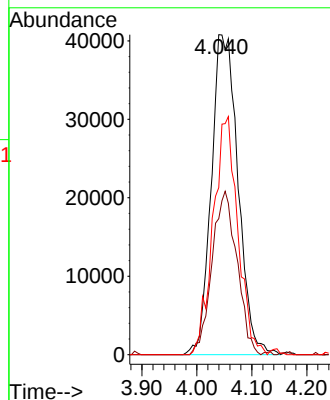
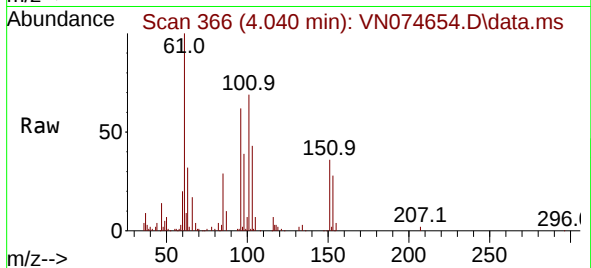
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.189 ug/l
RT: 4.040 min Scan# 367
Delta R.T. -0.006 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 13767
Ion Ratio Lower Upper
101 100
85 47.8 34.7 52.1
151 68.7 63.0 94.4

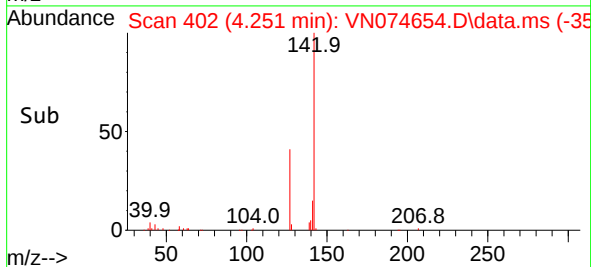
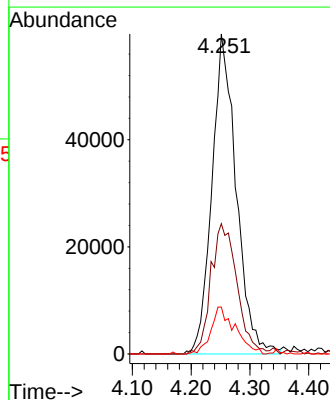
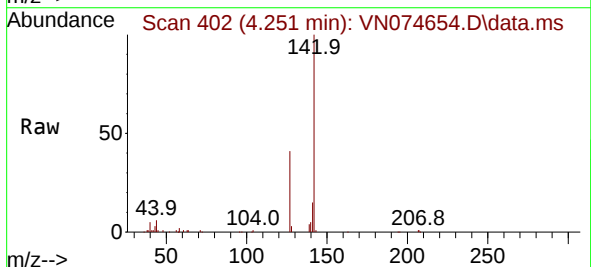
Manual Integrations
APPROVED

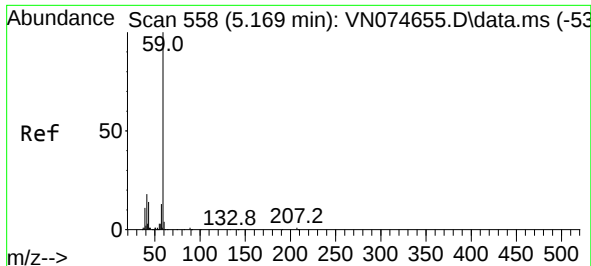
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#10
Methyl Iodide
Concen: 20.092 ug/l
RT: 4.251 min Scan# 402
Delta R.T. 0.000 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56

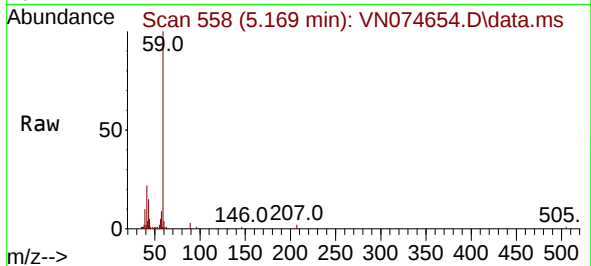
Tgt Ion:142 Resp: 171290
Ion Ratio Lower Upper
142 100
127 43.4 31.3 46.9
141 14.7 11.2 16.8





#11
Tert butyl alcohol
Concen: 97.078 ug/l
RT: 5.169 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56

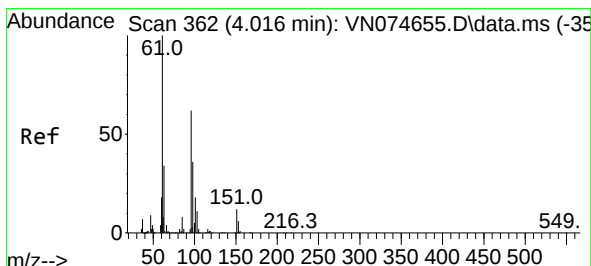
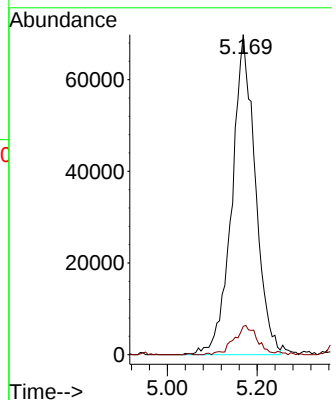
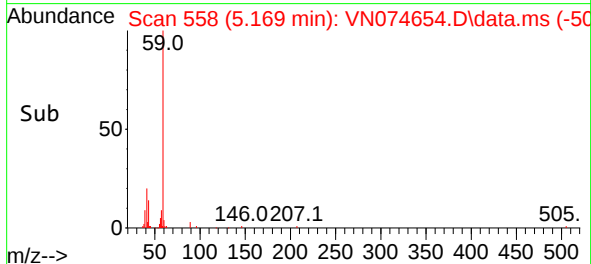
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



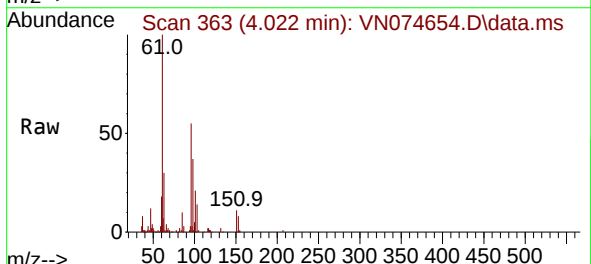
Tgt Ion: 59 Resp: 252992
Ion Ratio Lower Upper
59 100
57 9.0 8.3 12.5

Manual Integrations
APPROVED

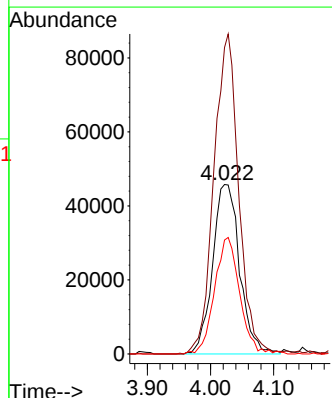
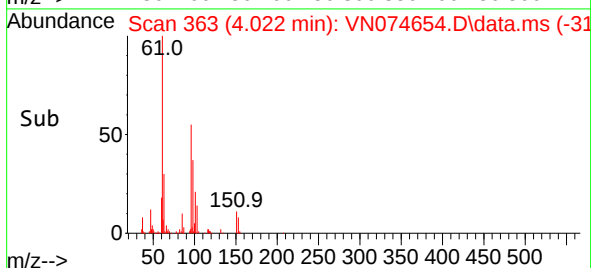
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

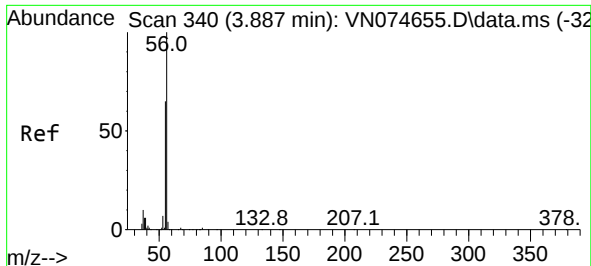


#12
1,1-Dichloroethene
Concen: 18.743 ug/l
RT: 4.022 min Scan# 363
Delta R.T. 0.006 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56



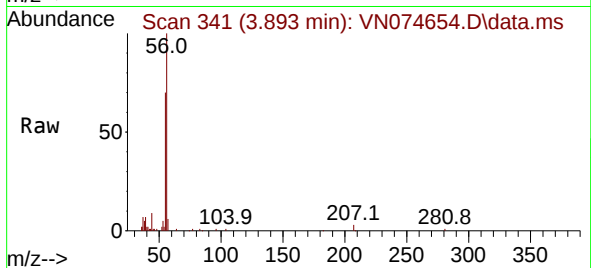
Tgt Ion: 96 Resp: 136299
Ion Ratio Lower Upper
96 100
61 180.5 127.6 191.4
98 67.2 51.2 76.8





#13
Acrolein
Concen: 95.289 ug/l
RT: 3.893 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56

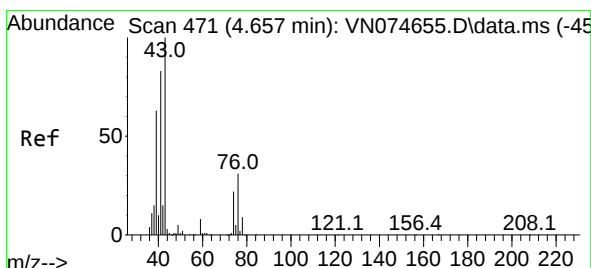
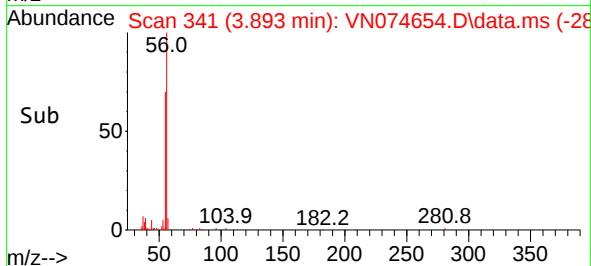
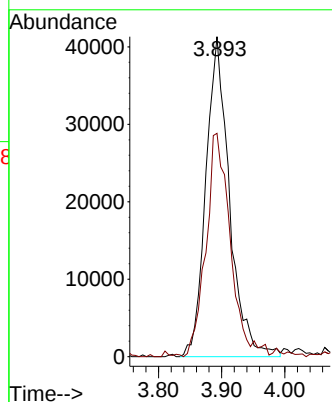
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 107308
Ion Ratio Lower Upper
56 100
55 72.4 54.8 82.2

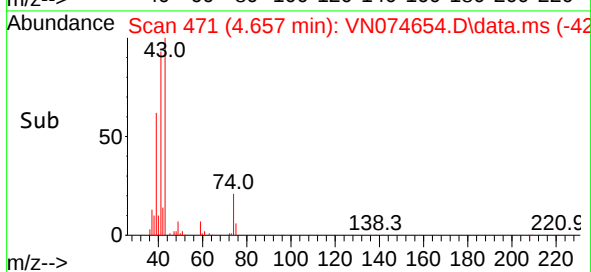
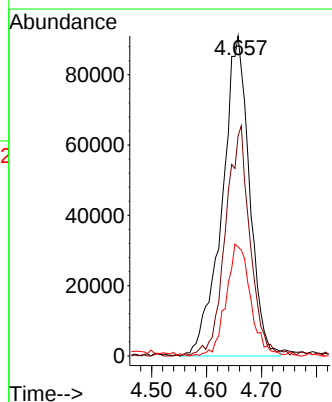
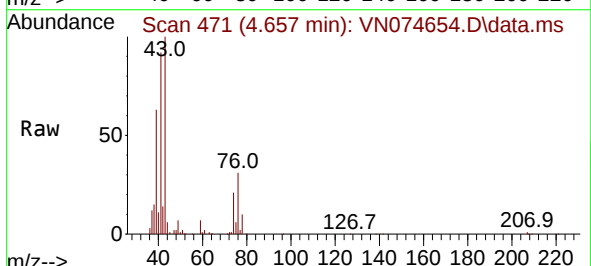
Manual Integrations
APPROVED

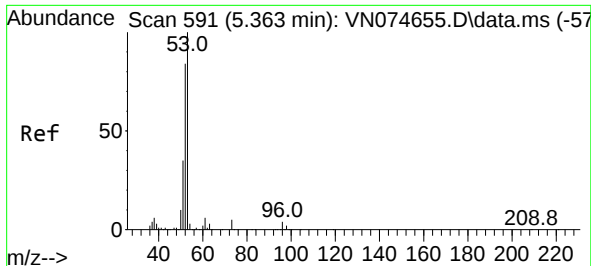
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#14
Allyl chloride
Concen: 20.017 ug/l
RT: 4.657 min Scan# 471
Delta R.T. 0.000 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56

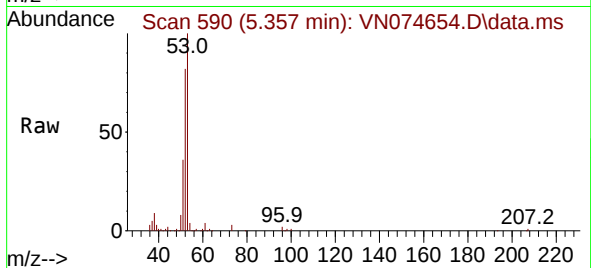
Tgt Ion: 41 Resp: 314421
Ion Ratio Lower Upper
41 100
39 64.6 53.2 79.8
76 31.1 29.9 44.9





#15
Acrylonitrile
Concen: 100.642 ug/l
RT: 5.357 min Scan# 591
Delta R.T. -0.006 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56

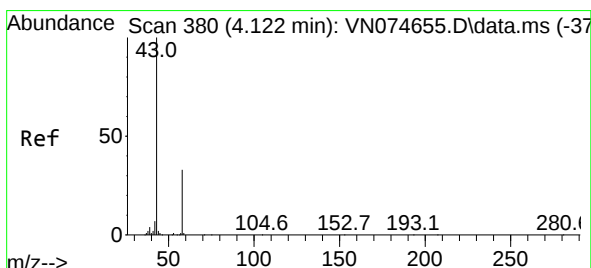
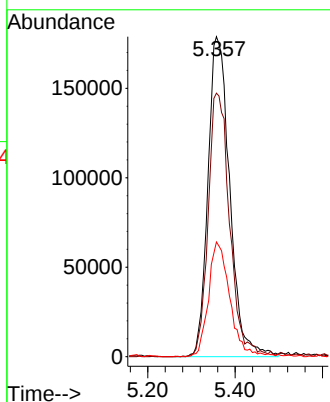
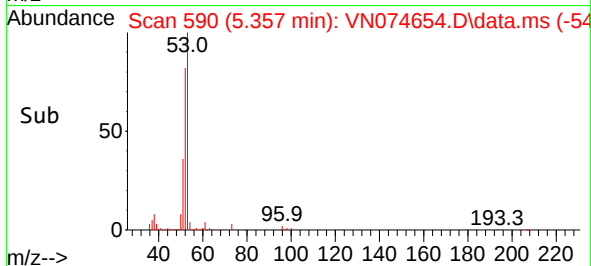
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



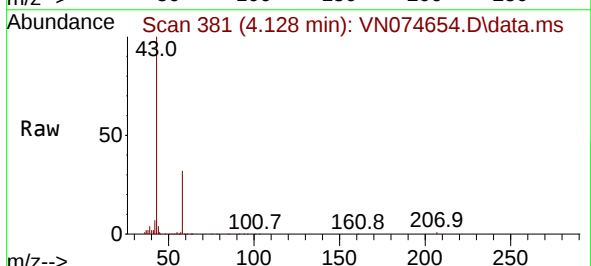
Tgt Ion: 53 Resp: 61888
Ion Ratio Lower Upper
53 100
52 81.2 66.4 99.6
51 35.2 28.5 42.7

Manual Integrations
APPROVED

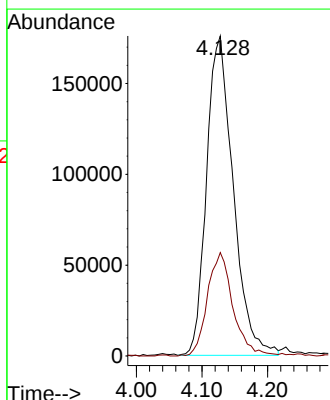
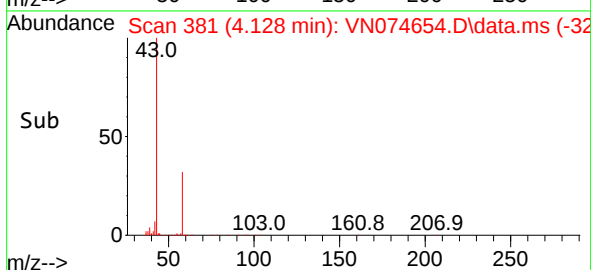
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

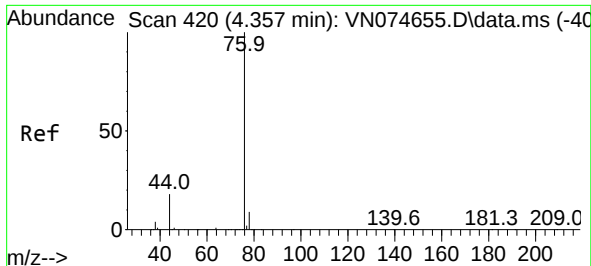


#16
Acetone
Concen: 94.323 ug/l
RT: 4.128 min Scan# 381
Delta R.T. 0.006 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56



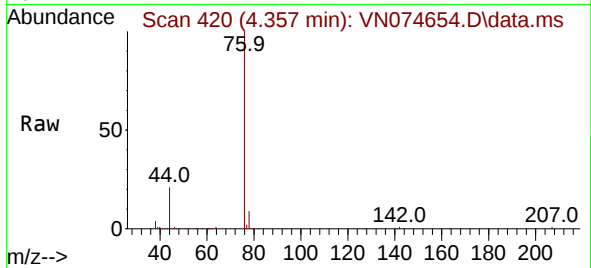
Tgt Ion: 43 Resp: 496784
Ion Ratio Lower Upper
43 100
58 32.4 26.0 39.0





#17
Carbon Disulfide
Concen: 18.824 ug/l
RT: 4.357 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56

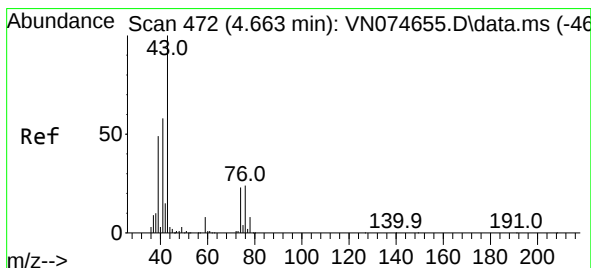
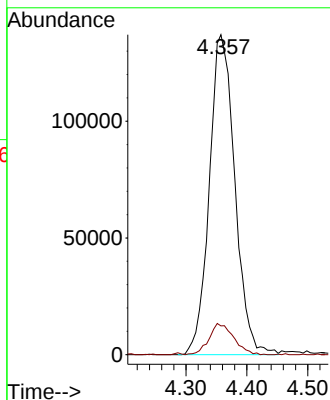
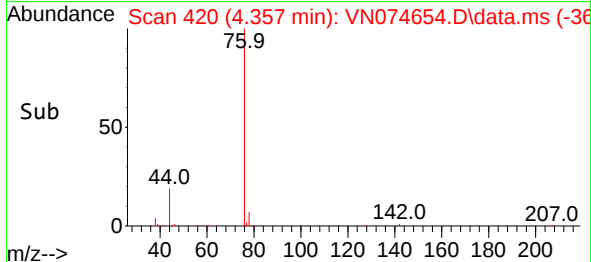
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



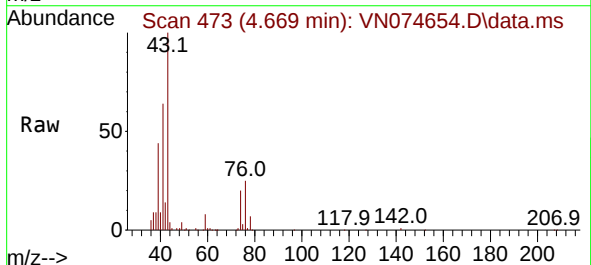
Tgt Ion: 76 Resp: 399500
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

Manual Integrations
APPROVED

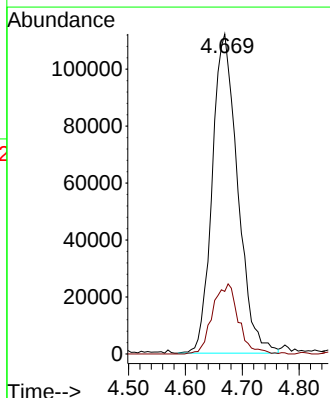
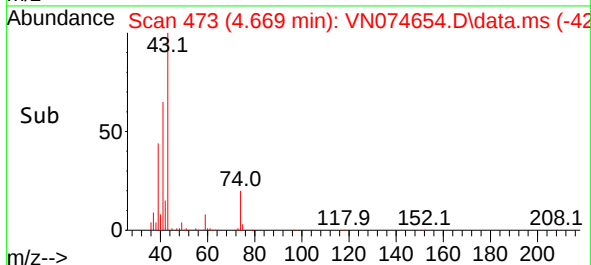
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

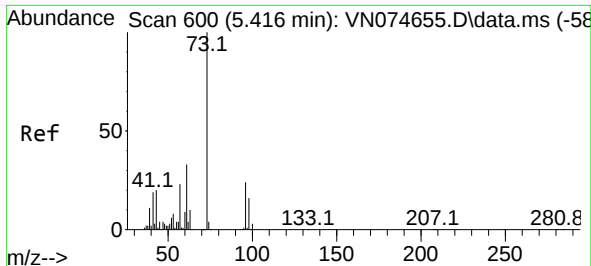


#18
Methyl Acetate
Concen: 19.397 ug/l
RT: 4.669 min Scan# 473
Delta R.T. 0.006 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56



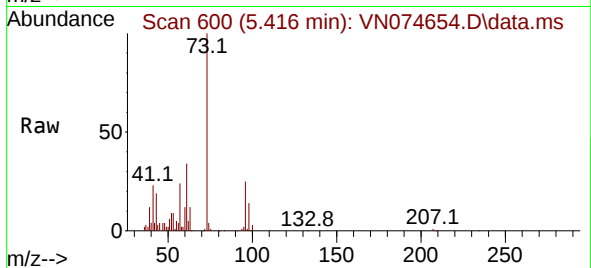
Tgt Ion: 43 Resp: 349704
Ion Ratio Lower Upper
43 100
74 22.2 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 19.386 ug/l
RT: 5.416 min Scan# 600
Delta R.T. 0.000 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56

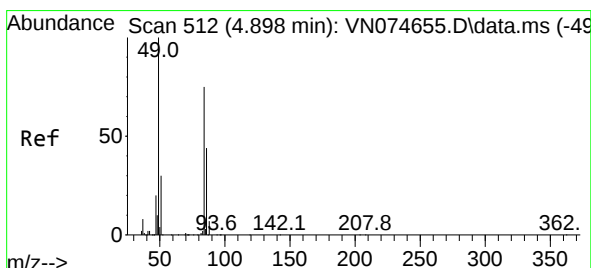
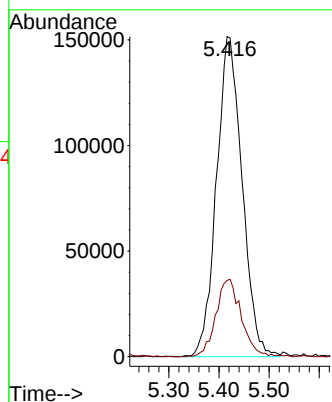
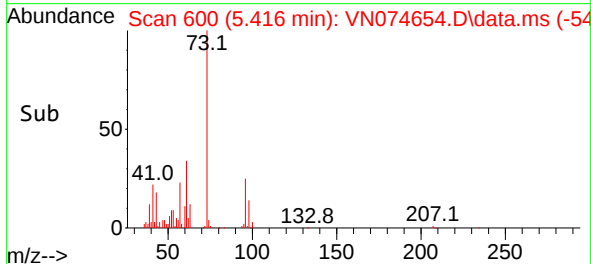
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



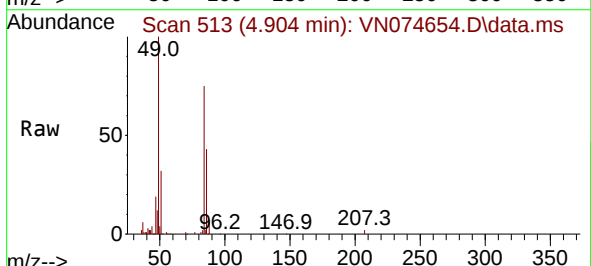
Tgt Ion: 73 Resp: 538054
Ion Ratio Lower Upper
73 100
57 23.9 17.6 26.4

