

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091522\
 Data File : VN074454.D
 Acq On : 15 Sep 2022 11:00
 Operator : JC\MD
 Sample : VSTDIC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/16/2022
 Supervised By : Mahesh Dadoda 09/16/2022

Quant Time: Sep 15 19:06:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:05:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	423568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	821330	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	720004	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	298133	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	70060	11.800	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	23.600%	#	
35) Dibromofluoromethane	7.945	113	52084	10.171	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	20.340%	#	
50) Toluene-d8	10.380	98	195524	10.269	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	20.540%	#	
62) 4-Bromofluorobenzene	12.674	95	63875	9.314	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	18.620%	#	
						Qvalue
2) Dichlorodifluoromethane	2.046	85	43067	10.815	ug/l	97
3) Chloromethane	2.263	50	80724	16.106	ug/l	99
4) Vinyl Chloride	2.404	62	80497	19.225	ug/l	92
5) Bromomethane	2.781	94	48729	25.367	ug/l	99
6) Chloroethane	2.951	64	55831	20.701	ug/l	89
7) Trichlorofluoromethane	3.304	101	88084	13.947	ug/l	94
8) Diethyl Ether	3.757	74	43905	13.692	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.134	101	55549	13.144	ug/l	87
10) Methyl Iodide	4.351	142	64151	12.851	ug/l	92
11) Tert butyl alcohol	5.275	59	123476	78.413	ug/l #	86
12) 1,1-Dichloroethene	4.110	96	51525	12.253	ug/l	99
13) Acrolein	3.981	56	40266	63.952	ug/l	95
14) Allyl chloride	4.763	41	134442	14.600	ug/l #	91
15) Acrylonitrile	5.469	53	249602	68.654	ug/l	99
16) Acetone	4.216	43	215644	65.377	ug/l	97
17) Carbon Disulfide	4.451	76	137879	12.633	ug/l	96
18) Methyl Acetate	4.769	43	144860	15.887	ug/l #	89
19) Methyl tert-butyl Ether	5.528	73	225343	13.966	ug/l	100
20) Methylene Chloride	5.010	84	71792	12.932	ug/l #	81
21) trans-1,2-Dichloroethene	5.516	96	58223	12.609	ug/l	91
22) Diisopropyl ether	6.410	45	255587	14.645	ug/l #	94
23) Vinyl Acetate	6.345	43	1127709	70.332	ug/l	94
24) 1,1-Dichloroethane	6.304	63	127700	14.162	ug/l	98
25) 2-Butanone	7.257	43	371345	69.755	ug/l	90
26) 2,2-Dichloropropane	7.245	77	111151	13.815	ug/l	97
27) cis-1,2-Dichloroethene	7.245	96	73001	13.131	ug/l	85
28) Bromochloromethane	7.580	49	33675	9.669	ug/l #	70
29) Tetrahydrofuran	7.610	42	240569	68.170	ug/l	88
30) Chloroform	7.739	83	124233	13.787	ug/l	84
31) Cyclohexane	8.022	56	128425	15.106	ug/l	84
32) 1,1,1-Trichloroethane	7.939	97	102292	13.058	ug/l	95
36) 1,1-Dichloropropene	8.151	75	89048	12.439	ug/l	99
37) Ethyl Acetate	7.333	43	137950	11.967	ug/l	96
38) Carbon Tetrachloride	8.133	117	85333	11.563	ug/l	97
39) Methylcyclohexane	9.392	83	109702	12.638	ug/l	94
40) Benzene	8.392	78	294662	13.055	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	74303	13.628	ug/l #	84
42) 1,2-Dichloroethane	8.463	62	94391	11.866	ug/l	100
43) Isopropyl Acetate	8.492	43	218571	13.161	ug/l #	93
44) Trichloroethene	9.151	130	57857	10.492	ug/l	84
45) 1,2-Dichloropropane	9.427	63	79064	13.529	ug/l	99
46) Dibromomethane	9.516	93	48583	12.528	ug/l #	83
47) Bromodichloromethane	9.698	83	99068	12.854	ug/l	94
48) Methyl methacrylate	9.498	41	94824	12.618	ug/l	89
49) 1,4-Dioxane	9.510	88	38628	234.364	ug/l #	88
51) 4-Methyl-2-Pentanone	10.269	43	729156	66.779	ug/l	92
52) Toluene	10.445	92	169441	12.280	ug/l	97
53) t-1,3-Dichloropropene	10.657	75	107746	12.822	ug/l	95
54) cis-1,3-Dichloropropene	10.127	75	119419	13.032	ug/l	91
55) 1,1,2-Trichloroethane	10.839	97	69952	11.639	ug/l	90
56) Ethyl methacrylate	10.704	69	126066	12.890	ug/l #	85
57) 1,3-Dichloropropane	10.986	76	121719	12.092	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	274735	63.712	ug/l	91
59) 2-Hexanone	11.027	43	558122	66.251	ug/l	92
60) Dibromochloromethane	11.174	129	66045	11.738	ug/l	100
61) 1,2-Dibromoethane	11.286	107	69924	11.853	ug/l	96
64) Tetrachloroethene	10.916	164	46167	10.510	ug/l	95
65) Chlorobenzene	11.710	112	173115	11.993	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	63202	11.600	ug/l	98
67) Ethyl Benzene	11.786	91	322037	12.539	ug/l	98
68) m/p-Xylenes	11.892	106	233433	23.281	ug/l	94
69) o-Xylene	12.215	106	115891	11.536	ug/l	89
70) Styrene	12.233	104	191856	11.855	ug/l	98
71) Bromoform	12.398	173	46743	11.442	ug/l #	99
73) Isopropylbenzene	12.521	105	301491	12.667	ug/l	97
74) N-amyl acetate	12.327	43	182539	14.363	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.768	83	116557	13.408	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	90005m	12.030	ug/l	
77) Bromobenzene	12.798	156	62566	11.264	ug/l	72
78) n-propylbenzene	12.863	91	349466	13.141	ug/l	96
79) 2-Chlorotoluene	12.951	91	207819	12.245	ug/l	97
80) 1,3,5-Trimethylbenzene	13.004	105	240480	12.316	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.568	75	42533	14.722	ug/l	96
82) 4-Chlorotoluene	13.045	91	192347	11.991	ug/l	99
83) tert-Butylbenzene	13.262	119	223593	12.561	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	237945	12.221	ug/l	100
85) sec-Butylbenzene	13.445	105	302537	12.590	ug/l	96
86) p-Isopropyltoluene	13.557	119	235616	12.198	ug/l	98
87) 1,3-Dichlorobenzene	13.557	146	112187	11.158	ug/l	98
88) 1,4-Dichlorobenzene	13.639	146	112368	11.111	ug/l	94
89) n-Butylbenzene	13.880	91	193792	12.053	ug/l	97
90) Hexachloroethane	14.151	117	51350	13.831	ug/l	77
91) 1,2-Dichlorobenzene	13.933	146	116877	11.214	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.545	75	24701	10.808	ug/l	82
93) 1,2,4-Trichlorobenzene	15.198	180	50834	9.026	ug/l	92
94) Hexachlorobutadiene	15.304	225	23361	9.576	ug/l	96
95) Naphthalene	15.439	128	220718	9.531	ug/l	98
96) 1,2,3-Trichlorobenzene	15.627	180	53875	8.927	ug/l	94

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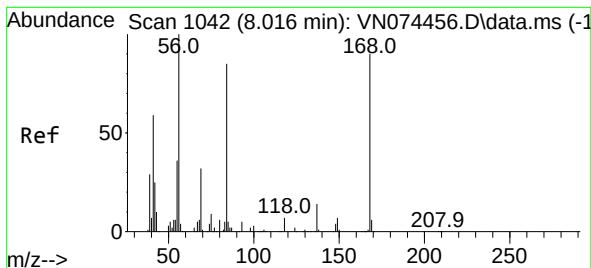
Manual Integrations
APPROVED

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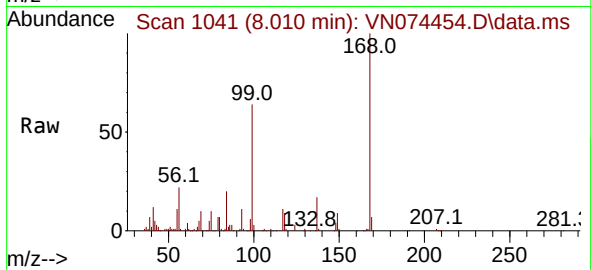
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00

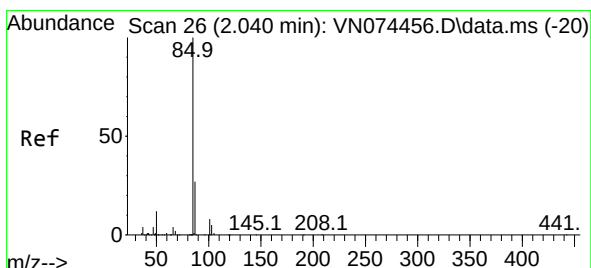
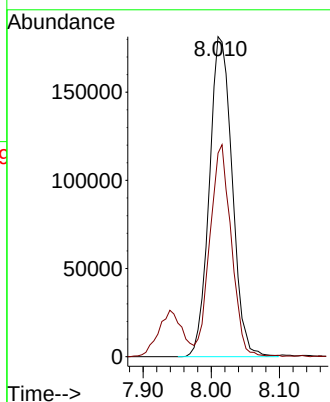
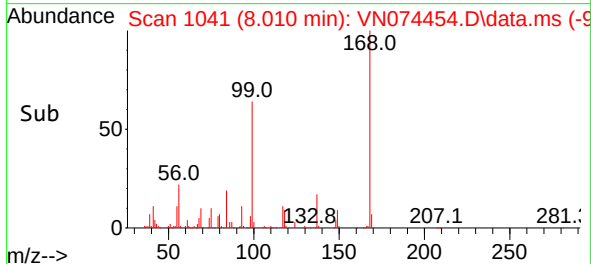
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:168 Resp: 42356
Ion Ratio Lower Upper
168 100
99 63.2 42.3 63.5

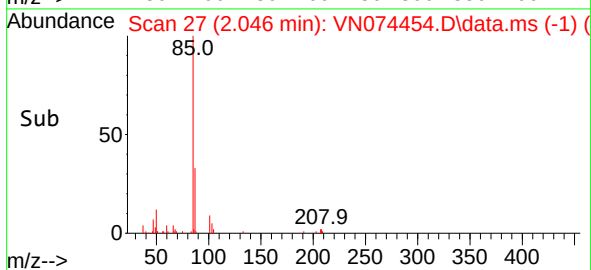
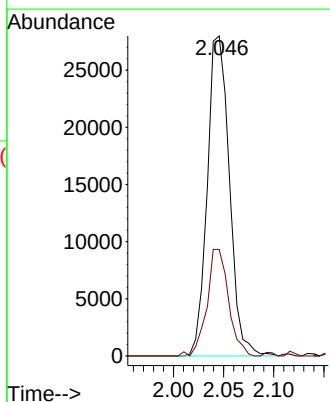
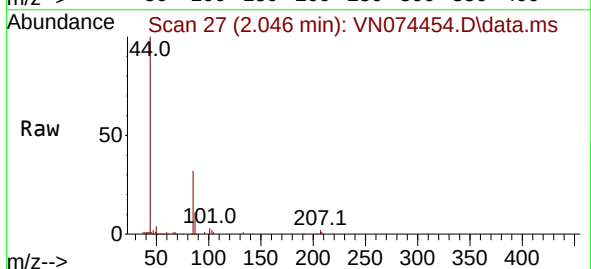
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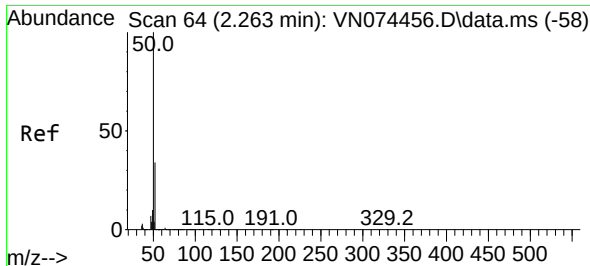
Reviewed By :John Carlone 09/16/2022
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#2
Dichlorodifluoromethane
Concen: 10.815 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.006 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00

Tgt Ion: 85 Resp: 43067
Ion Ratio Lower Upper
85 100
87 33.3 15.7 47.1





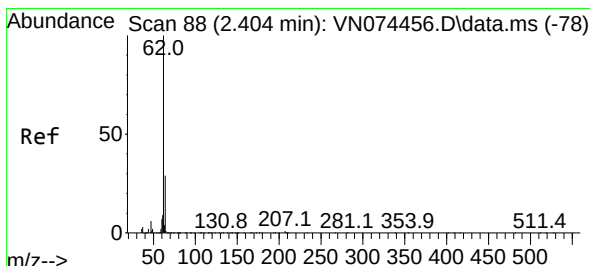
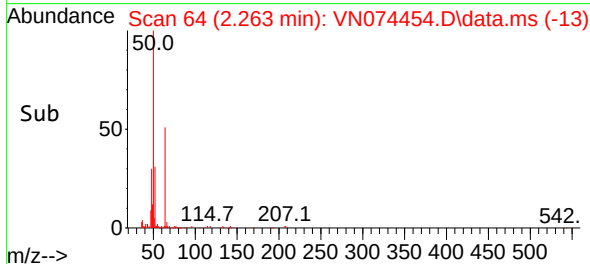
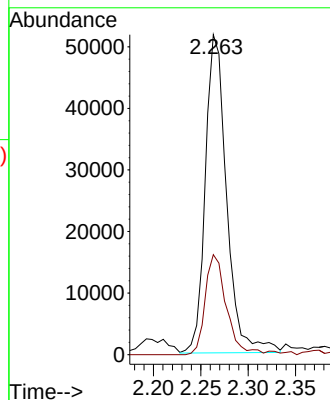
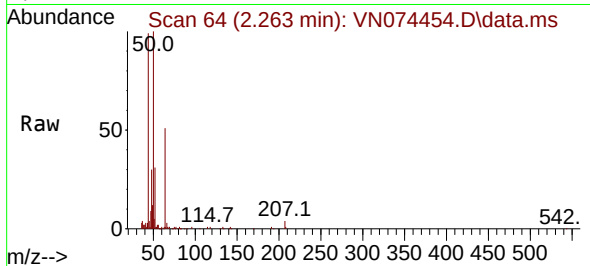
#3
Chloromethane
Concen: 16.106 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00

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Tgt Ion: 50 Resp: 80724
Ion Ratio Lower Upper
50 100
52 31.5 25.7 38.5

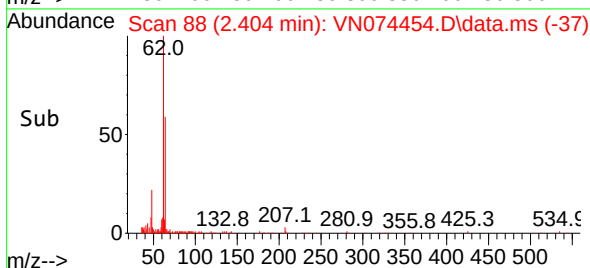
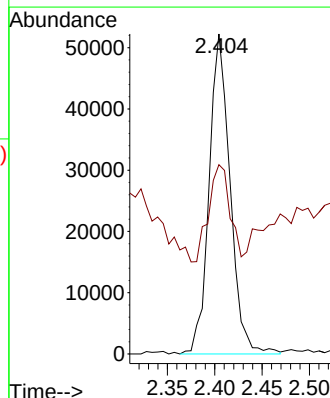
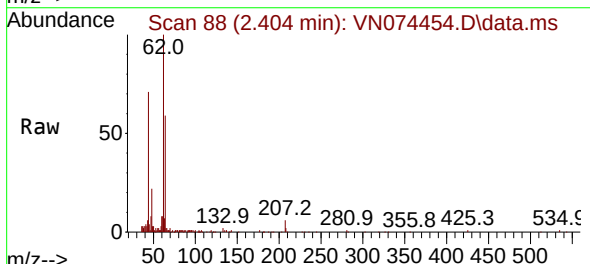
Manual Integrations
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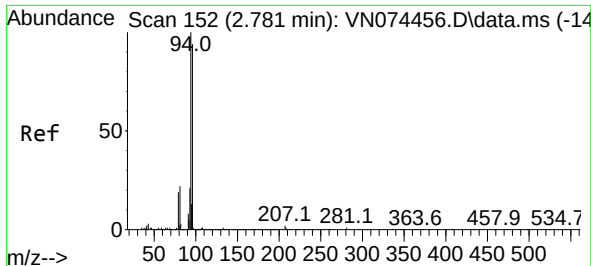
Reviewed By :John Carlone 09/16/2022
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#4
Vinyl Chloride
Concen: 19.225 ug/l
RT: 2.404 min Scan# 88
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00

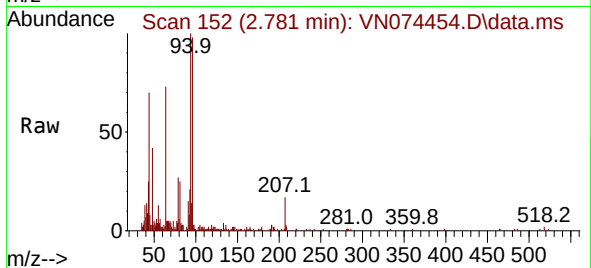
Tgt Ion: 62 Resp: 80497
Ion Ratio Lower Upper
62 100
64 26.6 25.0 37.4





#5
Bromomethane
Concen: 25.367 ug/l
RT: 2.781 min Scan# 152
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00

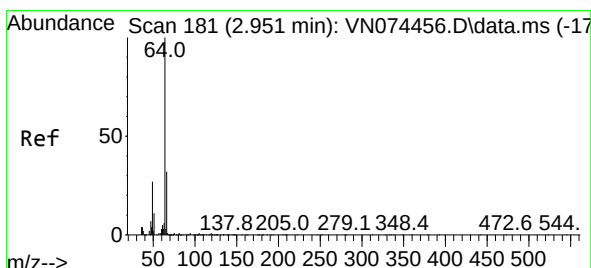
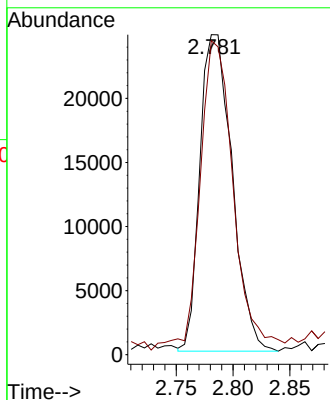
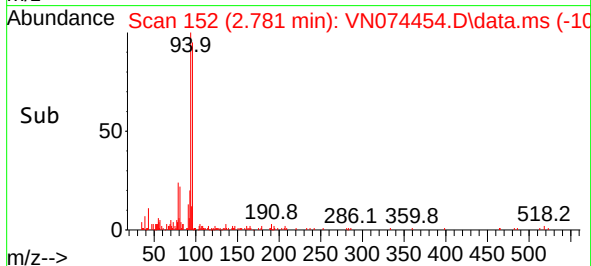
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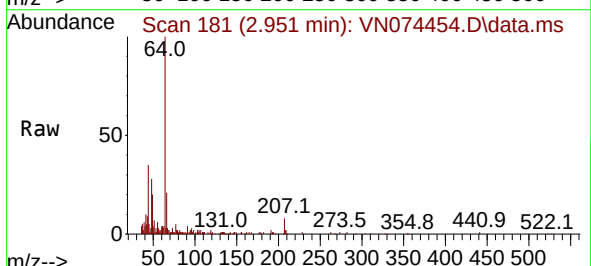
Tgt Ion: 94 Resp: 48729
Ion Ratio Lower Upper
94 100
96 94.4 76.0 114.0

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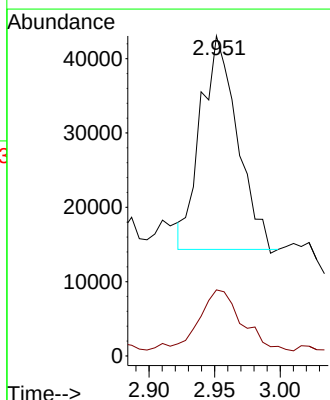
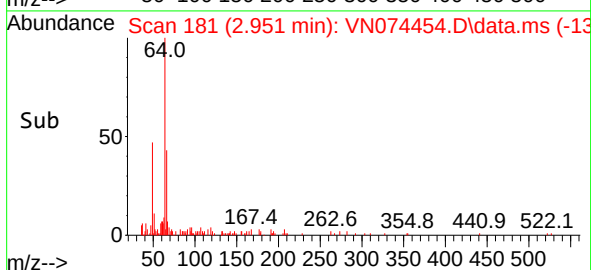
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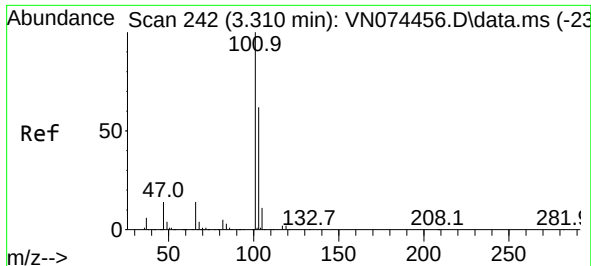


#6
Chloroethane
Concen: 20.701 ug/l
RT: 2.951 min Scan# 181
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00



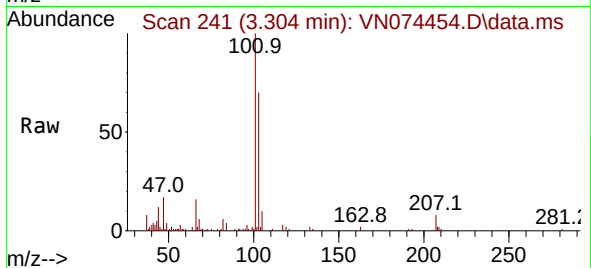
Tgt Ion: 64 Resp: 55831
Ion Ratio Lower Upper
64 100
66 26.4 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 13.947 ug/l
 RT: 3.304 min Scan# 241
 Delta R.T. -0.006 min
 Lab File: VN074454.D
 Acq: 15 Sep 2022 11:00

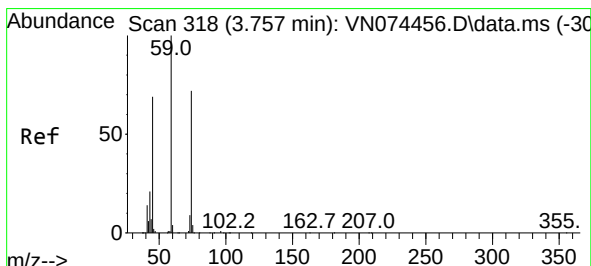
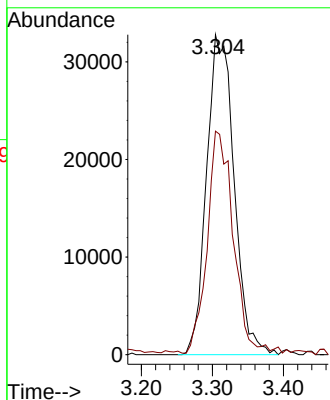
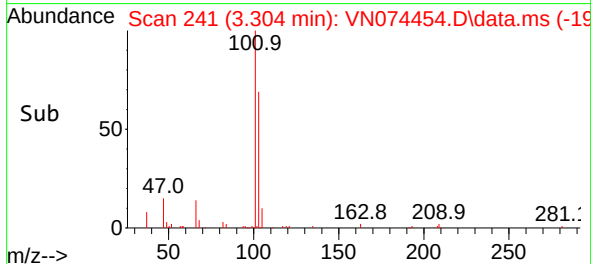
Instrument :
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Tgt Ion:101 Resp: 88084
 Ion Ratio Lower Upper
 101 100
 103 68.8 51.5 77.3