Manual Integrations
APPROVED

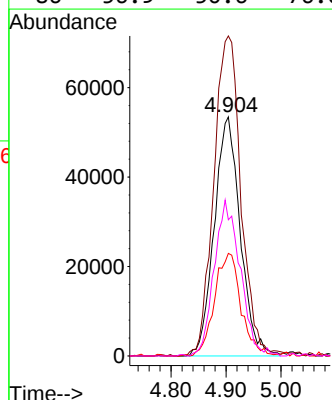
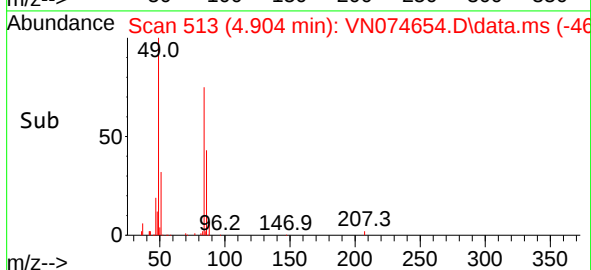
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

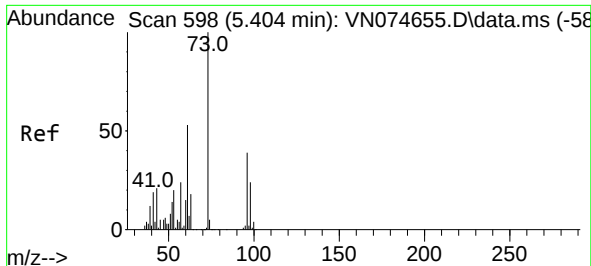


#20
Methylene Chloride
Concen: 17.569 ug/l
RT: 4.904 min Scan# 513
Delta R.T. 0.006 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56



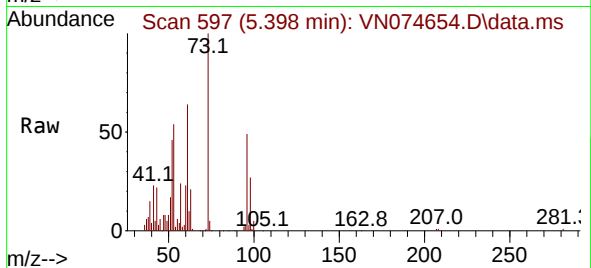
Tgt Ion: 84 Resp: 175646
Ion Ratio Lower Upper
84 100
49 133.9 88.3 132.5#
51 42.9 28.2 42.2#
86 56.9 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 18.479 ug/l
RT: 5.398 min Scan# 598
Delta R.T. -0.006 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56

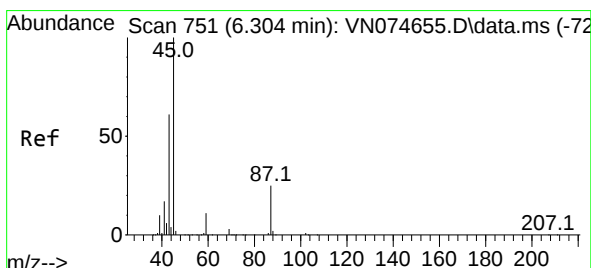
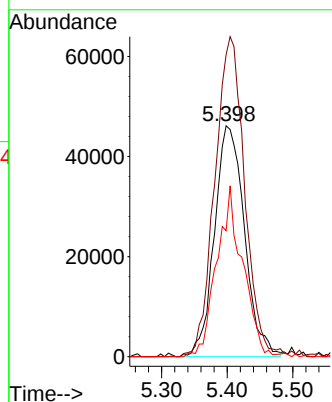
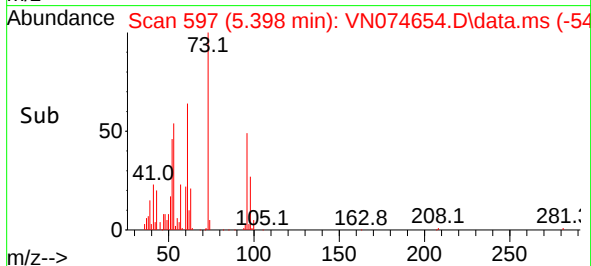
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC020



Tgt Ion: 96 Resp: 146799
Ion Ratio Lower Upper
96 100
61 130.9 105.8 158.8
98 54.6 50.3 75.5

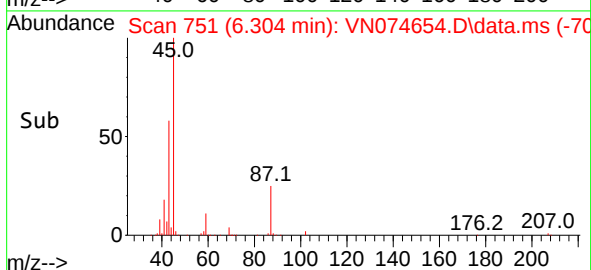
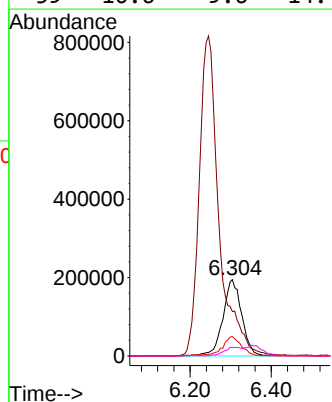
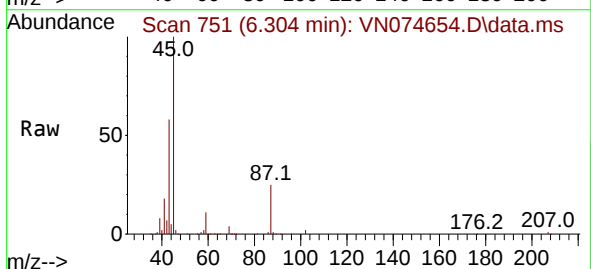
Manual Integrations
APPROVED

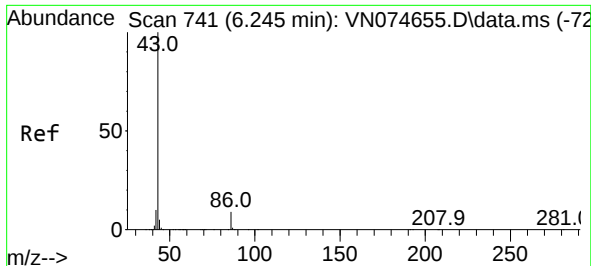
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#22
Diisopropyl ether
Concen: 19.646 ug/l
RT: 6.304 min Scan# 751
Delta R.T. 0.000 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56

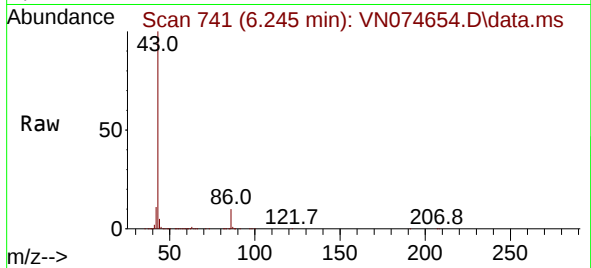
Tgt Ion: 45 Resp: 627774
Ion Ratio Lower Upper
45 100
43 57.5 46.6 70.0
87 25.2 24.3 36.5
59 10.6 9.6 14.4





#23
 Vinyl Acetate
 Concen: 98.417 ug/l
 RT: 6.245 min Scan# 741
 Delta R.T. 0.000 min
 Lab File: VN074654.D
 Acq: 29 Sep 2022 14:56

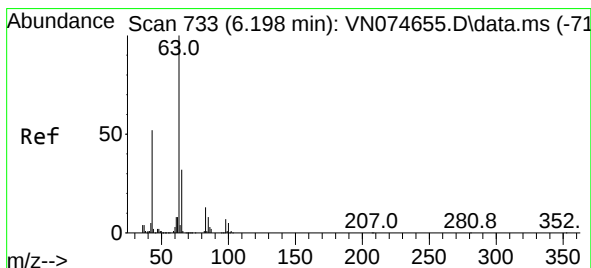
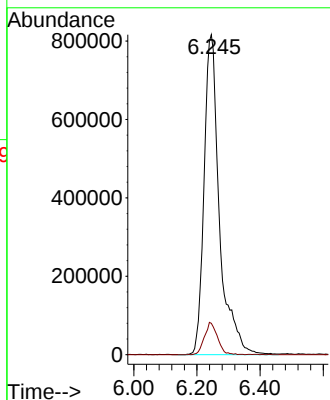
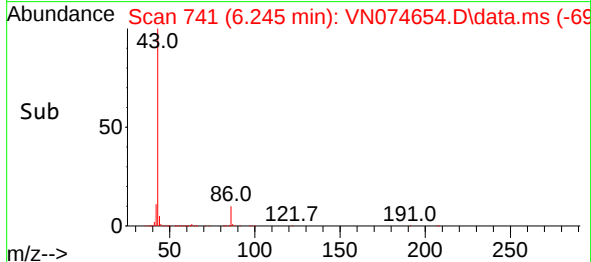
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



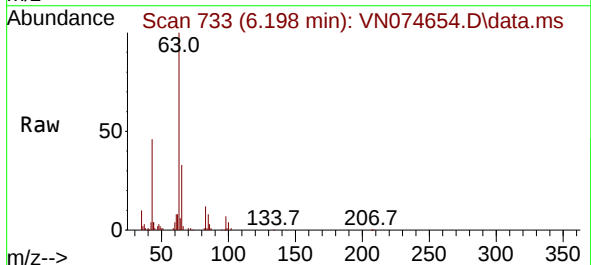
Tgt Ion: 43 Resp: 276407
 Ion Ratio Lower Upper
 43 100
 86 9.8 10.0 15.0

Manual Integrations
 APPROVED

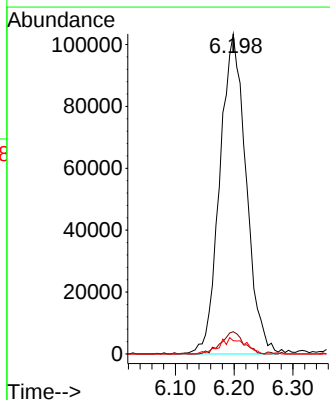
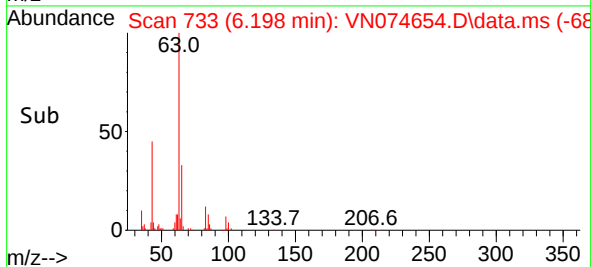
Reviewed By :John Carlone 09/30/2022
 Supervised By :Mahesh Dadoda 10/05/2022

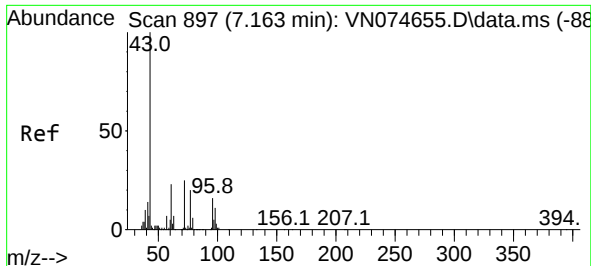


#24
 1,1-Dichloroethane
 Concen: 19.701 ug/l
 RT: 6.198 min Scan# 733
 Delta R.T. 0.000 min
 Lab File: VN074654.D
 Acq: 29 Sep 2022 14:56



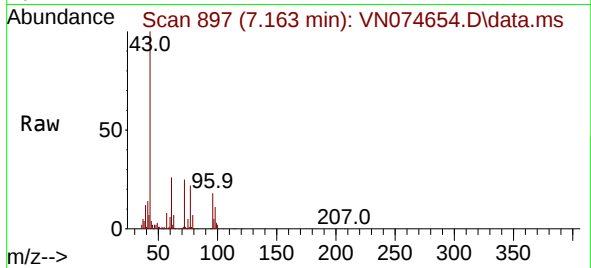
Tgt Ion: 63 Resp: 321253
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.4
 100 4.2 2.3 6.8





#25
2-Butanone
Concen: 97.238 ug/l
RT: 7.163 min Scan# 897
Delta R.T. 0.000 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56

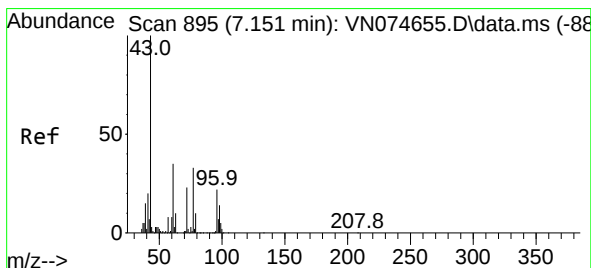
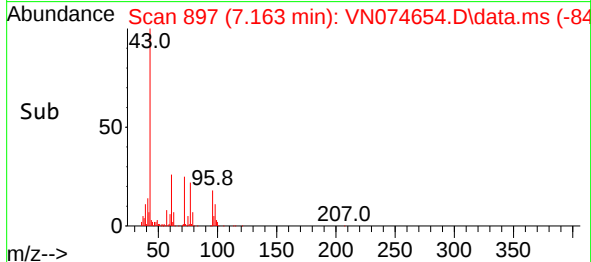
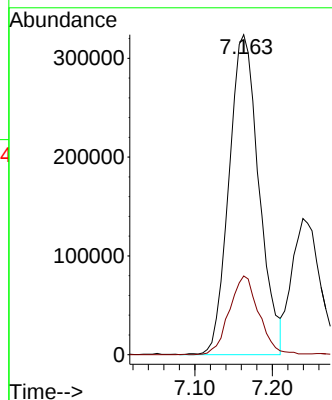
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC020



Tgt Ion: 43 Resp: 87339
Ion Ratio Lower Upper
43 100
72 24.6 23.7 35.5

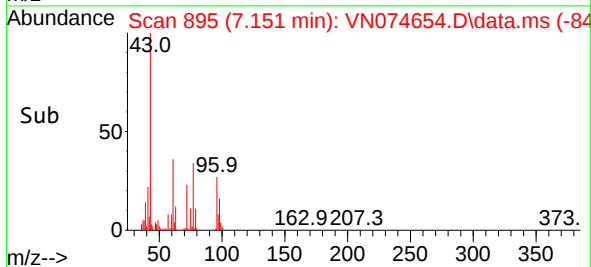
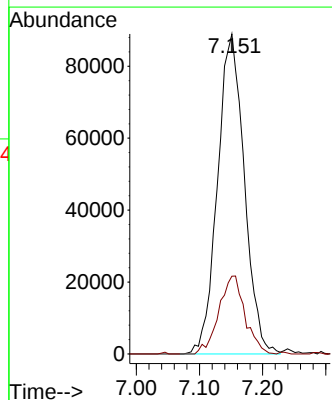
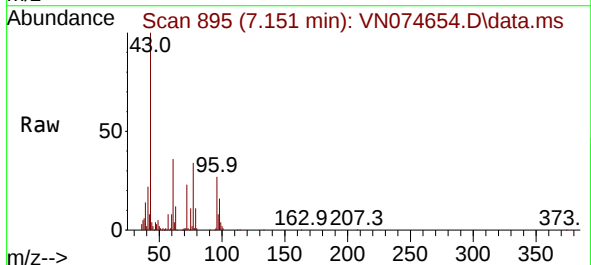
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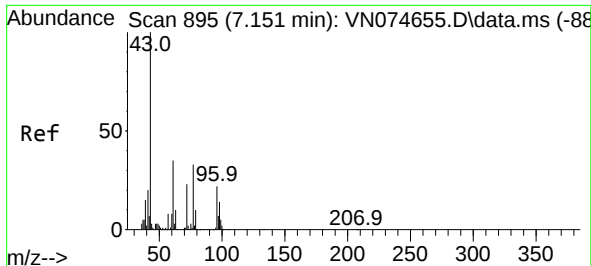
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#26
2,2-Dichloropropane
Concen: 18.908 ug/l
RT: 7.151 min Scan# 895
Delta R.T. 0.000 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56

Tgt Ion: 77 Resp: 262205
Ion Ratio Lower Upper
77 100
97 23.8 11.4 34.2





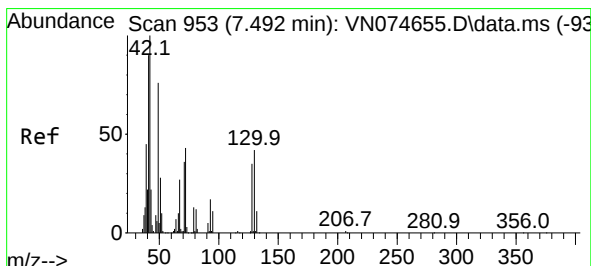
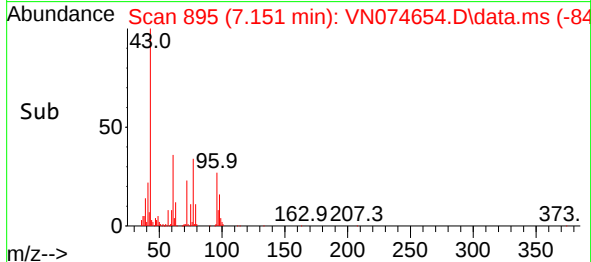
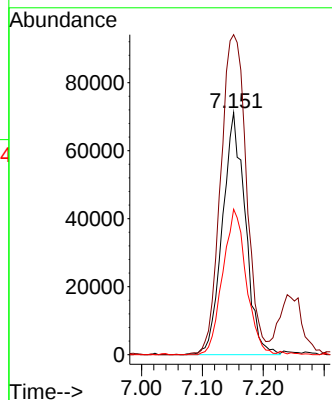
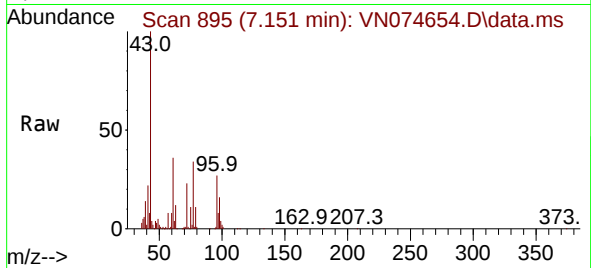
#27
 cis-1,2-Dichloroethene
 Concen: 19.074 ug/l
 RT: 7.151 min Scan# 895
 Delta R.T. 0.000 min
 Lab File: VN074654.D
 Acq: 29 Sep 2022 14:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion: 96 Resp: 185338
 Ion Ratio Lower Upper
 96 100
 61 148.8 0.0 280.6
 98 61.9 0.0 128.4

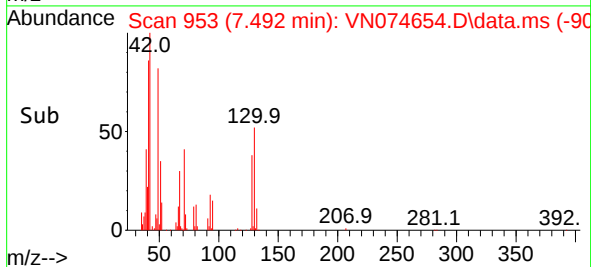
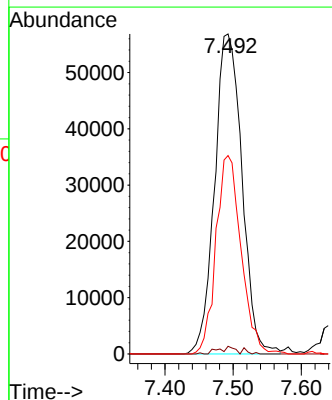
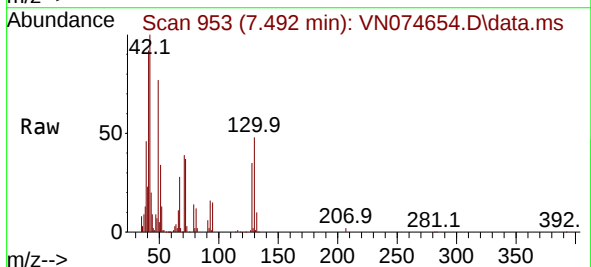
Manual Integrations
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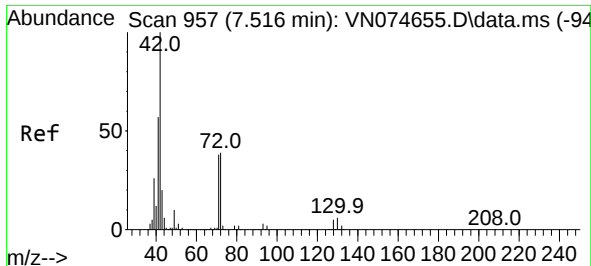
Reviewed By :John Carlone 09/30/2022
 Supervised By :Mahesh Dadoda 10/05/2022



#28
 Bromochloromethane
 Concen: 21.430 ug/l
 RT: 7.492 min Scan# 953
 Delta R.T. 0.000 min
 Lab File: VN074654.D
 Acq: 29 Sep 2022 14:56

Tgt Ion: 49 Resp: 158669
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 4.6
 130 56.9 69.7 104.5#





#29

Tetrahydrofuran

Concen: 101.017 ug/l

RT: 7.516 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN074654.D

Acq: 29 Sep 2022 14:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 42 Resp: 59866

Ion Ratio Lower Upper

42 100

72 39.8 39.7 59.5

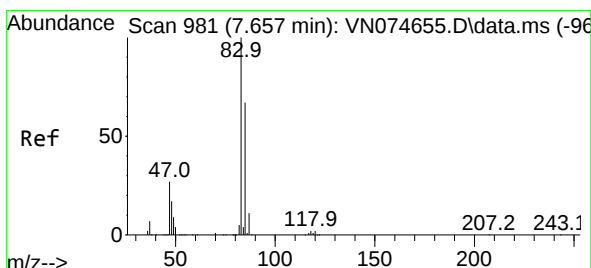
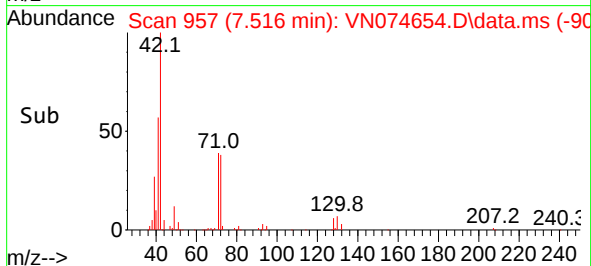
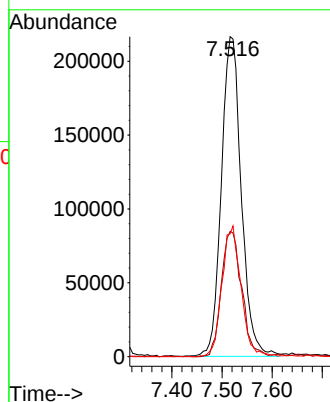
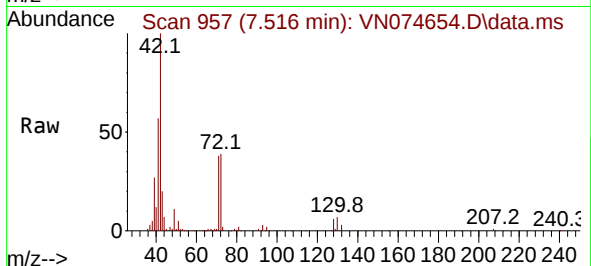
71 39.1 36.6 55.0

Manual Integrations

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Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/05/2022



#30

Chloroform

Concen: 20.019 ug/l

RT: 7.657 min Scan# 981

Delta R.T. 0.000 min

Lab File: VN074654.D

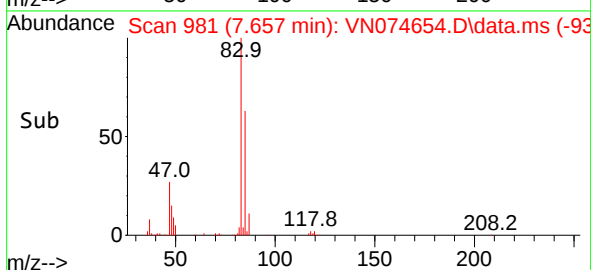
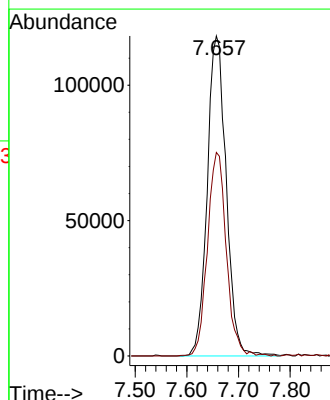
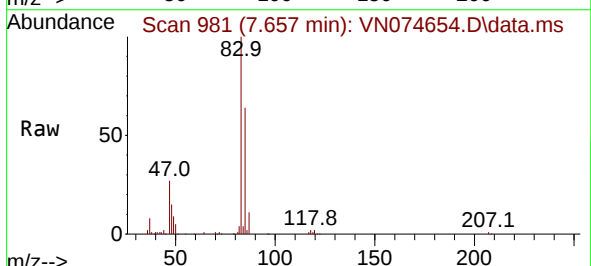
Acq: 29 Sep 2022 14:56

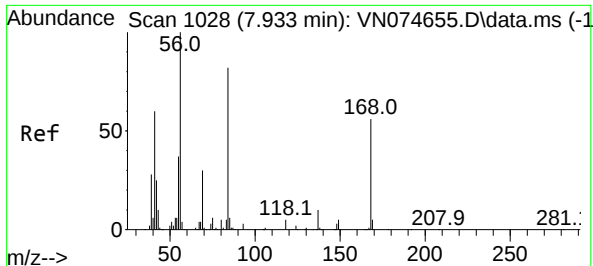
Tgt Ion: 83 Resp: 300831

Ion Ratio Lower Upper

83 100

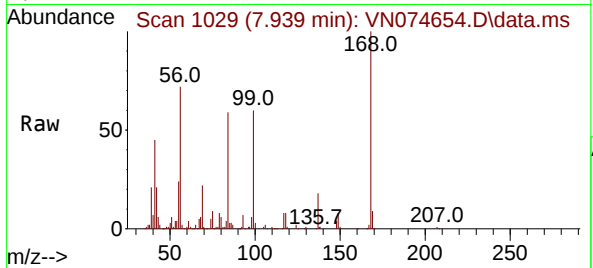
85 63.6 51.8 77.8





#31
Cyclohexane
Concen: 18.963 ug/l
RT: 7.939 min Scan# 1028
Delta R.T. 0.006 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56

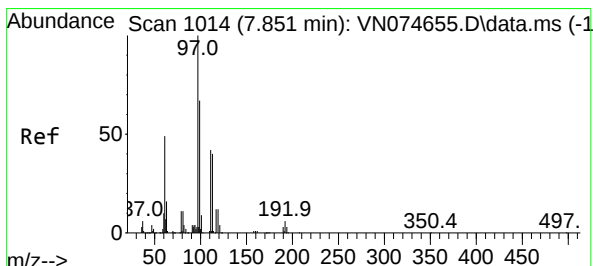
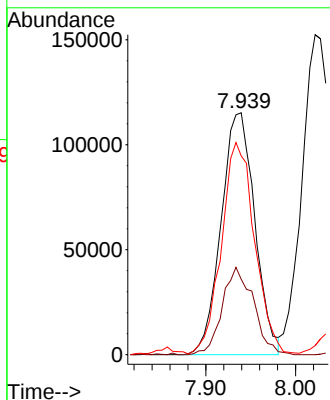
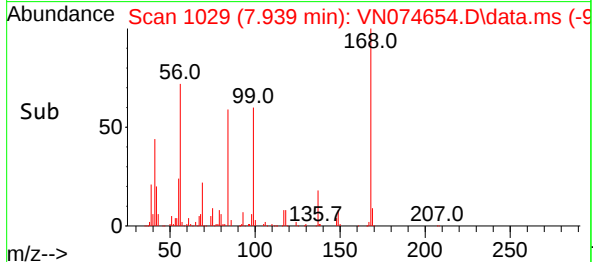
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



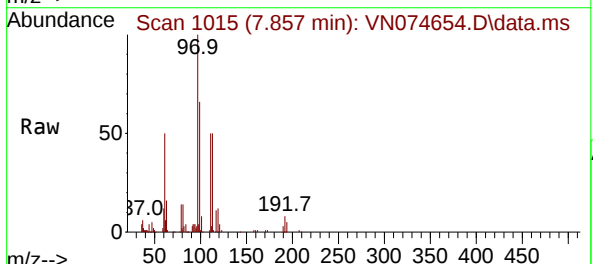
Tgt Ion: 56 Resp: 30064
Ion Ratio Lower Upper
56 100
69 30.5 27.8 41.8
84 80.9 76.9 115.3

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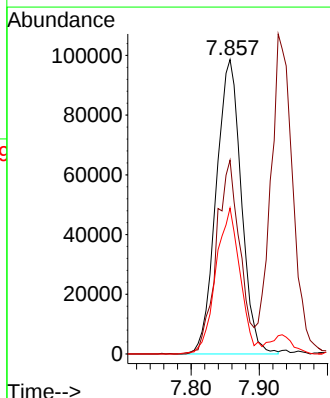
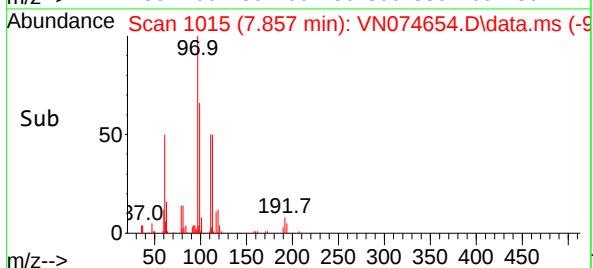
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

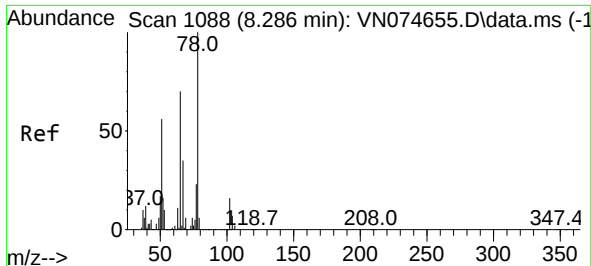


#32
1,1,1-Trichloroethane
Concen: 19.204 ug/l
RT: 7.857 min Scan# 1015
Delta R.T. 0.006 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56



Tgt Ion: 97 Resp: 253242
Ion Ratio Lower Upper
97 100
99 61.8 50.6 76.0
61 48.2 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 18.575 ug/l

RT: 8.286 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN074654.D

Acq: 29 Sep 2022 14:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 18126

Ion Ratio Lower Upper

65 100

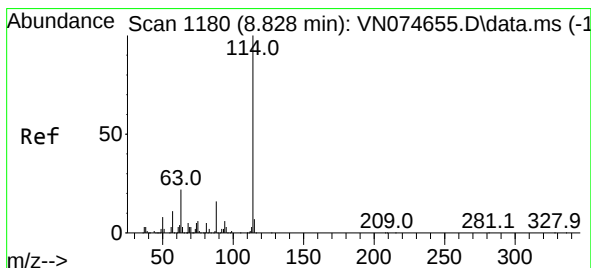
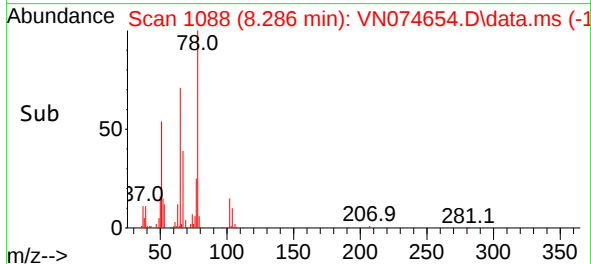
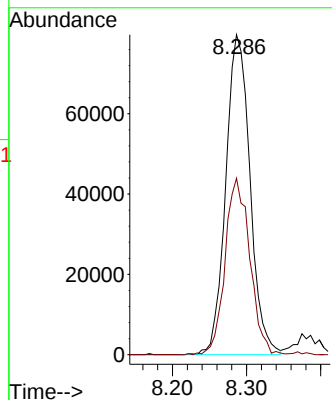
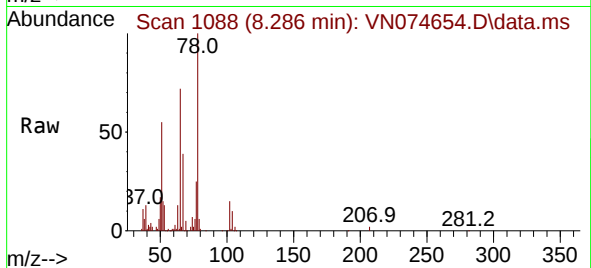
67 56.1 0.0 104.8

Manual Integrations

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Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/05/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.828 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VN074654.D

Acq: 29 Sep 2022 14:56

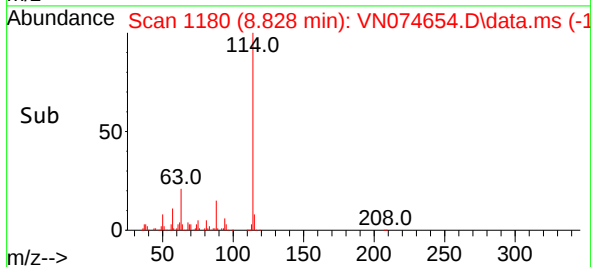
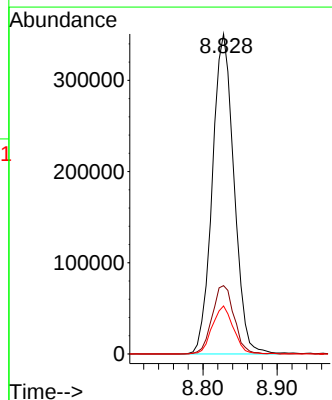
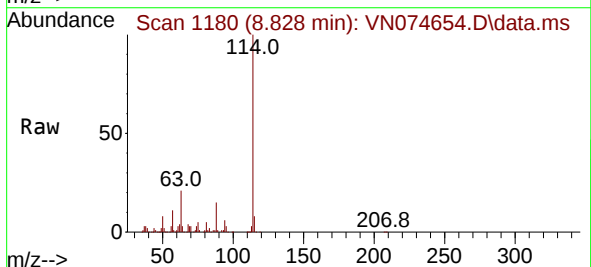
Tgt Ion:114 Resp: 712671

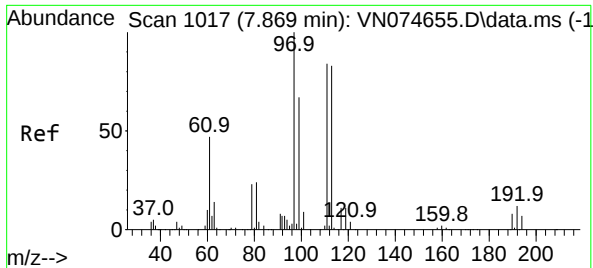
Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.0

88 15.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 18.944 ug/l

RT: 7.863 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VN074654.D

Acq: 29 Sep 2022 14:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 113 Resp: 14290

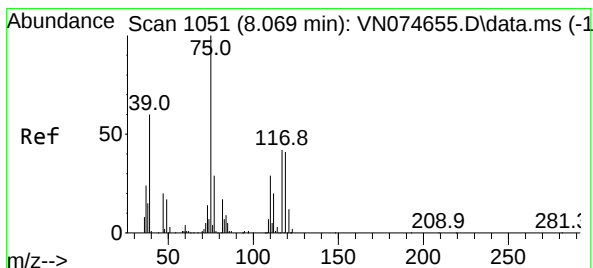
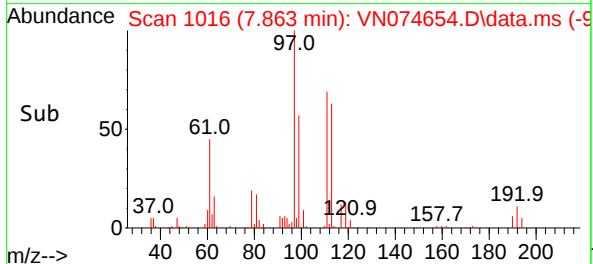
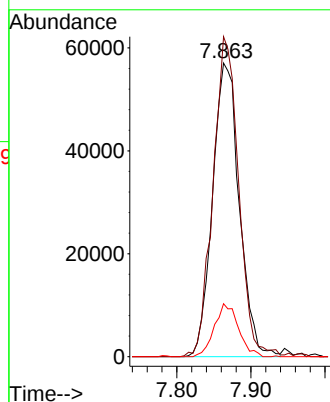
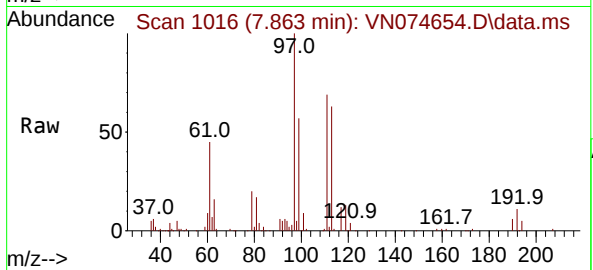
Ion	Ratio	Lower	Upper
113	100		
111	104.3	81.4	122.0
192	16.2	17.0	25.6

Manual Integrations

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Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/05/2022



#36

1,1-Dichloropropene

Concen: 18.140 ug/l

RT: 8.069 min Scan# 1051

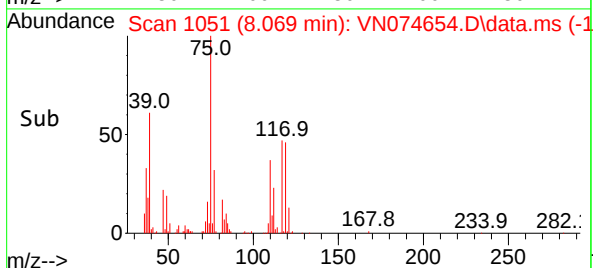
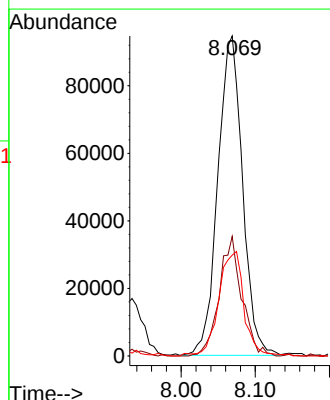
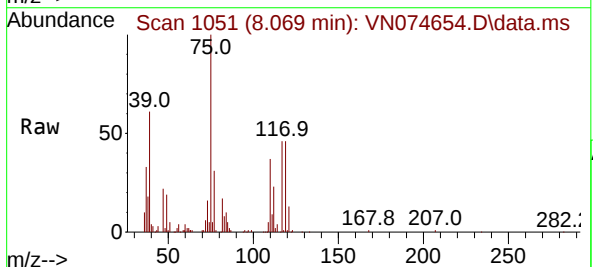
Delta R.T. 0.000 min

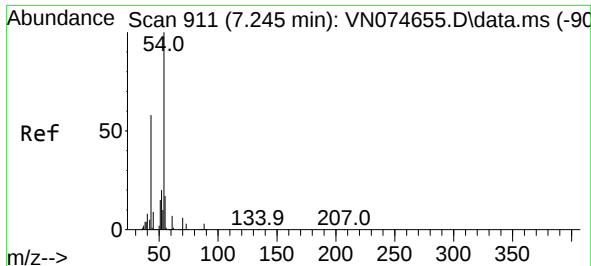
Lab File: VN074654.D

Acq: 29 Sep 2022 14:56

Tgt Ion: 75 Resp: 219142

Ion	Ratio	Lower	Upper
75	100		
110	34.2	18.3	54.8
77	33.4	25.1	37.7





#37

Ethyl Acetate

Concen: 19.716 ug/l

RT: 7.239 min Scan# 911

Delta R.T. -0.006 min

Lab File: VN074654.D

Acq: 29 Sep 2022 14:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 353162

Ion Ratio Lower Upper

43 100

61 13.3 11.8 17.6

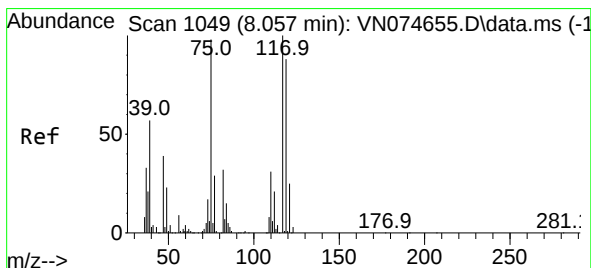
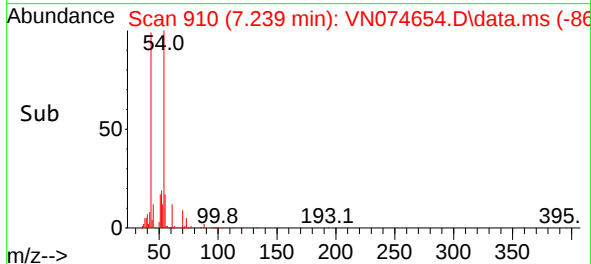
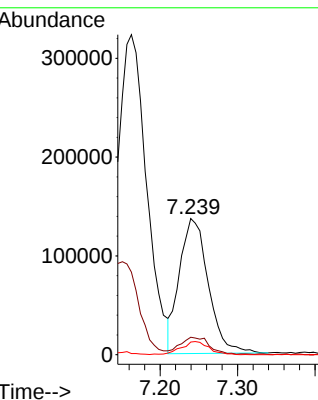
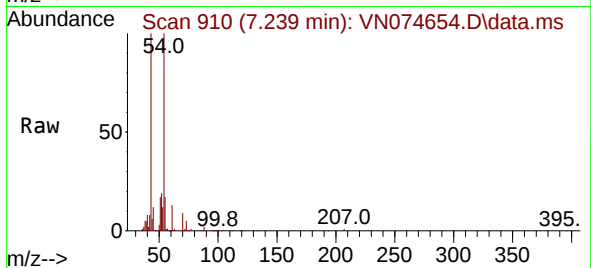
70 9.3 9.3 13.9

Manual Integrations

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Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/05/2022



#38

Carbon Tetrachloride

Concen: 18.918 ug/l

RT: 8.051 min Scan# 1048

Delta R.T. -0.006 min

Lab File: VN074654.D

Acq: 29 Sep 2022 14:56

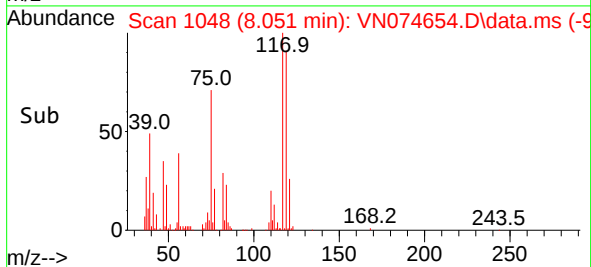
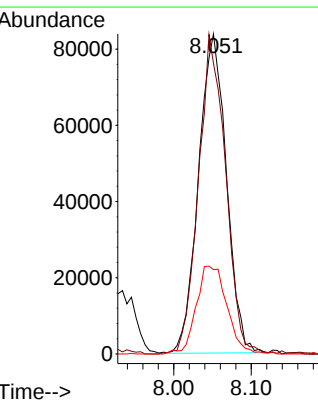
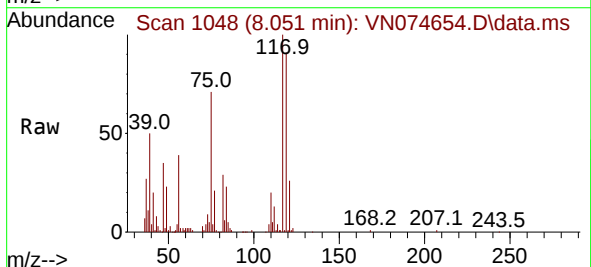
Tgt Ion:117 Resp: 209372

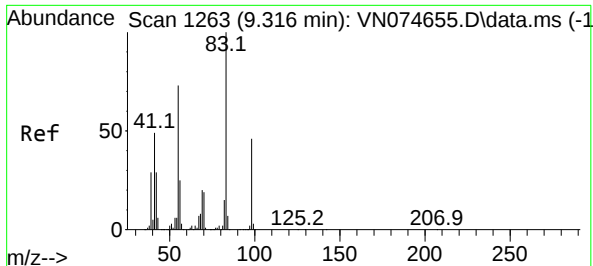
Ion Ratio Lower Upper

117 100

119 90.7 75.8 113.8

121 26.2 24.6 37.0





#39

Methylcyclohexane

Concen: 19.581 ug/l

RT: 9.322 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN074654.D

Acq: 29 Sep 2022 14:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 83 Resp: 295314

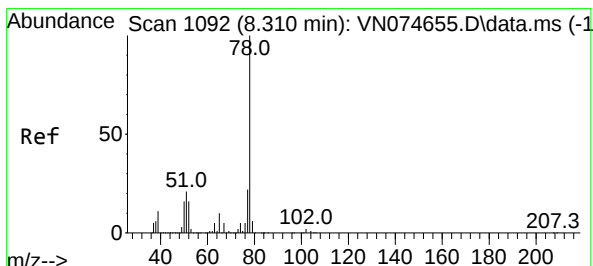
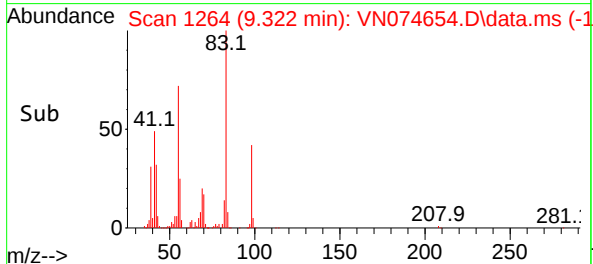
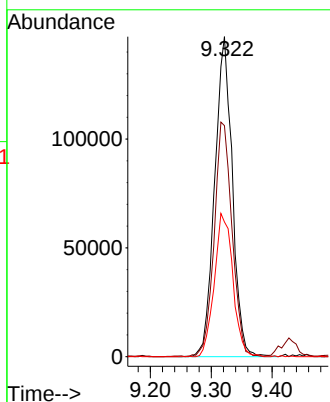
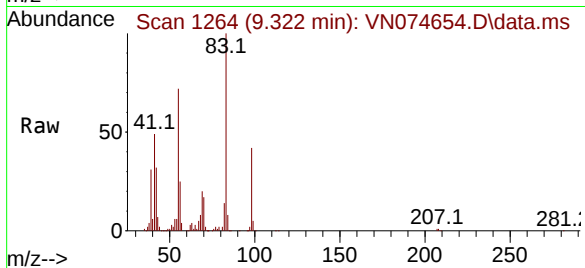
Ion	Ratio	Lower	Upper
83	100		
55	72.0	57.8	86.8
98	42.1	39.4	59.2

Manual Integrations

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Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/05/2022



#40

Benzene

Concen: 19.540 ug/l

RT: 8.304 min Scan# 1091

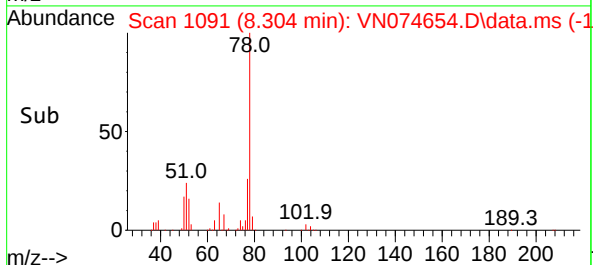
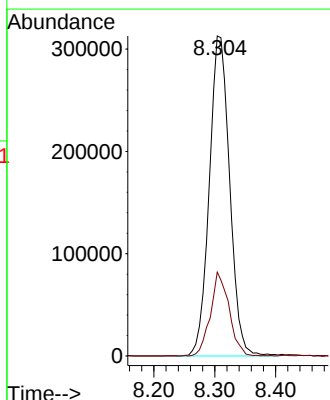
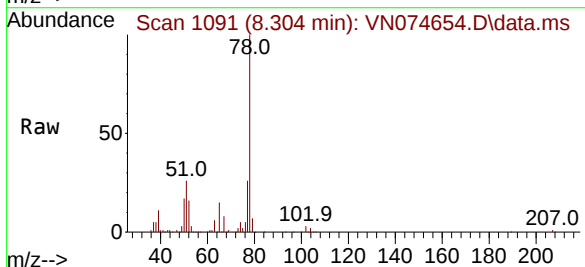
Delta R.T. -0.006 min

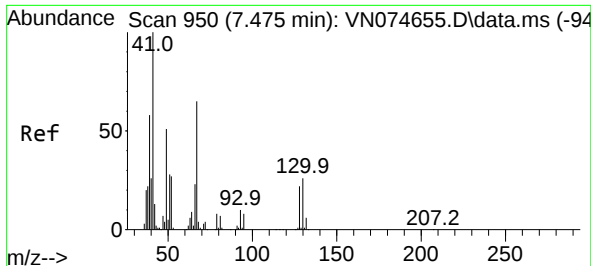
Lab File: VN074654.D

Acq: 29 Sep 2022 14:56

Tgt Ion: 78 Resp: 727551

Ion	Ratio	Lower	Upper
78	100		
77	26.2	19.4	29.0





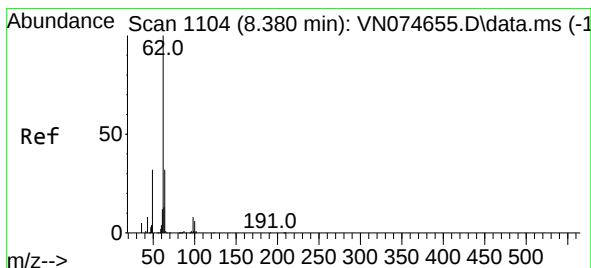
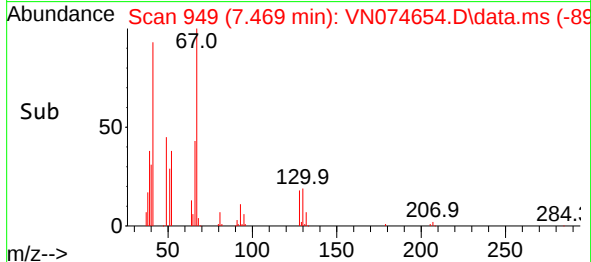
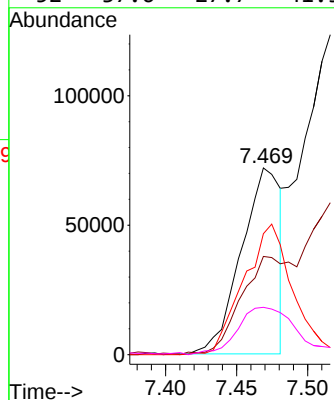
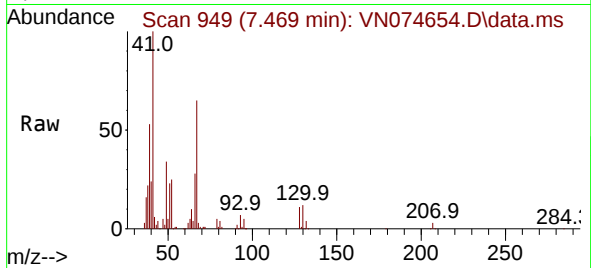
#41
Methacrylonitrile
Concen: 17.678 ug/l
RT: 7.469 min Scan# 949
Delta R.T. -0.006 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 41 Resp: 138339
Ion Ratio Lower Upper
41 100
39 53.9 48.6 73.0
67 88.0 73.4 110.2
52 37.6 27.7 41.5