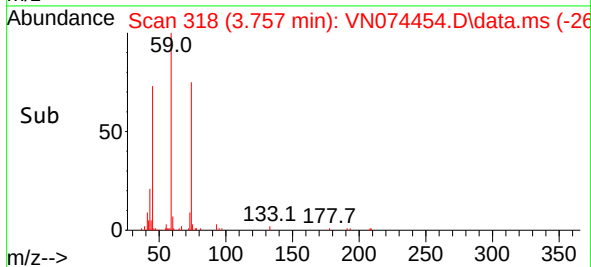
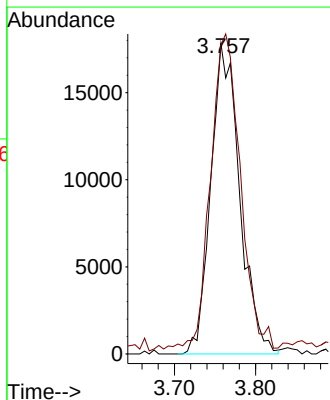
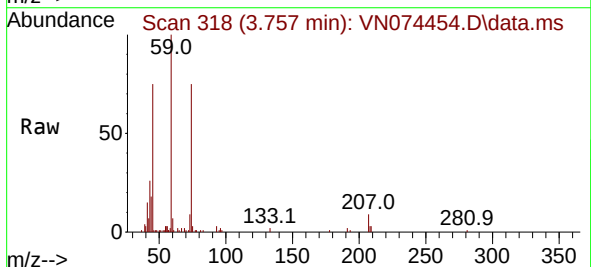
Manual Integrations
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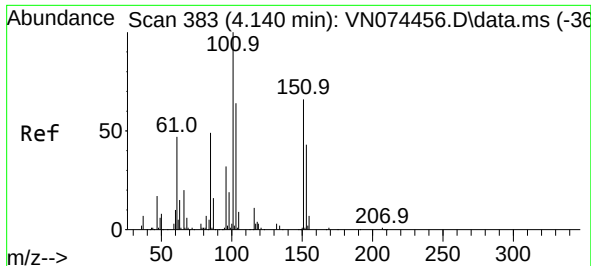
Reviewed By :John Carlone 09/16/2022
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#8
 Diethyl Ether
 Concen: 13.692 ug/l
 RT: 3.757 min Scan# 318
 Delta R.T. -0.000 min
 Lab File: VN074454.D
 Acq: 15 Sep 2022 11:00

Tgt Ion: 74 Resp: 43905
 Ion Ratio Lower Upper
 74 100
 45 104.9 42.9 128.5





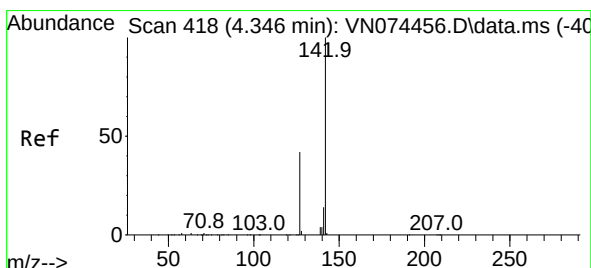
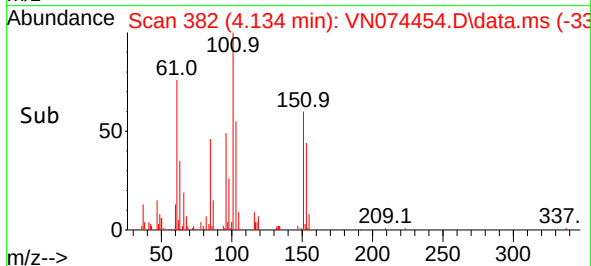
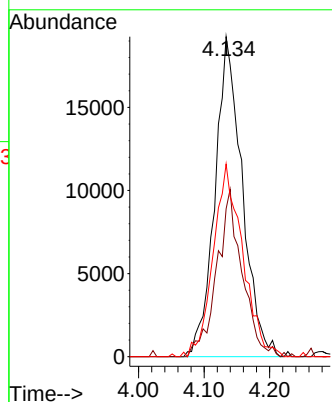
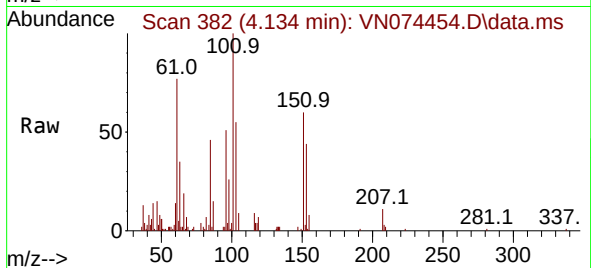
#9
1,1,2-Trichlorotrifluoroethane
Concen: 13.144 ug/l
RT: 4.134 min Scan# 383
Delta R.T. -0.006 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 55549
Ion Ratio Lower Upper
101 100
85 48.6 34.7 52.1
151 64.8 63.0 94.4

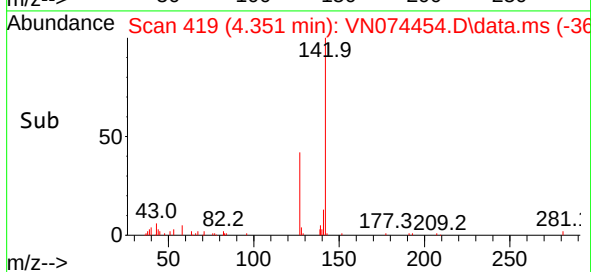
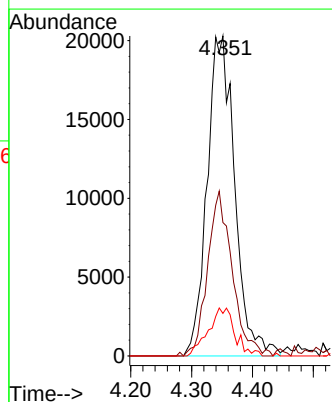
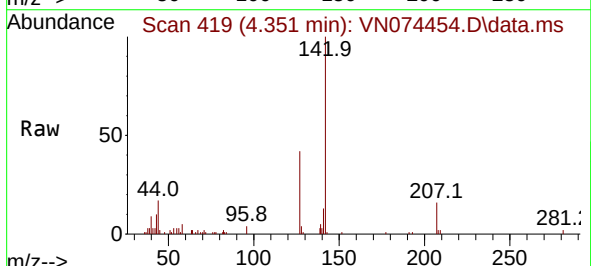
Manual Integrations
APPROVED

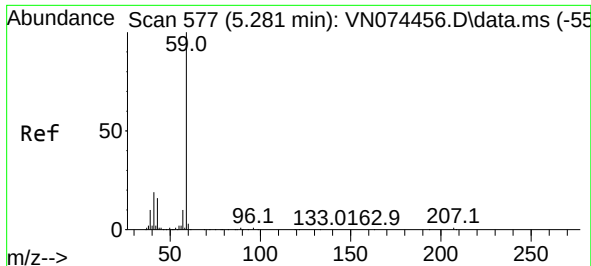
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#10
Methyl Iodide
Concen: 12.851 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00

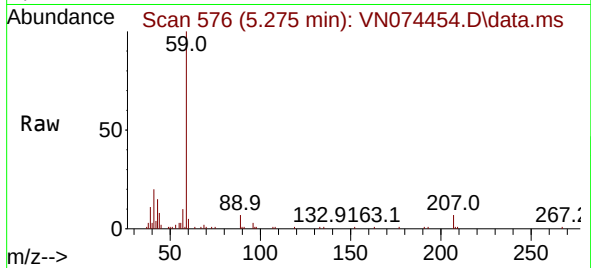
Tgt Ion:142 Resp: 64151
Ion Ratio Lower Upper
142 100
127 45.9 31.3 46.9
141 14.4 11.2 16.8





#11
Tert butyl alcohol
Concen: 78.413 ug/l
RT: 5.275 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00

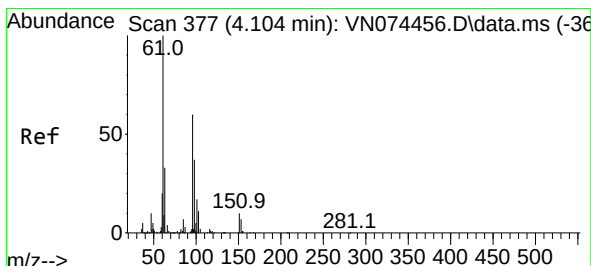
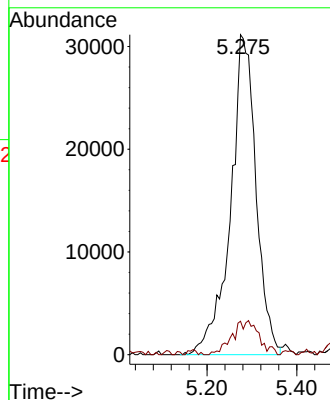
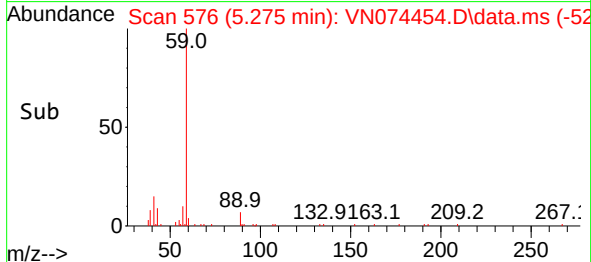
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



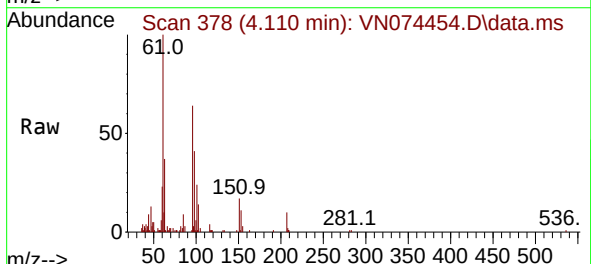
Tgt Ion: 59 Resp: 123470
Ion Ratio Lower Upper
59 100
57 5.2 8.3 12.5

Manual Integrations
APPROVED

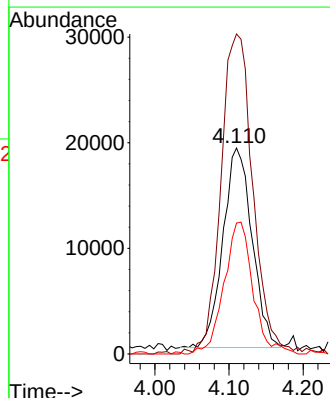
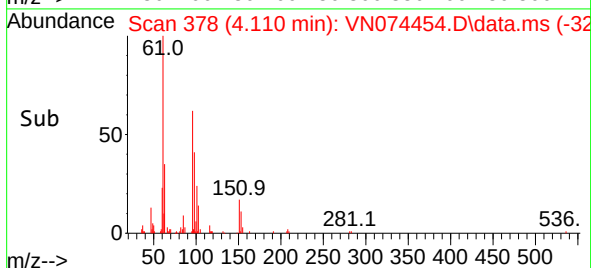
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

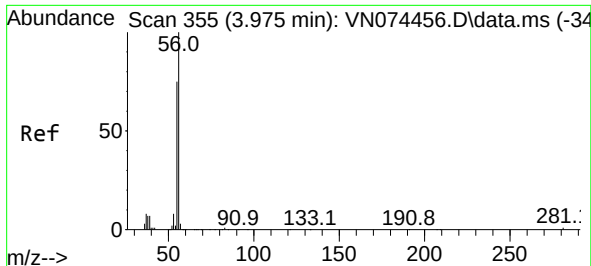


#12
1,1-Dichloroethene
Concen: 12.253 ug/l
RT: 4.110 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00



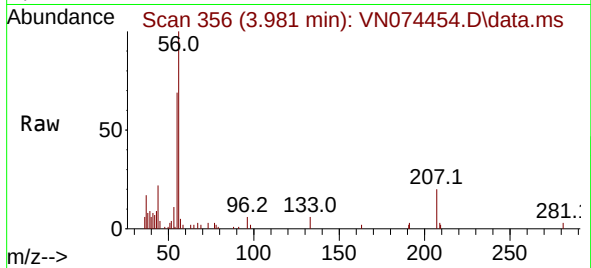
Tgt Ion: 96 Resp: 51525
Ion Ratio Lower Upper
96 100
61 160.4 127.6 191.4
98 64.8 51.2 76.8





#13
Acrolein
Concen: 63.952 ug/l
RT: 3.981 min Scan# 356
Delta R.T. 0.006 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00

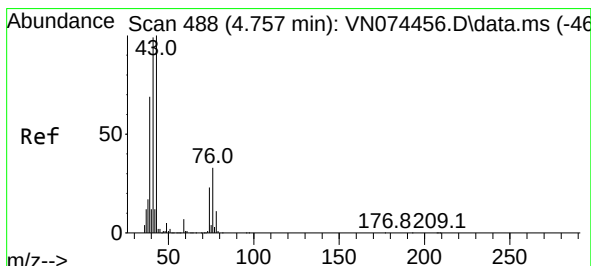
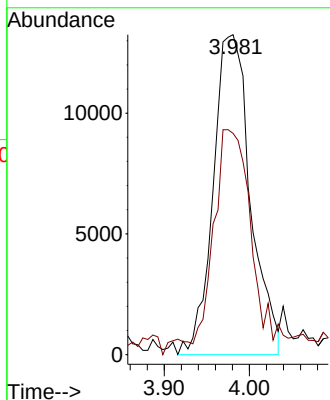
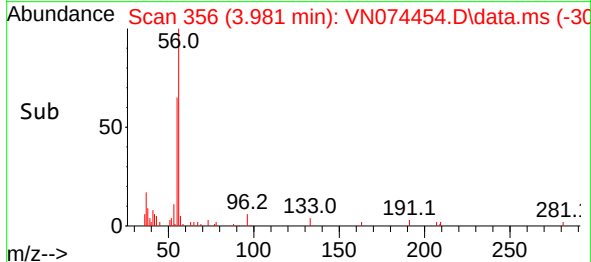
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 56 Resp: 40260
Ion Ratio Lower Upper
56 100
55 64.3 54.8 82.2

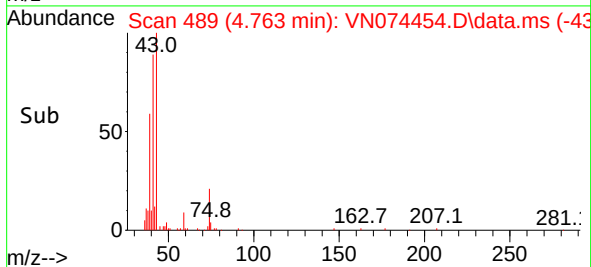
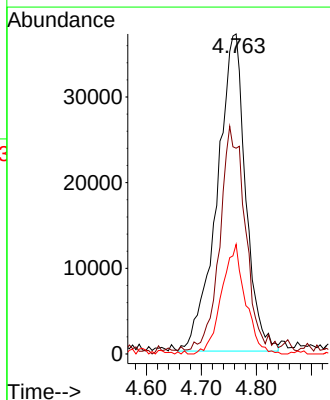
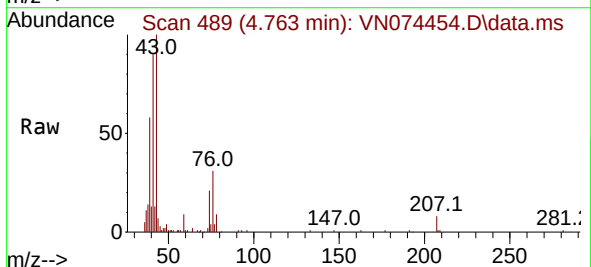
Manual Integrations
APPROVED

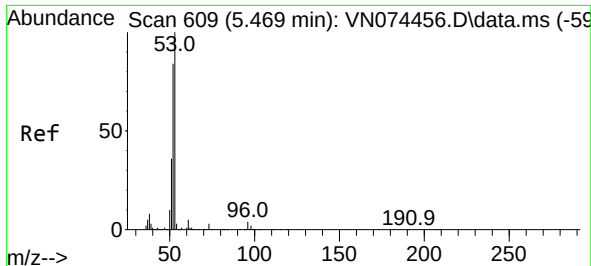
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#14
Allyl chloride
Concen: 14.600 ug/l
RT: 4.763 min Scan# 489
Delta R.T. 0.006 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00

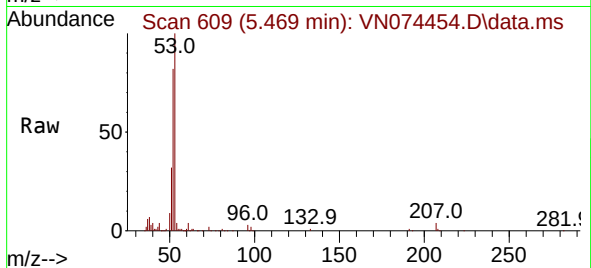
Tgt Ion: 41 Resp: 134442
Ion Ratio Lower Upper
41 100
39 61.5 53.2 79.8
76 28.6 29.9 44.9





#15
Acrylonitrile
Concen: 68.654 ug/l
RT: 5.469 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00

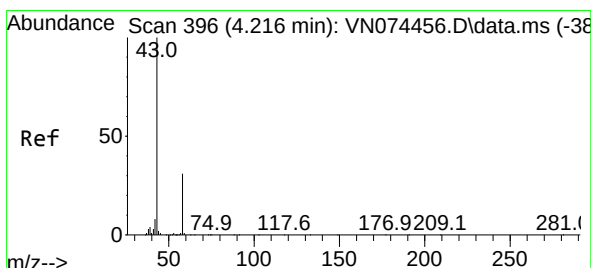
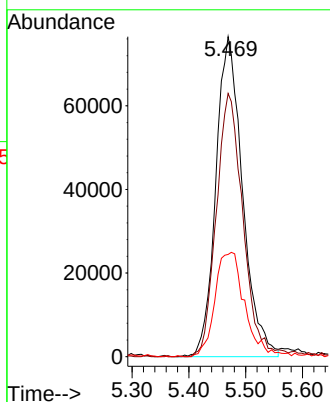
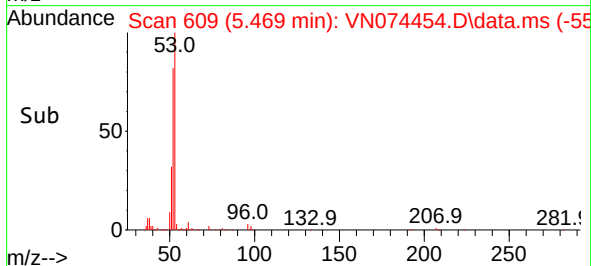
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



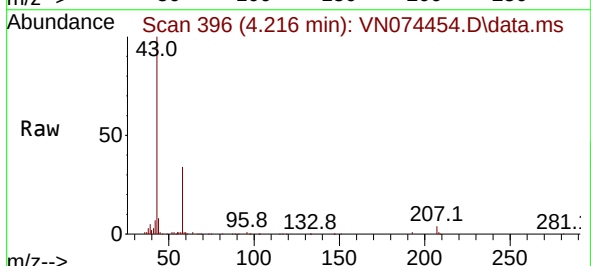
Tgt Ion: 53 Resp: 249602
Ion Ratio Lower Upper
53 100
52 82.1 66.4 99.6
51 36.4 28.5 42.7

Manual Integrations
APPROVED

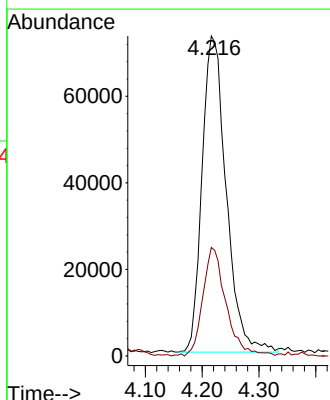
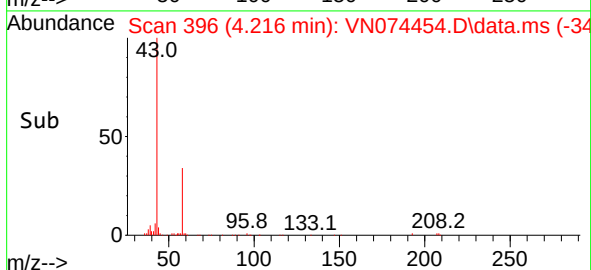
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

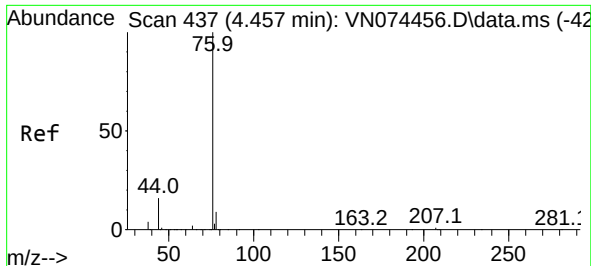


#16
Acetone
Concen: 65.377 ug/l
RT: 4.216 min Scan# 396
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00



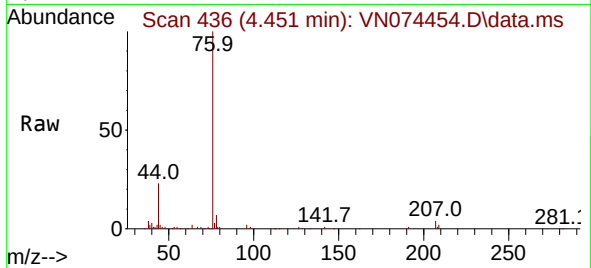
Tgt Ion: 43 Resp: 215644
Ion Ratio Lower Upper
43 100
58 34.1 26.0 39.0





#17
Carbon Disulfide
Concen: 12.633 ug/l
RT: 4.451 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00

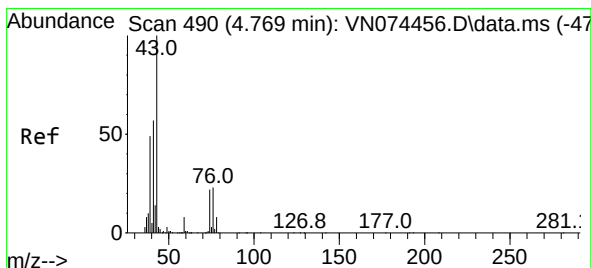
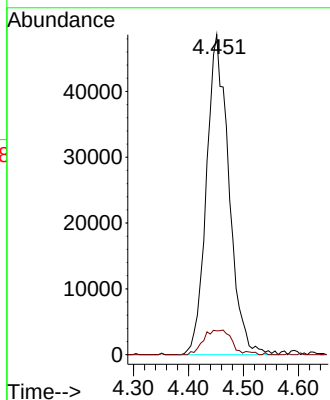
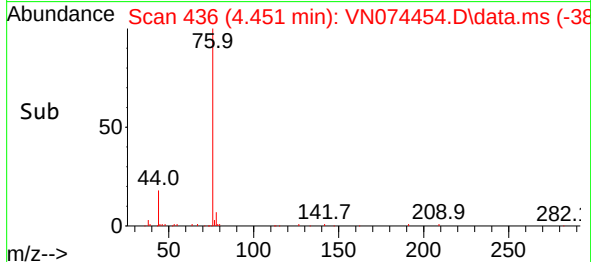
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 76 Resp: 137879
Ion Ratio Lower Upper
76 100
78 7.5 7.2 10.8

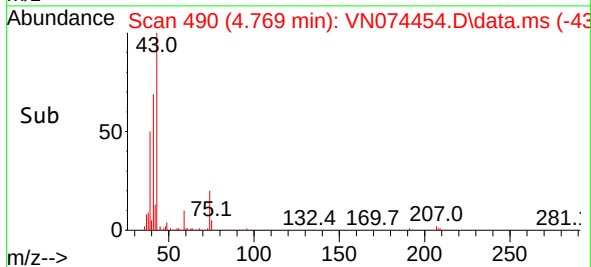
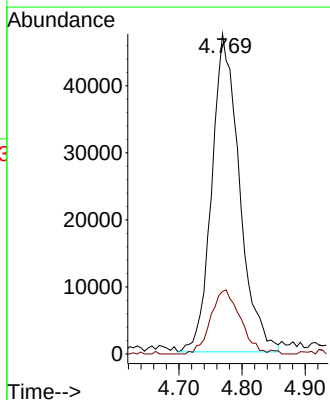
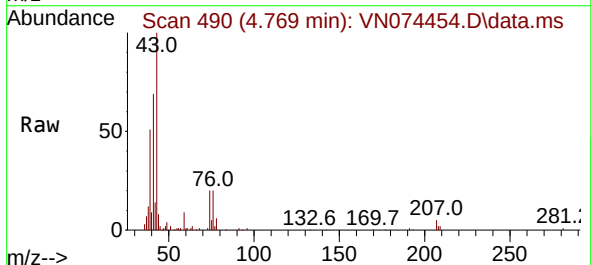
Manual Integrations
APPROVED