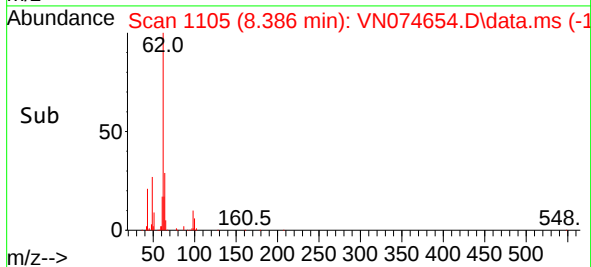
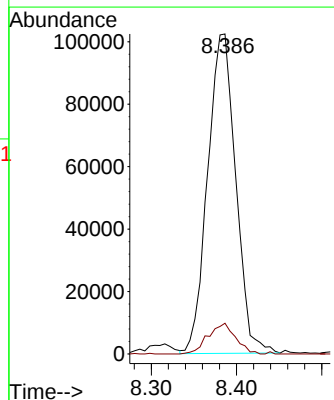
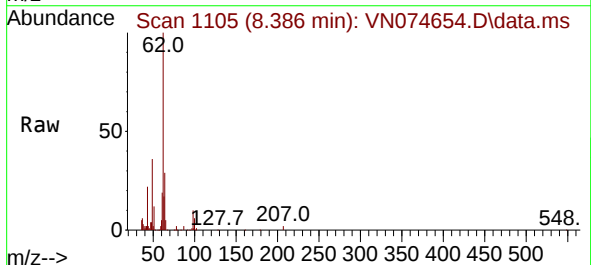
Manual Integrations
APPROVED

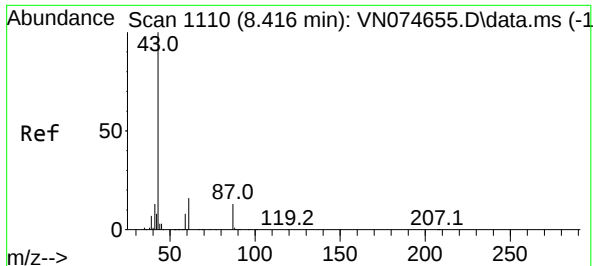
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#42
1,2-Dichloroethane
Concen: 18.802 ug/l
RT: 8.386 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56

Tgt Ion: 62 Resp: 235195
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.4





#43

Isopropyl Acetate

Concen: 19.390 ug/l

RT: 8.416 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN074654.D

Acq: 29 Sep 2022 14:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 554189

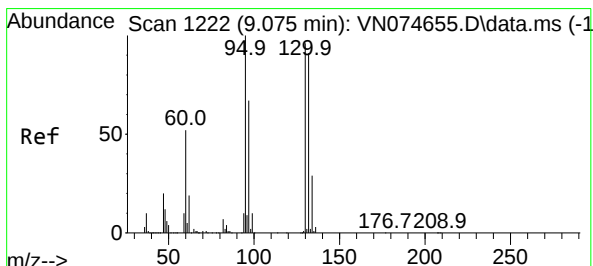
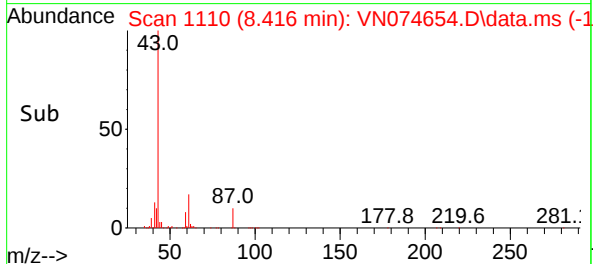
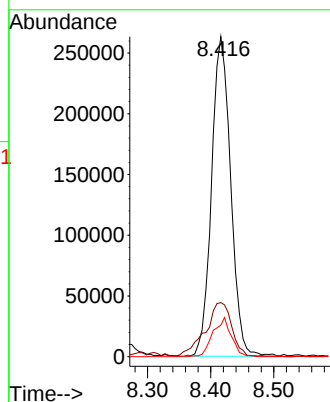
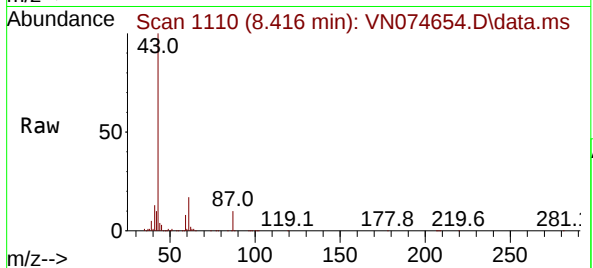
Ion	Ratio	Lower	Upper
43	100		
61	23.6	21.9	32.9
87	11.8	12.0	18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/05/2022



#44

Trichloroethene

Concen: 19.758 ug/l

RT: 9.075 min Scan# 1222

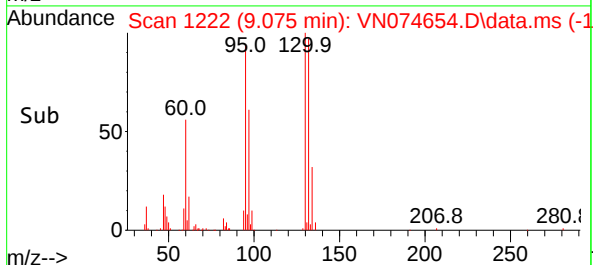
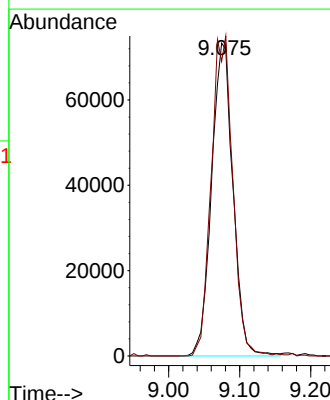
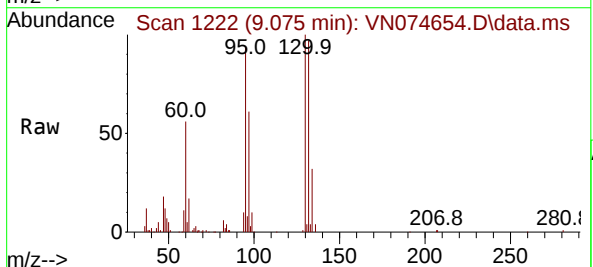
Delta R.T. 0.000 min

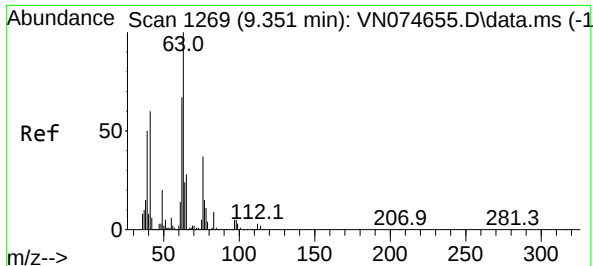
Lab File: VN074654.D

Acq: 29 Sep 2022 14:56

Tgt Ion:130 Resp: 153270

Ion	Ratio	Lower	Upper
130	100		
95	94.2	0.0	186.8





#45

1,2-Dichloropropane

Concen: 19.033 ug/l

RT: 9.351 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VN074654.D

Acq: 29 Sep 2022 14:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 19292

Ion Ratio Lower Upper

63 100

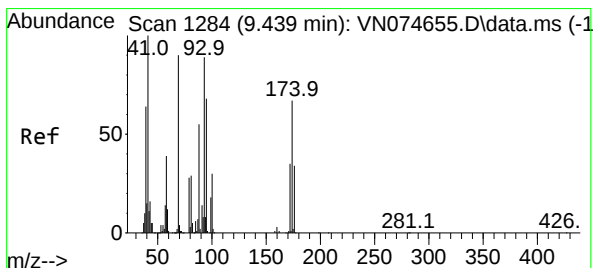
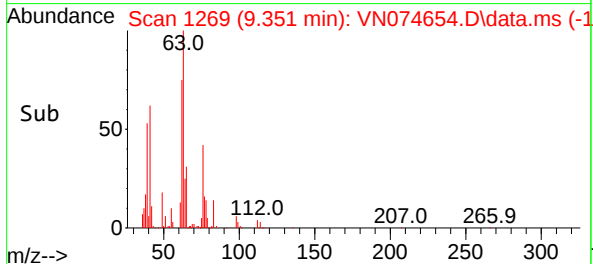
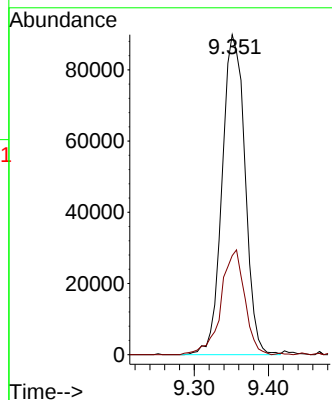
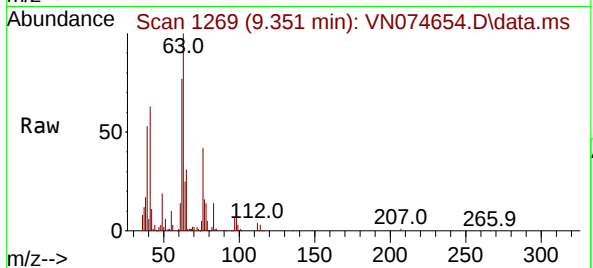
65 31.0 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/05/2022



#46

Dibromomethane

Concen: 18.906 ug/l

RT: 9.445 min Scan# 1285

Delta R.T. 0.006 min

Lab File: VN074654.D

Acq: 29 Sep 2022 14:56

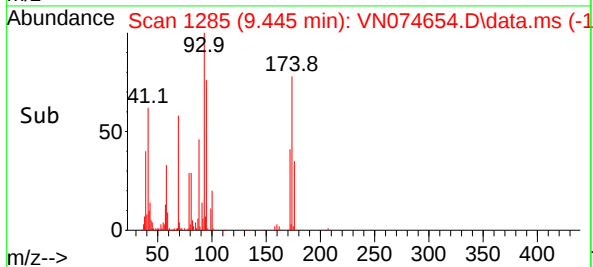
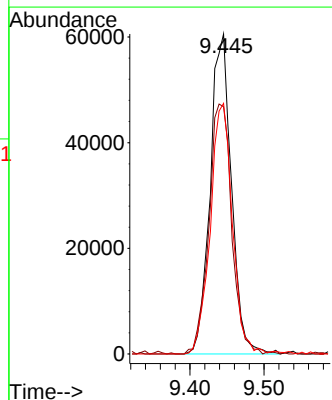
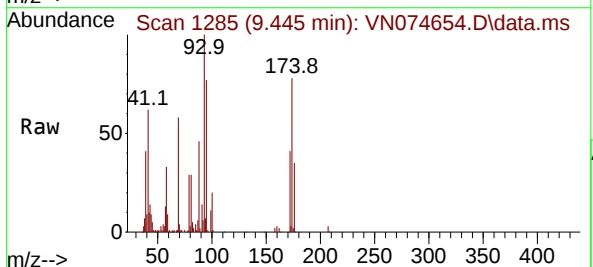
Tgt Ion: 93 Resp: 120794

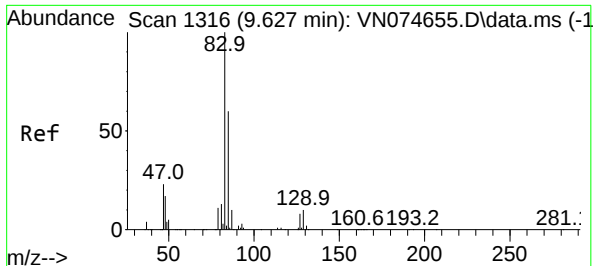
Ion Ratio Lower Upper

93 100

95 84.0 66.9 100.3

174 81.2 86.6 130.0#





#47

Bromodichloromethane

Concen: 18.777 ug/l

RT: 9.628 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN074654.D

Acq: 29 Sep 2022 14:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 83 Resp: 23446

Ion Ratio Lower Upper

83 100

85 63.2 50.5 75.7

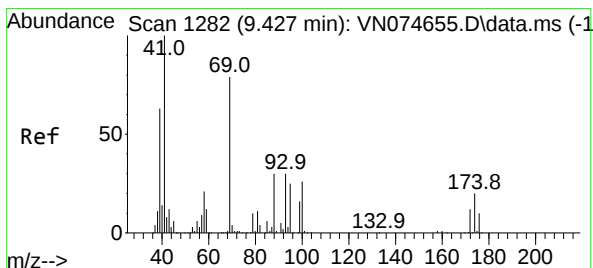
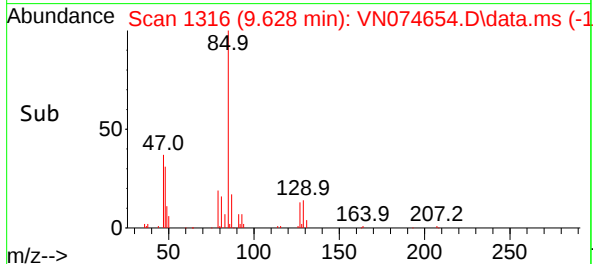
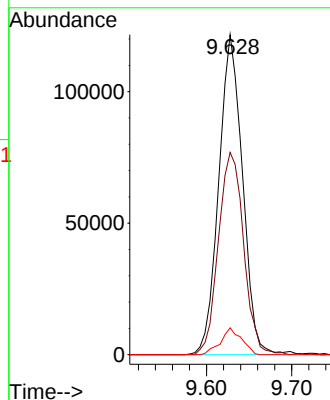
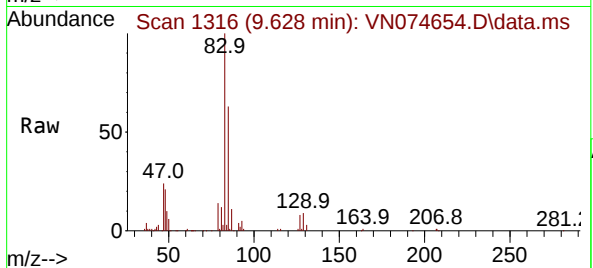
127 8.4 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/05/2022



#48

Methyl methacrylate

Concen: 19.260 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VN074654.D

Acq: 29 Sep 2022 14:56

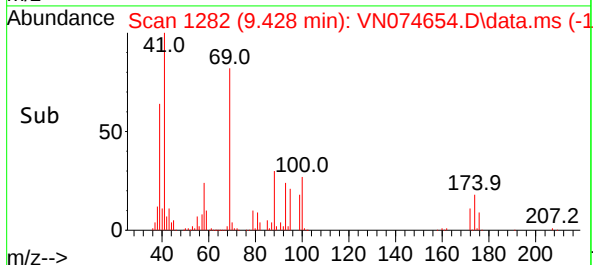
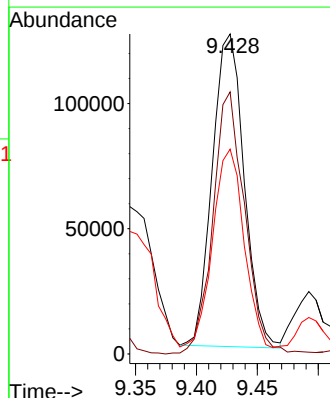
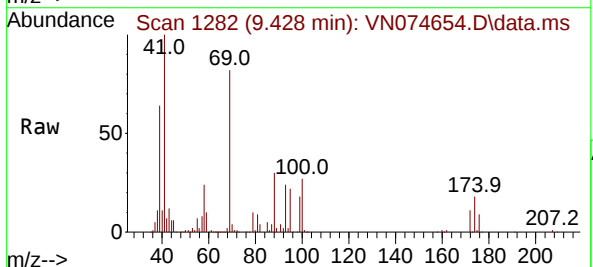
Tgt Ion: 41 Resp: 226841

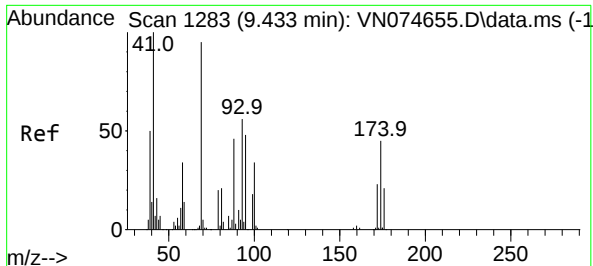
Ion Ratio Lower Upper

41 100

69 83.9 74.7 112.1

39 62.7 45.6 68.4





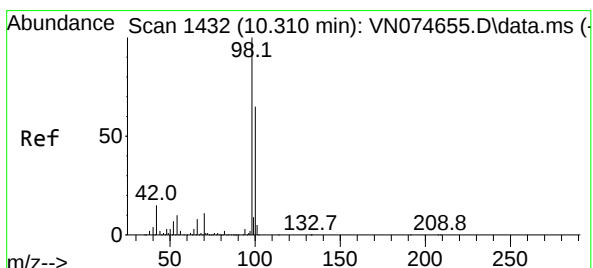
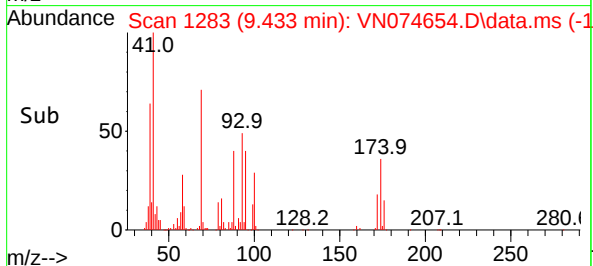
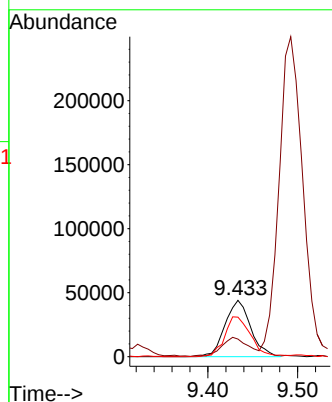
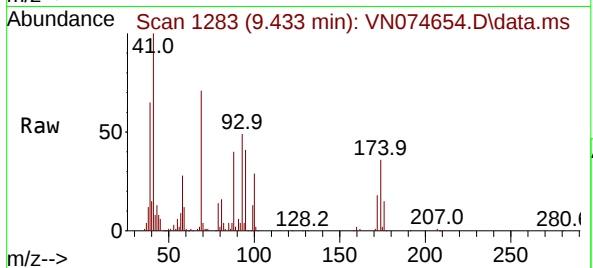
#49
1,4-Dioxane
Concen: 388.507 ug/l
RT: 9.433 min Scan# 1283
Delta R.T. 0.000 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 88 Resp: 8728
Ion Ratio Lower Upper
88 100
43 34.8 20.2 30.4
58 71.5 54.2 81.4

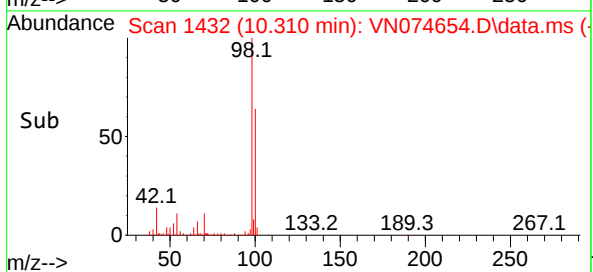
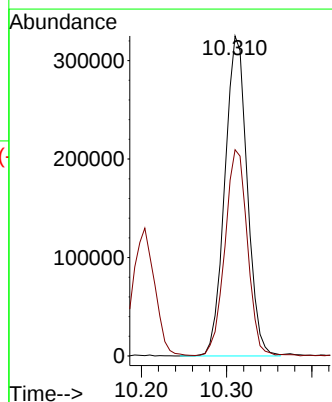
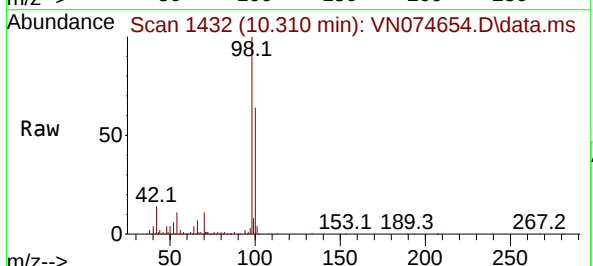
Manual Integrations
APPROVED

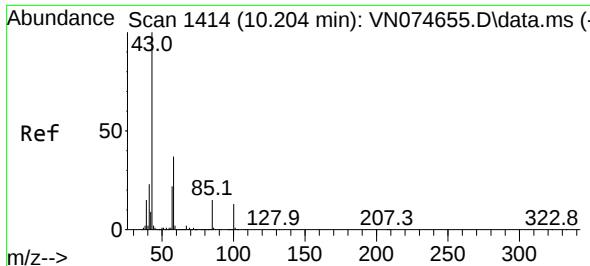
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#50
Toluene-d8
Concen: 18.674 ug/l
RT: 10.310 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56

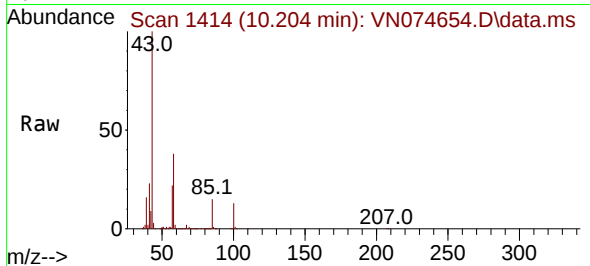
Tgt Ion: 98 Resp: 592514
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 97.939 ug/l
RT: 10.204 min Scan# 1414
Delta R.T. 0.000 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56

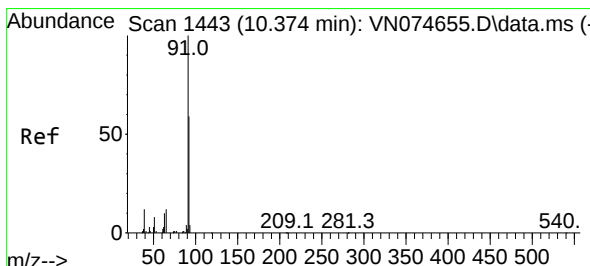
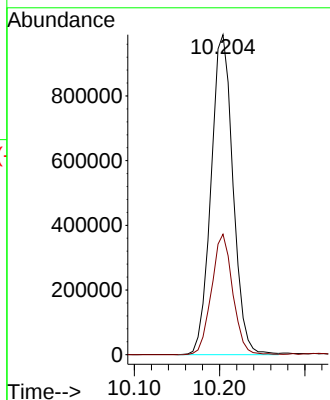
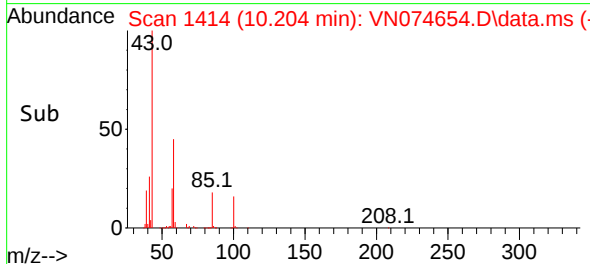
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



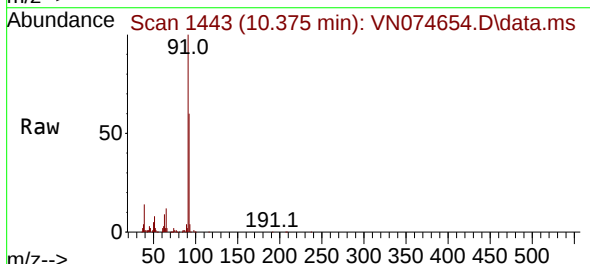
Tgt Ion: 43 Resp: 177129
Ion Ratio Lower Upper
43 100
58 36.3 34.1 51.1

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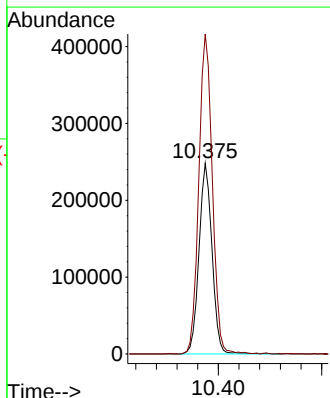
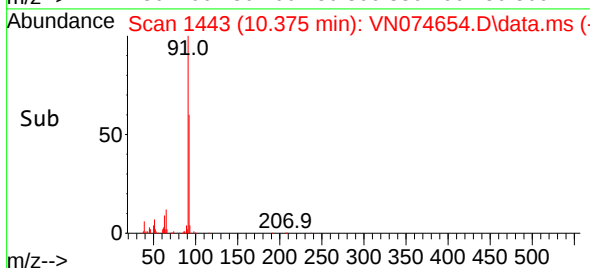
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