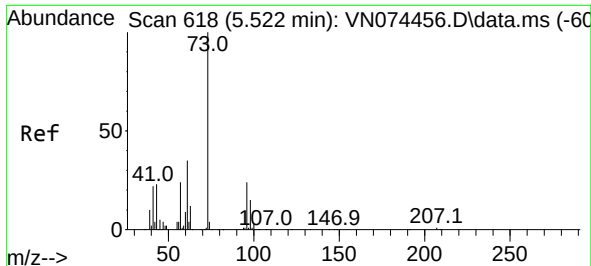
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#18
Methyl Acetate
Concen: 15.887 ug/l
RT: 4.769 min Scan# 490
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00

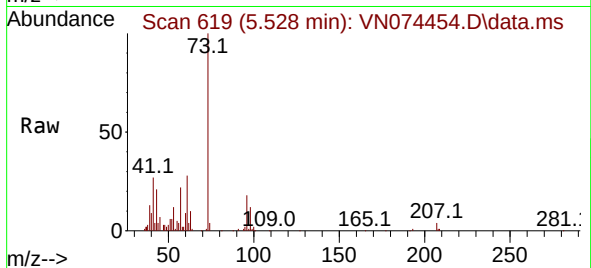
Tgt Ion: 43 Resp: 144860
Ion Ratio Lower Upper
43 100
74 21.4 21.6 32.4#





#19
Methyl tert-butyl Ether
Concen: 13.966 ug/l
RT: 5.528 min Scan# 618
Delta R.T. 0.006 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00

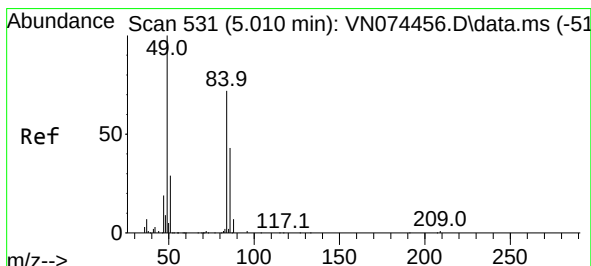
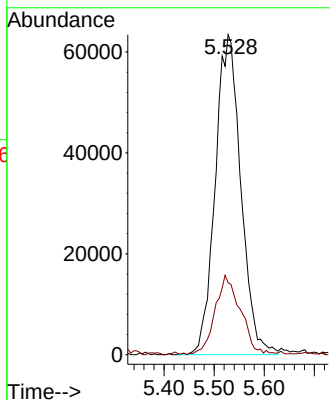
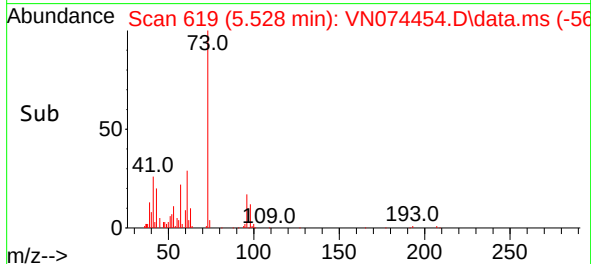
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 73 Resp: 22534
Ion Ratio Lower Upper
73 100
57 22.2 17.6 26.4

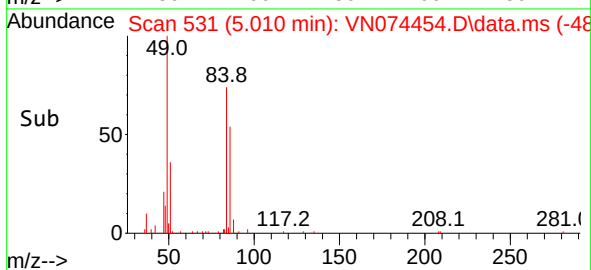
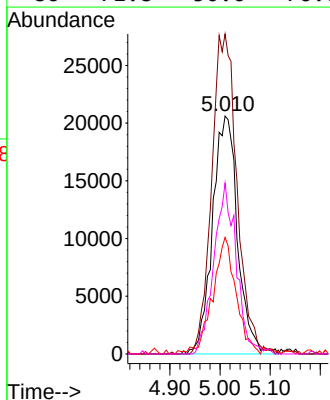
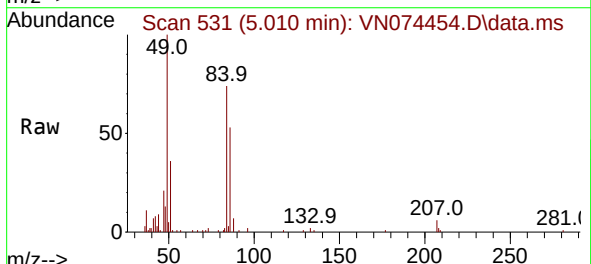
Manual Integrations
APPROVED

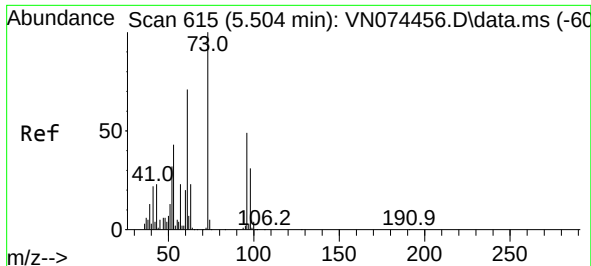
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#20
Methylene Chloride
Concen: 12.932 ug/l
RT: 5.010 min Scan# 531
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00

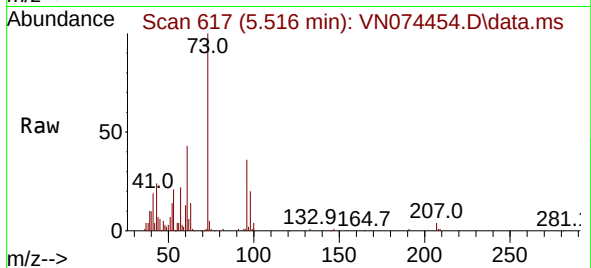
Tgt Ion: 84 Resp: 71792
Ion Ratio Lower Upper
84 100
49 134.5 88.3 132.5#
51 48.1 28.2 42.2#
86 71.8 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 12.609 ug/l
RT: 5.516 min Scan# 615
Delta R.T. 0.012 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00

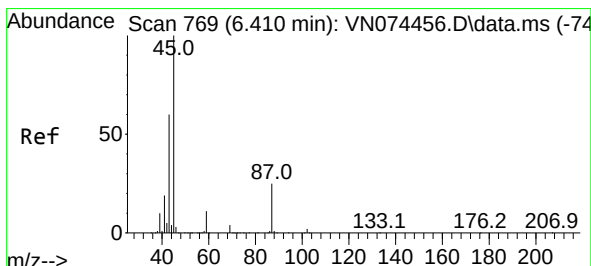
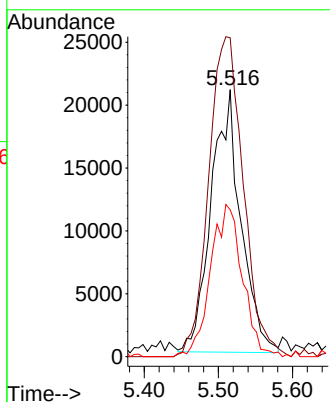
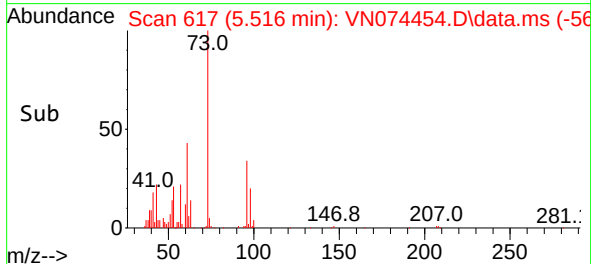
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 96 Resp: 5822
Ion Ratio Lower Upper
96 100
61 121.5 105.8 158.8
98 55.2 50.3 75.5

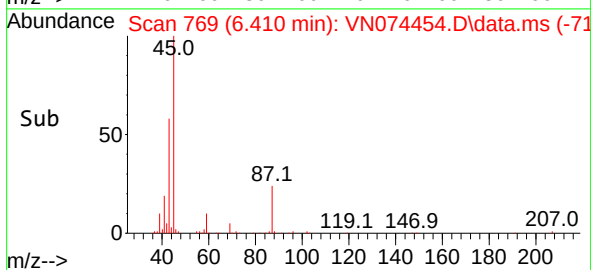
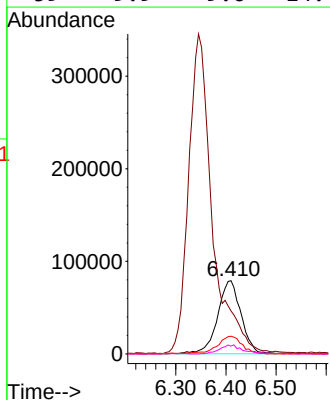
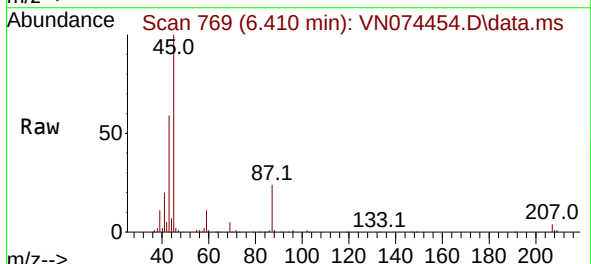
Manual Integrations
APPROVED

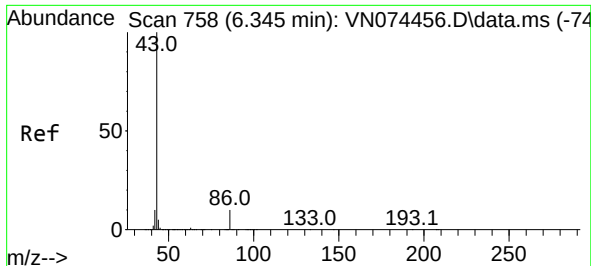
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#22
Diisopropyl ether
Concen: 14.645 ug/l
RT: 6.410 min Scan# 769
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00

Tgt Ion: 45 Resp: 255587
Ion Ratio Lower Upper
45 100
43 55.8 46.6 70.0
87 24.1 24.3 36.5#
59 9.9 9.6 14.4





#23
 Vinyl Acetate
 Concen: 70.332 ug/l
 RT: 6.345 min Scan# 758
 Delta R.T. -0.000 min
 Lab File: VN074454.D
 Acq: 15 Sep 2022 11:00

Instrument :

MSVOA_N

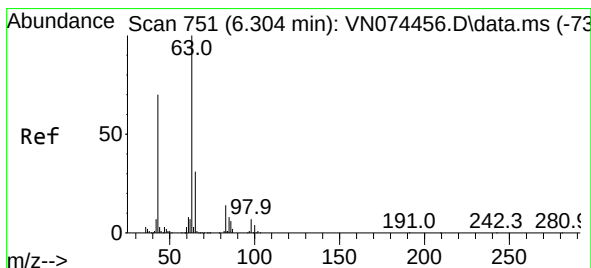
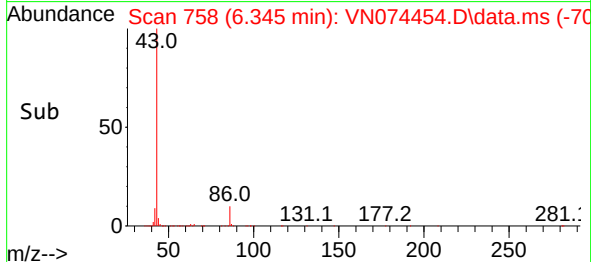
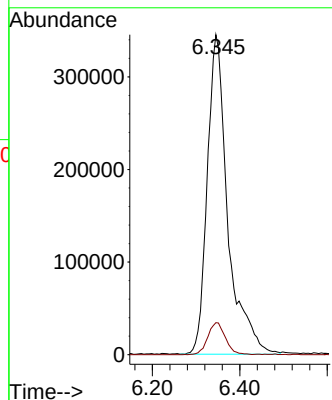
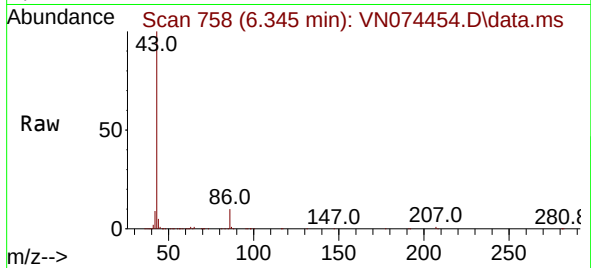
ClientSampleId :

VSTDIC010

Tgt Ion: 43 Resp: 1127709
 Ion Ratio Lower Upper
 43 100
 86 10.0 10.0 15.0

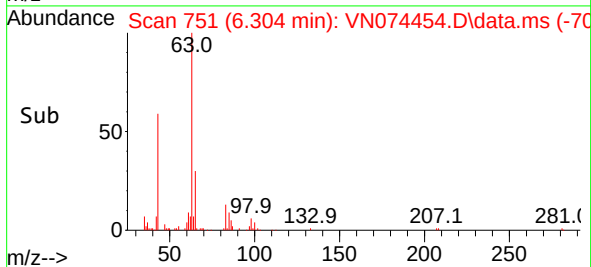
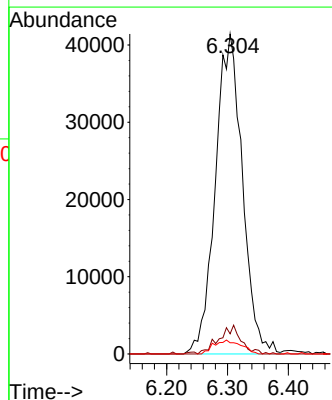
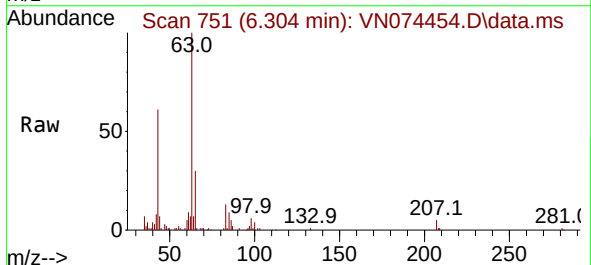
Manual Integrations
 APPROVED

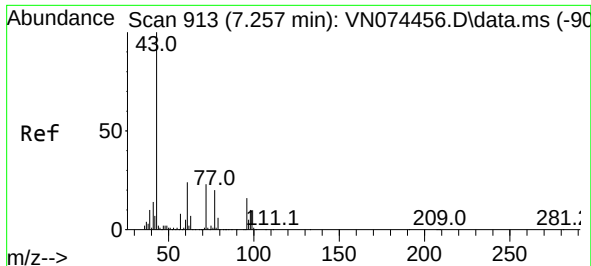
Reviewed By :John Carlone 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022



#24
 1,1-Dichloroethane
 Concen: 14.162 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. -0.000 min
 Lab File: VN074454.D
 Acq: 15 Sep 2022 11:00

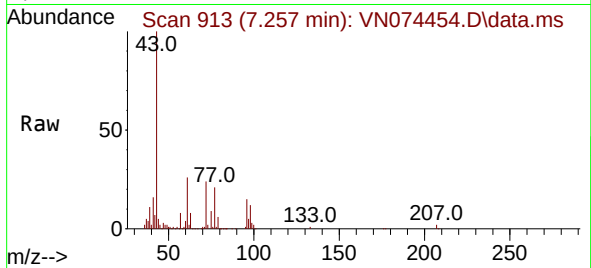
Tgt Ion: 63 Resp: 127700
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.5 10.4
 100 3.5 2.3 6.8





#25
2-Butanone
Concen: 69.755 ug/l
RT: 7.257 min Scan# 913
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00

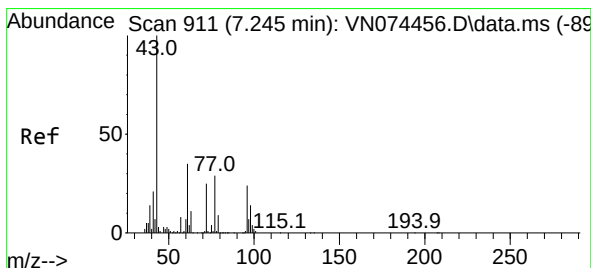
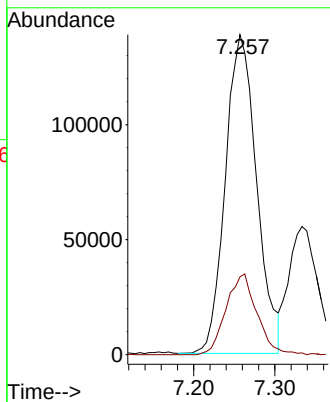
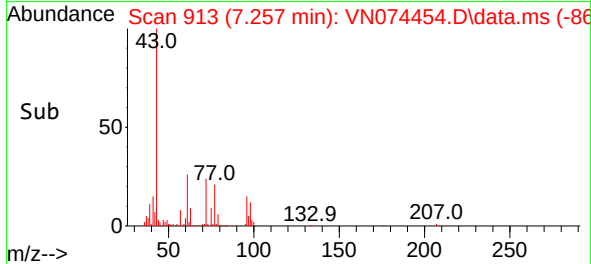
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



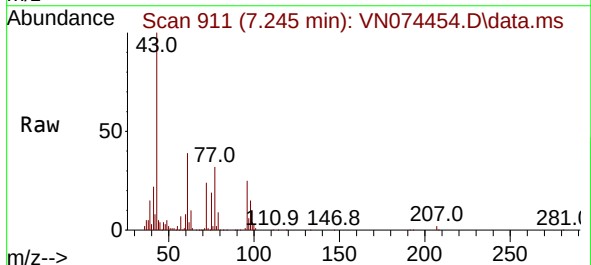
Tgt Ion: 43 Resp: 371345
Ion Ratio Lower Upper
43 100
72 24.4 23.7 35.5

Manual Integrations
APPROVED

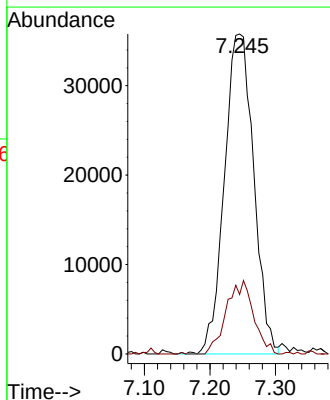
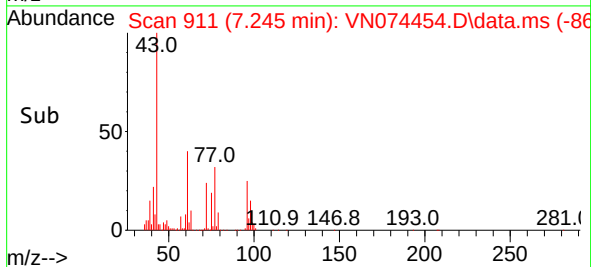
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

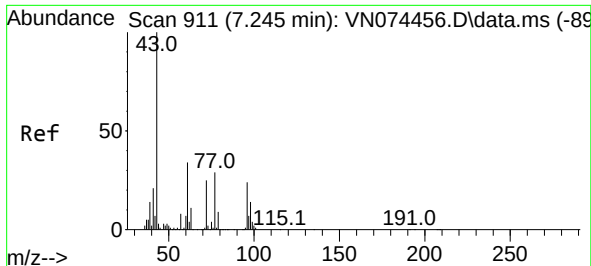


#26
2,2-Dichloropropane
Concen: 13.815 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00



Tgt Ion: 77 Resp: 111151
Ion Ratio Lower Upper
77 100
97 21.3 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 13.131 ug/l

RT: 7.245 min Scan# 911

Delta R.T. -0.000 min

Lab File: VN074454.D

Acq: 15 Sep 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

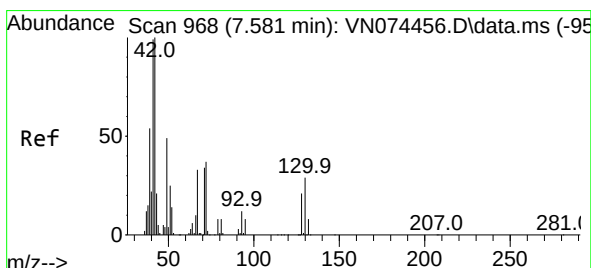
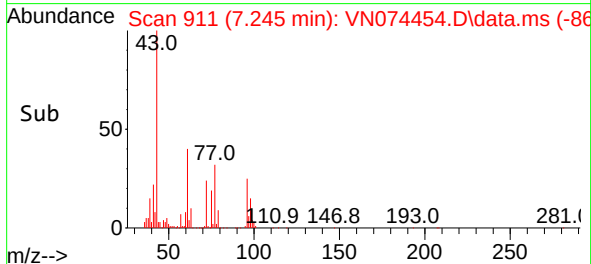
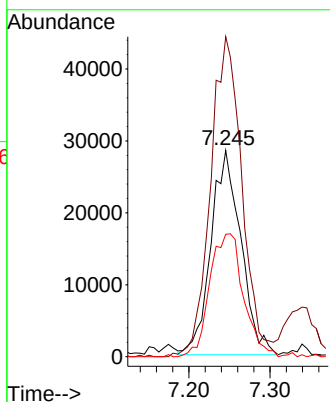
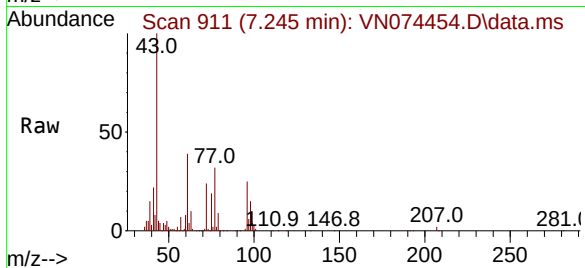
Tgt Ion:	96	Resp:	7300
Ion	Ratio	Lower	Upper
96	100		
61	163.9	0.0	280.6
98	67.5	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#28

Bromochloromethane

Concen: 9.669 ug/l

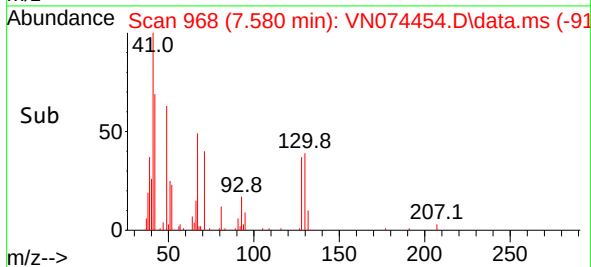
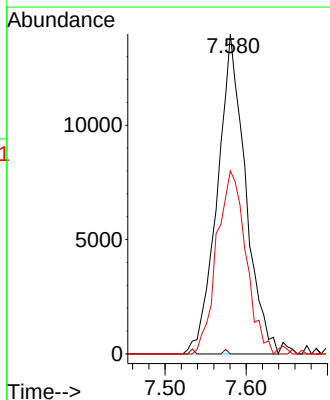
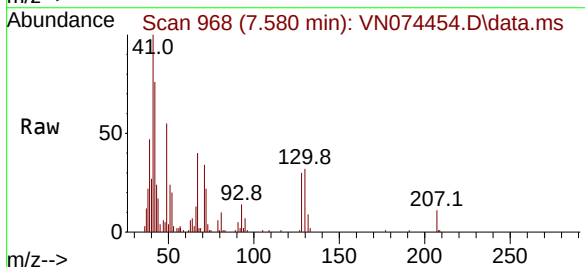
RT: 7.580 min Scan# 968

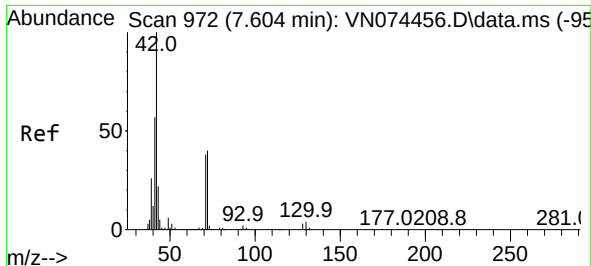
Delta R.T. -0.000 min

Lab File: VN074454.D

Acq: 15 Sep 2022 11:00

Tgt Ion:	49	Resp:	33675
Ion	Ratio	Lower	Upper
49	100		
129	0.2	0.0	4.6
130	59.1	69.7	104.5





#29

Tetrahydrofuran

Concen: 68.170 ug/l

RT: 7.610 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN074454.D

Acq: 15 Sep 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 42 Resp: 240569

Ion Ratio Lower Upper

42 100

72 41.0 39.7 59.5

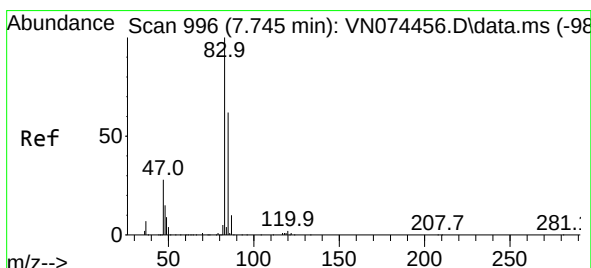
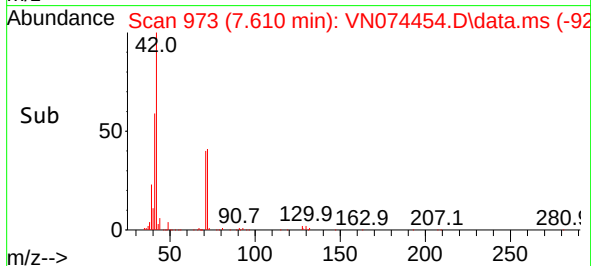
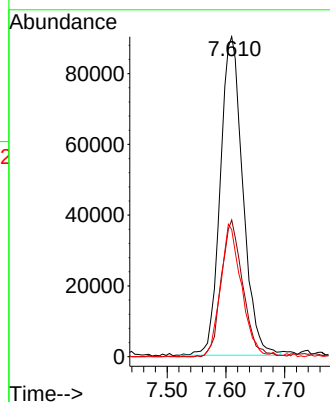
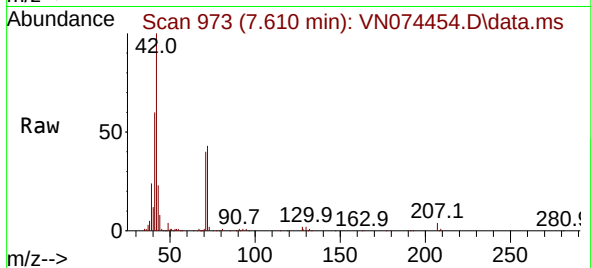
71 38.5 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#30

Chloroform

Concen: 13.787 ug/l

RT: 7.739 min Scan# 995

Delta R.T. -0.006 min

Lab File: VN074454.D

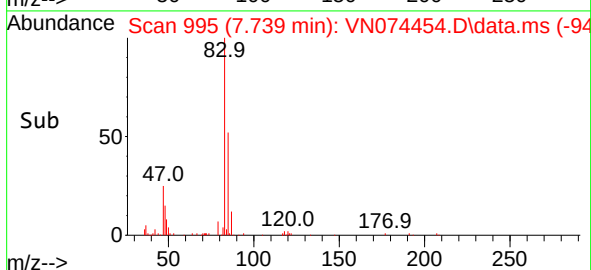
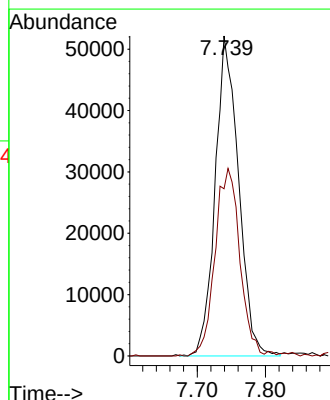
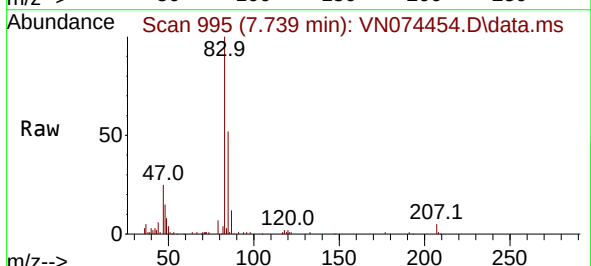
Acq: 15 Sep 2022 11:00

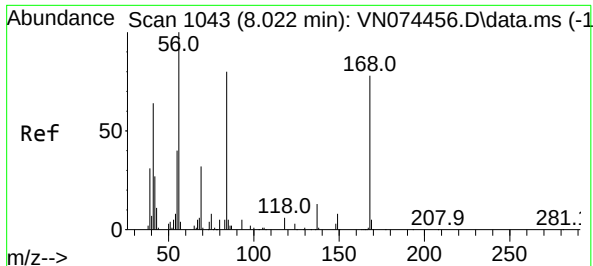
Tgt Ion: 83 Resp: 124233

Ion Ratio Lower Upper

83 100

85 51.9 51.8 77.8





#31

Cyclohexane

Concen: 15.106 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VN074454.D

Acq: 15 Sep 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 56 Resp: 12842

Ion Ratio Lower Upper

56 100

69 38.9 27.8 41.8

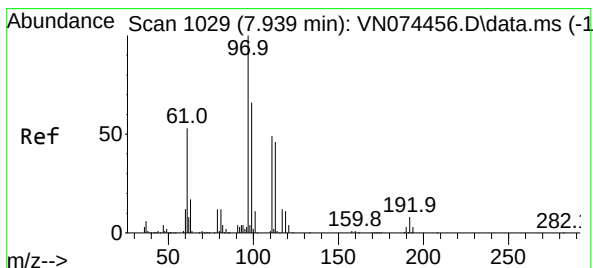
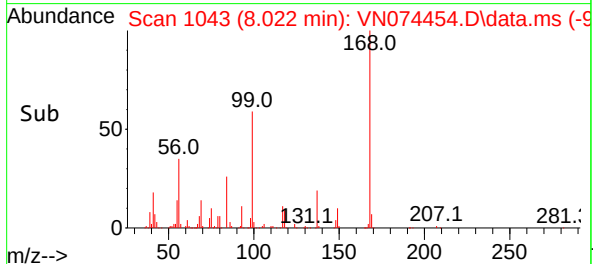
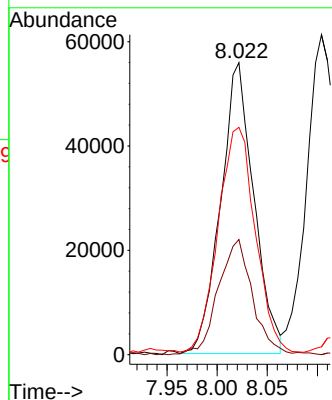
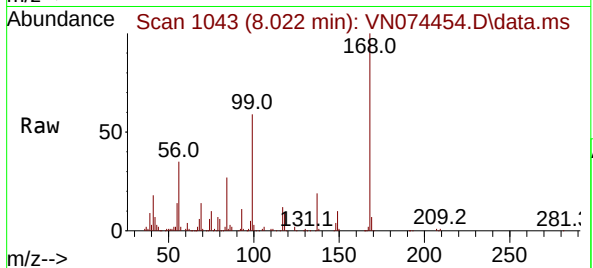
84 77.2 76.9 115.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#32

1,1,1-Trichloroethane

Concen: 13.058 ug/l

RT: 7.939 min Scan# 1029

Delta R.T. -0.000 min

Lab File: VN074454.D

Acq: 15 Sep 2022 11:00

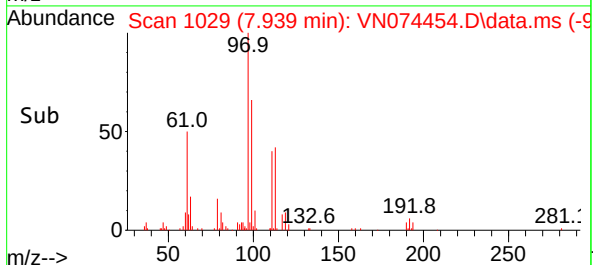
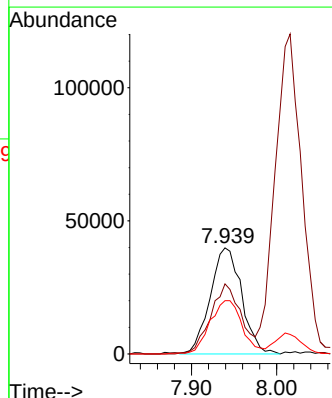
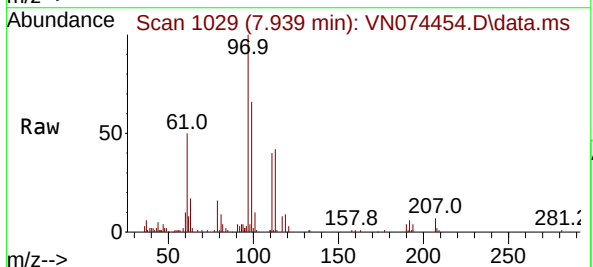
Tgt Ion: 97 Resp: 102292

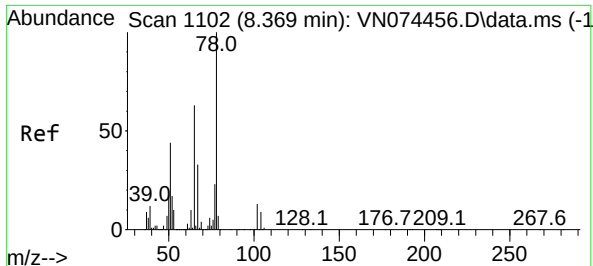
Ion Ratio Lower Upper

97 100

99 63.8 50.6 76.0

61 51.9 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 11.800 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074454.D

Acq: 15 Sep 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 65 Resp: 70060

Ion Ratio Lower Upper

65 100

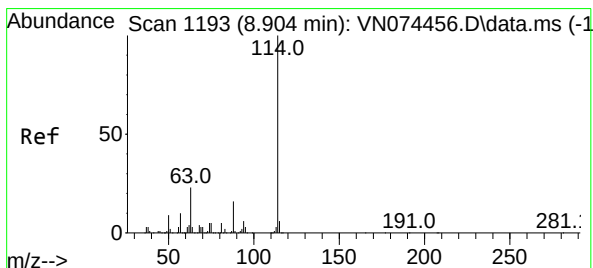
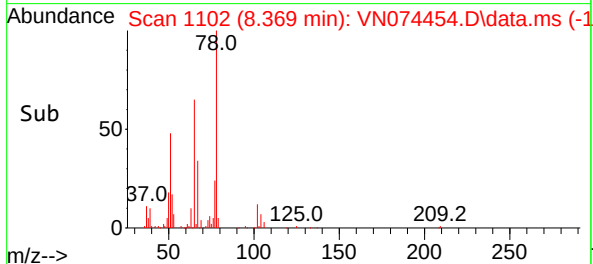
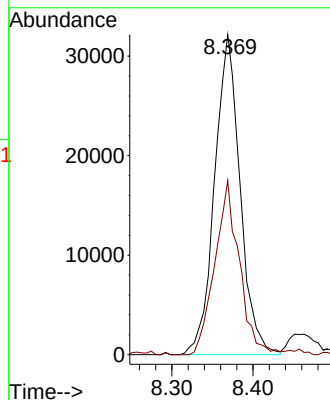
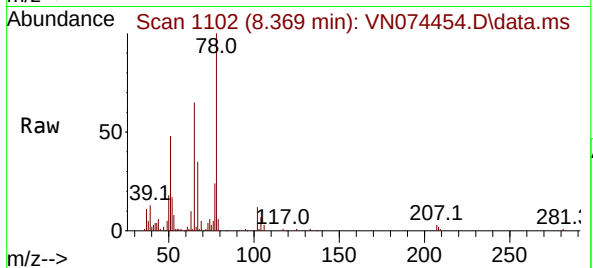
67 52.5 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. -0.006 min

Lab File: VN074454.D

Acq: 15 Sep 2022 11:00

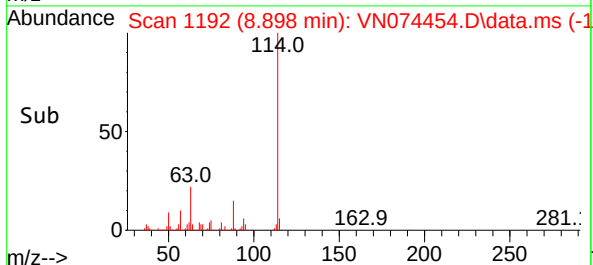
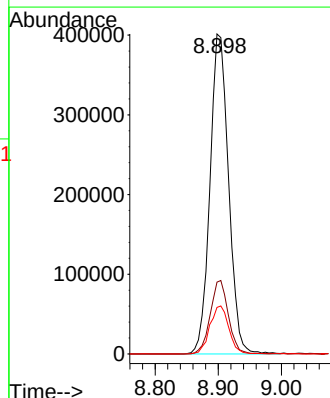
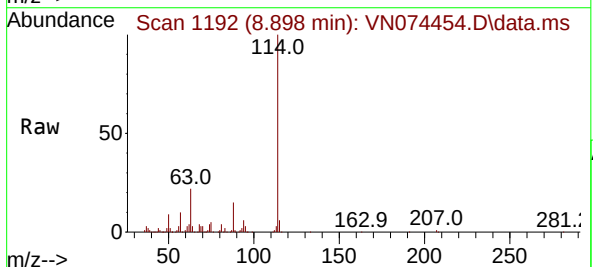
Tgt Ion:114 Resp: 821330

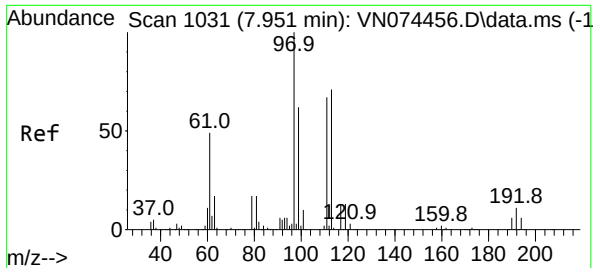
Ion Ratio Lower Upper

114 100

63 22.4 0.0 40.0

88 14.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 10.171 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VN074454.D

Acq: 15 Sep 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

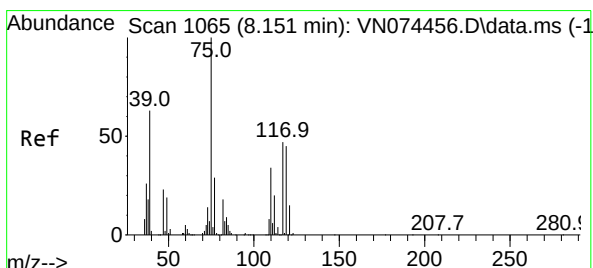
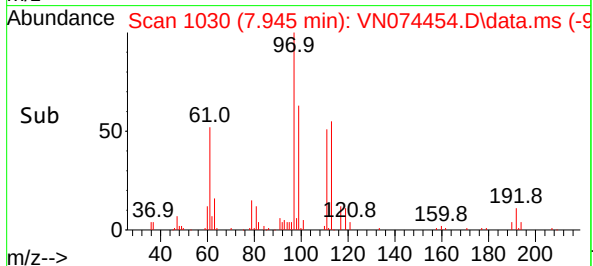
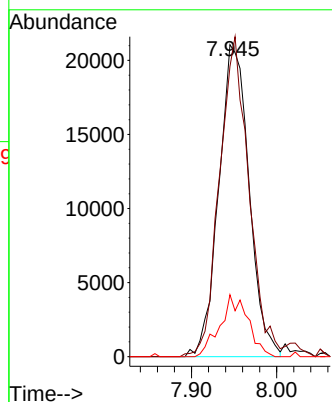
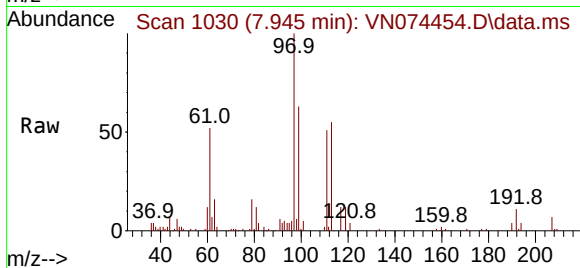
Tgt Ion:	113	Resp:	52084
Ion Ratio	Lower	Upper	
113	100		
111	98.9	81.4	122.0
192	18.2	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#36

1,1-Dichloropropene

Concen: 12.439 ug/l

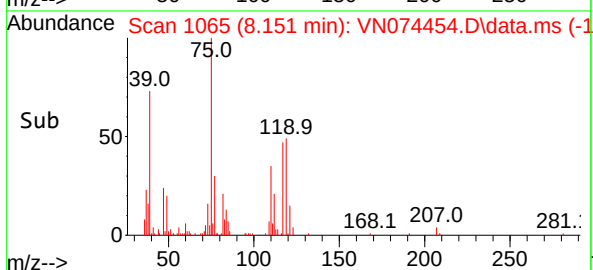
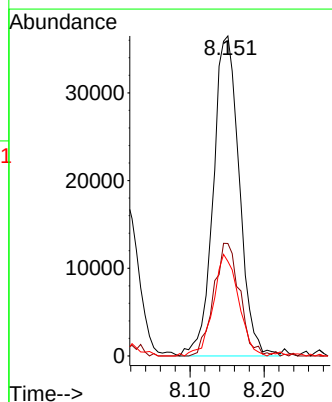
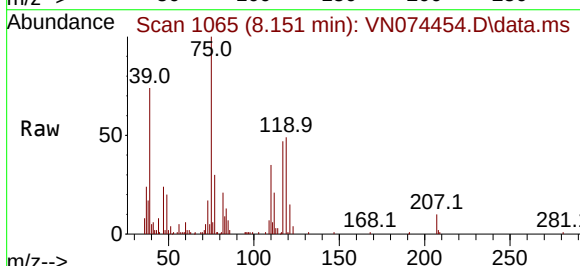
RT: 8.151 min Scan# 1065

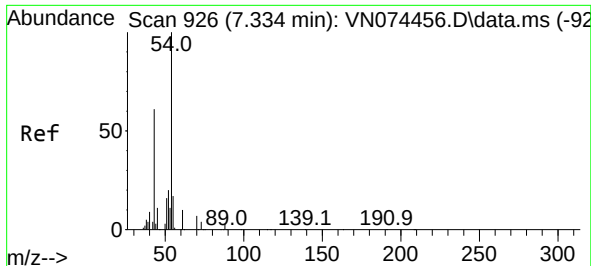
Delta R.T. -0.000 min

Lab File: VN074454.D

Acq: 15 Sep 2022 11:00

Tgt Ion:	75	Resp:	89048
Ion Ratio	Lower	Upper	
75	100		
110	35.5	18.3	54.8
77	30.9	25.1	37.7





#37

Ethyl Acetate

Concen: 11.967 ug/l

RT: 7.333 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN074454.D

Acq: 15 Sep 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 43 Resp: 137950

Ion Ratio Lower Upper

43 100

61 13.0 11.8 17.6

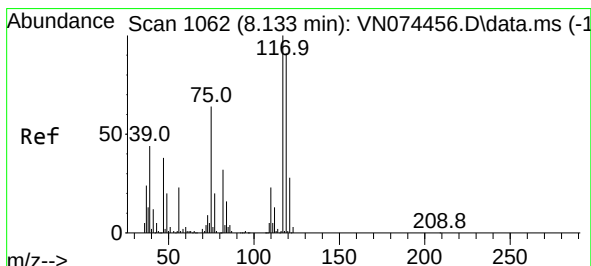
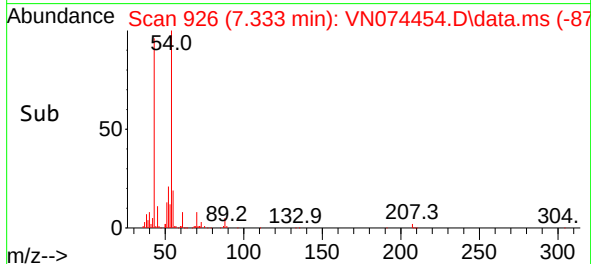
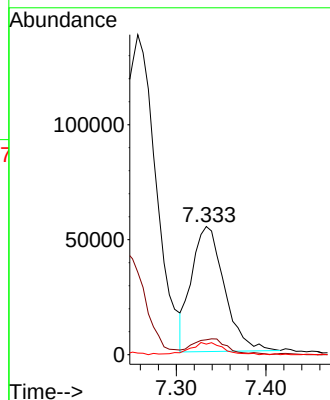
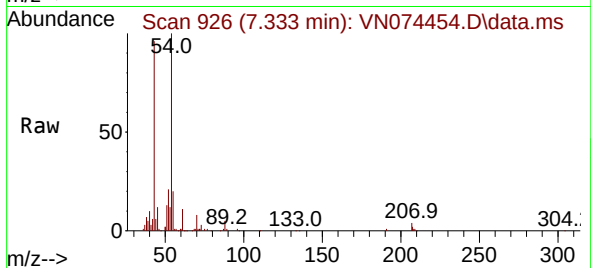
70 9.8 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#38

Carbon Tetrachloride

Concen: 11.563 ug/l

RT: 8.133 min Scan# 1062

Delta R.T. -0.000 min

Lab File: VN074454.D

Acq: 15 Sep 2022 11:00

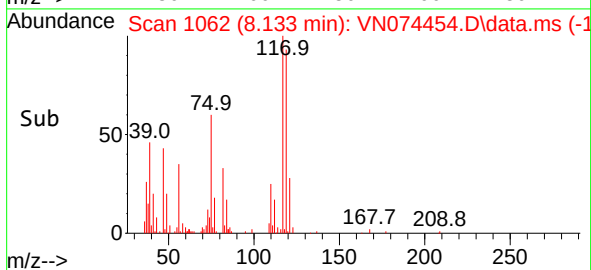
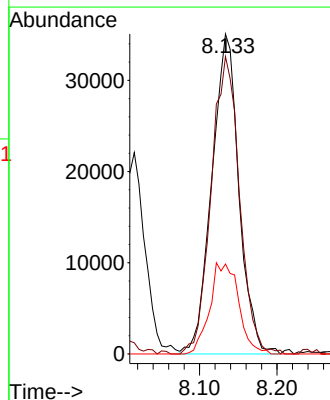
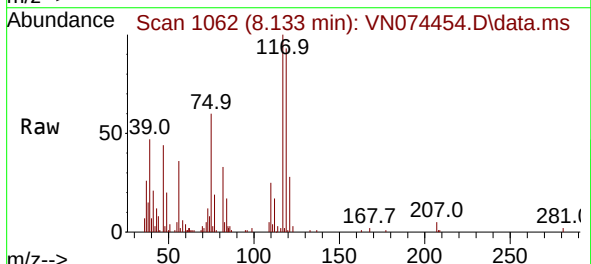
Tgt Ion:117 Resp: 85333