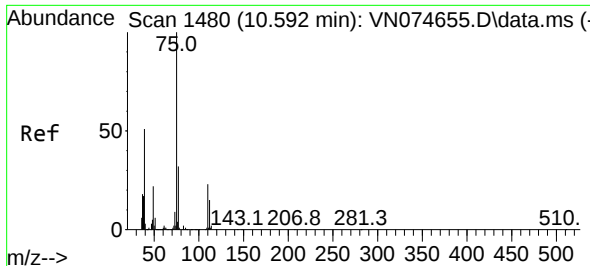


#52
Toluene
Concen: 19.294 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56



Tgt Ion: 92 Resp: 433788
Ion Ratio Lower Upper
92 100
91 174.0 138.6 207.8





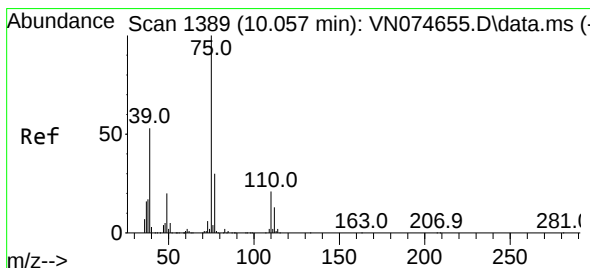
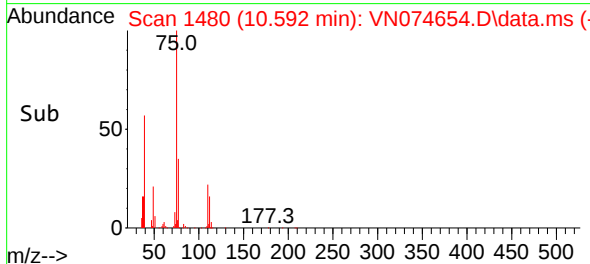
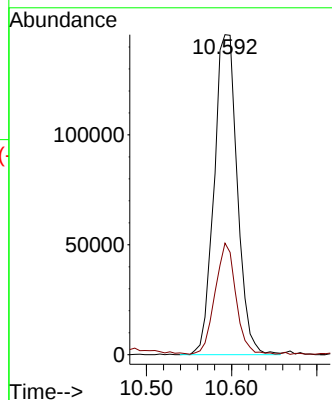
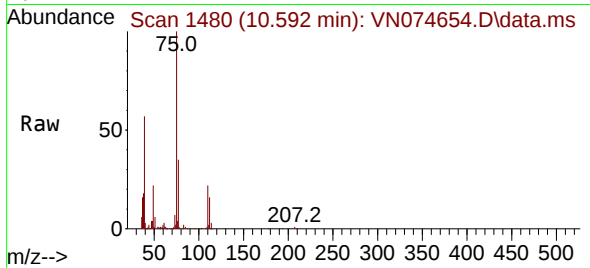
#53
t-1,3-Dichloropropene
Concen: 19.499 ug/l
RT: 10.592 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 276008
Ion Ratio Lower Upper
75 100
77 34.5 25.6 38.4

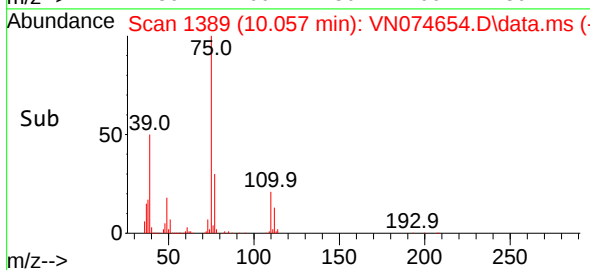
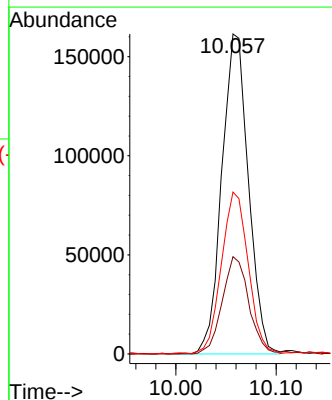
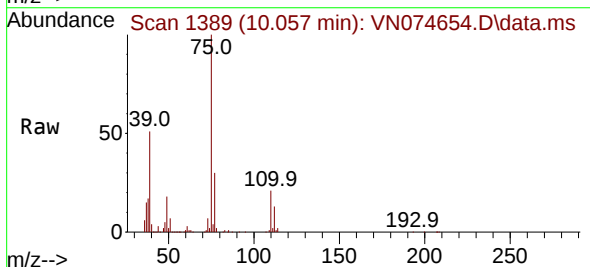
Manual Integrations
APPROVED

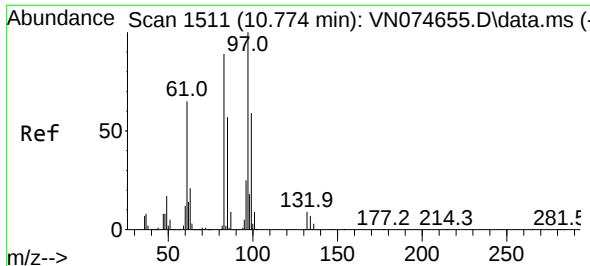
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#54
cis-1,3-Dichloropropene
Concen: 19.064 ug/l
RT: 10.057 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56

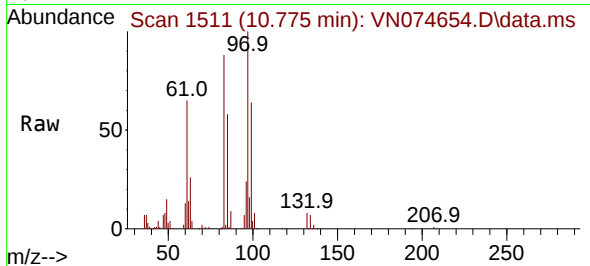
Tgt Ion: 75 Resp: 297293
Ion Ratio Lower Upper
75 100
77 30.3 25.2 37.8
39 50.4 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 18.822 ug/l
RT: 10.775 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56

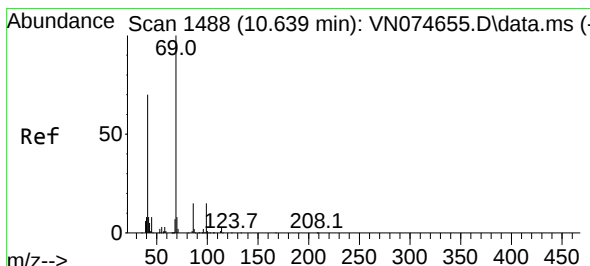
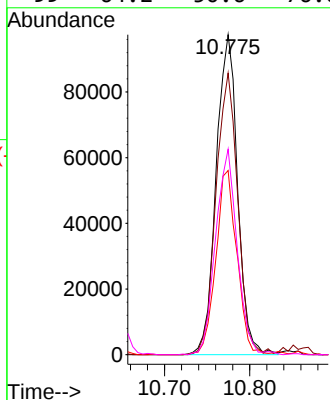
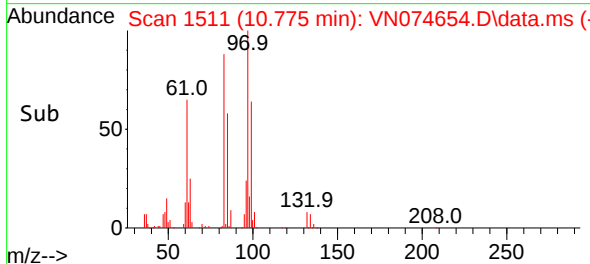
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:	97	Resp:	170539
Ion Ratio	100	Lower	Upper
97	100		
83	88.0	66.2	99.4
85	57.5	43.9	65.9
99	64.2	50.6	76.0

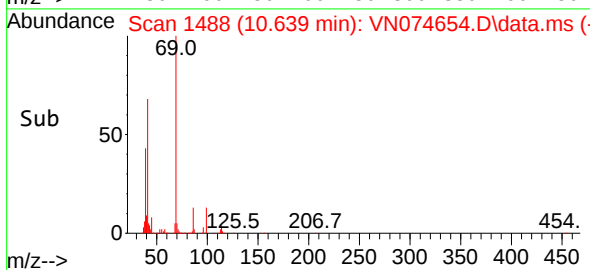
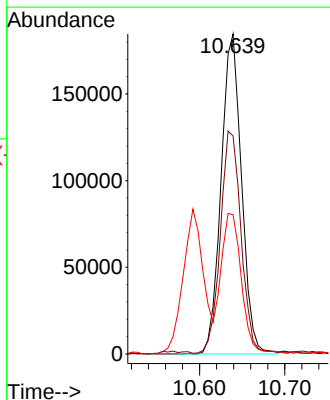
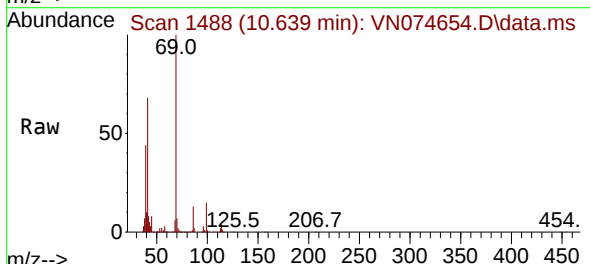
Manual Integrations
APPROVED

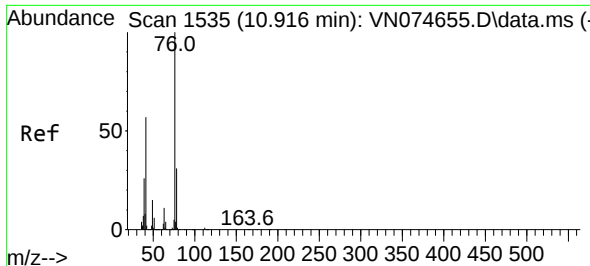
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#56
Ethyl methacrylate
Concen: 19.641 ug/l
RT: 10.639 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56

Tgt Ion:	69	Resp:	306988
Ion Ratio	100	Lower	Upper
69	100		
41	70.6	47.8	71.6
39	43.4	27.3	40.9





#57

1,3-Dichloropropane

Concen: 19.232 ug/l

RT: 10.916 min Scan# 1535

Delta R.T. 0.000 min

Lab File: VN074654.D

Acq: 29 Sep 2022 14:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 30839

Ion Ratio Lower Upper

76 100

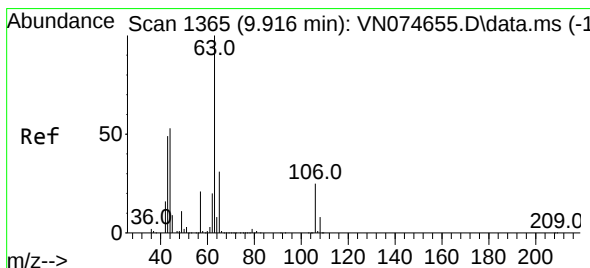
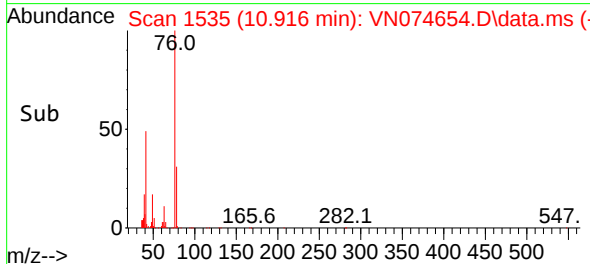
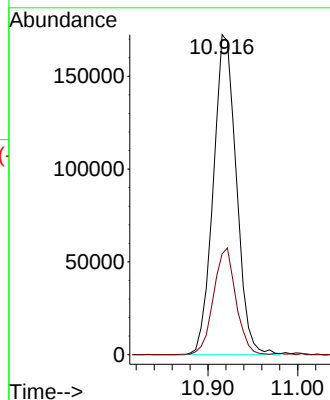
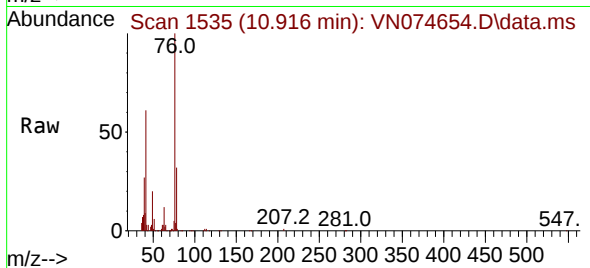
78 32.4 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/05/2022



#58

2-Chloroethyl Vinyl ether

Concen: 95.817 ug/l

RT: 9.916 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VN074654.D

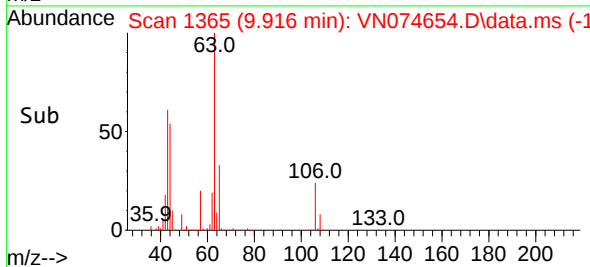
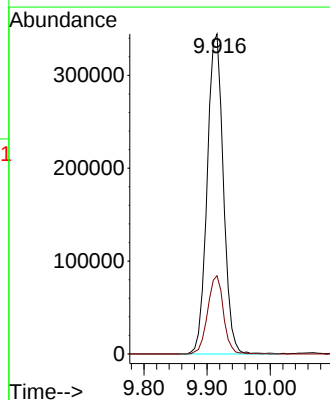
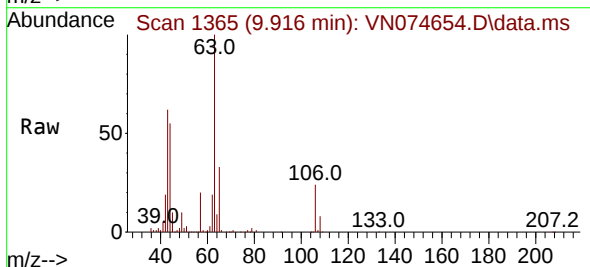
Acq: 29 Sep 2022 14:56

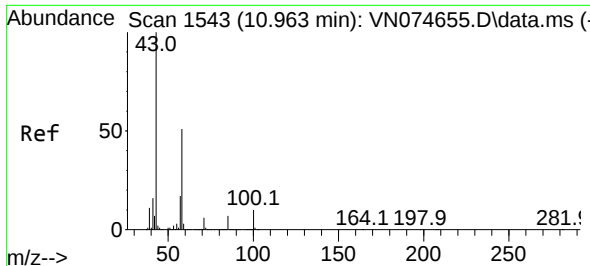
Tgt Ion: 63 Resp: 611417

Ion Ratio Lower Upper

63 100

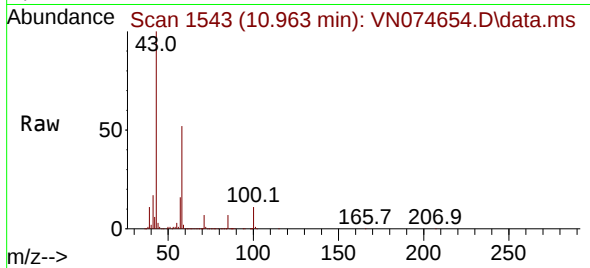
106 23.9 24.6 36.8





#59
2-Hexanone
Concen: 97.729 ug/l
RT: 10.963 min Scan# 1543
Delta R.T. 0.000 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56

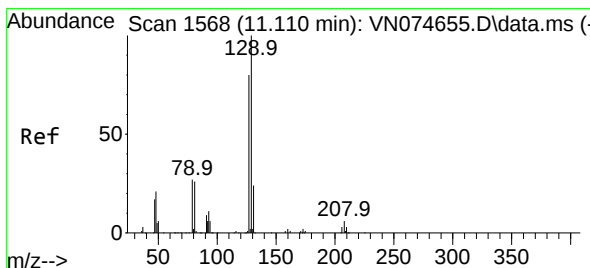
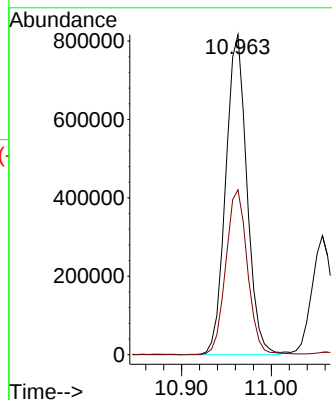
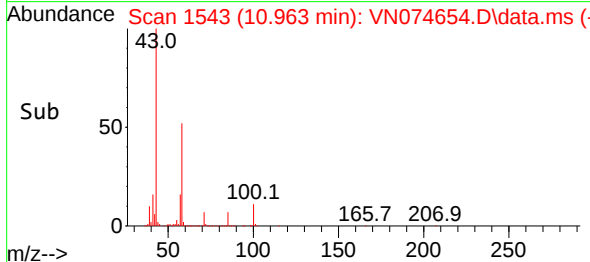
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 1335770
Ion Ratio Lower Upper
43 100
58 52.9 29.7 89.1

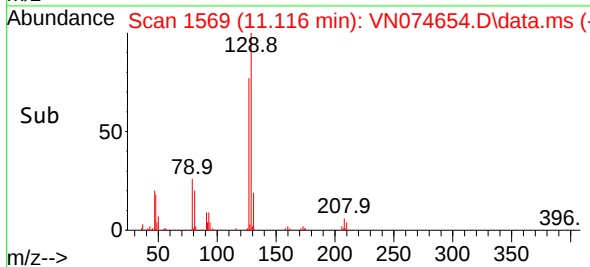
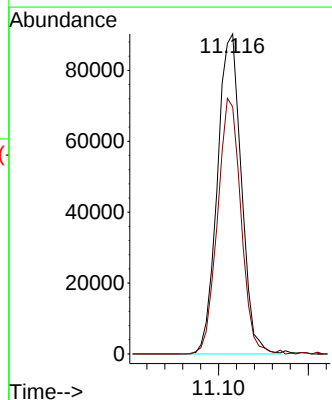
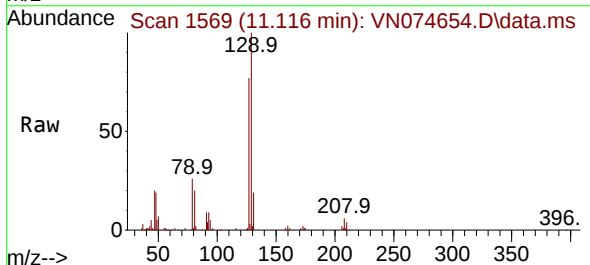
Manual Integrations
APPROVED

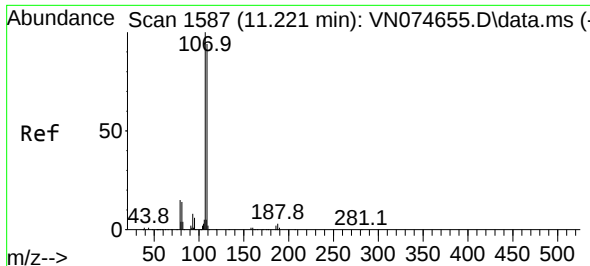
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#60
Dibromochloromethane
Concen: 19.186 ug/l
RT: 11.116 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56

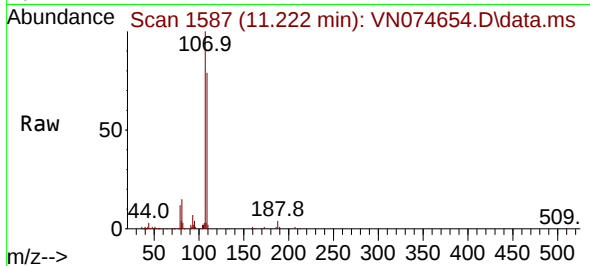
Tgt Ion:129 Resp: 167243
Ion Ratio Lower Upper
129 100
127 78.2 38.8 116.4





#61
1,2-Dibromoethane
Concen: 19.420 ug/l
RT: 11.222 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56

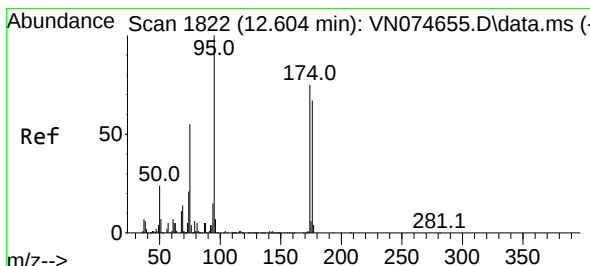
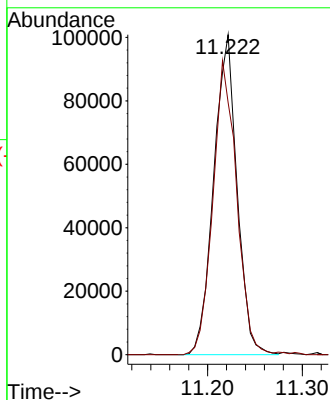
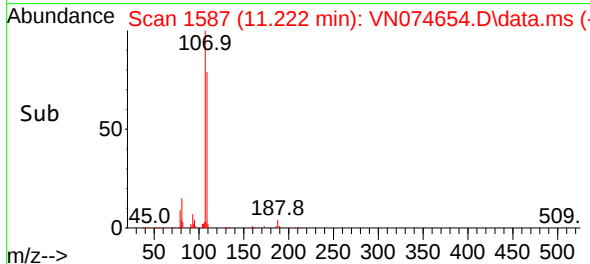
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:107 Resp: 17242
Ion Ratio Lower Upper
107 100
109 94.1 75.0 112.6

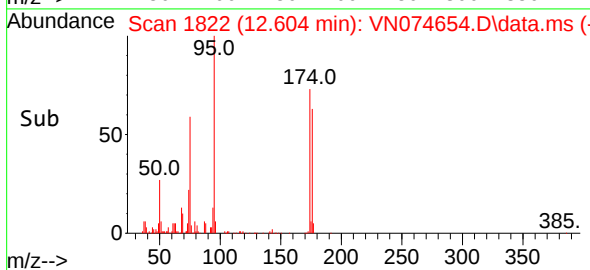
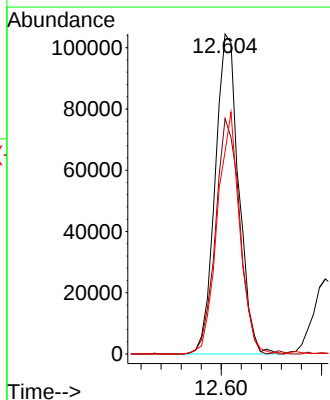
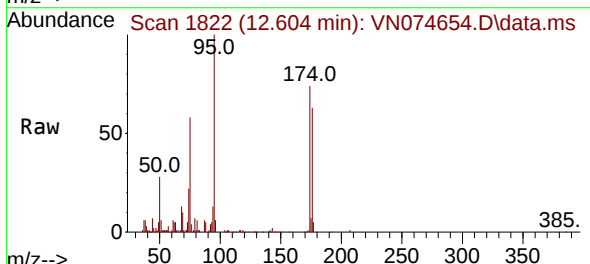
Manual Integrations
APPROVED

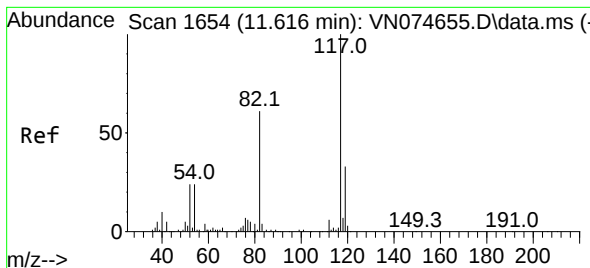
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#62
4-Bromofluorobenzene
Concen: 16.987 ug/l
RT: 12.604 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56

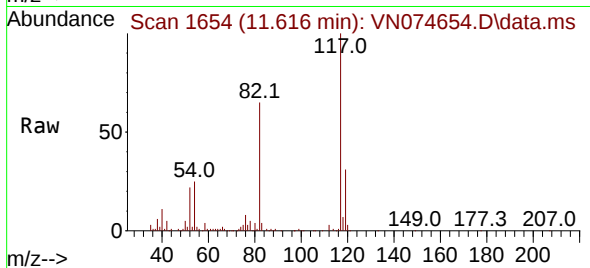
Tgt Ion: 95 Resp: 170903
Ion Ratio Lower Upper
95 100
174 75.3 0.0 167.6
176 71.8 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.616 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56