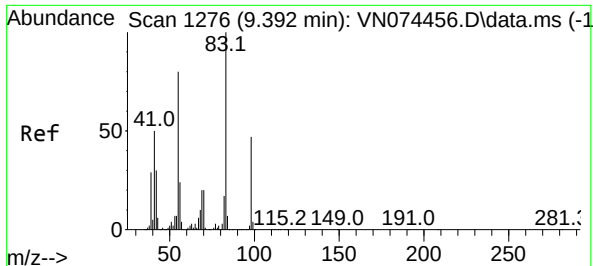
Ion Ratio Lower Upper

117 100

119 92.9 75.8 113.8

121 28.1 24.6 37.0





#39

Methylcyclohexane

Concen: 12.638 ug/l

RT: 9.392 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VN074454.D

Acq: 15 Sep 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 83 Resp: 109702

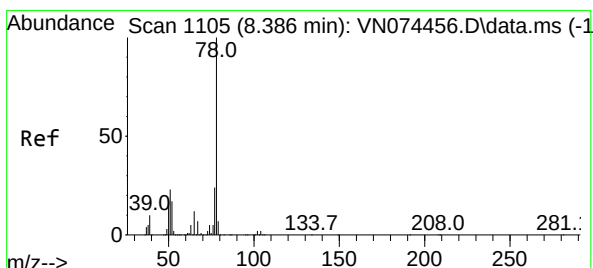
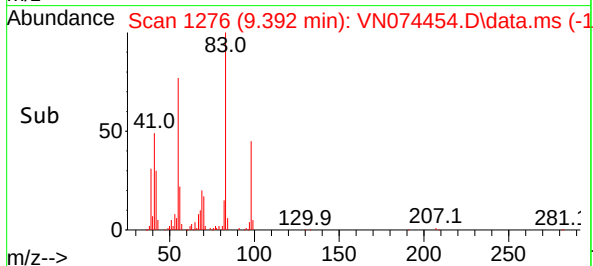
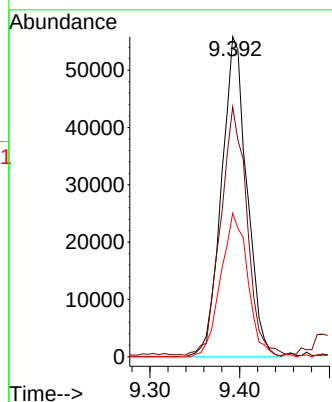
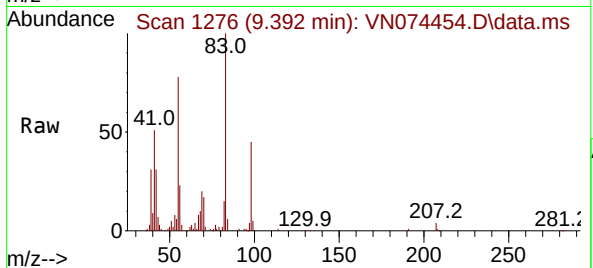
Ion	Ratio	Lower	Upper
83	100		
55	77.4	57.8	86.8
98	44.8	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#40

Benzene

Concen: 13.055 ug/l

RT: 8.392 min Scan# 1106

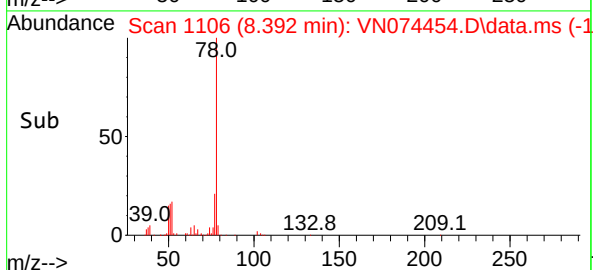
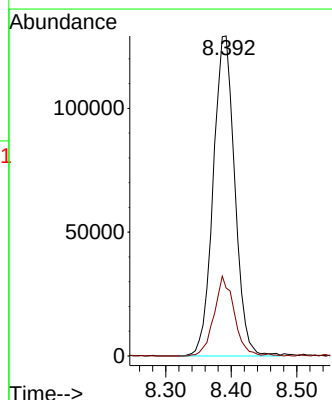
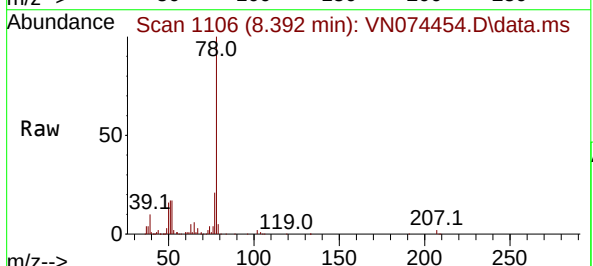
Delta R.T. 0.006 min

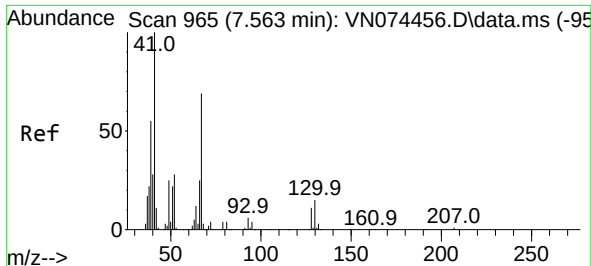
Lab File: VN074454.D

Acq: 15 Sep 2022 11:00

Tgt Ion: 78 Resp: 294662

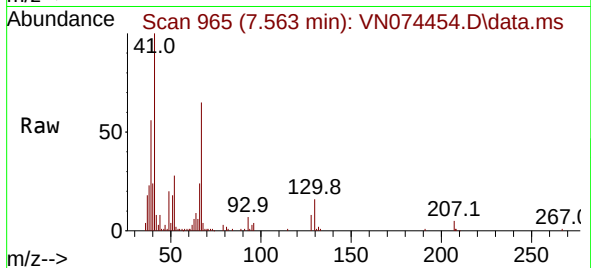
Ion	Ratio	Lower	Upper
78	100		
77	21.3	19.4	29.0





#41
Methacrylonitrile
Concen: 13.628 ug/l
RT: 7.563 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00

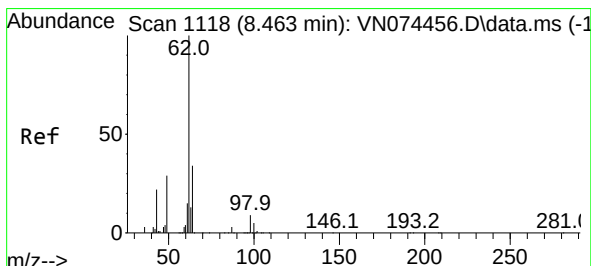
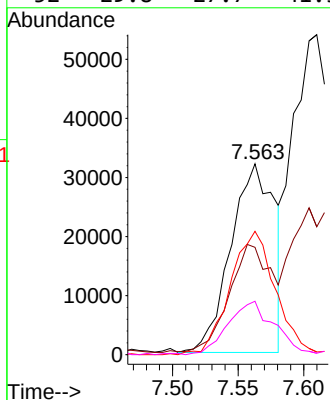
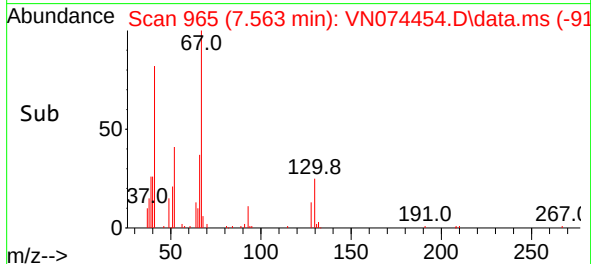
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



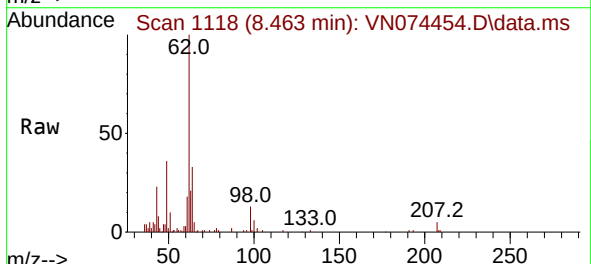
Tgt Ion:	41	Resp:	7430
Ion Ratio	100	Lower	Upper
39	56.1	48.6	73.0
67	68.0	73.4	110.2
52	29.8	27.7	41.5

Manual Integrations
APPROVED

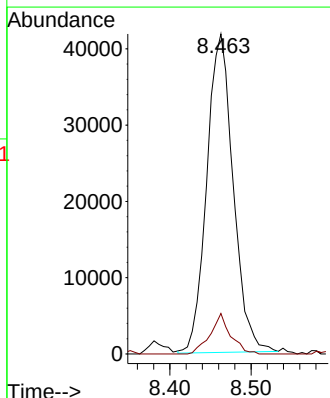
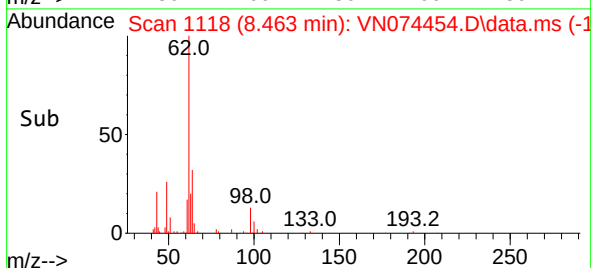
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

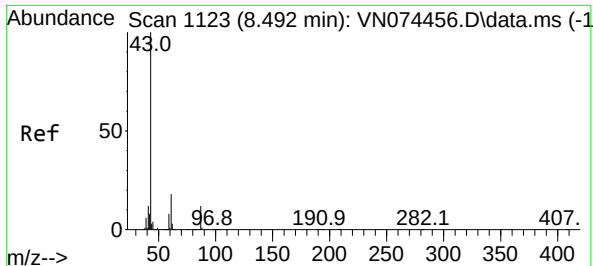


#42
1,2-Dichloroethane
Concen: 11.866 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00



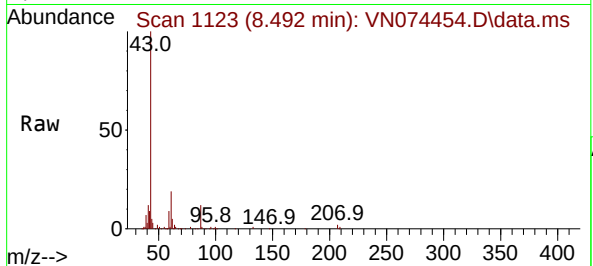
Tgt Ion:	62	Resp:	94391
Ion Ratio	100	Lower	Upper
98	9.8	0.0	19.4





#43
Isopropyl Acetate
Concen: 13.161 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00

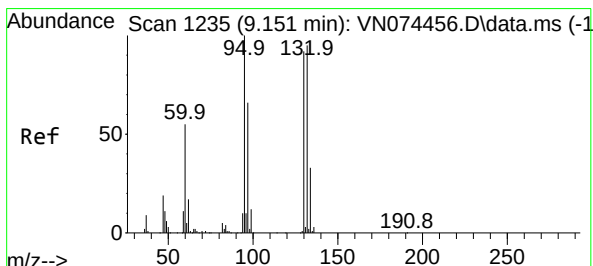
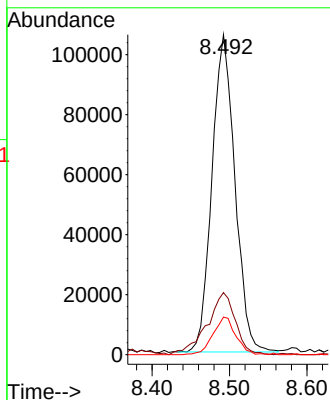
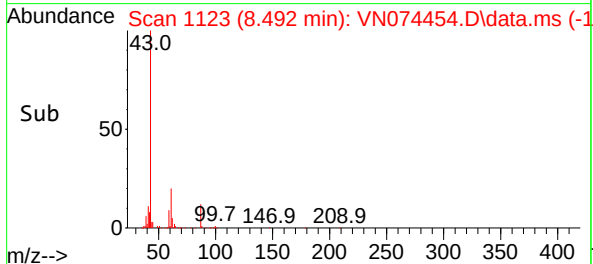
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 21857
Ion Ratio Lower Upper
43 100
61 24.2 21.9 32.9
87 11.7 12.0 18.0

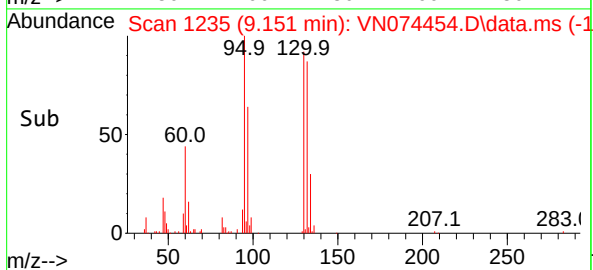
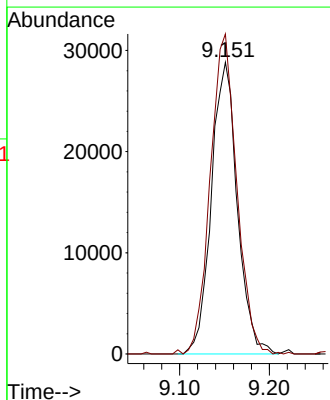
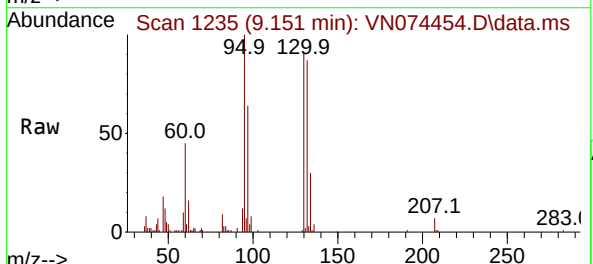
Manual Integrations
APPROVED

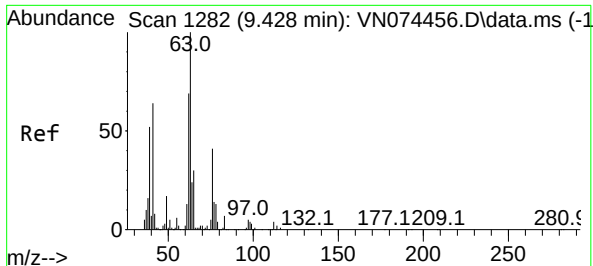
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#44
Trichloroethene
Concen: 10.492 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00

Tgt Ion:130 Resp: 57857
Ion Ratio Lower Upper
130 100
95 109.1 0.0 186.8





#45

1,2-Dichloropropane

Concen: 13.529 ug/l

RT: 9.427 min Scan# 1282

Delta R.T. -0.000 min

Lab File: VN074454.D

Acq: 15 Sep 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 63 Resp: 79064

Ion Ratio Lower Upper

63 100

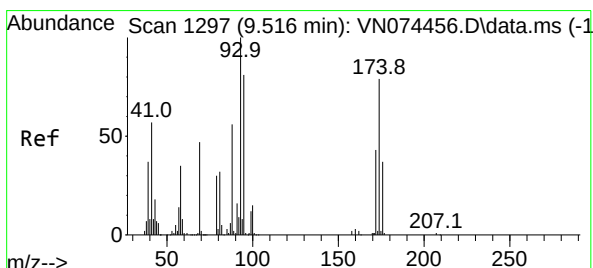
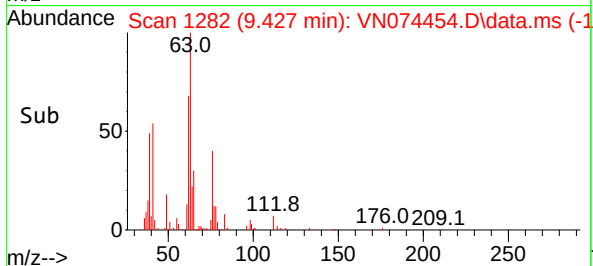
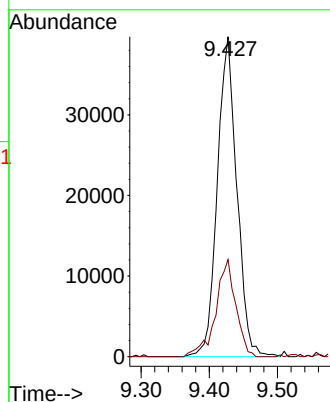
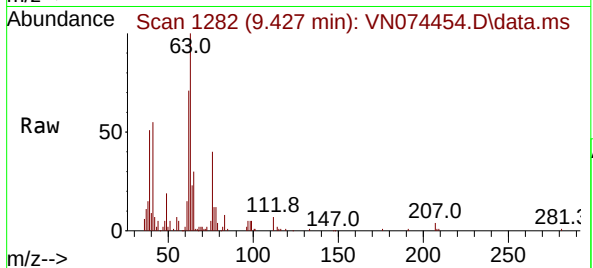
65 30.3 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#46

Dibromomethane

Concen: 12.528 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN074454.D

Acq: 15 Sep 2022 11:00

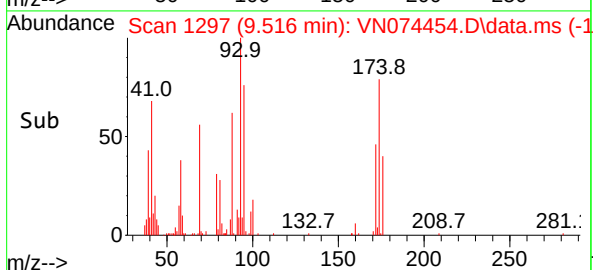
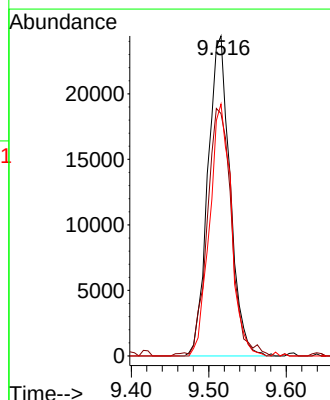
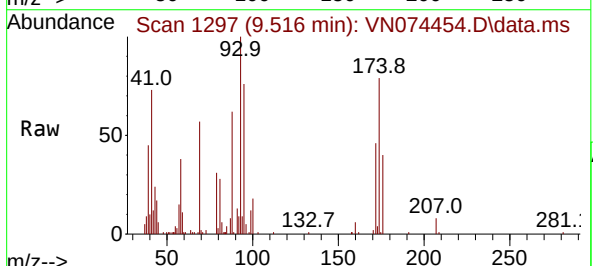
Tgt Ion: 93 Resp: 48583

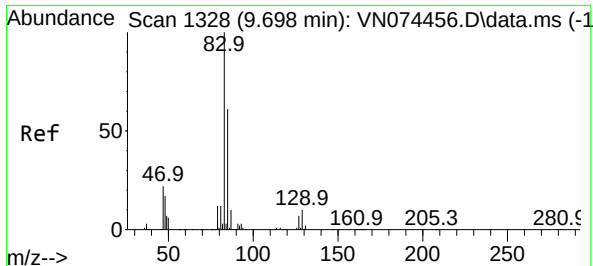
Ion Ratio Lower Upper

93 100

95 84.7 66.9 100.3

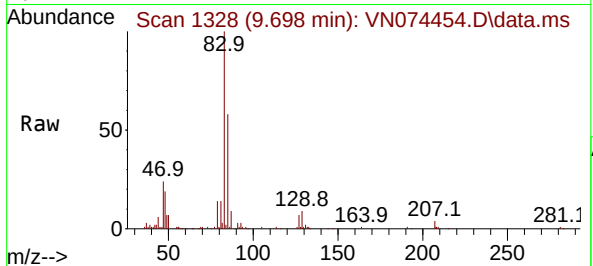
174 77.2 86.6 130.0#





#47
Bromodichloromethane
Concen: 12.854 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00

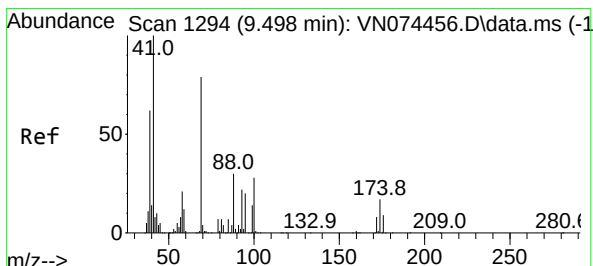
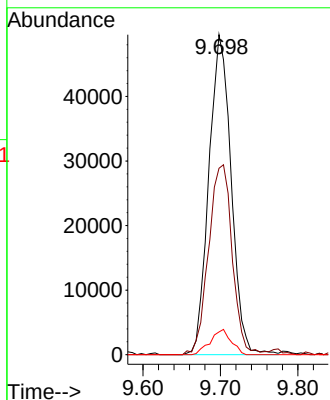
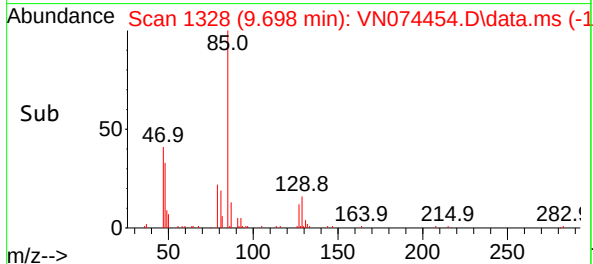
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



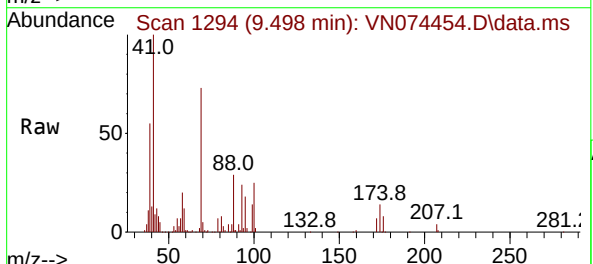
Tgt Ion: 83 Resp: 99068
Ion Ratio Lower Upper
83 100
85 58.2 50.5 75.7
127 7.1 6.8 10.2

Manual Integrations
APPROVED

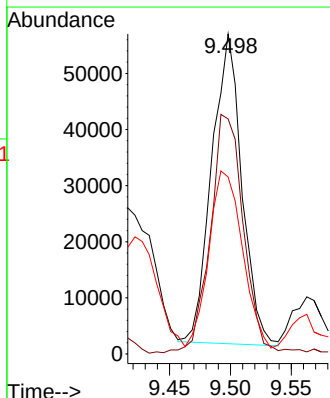
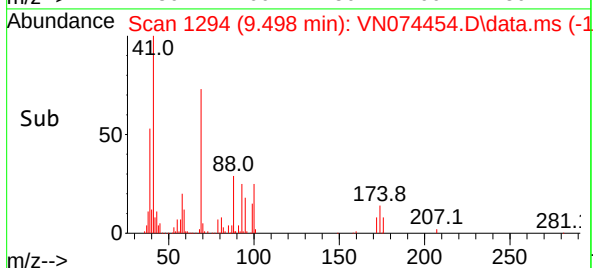
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

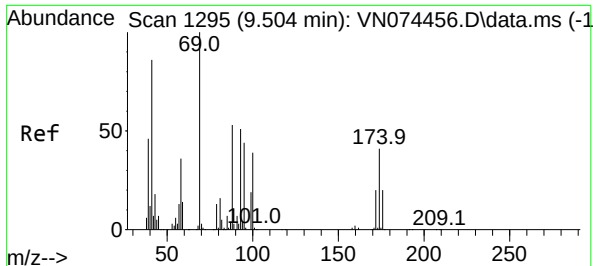


#48
Methyl methacrylate
Concen: 12.618 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00



Tgt Ion: 41 Resp: 94824
Ion Ratio Lower Upper
41 100
69 84.3 74.7 112.1
39 66.7 45.6 68.4





#49

1,4-Dioxane

Concen: 234.364 ug/l

RT: 9.510 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VN074454.D

Acq: 15 Sep 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

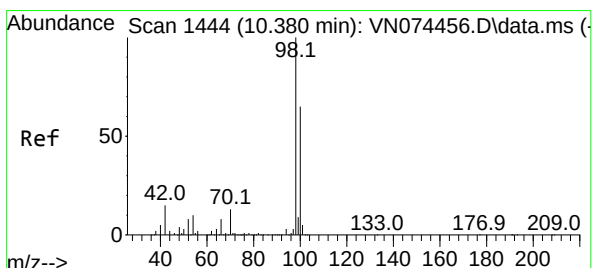
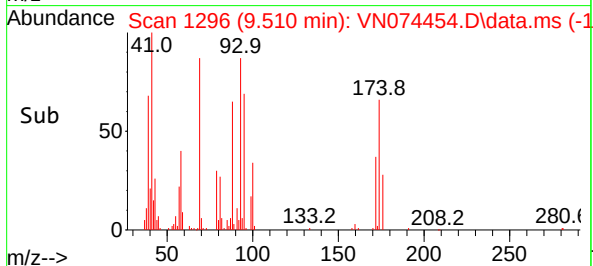
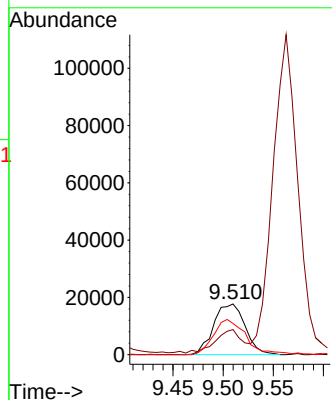
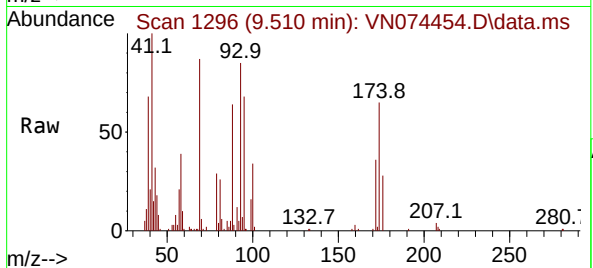
Tgt Ion:	88	Resp:	38628
Ion Ratio	Lower	Upper	
88	100		
43	39.2	20.2	30.4
58	72.3	54.2	81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#50

Toluene-d8

Concen: 10.269 ug/l

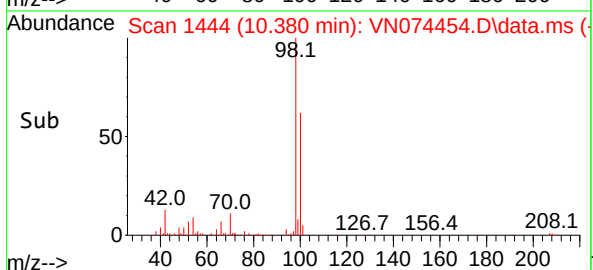
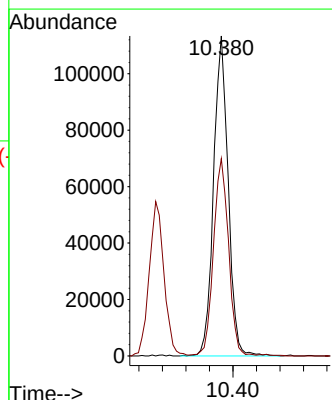
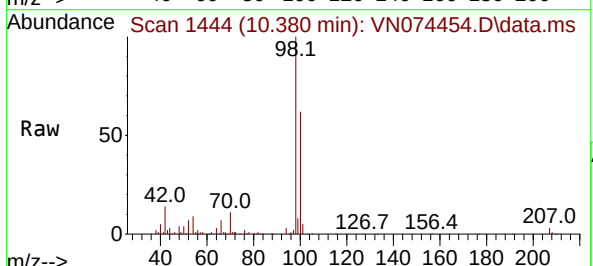
RT: 10.380 min Scan# 1444

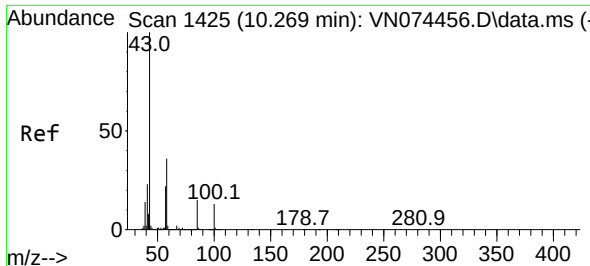
Delta R.T. -0.000 min

Lab File: VN074454.D

Acq: 15 Sep 2022 11:00

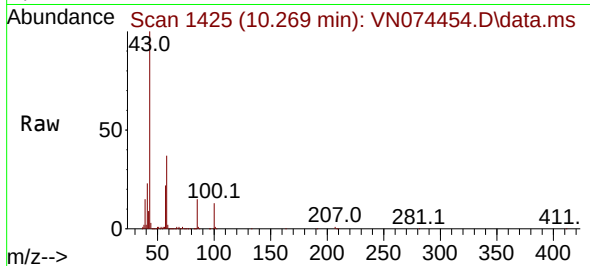
Tgt Ion:	98	Resp:	195524
Ion Ratio	Lower	Upper	
98	100		
100	63.0	52.6	78.8





#51
4-Methyl-2-Pentanone
Concen: 66.779 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00

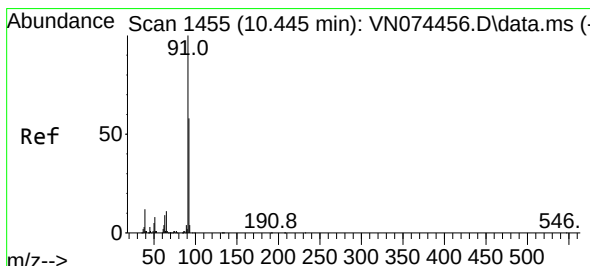
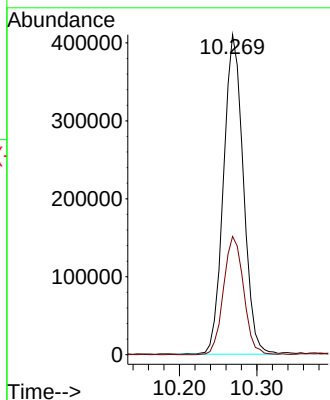
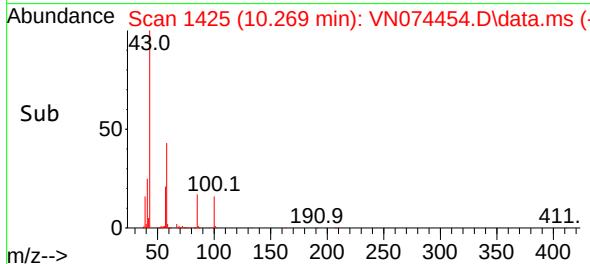
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



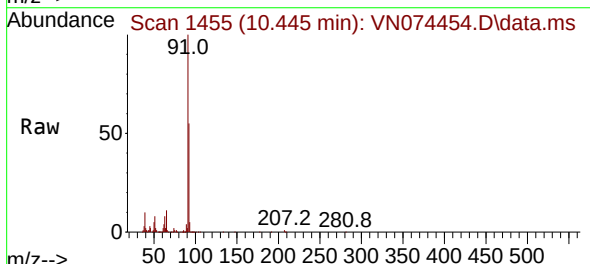
Tgt Ion: 43 Resp: 729150
Ion Ratio Lower Upper
43 100
58 37.6 34.1 51.1

Manual Integrations
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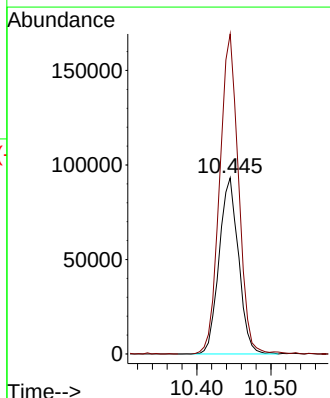
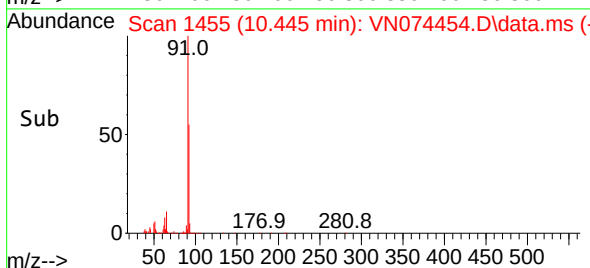
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

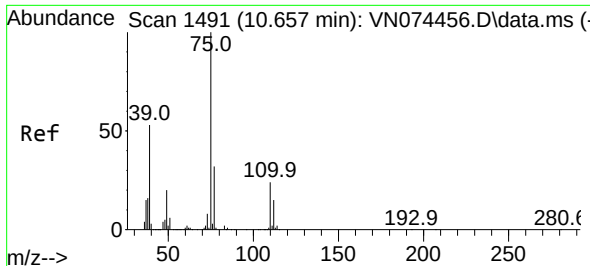


#52
Toluene
Concen: 12.280 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00



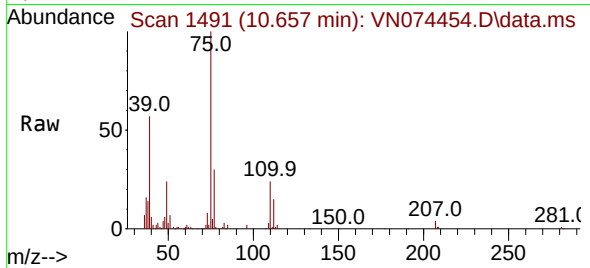
Tgt Ion: 92 Resp: 169441
Ion Ratio Lower Upper
92 100
91 177.1 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 12.822 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00

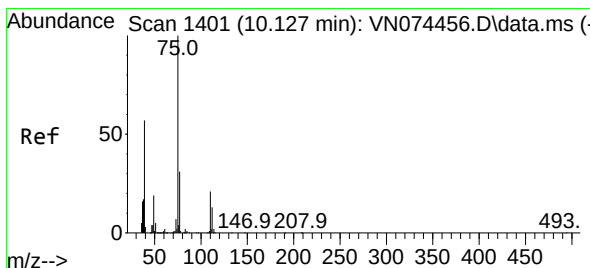
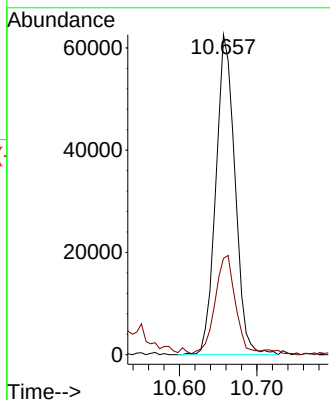
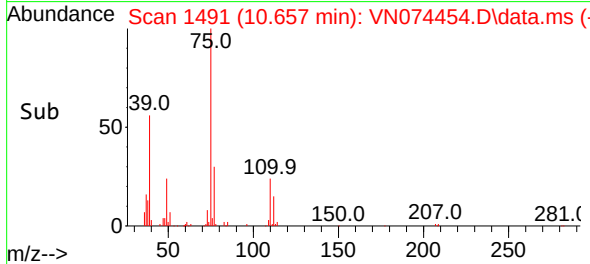
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 75 Resp: 107740
Ion Ratio Lower Upper
75 100
77 29.4 25.6 38.4

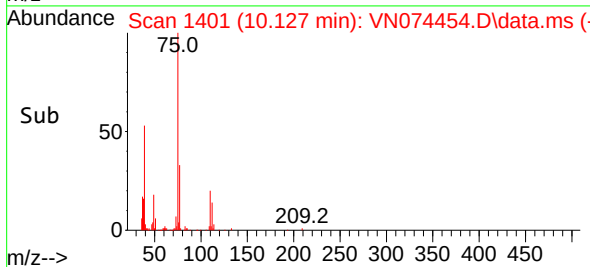
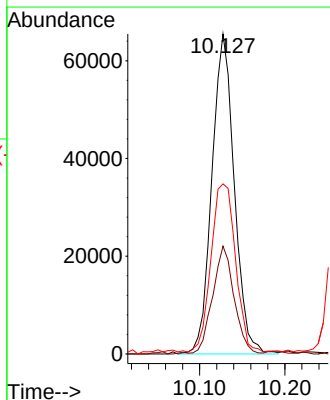
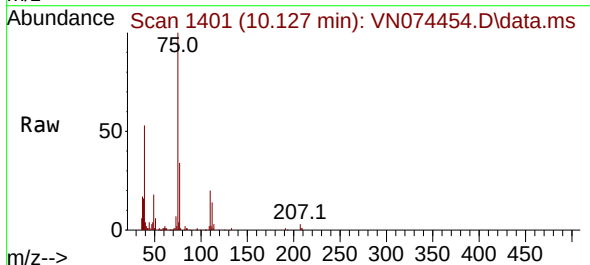
Manual Integrations
APPROVED

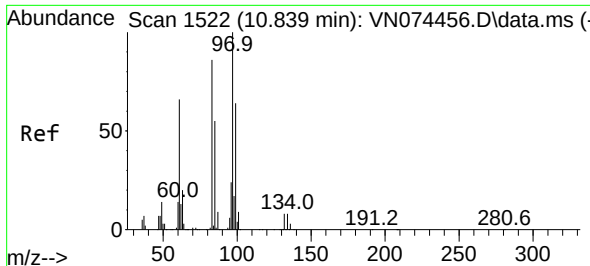
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#54
cis-1,3-Dichloropropene
Concen: 13.032 ug/l
RT: 10.127 min Scan# 1401
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00

Tgt Ion: 75 Resp: 119419
Ion Ratio Lower Upper
75 100
77 33.5 25.2 37.8
39 52.5 35.7 53.5





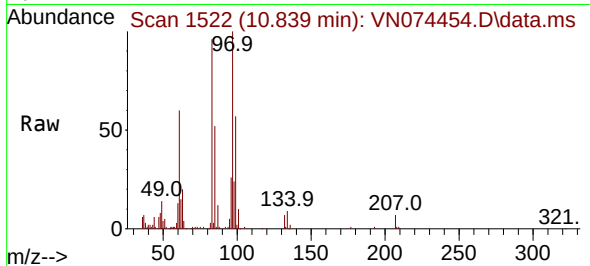
#55
1,1,2-Trichloroethane
Concen: 11.639 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010



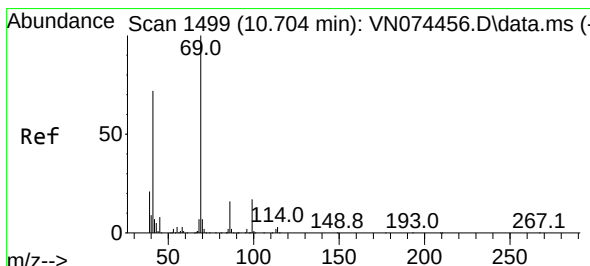
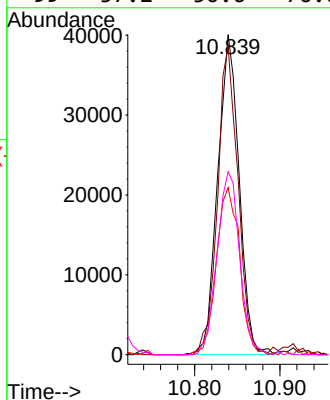
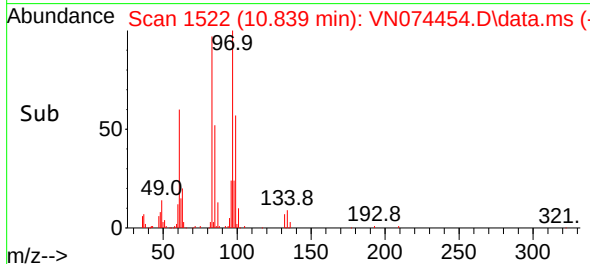
Tgt Ion:	97	Resp:	69952
Ion Ratio	Lower	Upper	
97	100		
83	96.3	66.2	99.4
85	52.2	43.9	65.9
99	57.2	50.6	76.0

Manual Integrations

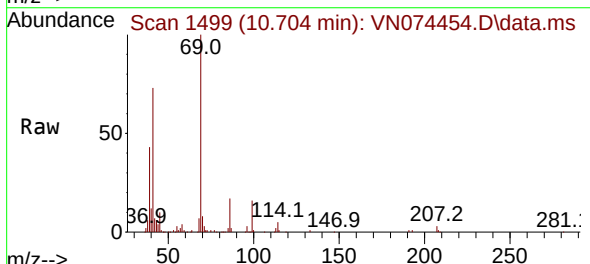
APPROVED

Reviewed By :John Carlone 09/16/2022

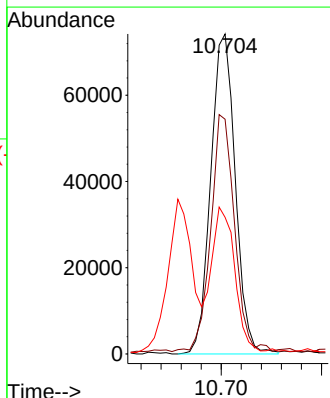
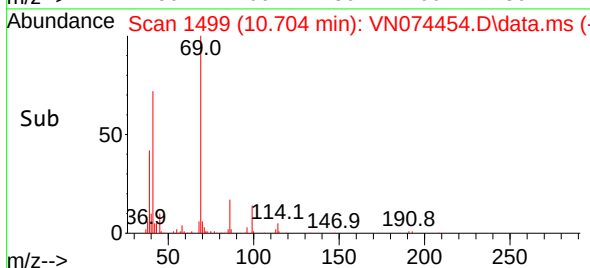
Supervised By :Mahesh Dadoda 09/16/2022

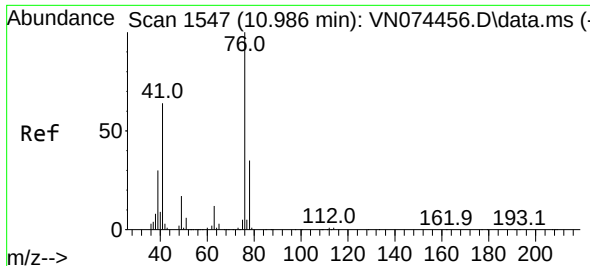


#56
Ethyl methacrylate
Concen: 12.890 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00



Tgt Ion:	69	Resp:	126066
Ion Ratio	Lower	Upper	
69	100		
41	71.5	47.8	71.6
39	42.7	27.3	40.9





#57

1,3-Dichloropropane

Concen: 12.092 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. -0.000 min

Lab File: VN074454.D

Acq: 15 Sep 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 76 Resp: 121719

Ion Ratio Lower Upper

76 100

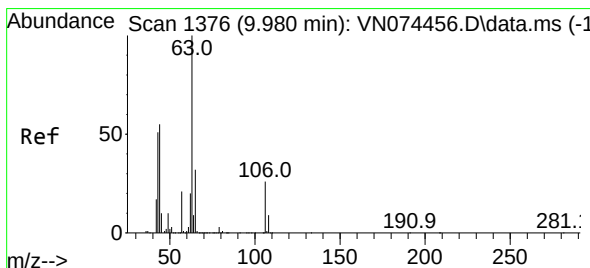
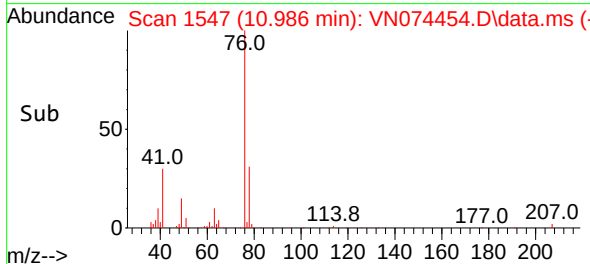
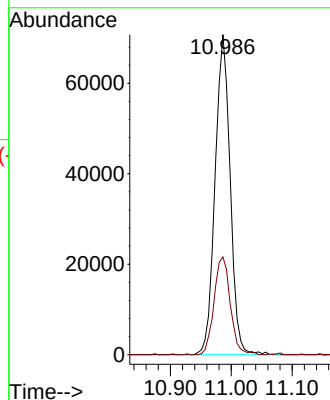
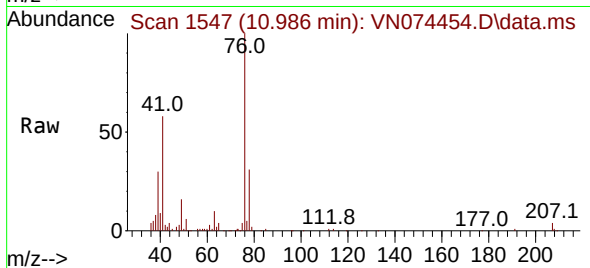
78 32.9 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#58

2-Chloroethyl Vinyl ether

Concen: 63.712 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VN074454.D

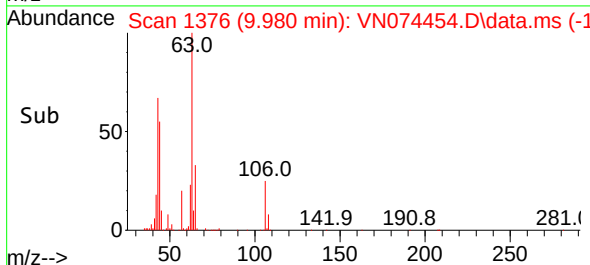
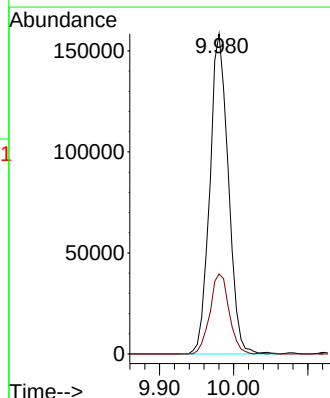
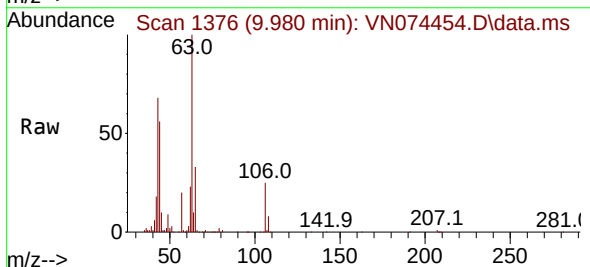
Acq: 15 Sep 2022 11:00

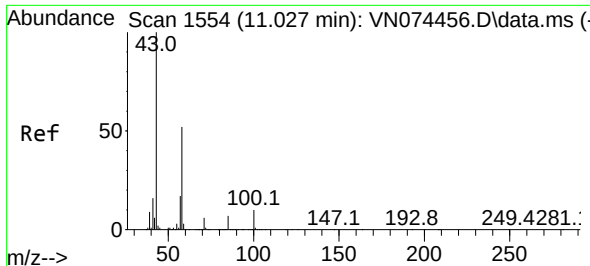
Tgt Ion: 63 Resp: 274735

Ion Ratio Lower Upper

63 100

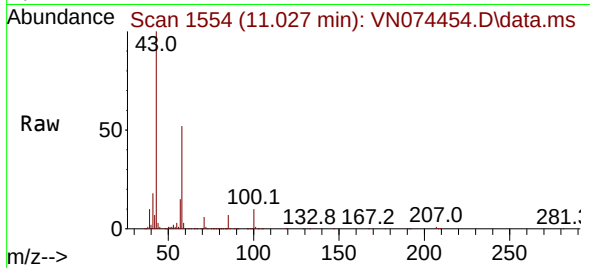
106 25.8 24.6 36.8





#59
2-Hexanone
Concen: 66.251 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00