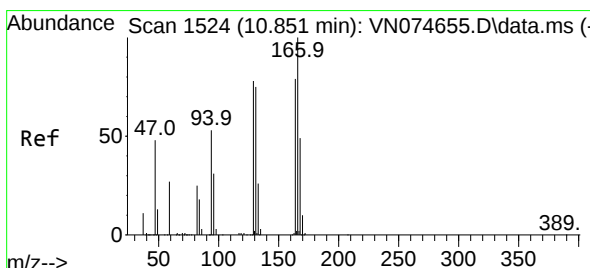
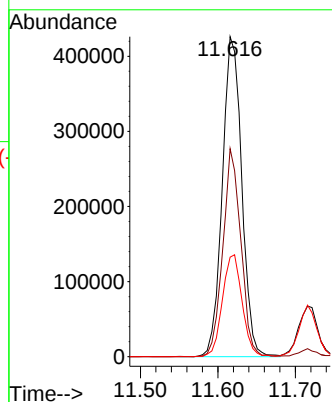
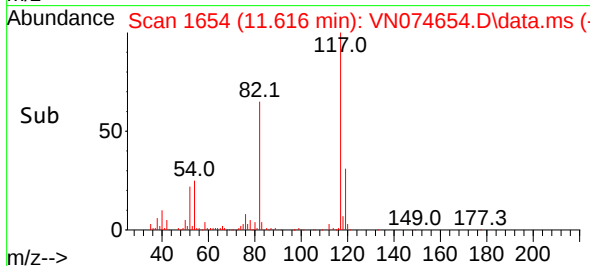
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



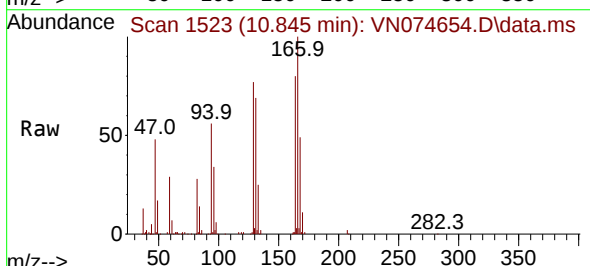
Tgt Ion:117 Resp: 745089
Ion Ratio Lower Upper
117 100
82 64.9 44.2 66.2
119 31.1 25.4 38.0

Manual Integrations
APPROVED

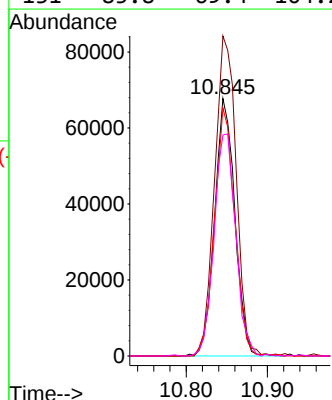
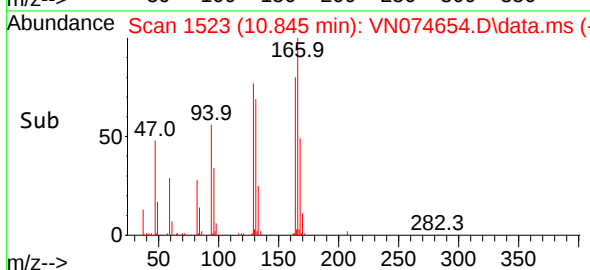
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

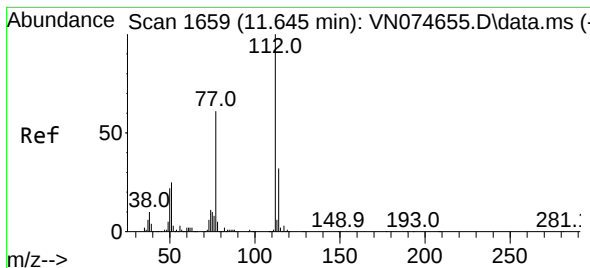


#64
Tetrachloroethene
Concen: 18.640 ug/l
RT: 10.845 min Scan# 1523
Delta R.T. -0.006 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56



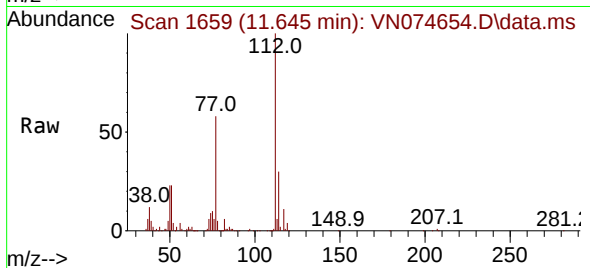
Tgt Ion:164 Resp: 117417
Ion Ratio Lower Upper
164 100
166 124.3 104.2 156.2
129 96.3 73.9 110.9
131 85.8 69.4 104.2





#65
Chlorobenzene
Concen: 19.394 ug/l
RT: 11.645 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56

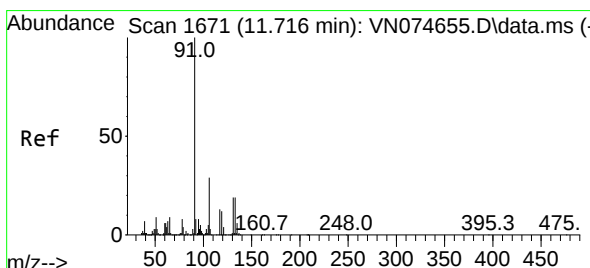
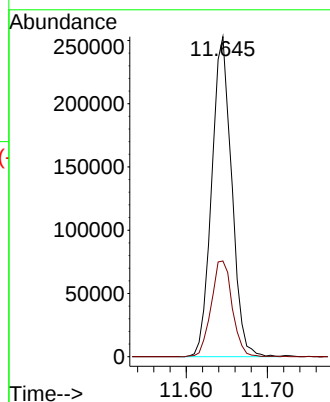
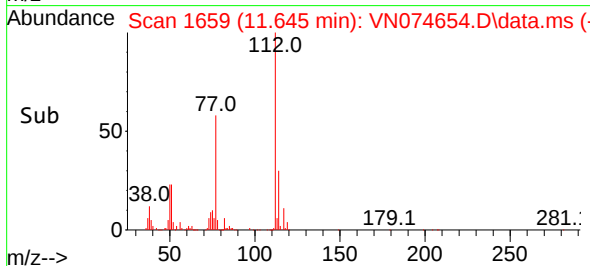
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



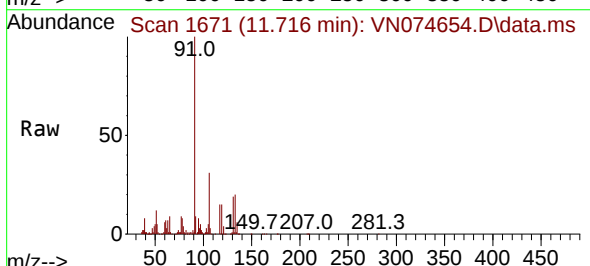
Tgt Ion:112 Resp: 432375
Ion Ratio Lower Upper
112 100
114 29.9 25.4 38.2

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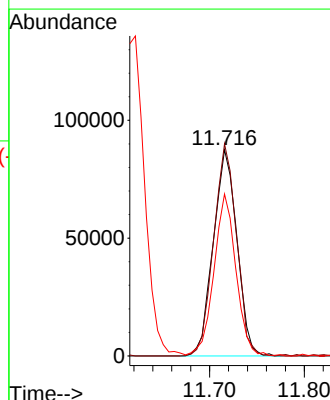
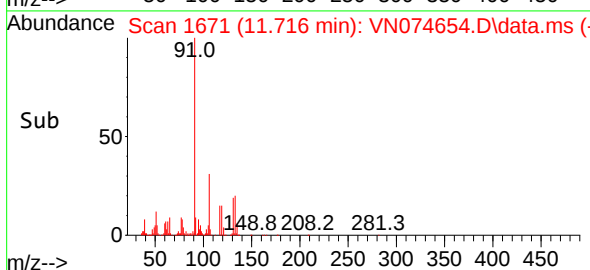
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

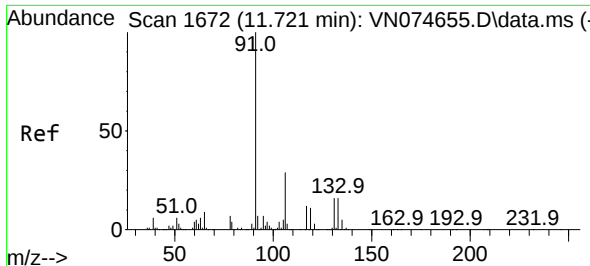


#66
1,1,1,2-Tetrachloroethane
Concen: 19.101 ug/l
RT: 11.716 min Scan# 1671
Delta R.T. 0.000 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56



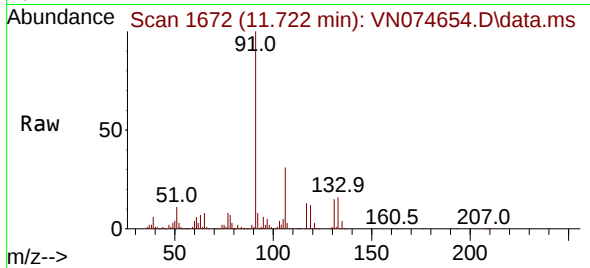
Tgt Ion:131 Resp: 151927
Ion Ratio Lower Upper
131 100
133 99.5 47.8 143.4
119 73.3 33.4 100.2





#67
Ethyl Benzene
Concen: 19.366 ug/l
RT: 11.722 min Scan# 1672
Delta R.T. 0.000 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56

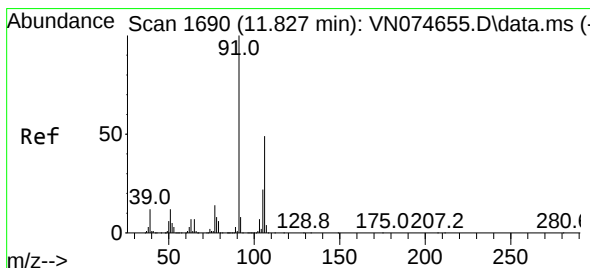
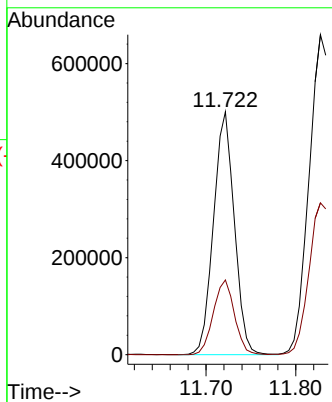
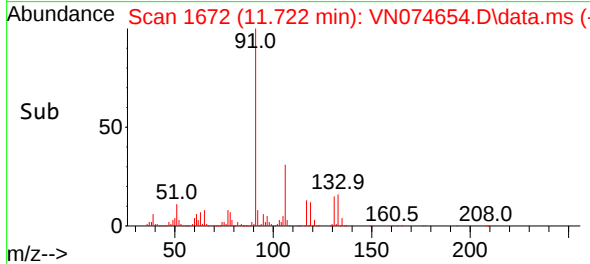
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



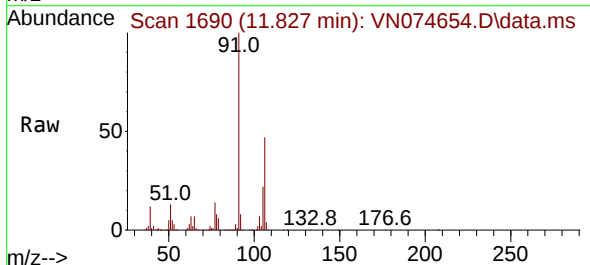
Tgt Ion: 91 Resp: 807824
Ion Ratio Lower Upper
91 100
106 30.8 24.9 37.3

Manual Integrations
APPROVED

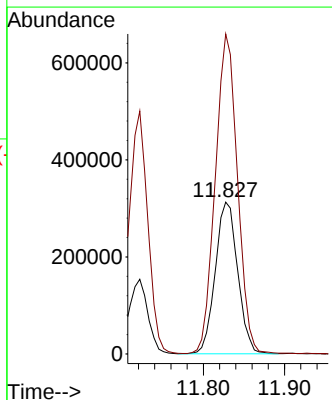
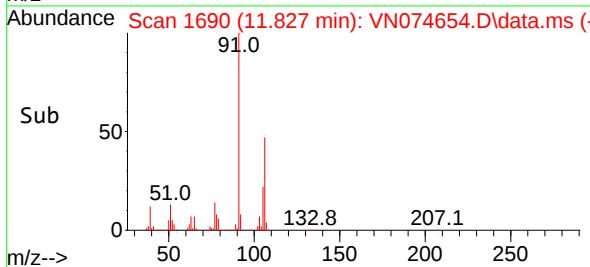
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

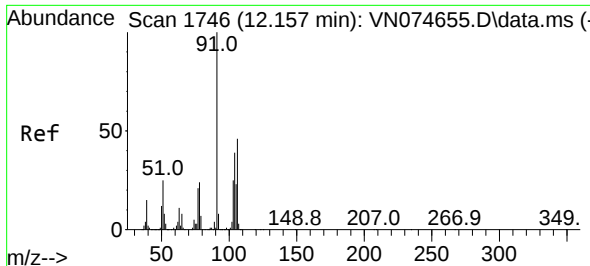


#68
m/p-Xylenes
Concen: 37.973 ug/l
RT: 11.827 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56



Tgt Ion:106 Resp: 599792
Ion Ratio Lower Upper
106 100
91 208.7 158.9 238.3





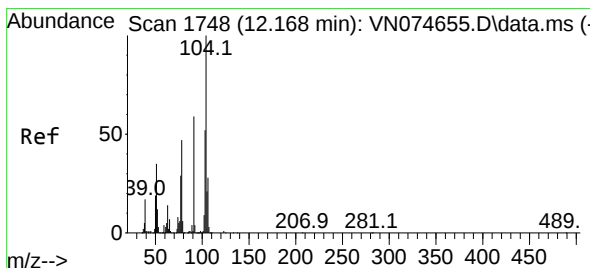
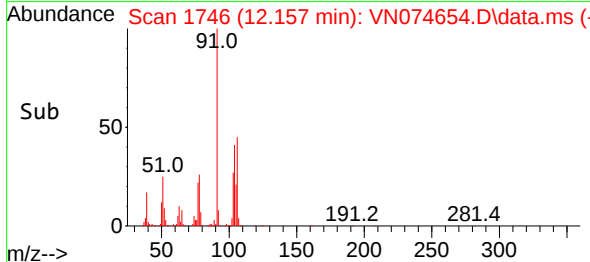
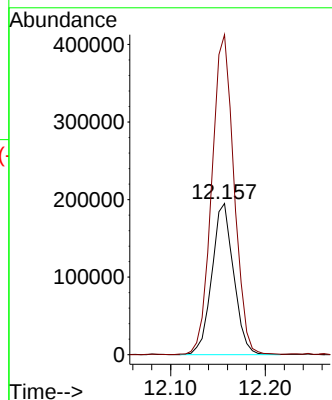
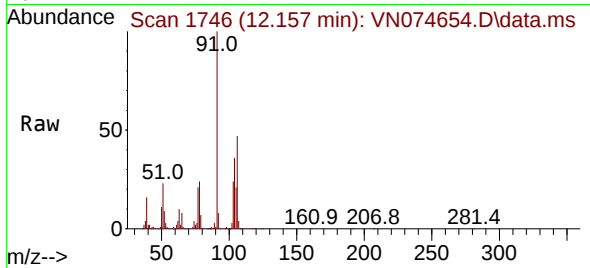
#69
o-Xylene
Concen: 19.572 ug/l
RT: 12.157 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 31075
Ion Ratio Lower Upper
106 100
91 215.7 106.0 318.0

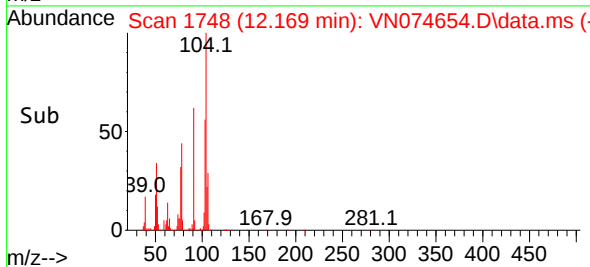
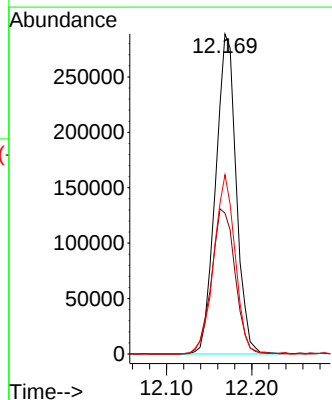
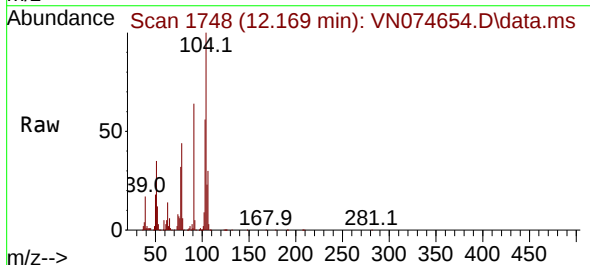
Manual Integrations
APPROVED

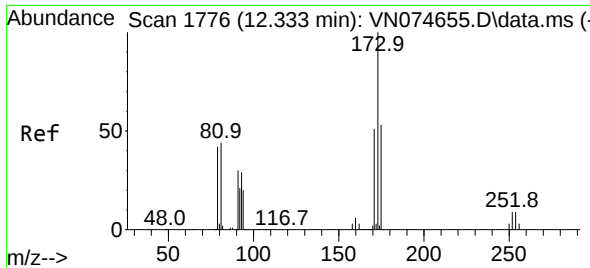
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#70
Styrene
Concen: 19.203 ug/l
RT: 12.169 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56

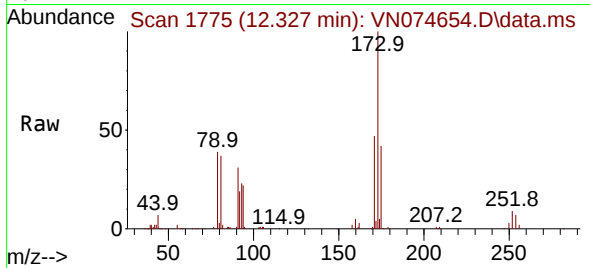
Tgt Ion:104 Resp: 486273
Ion Ratio Lower Upper
104 100
78 51.7 39.5 59.3
103 57.8 44.0 66.0





#71
Bromoform
Concen: 18.427 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56

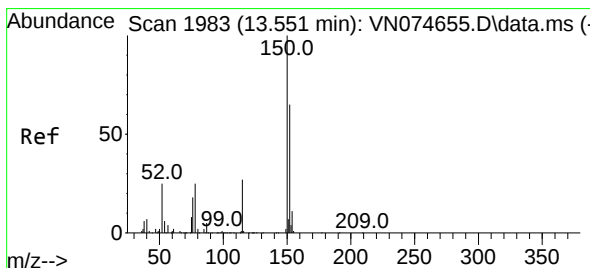
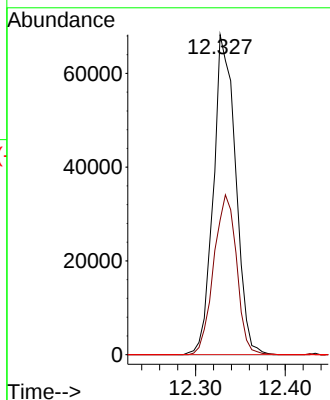
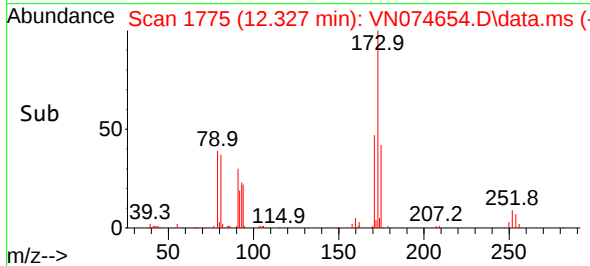
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



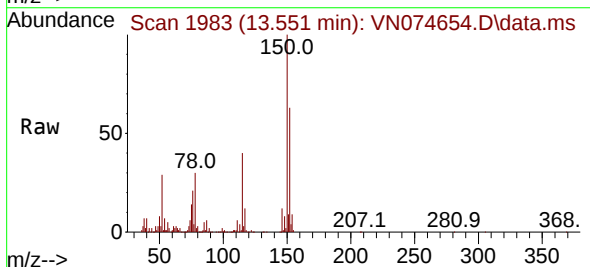
Tgt Ion:173 Resp: 11752
Ion Ratio Lower Upper
173 100
175 51.3 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

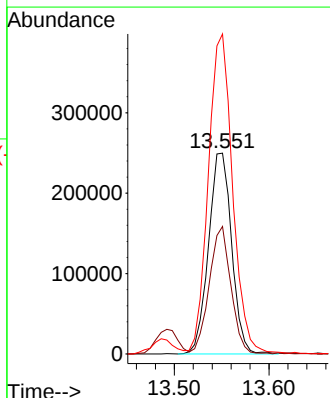
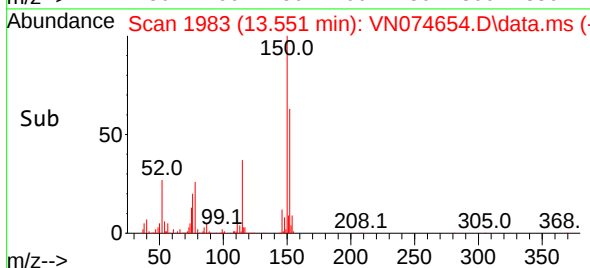
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

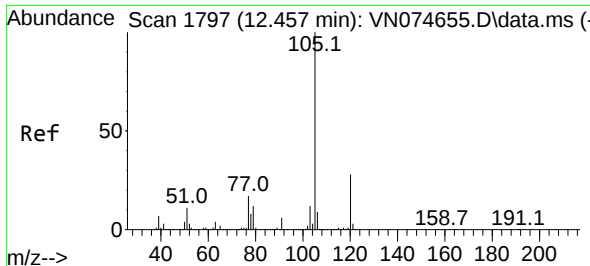


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56



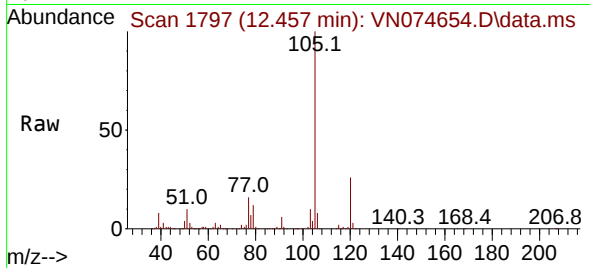
Tgt Ion:152 Resp: 424062
Ion Ratio Lower Upper
152 100
115 59.1 28.9 86.7
150 167.5 0.0 356.2





#73
Isopropylbenzene
Concen: 19.599 ug/l
RT: 12.457 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56

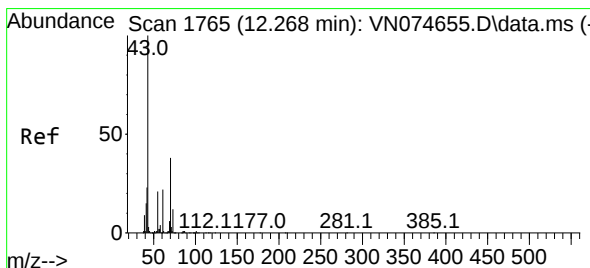
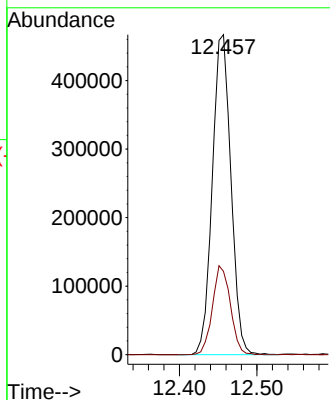
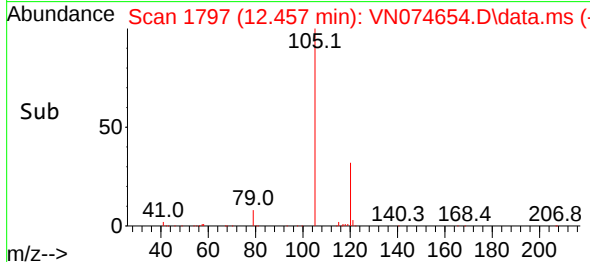
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



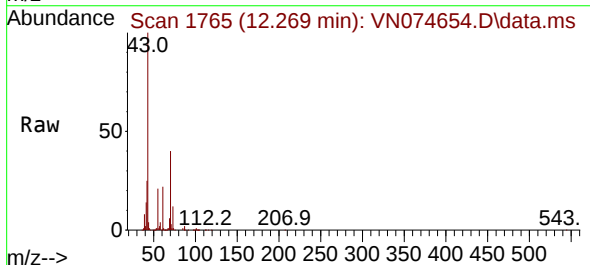
Tgt Ion:105 Resp: 778550
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.4

Manual Integrations
APPROVED

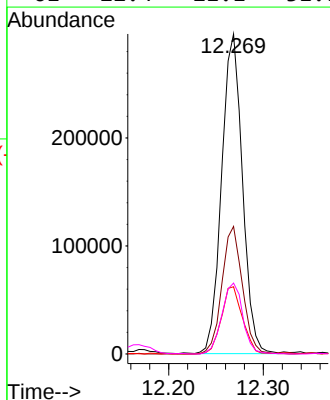
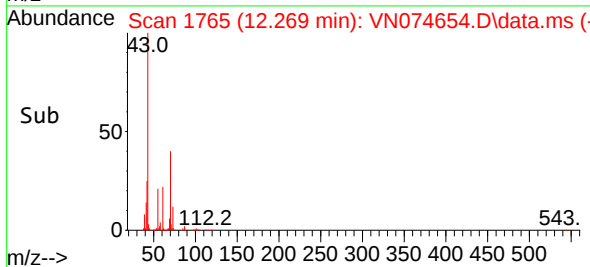
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

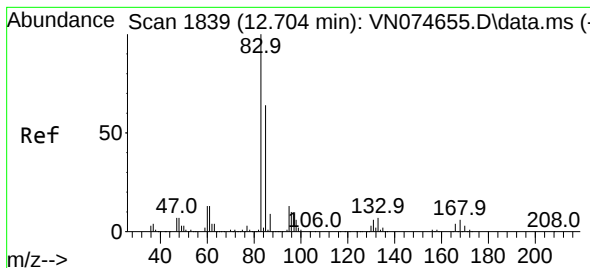


#74
N-ethyl acetate
Concen: 18.590 ug/l
RT: 12.269 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56



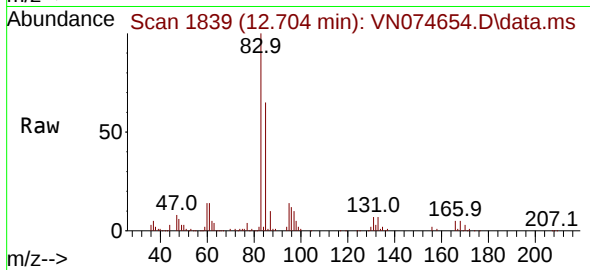
Tgt Ion: 43 Resp: 452413
Ion Ratio Lower Upper
43 100
70 39.3 39.0 58.4
55 21.4 21.1 31.7
61 22.4 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 19.647 ug/l
RT: 12.704 min Scan# 1839
Delta R.T. 0.000 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56

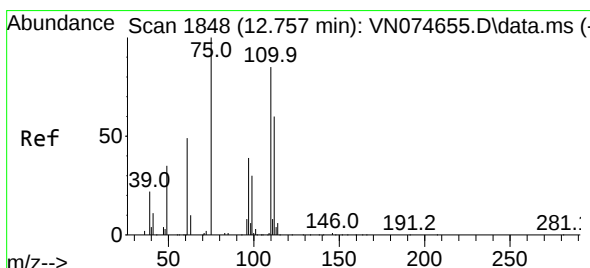
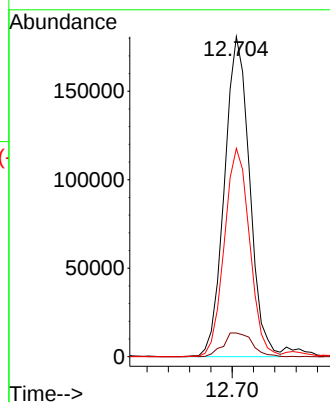
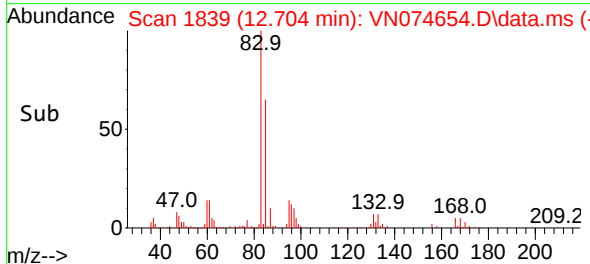
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



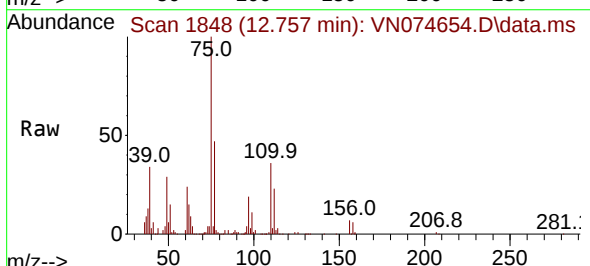
Tgt Ion: 83 Resp: 29695
Ion Ratio Lower Upper
83 100
131 8.6 5.3 15.9
85 65.4 32.3 96.9

Manual Integrations
APPROVED

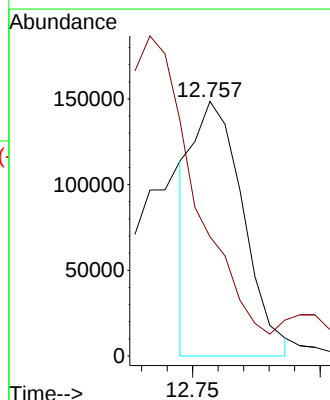
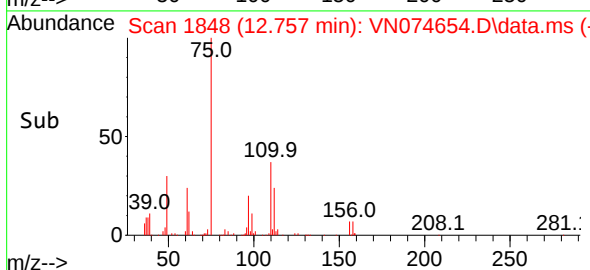
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

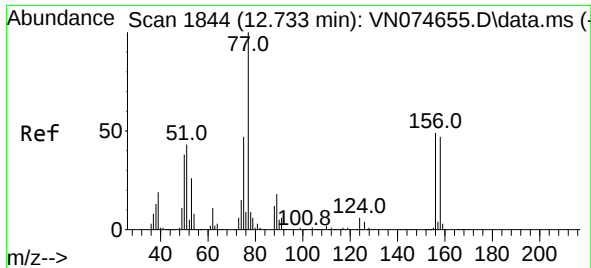


#76
1,2,3-Trichloropropane
Concen: 18.598 ug/l m
RT: 12.757 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56



Tgt Ion: 75 Resp: 204905
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





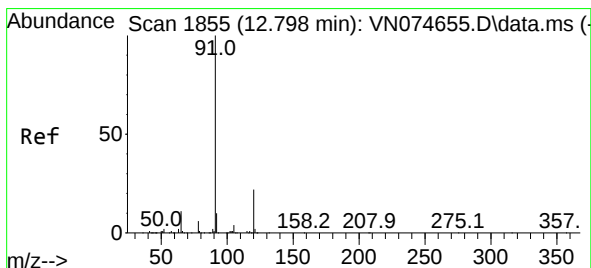
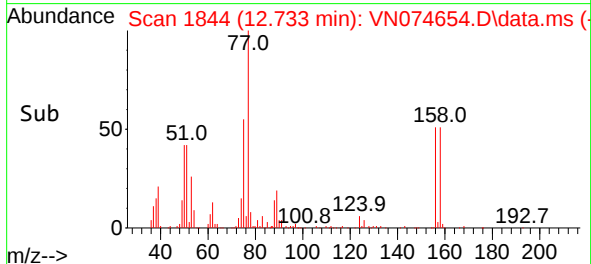
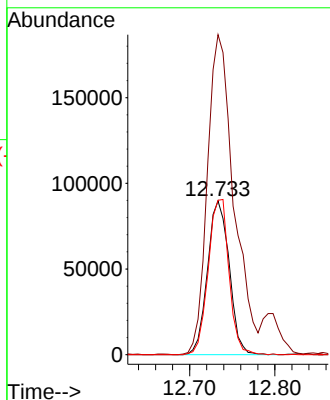
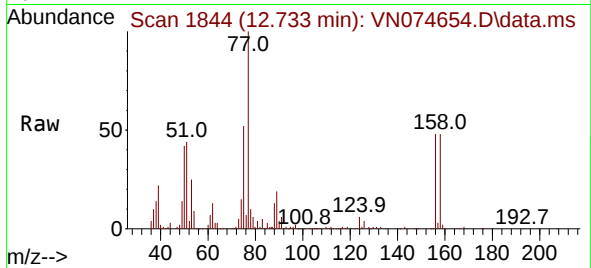
#77
Bromobenzene
Concen: 18.674 ug/l
RT: 12.733 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:156 Resp: 15892
Ion Ratio Lower Upper
156 100
77 253.9 100.5 301.5
158 96.8 48.9 146.6

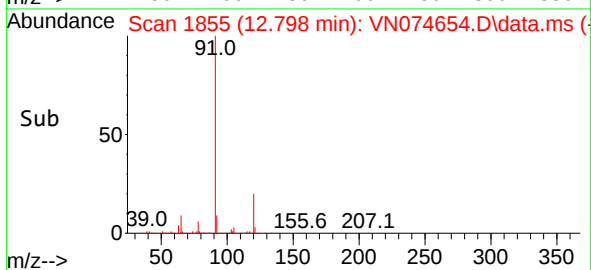
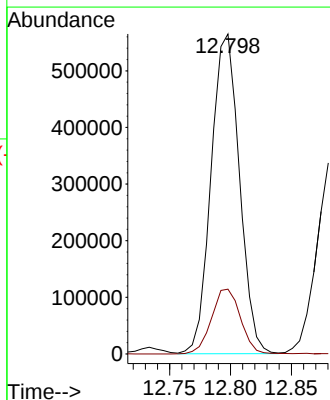
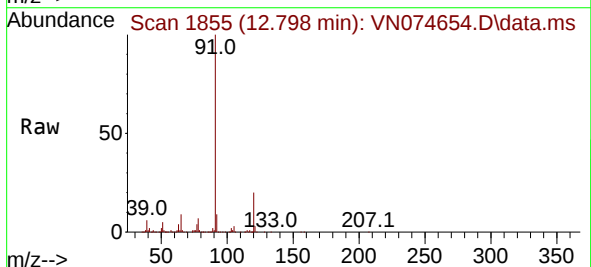
Manual Integrations
APPROVED

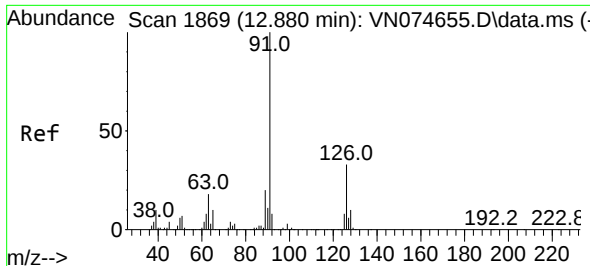
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#78
n-propylbenzene
Concen: 19.991 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56

Tgt Ion: 91 Resp: 916035
Ion Ratio Lower Upper
91 100
120 20.7 11.9 35.5





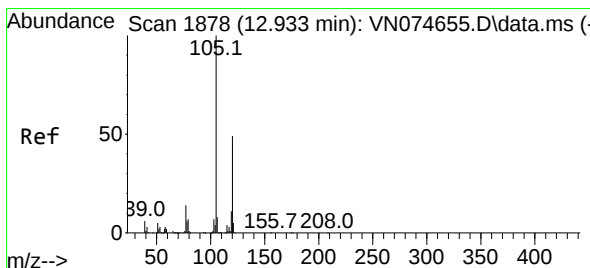
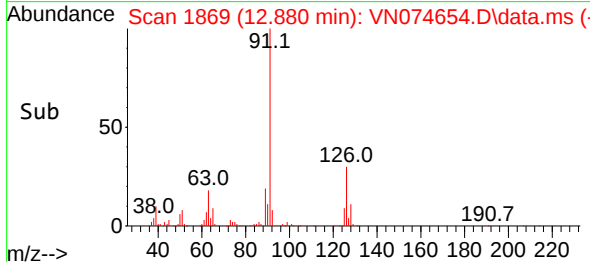
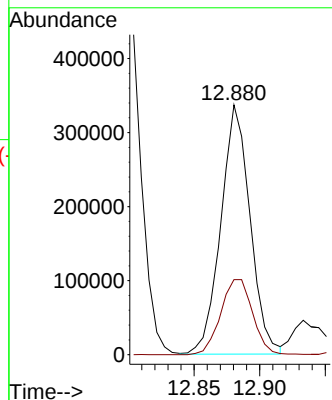
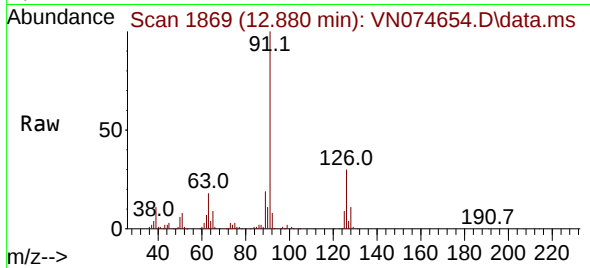
#79
2-Chlorotoluene
Concen: 18.979 ug/l
RT: 12.880 min Scan# 1869
Delta R.T. 0.000 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 52260
Ion Ratio Lower Upper
91 100
126 33.0 17.3 51.9

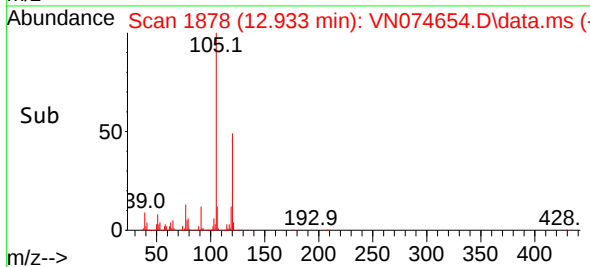
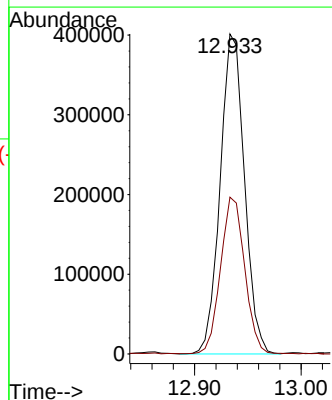
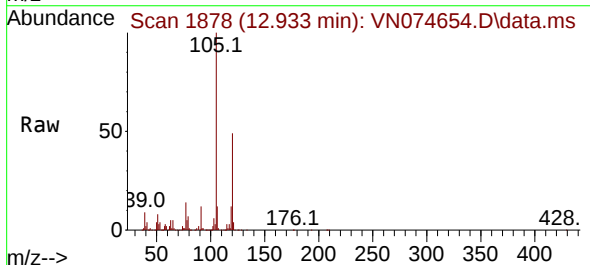
Manual Integrations
APPROVED

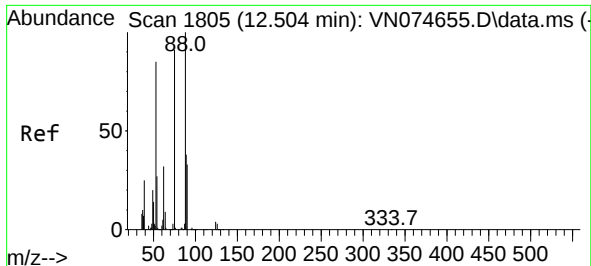
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.043 ug/l
RT: 12.933 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56

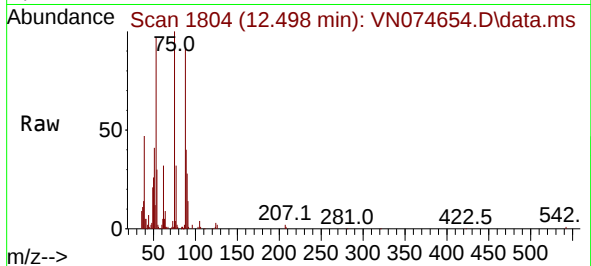
Tgt Ion:105 Resp: 635358
Ion Ratio Lower Upper
105 100
120 48.5 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 19.816 ug/l
RT: 12.498 min Scan# 1804
Delta R.T. -0.006 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56

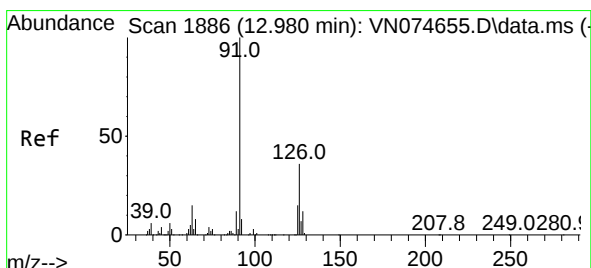
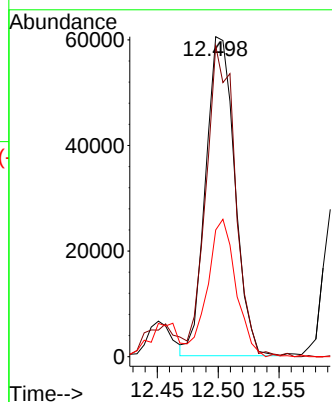
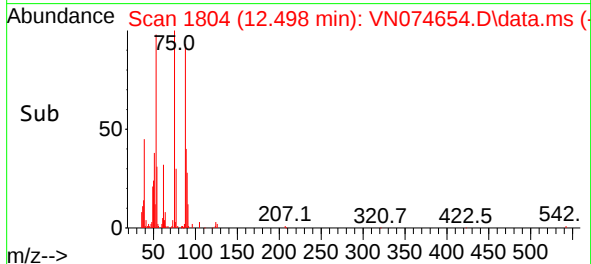
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 75 Resp: 100558
Ion Ratio Lower Upper
75 100
53 97.1 78.0 117.0
89 42.0 37.2 55.8

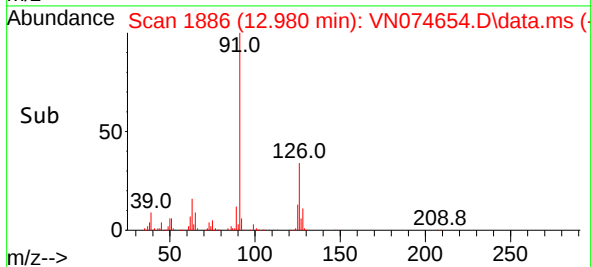
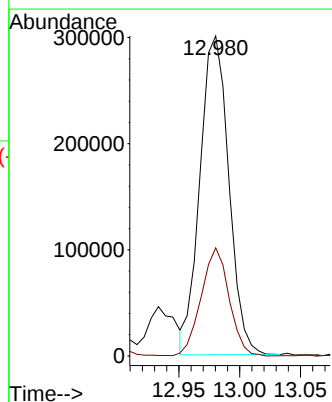
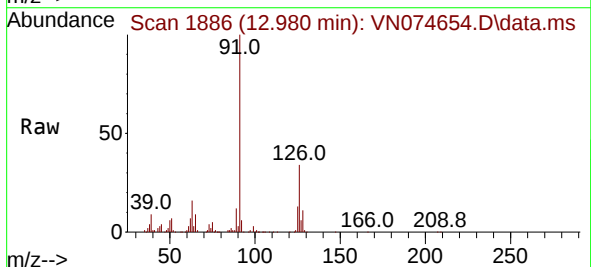
Manual Integrations
APPROVED

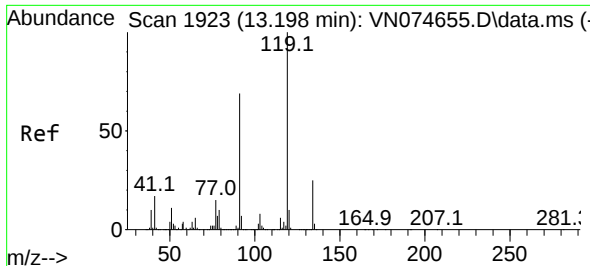
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#82
4-Chlorotoluene
Concen: 19.363 ug/l
RT: 12.980 min Scan# 1886
Delta R.T. 0.000 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56

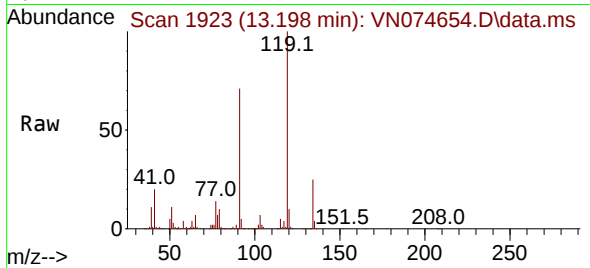
Tgt Ion: 91 Resp: 496173
Ion Ratio Lower Upper
91 100
126 32.7 17.2 51.6





#83
tert-Butylbenzene
Concen: 19.351 ug/l
RT: 13.198 min Scan# 1923
Delta R.T. 0.000 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56

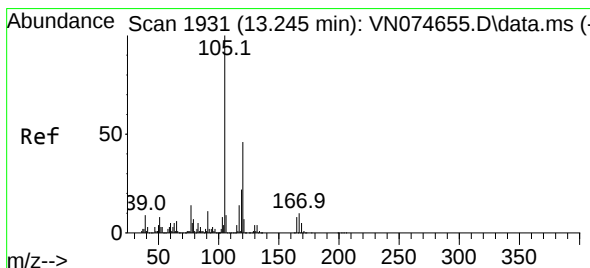
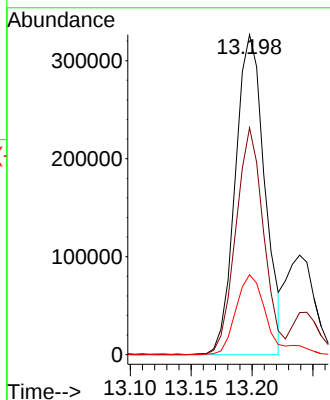
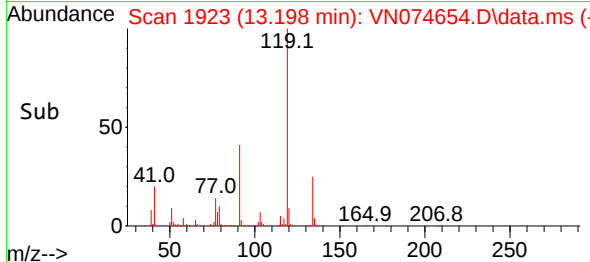
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



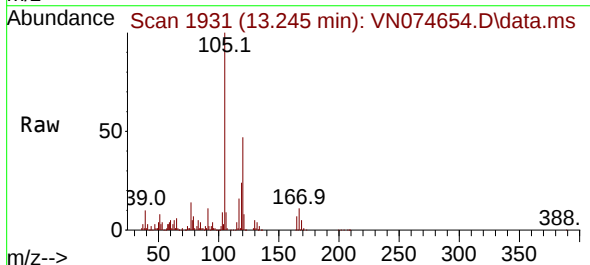
Tgt Ion:119 Resp: 547839
Ion Ratio Lower Upper
119 100
91 67.6 31.6 94.8
134 26.5 13.7 41.1

Manual Integrations
APPROVED

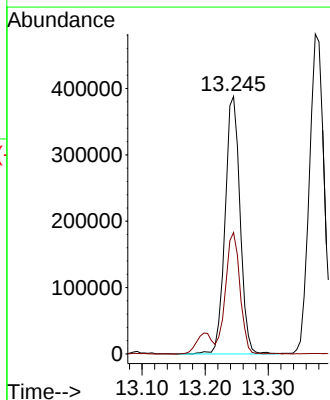
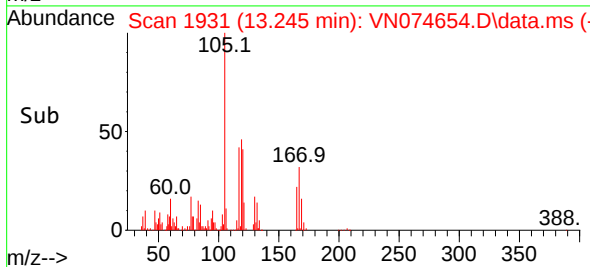
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

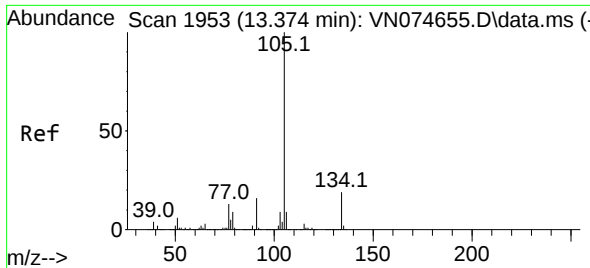


#84
1,2,4-Trimethylbenzene
Concen: 20.113 ug/l
RT: 13.245 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56



Tgt Ion:105 Resp: 636698
Ion Ratio Lower Upper
105 100
120 45.3 23.3 69.8





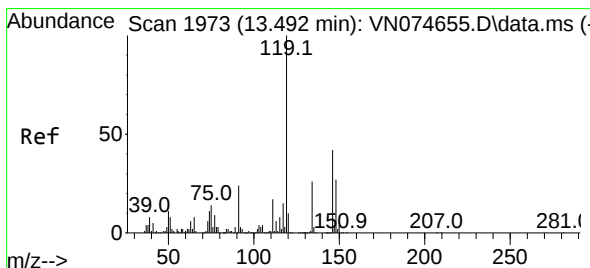
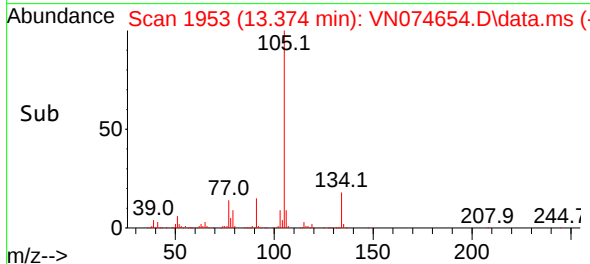
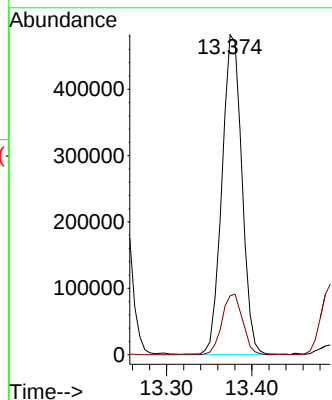
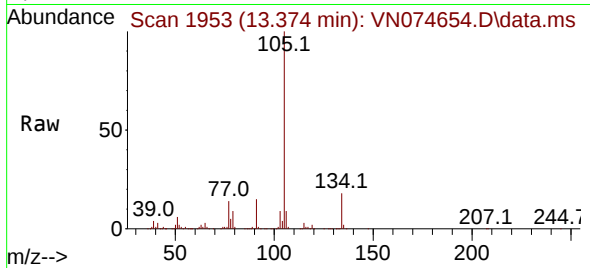
#85
 sec-Butylbenzene
 Concen: 19.647 ug/l
 RT: 13.374 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN074654.D
 Acq: 29 Sep 2022 14:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 78165
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1