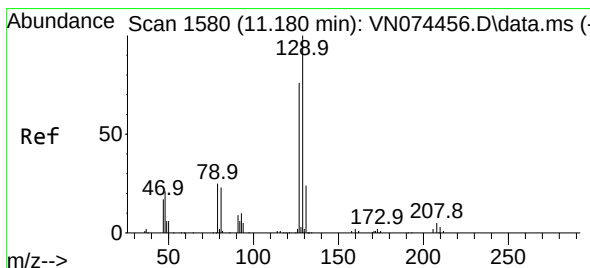
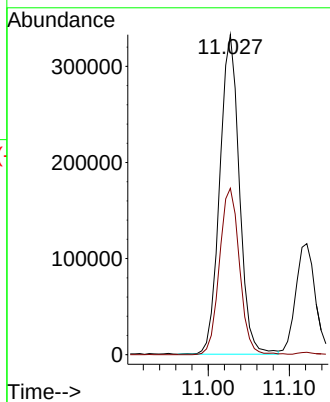
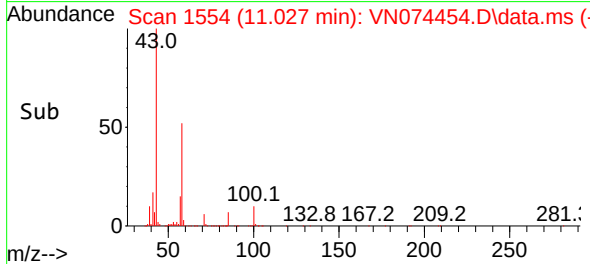
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 55812
Ion Ratio Lower Upper
43 100
58 53.3 29.7 89.1

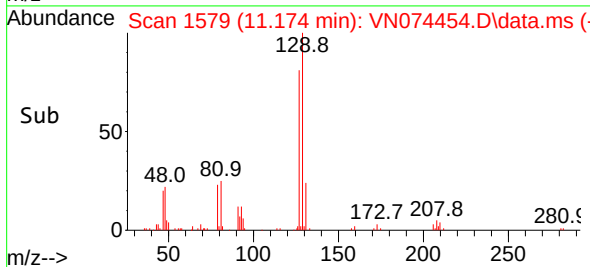
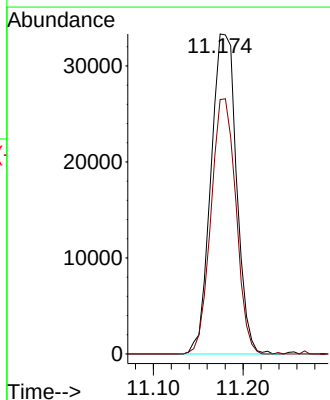
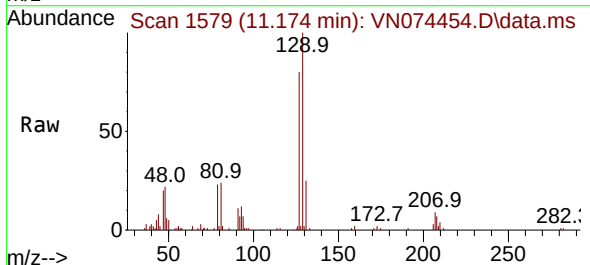
Manual Integrations
APPROVED

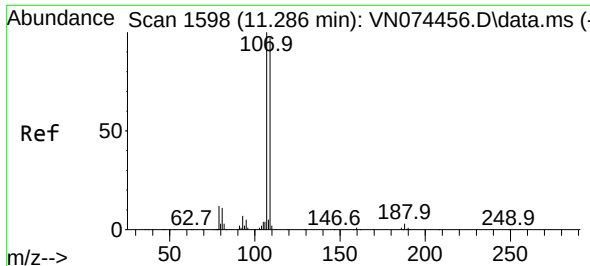
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#60
Dibromochloromethane
Concen: 11.738 ug/l
RT: 11.174 min Scan# 1579
Delta R.T. -0.006 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00

Tgt Ion:129 Resp: 66045
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.4





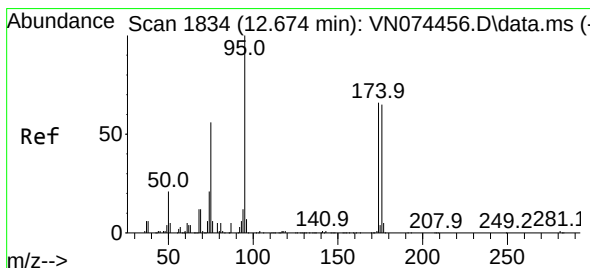
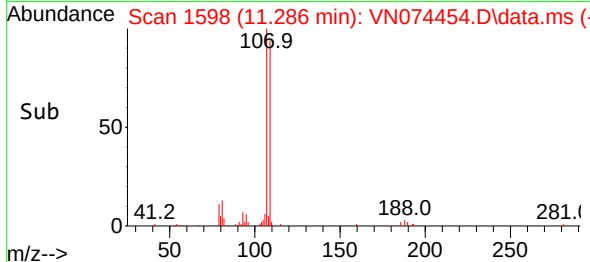
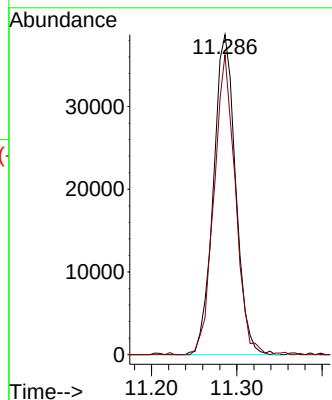
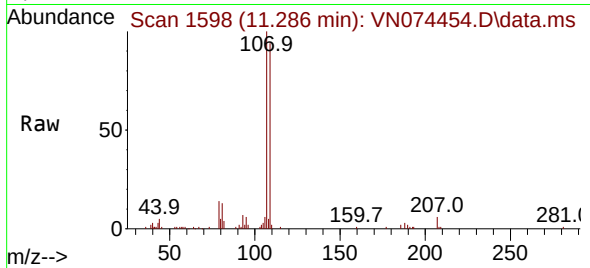
#61
1,2-Dibromoethane
Concen: 11.853 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:107 Resp: 69924
Ion Ratio Lower Upper
107 100
109 90.1 75.0 112.6

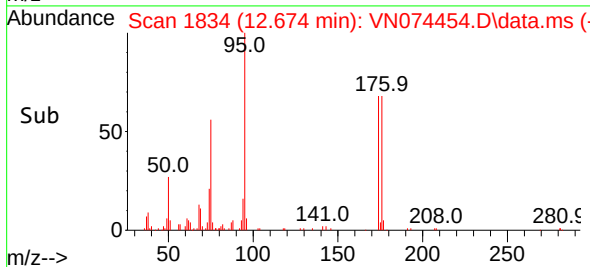
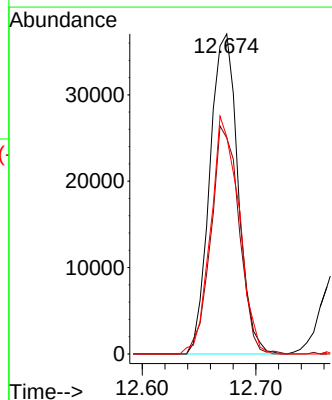
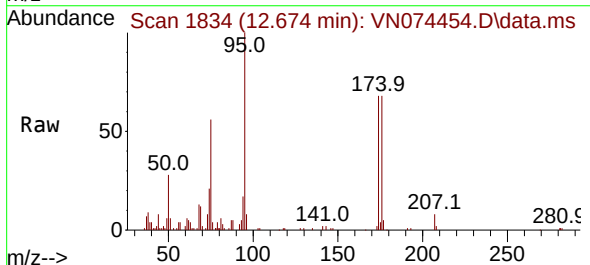
Manual Integrations
APPROVED

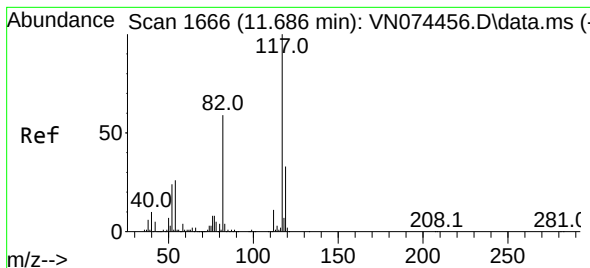
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#62
4-Bromofluorobenzene
Concen: 9.314 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00

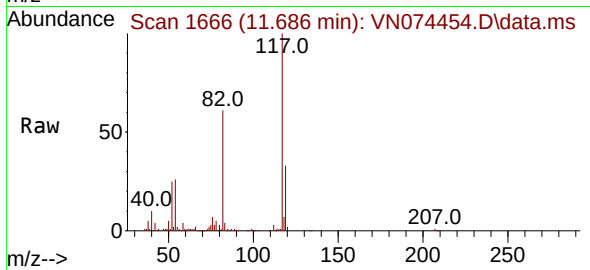
Tgt Ion: 95 Resp: 63875
Ion Ratio Lower Upper
95 100
174 71.2 0.0 167.6
176 74.5 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00

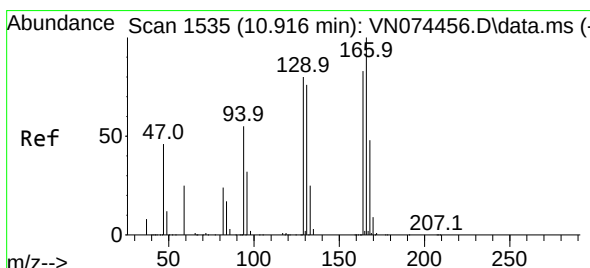
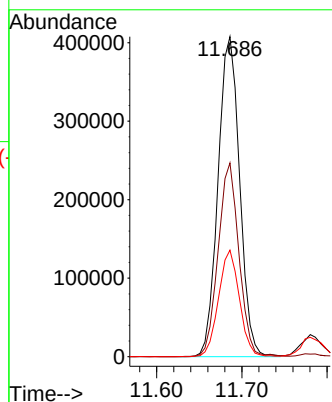
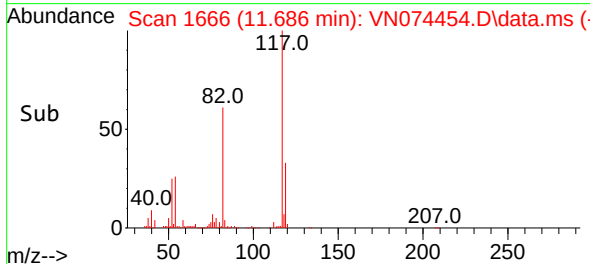
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



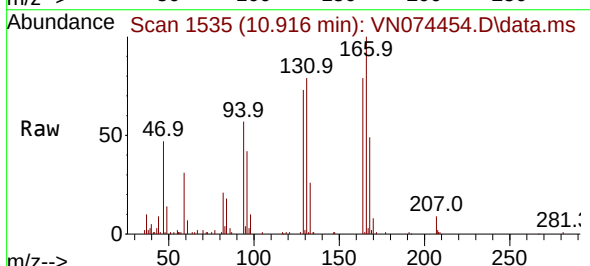
Tgt Ion:117 Resp: 720004
Ion Ratio Lower Upper
117 100
82 60.5 44.2 66.2
119 33.3 25.4 38.0

Manual Integrations
APPROVED

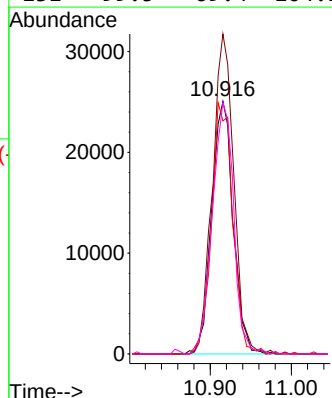
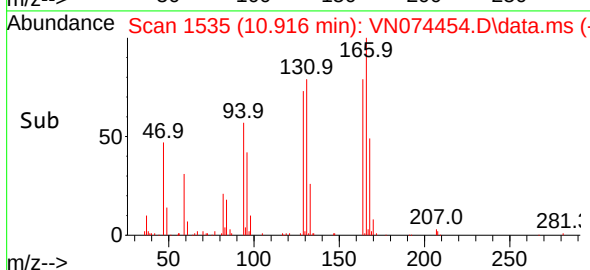
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

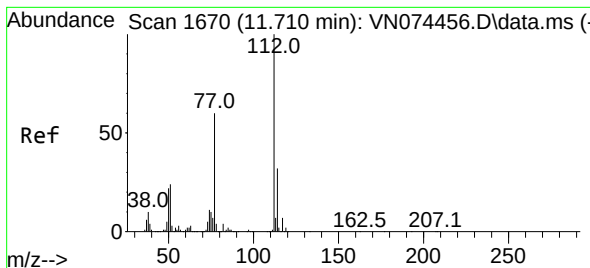


#64
Tetrachloroethene
Concen: 10.510 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00



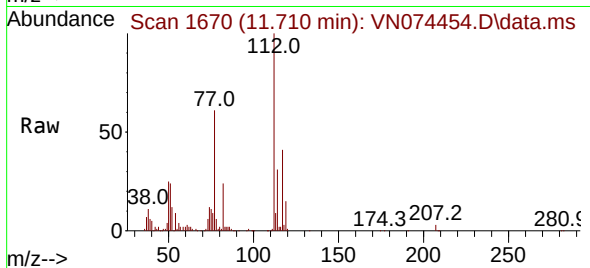
Tgt Ion:164 Resp: 46167
Ion Ratio Lower Upper
164 100
166 126.7 104.2 156.2
129 92.3 73.9 110.9
131 99.5 69.4 104.2





#65
Chlorobenzene
Concen: 11.993 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00

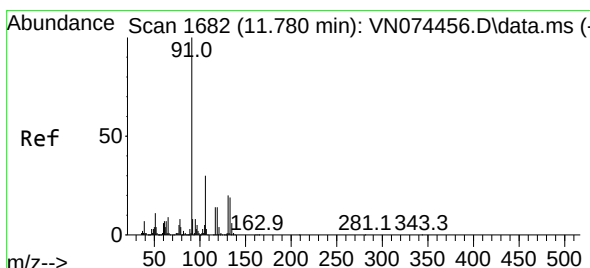
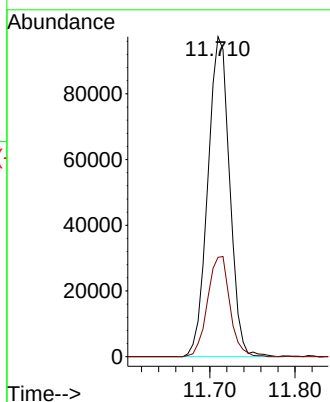
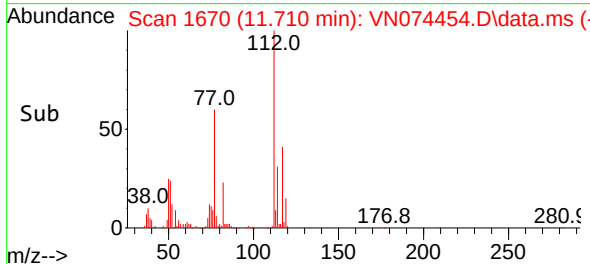
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



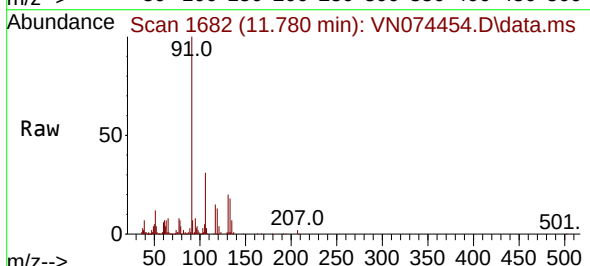
Tgt Ion:112 Resp: 173115
Ion Ratio Lower Upper
112 100
114 31.1 25.4 38.2

Manual Integrations
APPROVED

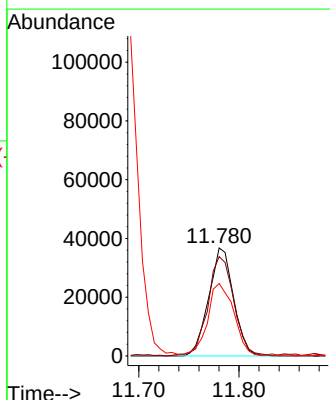
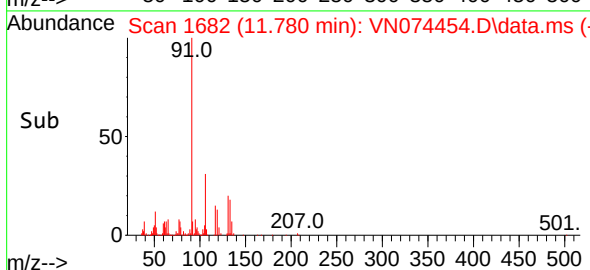
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

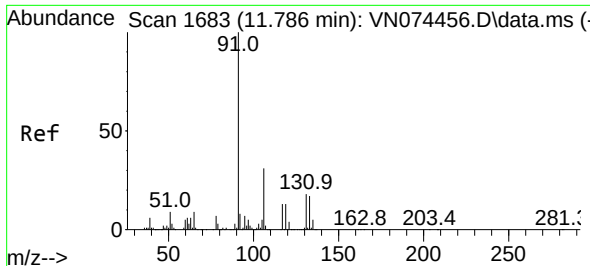


#66
1,1,1,2-Tetrachloroethane
Concen: 11.600 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00



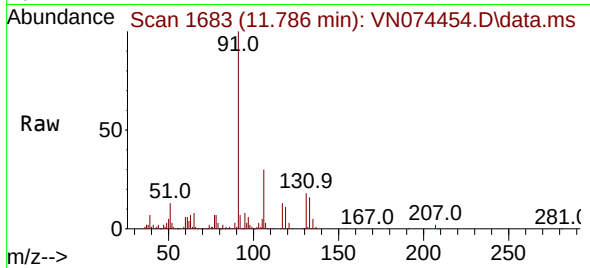
Tgt Ion:131 Resp: 63202
Ion Ratio Lower Upper
131 100
133 96.4 47.8 143.4
119 69.8 33.4 100.2





#67
Ethyl Benzene
Concen: 12.539 ug/l
RT: 11.786 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00

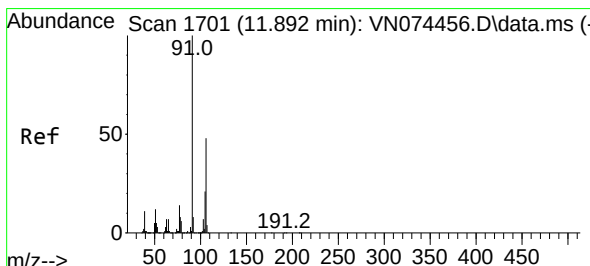
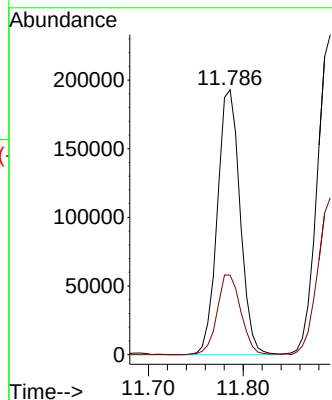
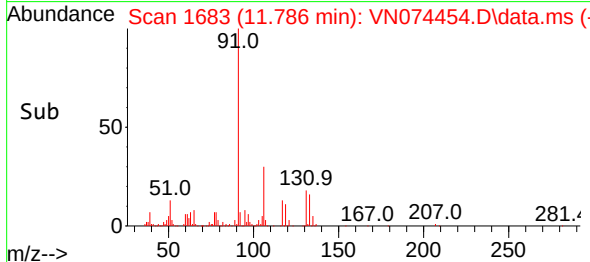
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



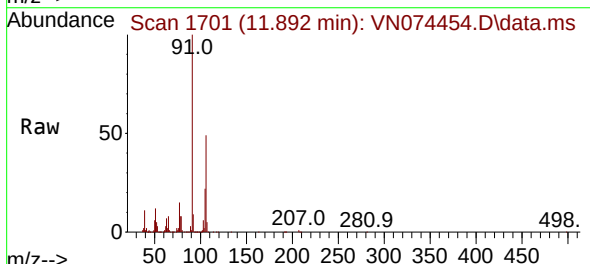
Tgt Ion: 91 Resp: 32203
Ion Ratio Lower Upper
91 100
106 30.0 24.9 37.3

Manual Integrations
APPROVED

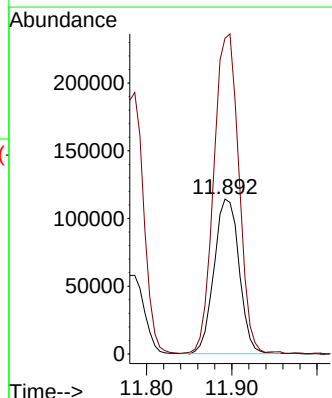
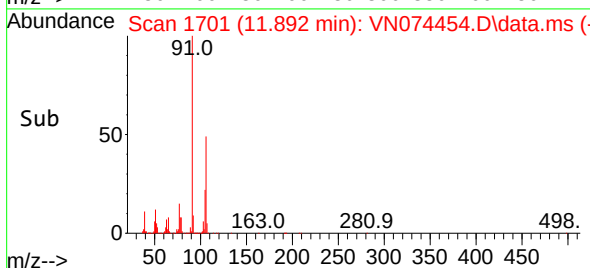
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

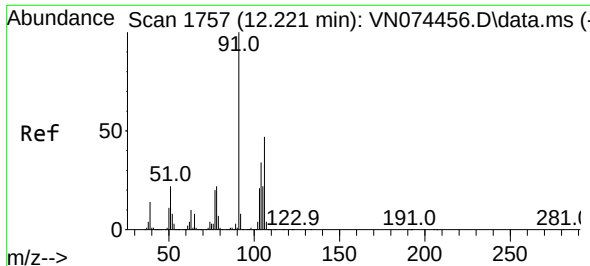


#68
m/p-Xylenes
Concen: 23.281 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00



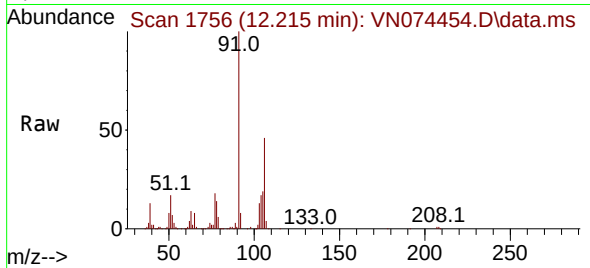
Tgt Ion:106 Resp: 233433
Ion Ratio Lower Upper
106 100
91 207.1 158.9 238.3





#69
o-Xylene
Concen: 11.536 ug/l
RT: 12.215 min Scan# 1756
Delta R.T. -0.006 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00

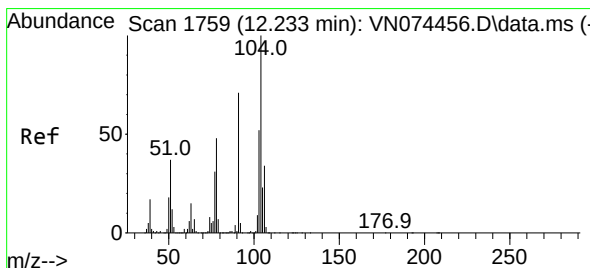
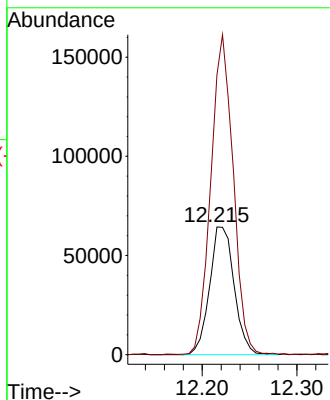
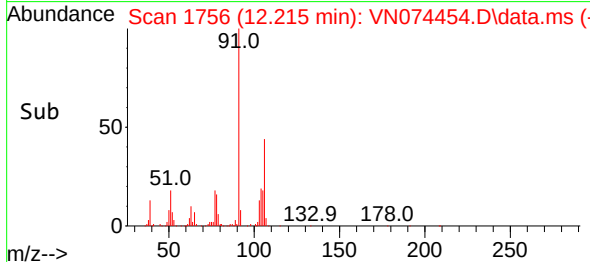
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:106 Resp: 11589
Ion Ratio Lower Upper
106 100
91 228.7 106.0 318.0