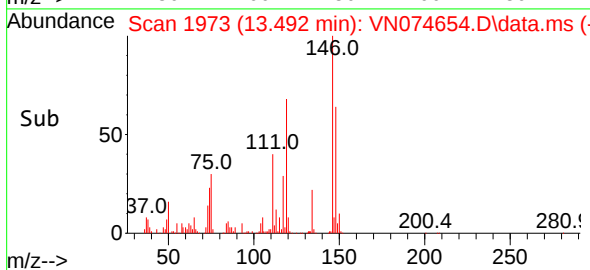
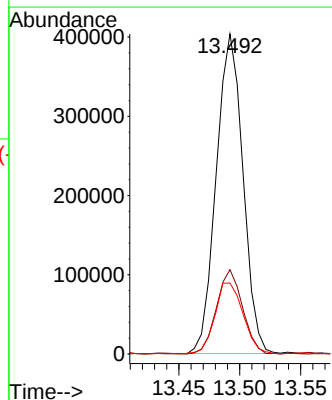
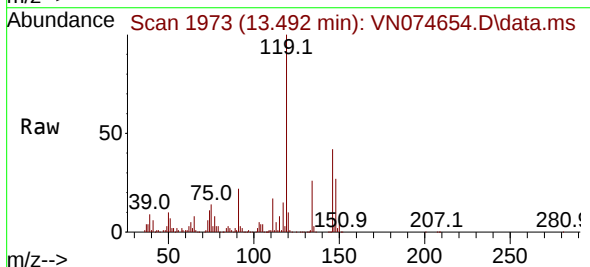
Manual Integrations
 APPROVED

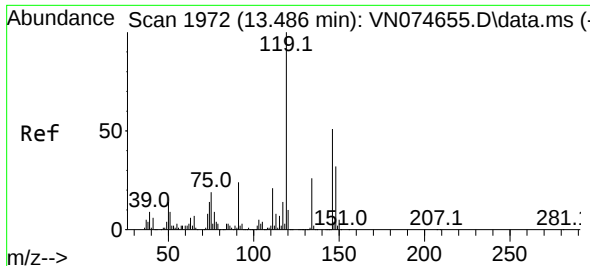
Reviewed By :John Carlone 09/30/2022
 Supervised By :Mahesh Dadoda 10/05/2022



#86
 p-Isopropyltoluene
 Concen: 19.530 ug/l
 RT: 13.492 min Scan# 1973
 Delta R.T. 0.000 min
 Lab File: VN074654.D
 Acq: 29 Sep 2022 14:56

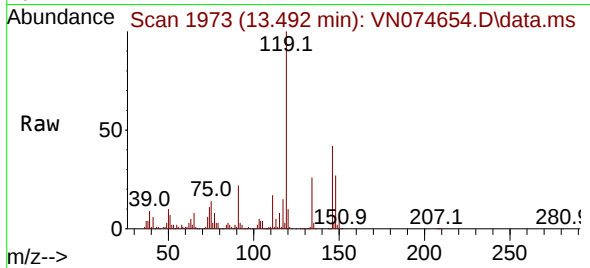
Tgt Ion:119 Resp: 615569
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.3 39.8
 91 23.6 11.3 33.9





#87
 1,3-Dichlorobenzene
 Concen: 19.042 ug/l
 RT: 13.492 min Scan# 1973
 Delta R.T. 0.006 min
 Lab File: VN074654.D
 Acq: 29 Sep 2022 14:56

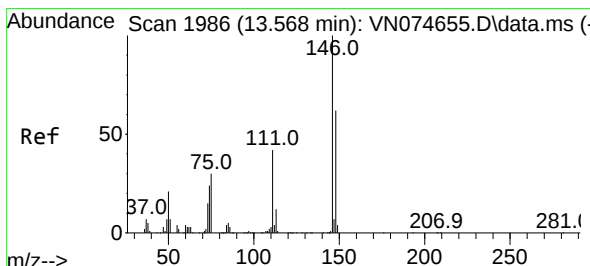
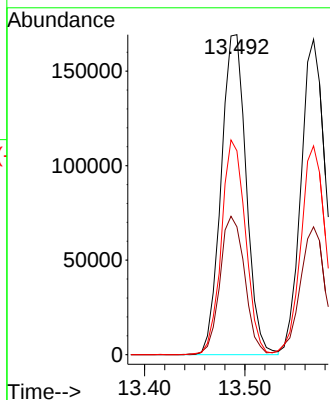
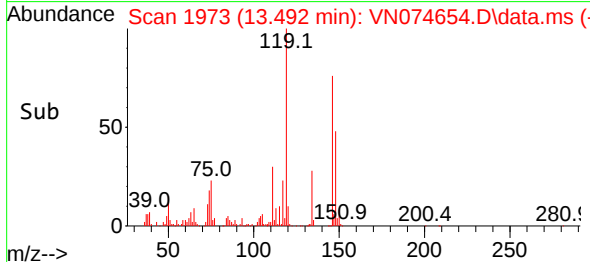
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



Tgt Ion:146 Resp: 294030
 Ion Ratio Lower Upper
 146 100
 111 42.7 20.0 60.0
 148 64.5 32.0 96.0

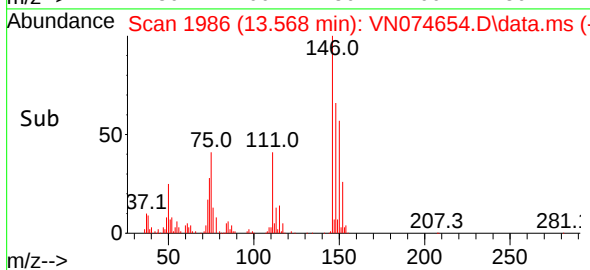
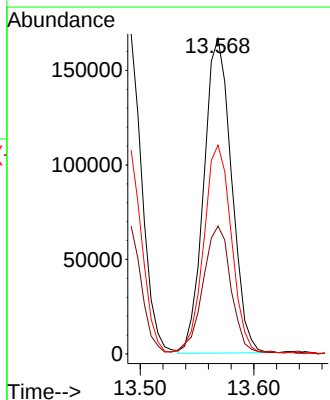
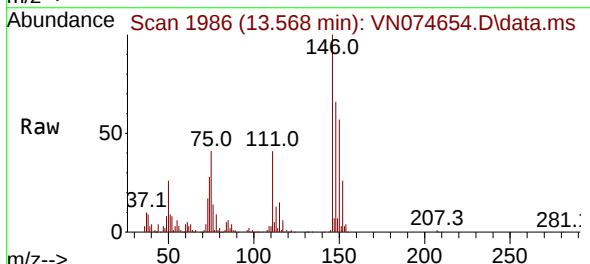
Manual Integrations
 APPROVED

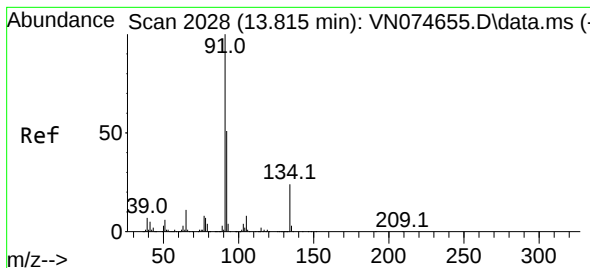
Reviewed By :John Carlone 09/30/2022
 Supervised By :Mahesh Dadoda 10/05/2022



#88
 1,4-Dichlorobenzene
 Concen: 17.912 ug/l
 RT: 13.568 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN074654.D
 Acq: 29 Sep 2022 14:56

Tgt Ion:146 Resp: 282680
 Ion Ratio Lower Upper
 146 100
 111 40.8 19.1 57.1
 148 66.6 31.4 94.3





#89

n-Butylbenzene

Concen: 19.290 ug/l

RT: 13.816 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VN074654.D

Acq: 29 Sep 2022 14:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

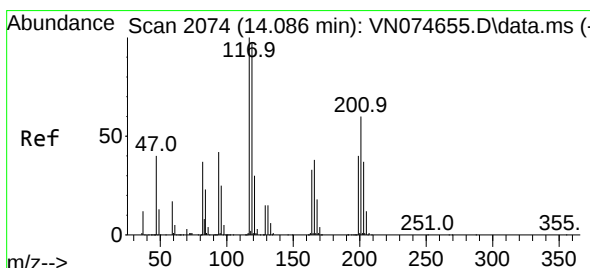
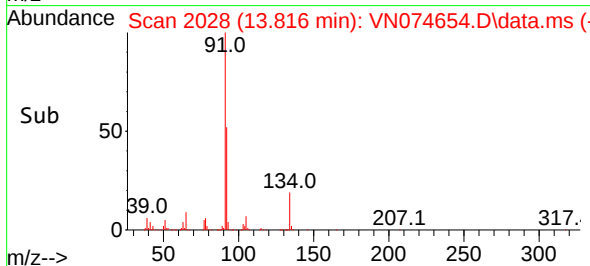
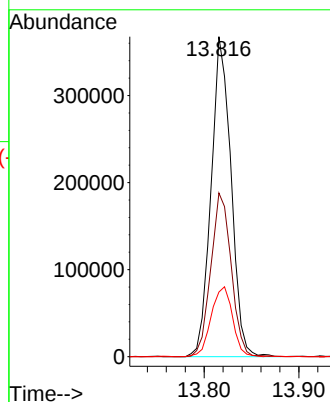
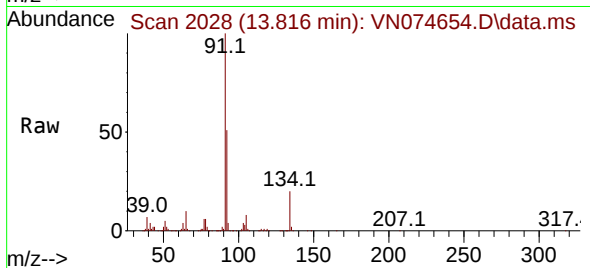
Tgt Ion: 91 Resp: 53640
 Ion Ratio Lower Upper
 91 100
 92 52.5 26.9 80.7
 134 23.5 13.6 40.8

Manual Integrations

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Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/05/2022



#90

Hexachloroethane

Concen: 19.015 ug/l

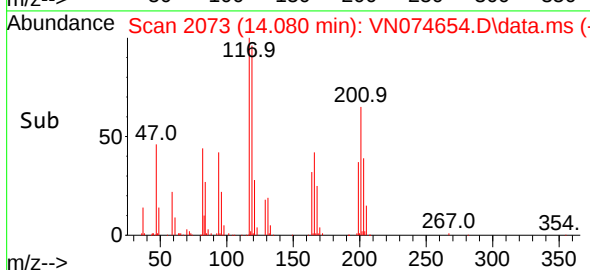
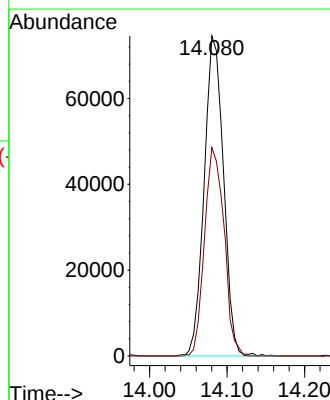
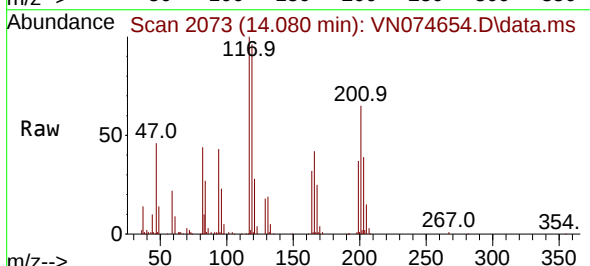
RT: 14.080 min Scan# 2073

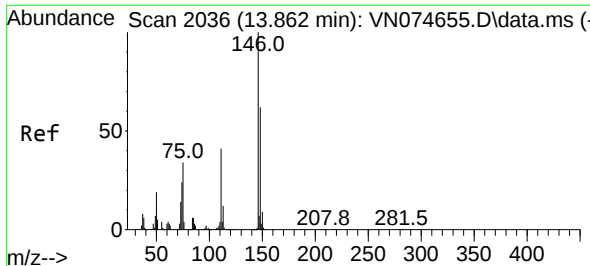
Delta R.T. -0.006 min

Lab File: VN074654.D

Acq: 29 Sep 2022 14:56

Tgt Ion:117 Resp: 128964
 Ion Ratio Lower Upper
 117 100
 201 66.0 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 18.915 ug/l
RT: 13.863 min Scan# 2036
Delta R.T. 0.000 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56

Instrument :

MSVOA_N

ClientSampleId :

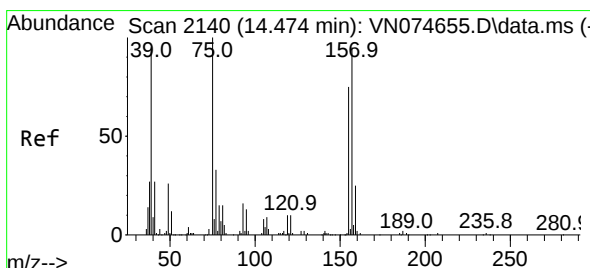
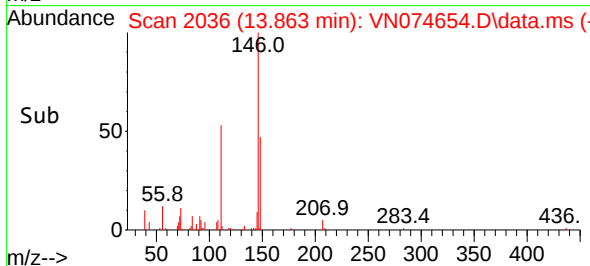
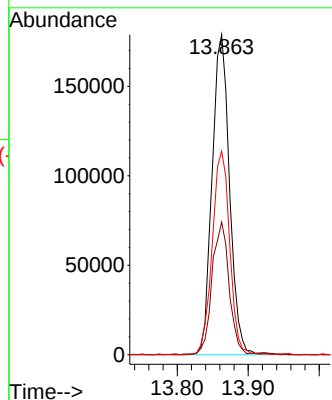
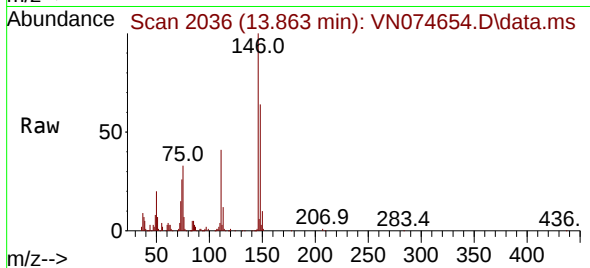
VSTDIC020

Tgt Ion:146 Resp: 304789
Ion Ratio Lower Upper
146 100
111 40.6 20.9 62.8
148 63.7 32.1 96.3

Manual Integrations

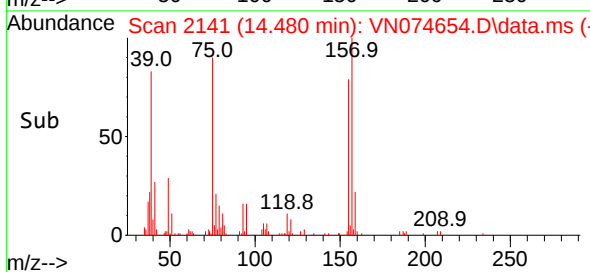
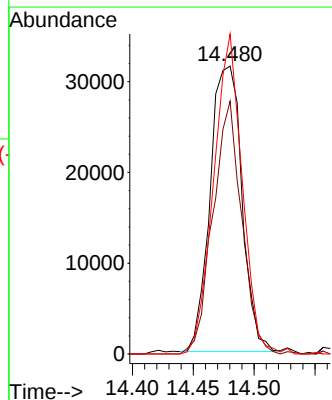
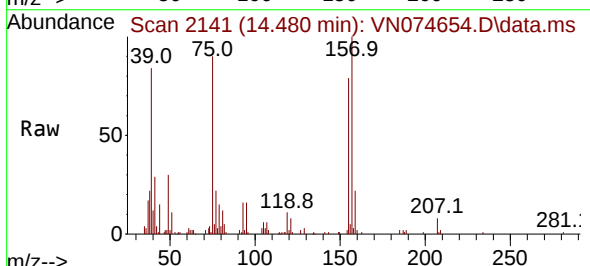
APPROVED

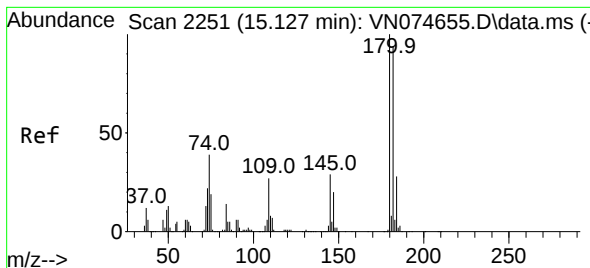
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.737 ug/l
RT: 14.480 min Scan# 2141
Delta R.T. 0.006 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56

Tgt Ion: 75 Resp: 57062
Ion Ratio Lower Upper
75 100
155 80.3 44.9 134.5
157 100.6 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 19.450 ug/l

RT: 15.127 min Scan# 2251

Delta R.T. 0.000 min

Lab File: VN074654.D

Acq: 29 Sep 2022 14:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

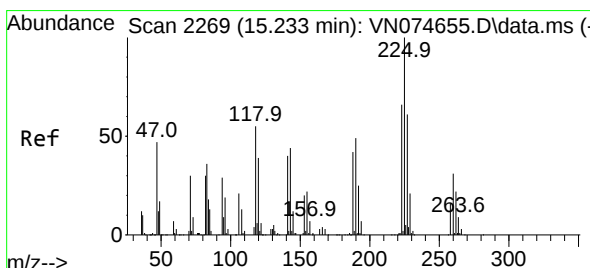
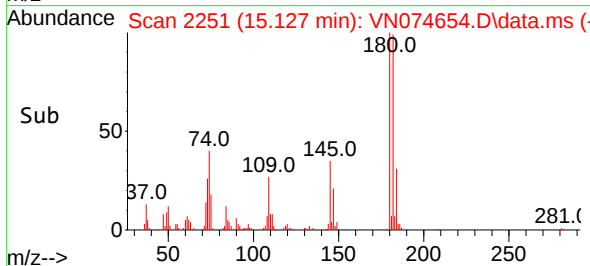
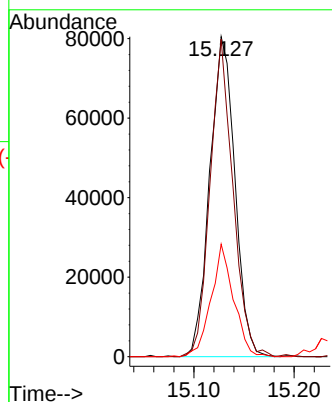
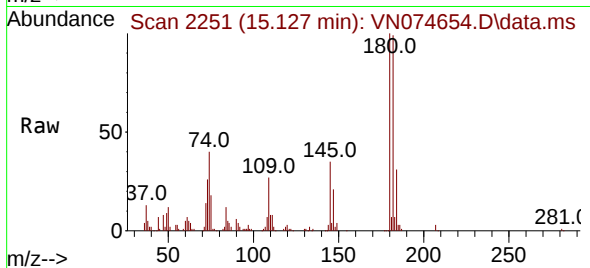
Tgt Ion:	180	Resp:	140019
Ion Ratio	Lower	Upper	
180	100		
182	90.4	47.5	142.5
145	31.6	14.5	43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/05/2022



#94

Hexachlorobutadiene

Concen: 17.890 ug/l

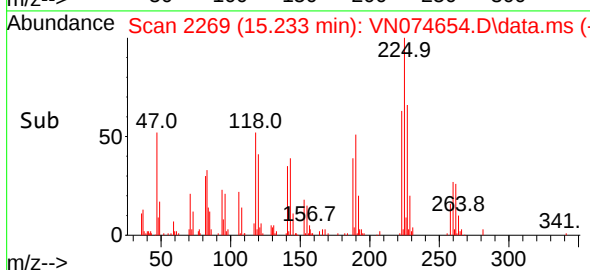
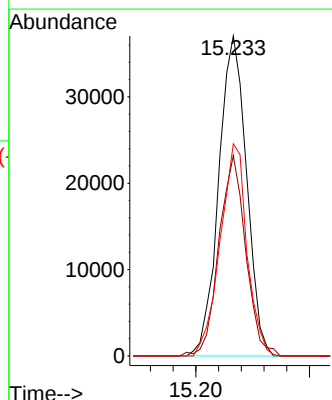
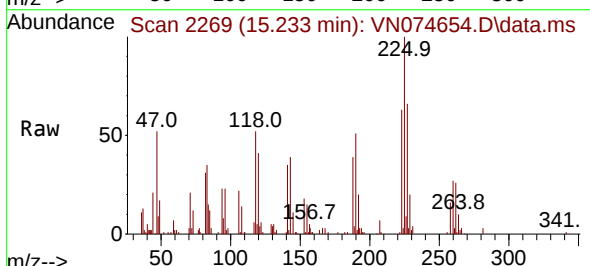
RT: 15.233 min Scan# 2269

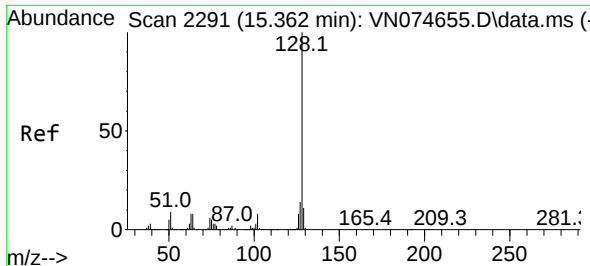
Delta R.T. 0.000 min

Lab File: VN074654.D

Acq: 29 Sep 2022 14:56

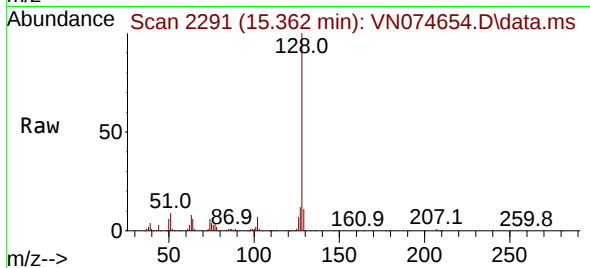
Tgt Ion:	225	Resp:	63035
Ion Ratio	Lower	Upper	
225	100		
223	60.0	32.4	97.2
227	63.8	31.8	95.4





#95
Naphthalene
Concen: 20.485 ug/l
RT: 15.362 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56

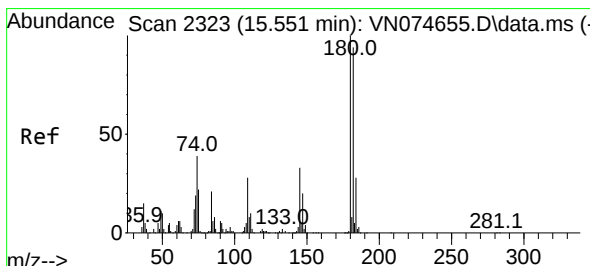
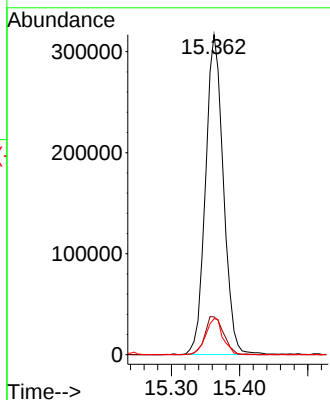
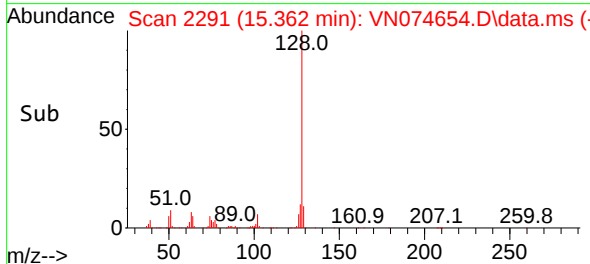
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:128 Resp: 577010
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 10.9 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: 19.386 ug/l
RT: 15.551 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN074654.D
Acq: 29 Sep 2022 14:56

Tgt Ion:180 Resp: 138935
Ion Ratio Lower Upper
180 100
182 92.6 47.8 143.3
145 33.2 15.5 46.5