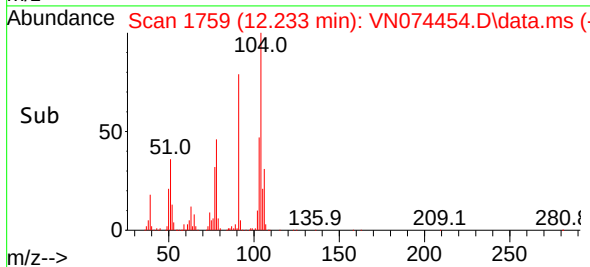
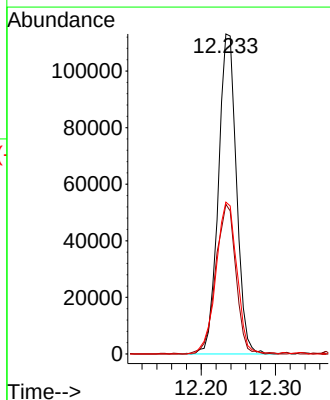
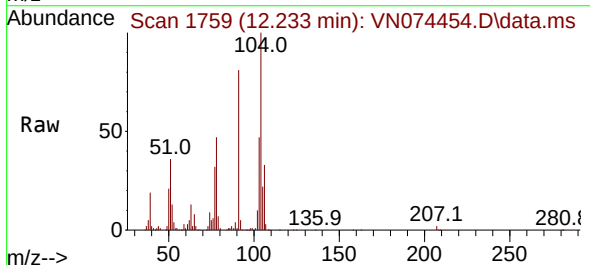
Manual Integrations
APPROVED

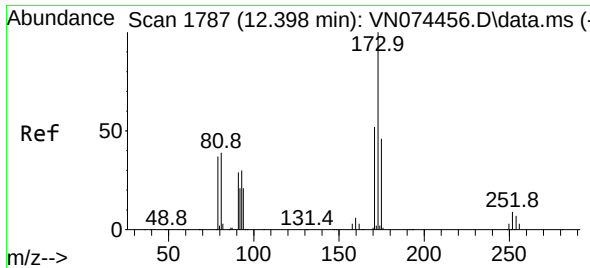
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#70
Styrene
Concen: 11.855 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00

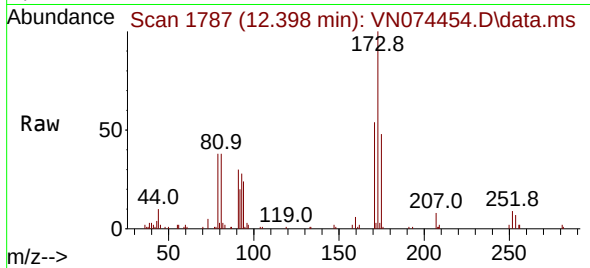
Tgt Ion:104 Resp: 191856
Ion Ratio Lower Upper
104 100
78 52.0 39.5 59.3
103 54.9 44.0 66.0





#71
Bromoform
Concen: 11.442 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00

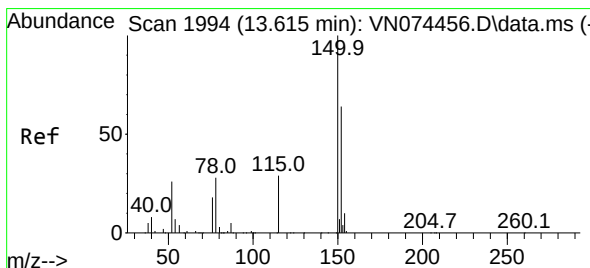
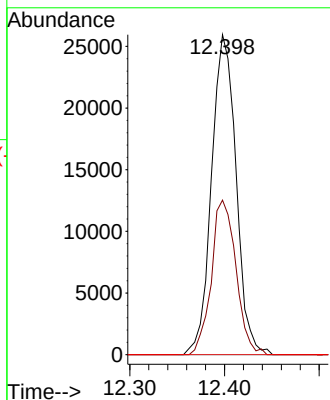
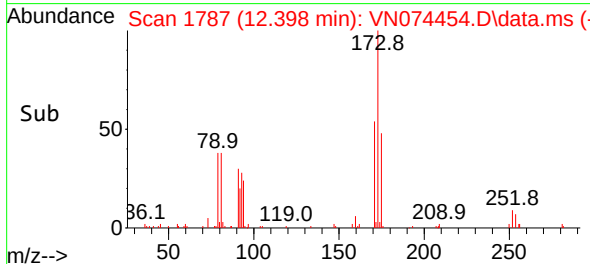
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



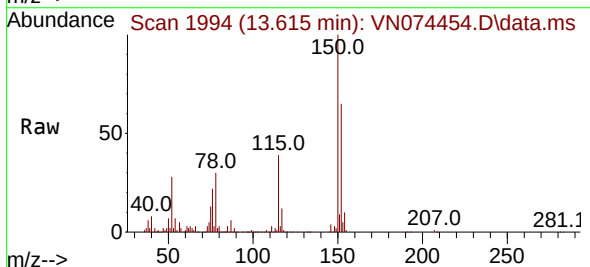
Tgt Ion:173 Resp: 46743
Ion Ratio Lower Upper
173 100
175 48.5 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

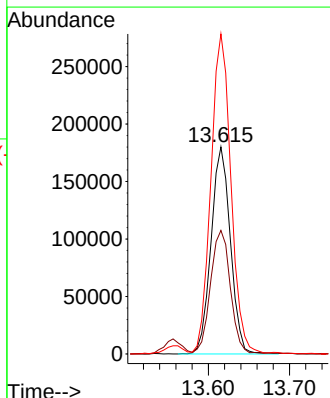
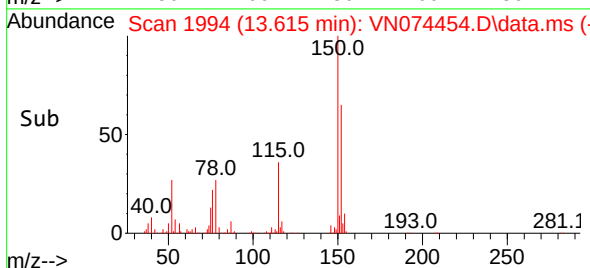
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

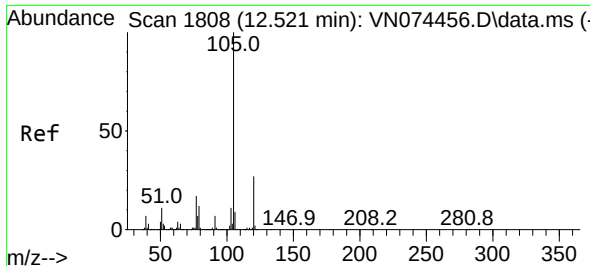


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00



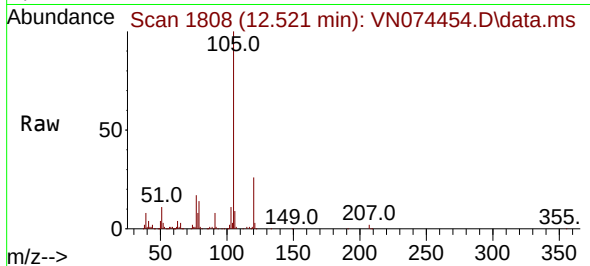
Tgt Ion:152 Resp: 298133
Ion Ratio Lower Upper
152 100
115 60.4 28.9 86.7
150 158.7 0.0 356.2





#73
Isopropylbenzene
Concen: 12.667 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00

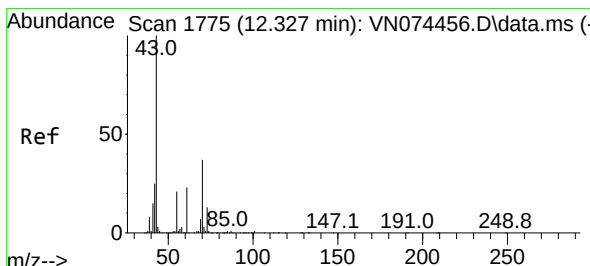
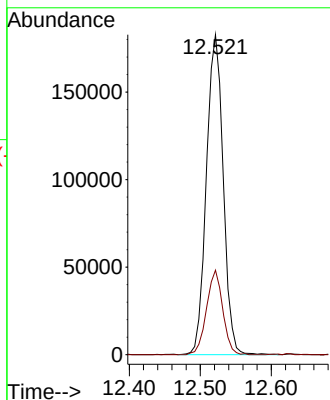
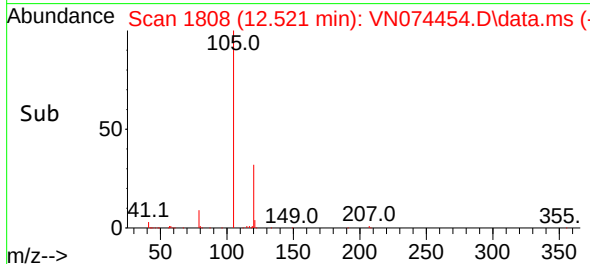
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



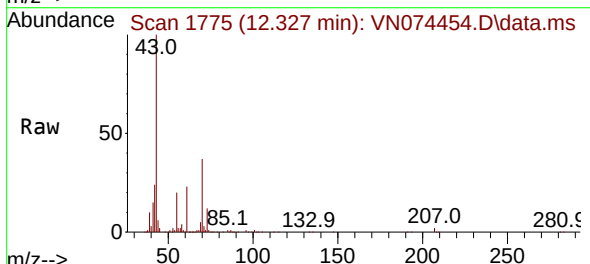
Tgt Ion:105 Resp: 30149
Ion Ratio Lower Upper
105 100
120 25.4 13.5 40.4

Manual Integrations
APPROVED

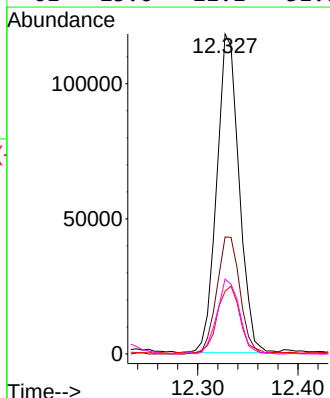
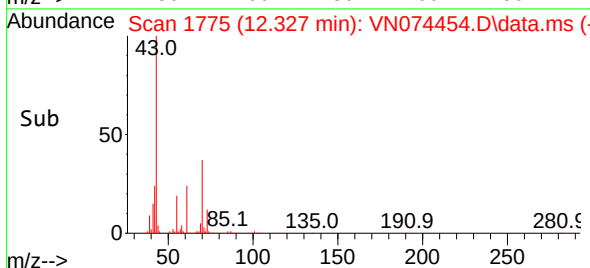
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

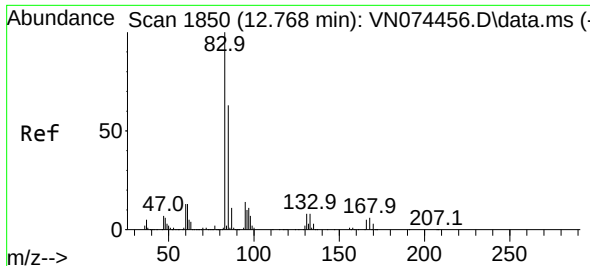


#74
N-ethyl acetate
Concen: 14.363 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00



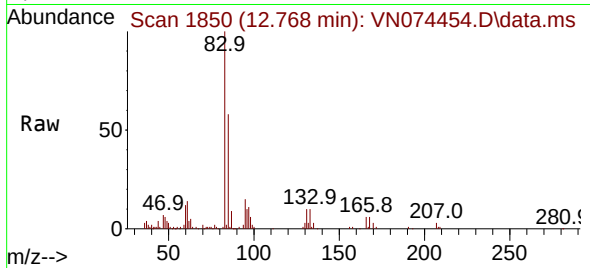
Tgt Ion: 43 Resp: 182539
Ion Ratio Lower Upper
43 100
70 38.1 39.0 58.4#
55 21.8 21.1 31.7
61 23.6 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 13.408 ug/l
RT: 12.768 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00

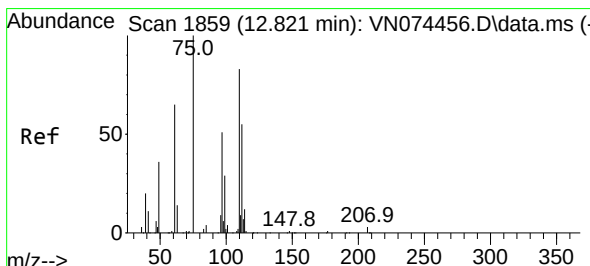
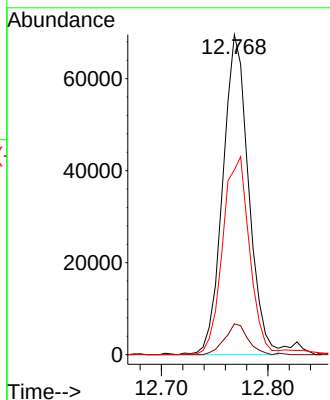
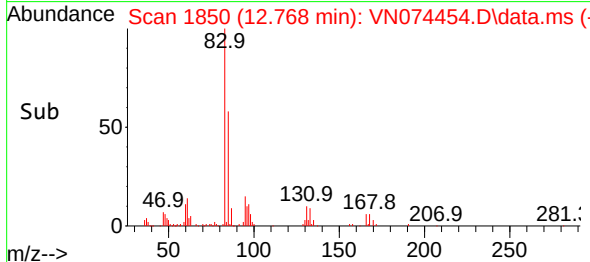
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 83 Resp: 11655
Ion Ratio Lower Upper
83 100
131 8.7 5.3 15.9
85 64.5 32.3 96.9

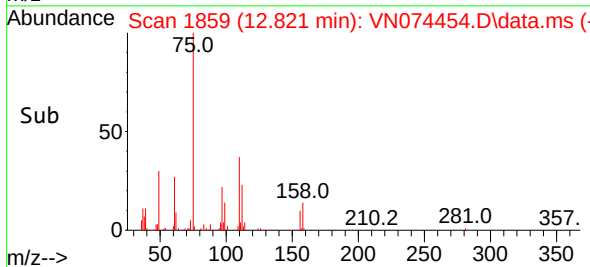
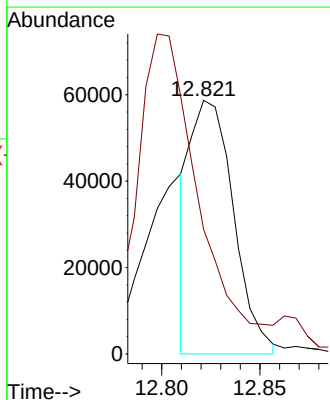
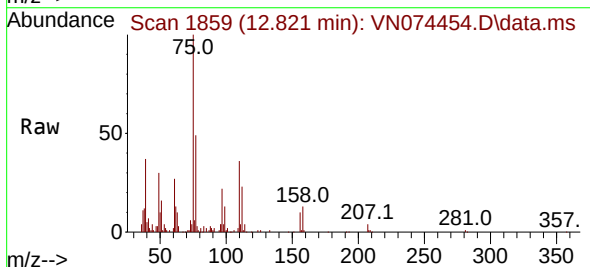
Manual Integrations
APPROVED

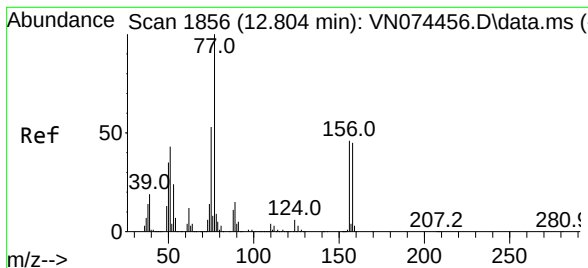
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#76
1,2,3-Trichloropropane
Concen: 12.030 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00

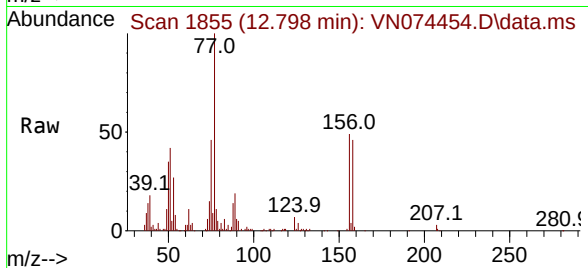
Tgt Ion: 75 Resp: 90005
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 11.264 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. -0.006 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00

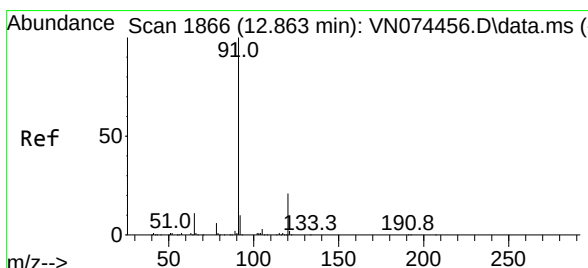
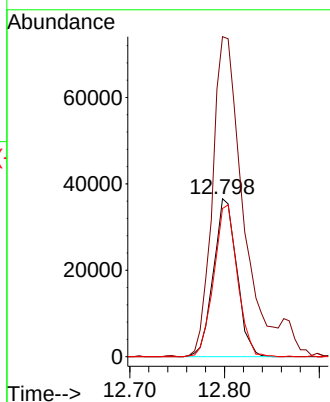
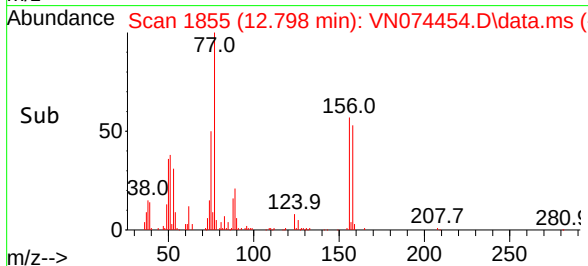
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



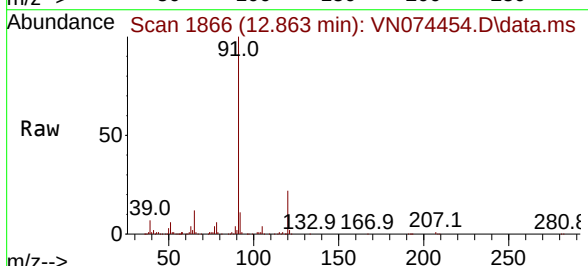
Tgt Ion:156 Resp: 62560
Ion Ratio Lower Upper
156 100
77 262.5 100.5 301.5
158 96.9 48.9 146.6

Manual Integrations
APPROVED

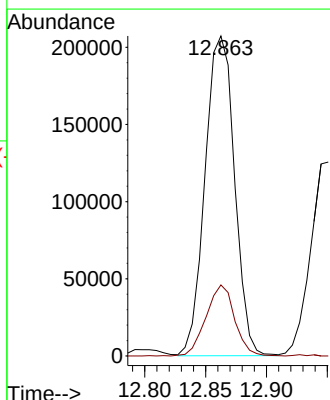
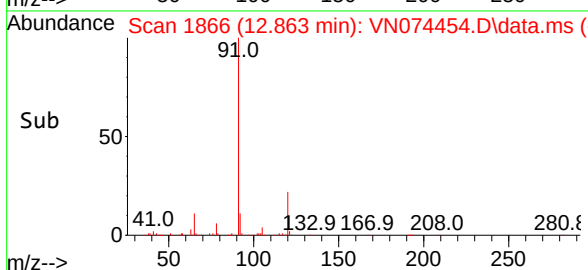
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

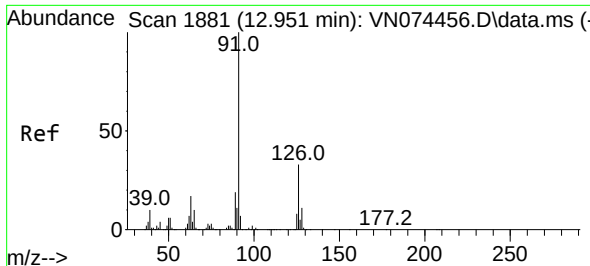


#78
n-propylbenzene
Concen: 13.141 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00



Tgt Ion: 91 Resp: 349466
Ion Ratio Lower Upper
91 100
120 21.5 11.9 35.5





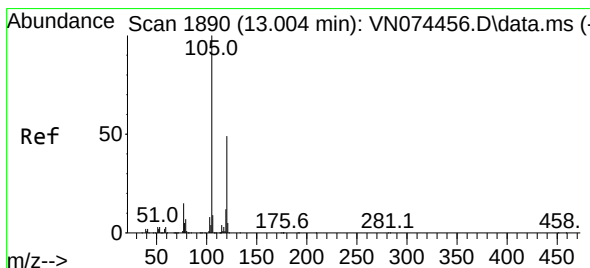
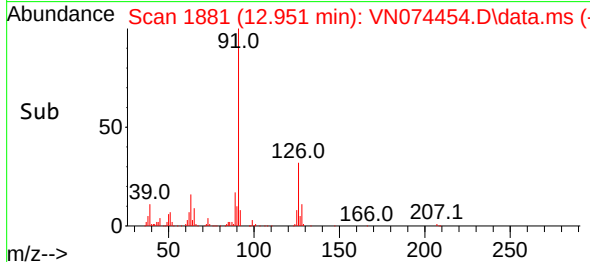
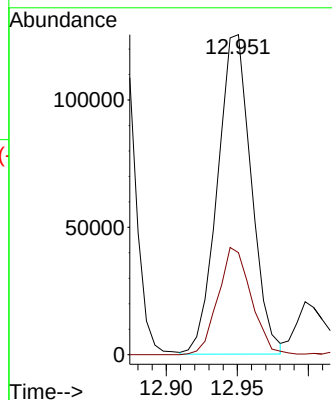
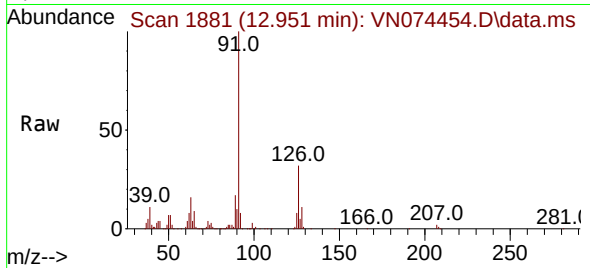
#79
2-Chlorotoluene
Concen: 12.245 ug/l
RT: 12.951 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 207819
Ion Ratio Lower Upper
91 100
126 32.9 17.3 51.9

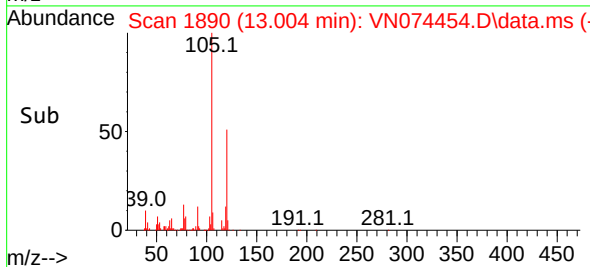
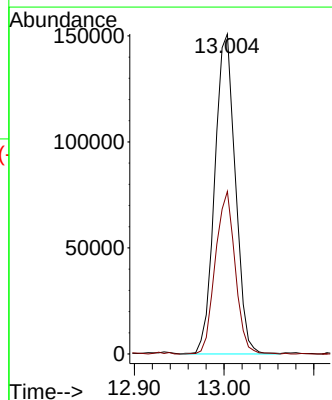
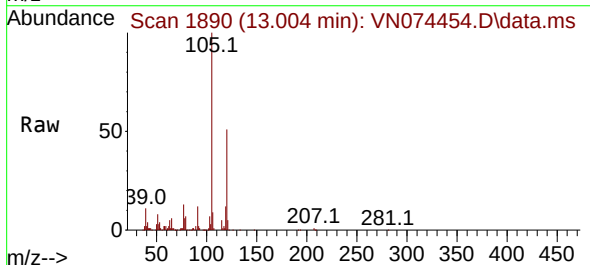
Manual Integrations
APPROVED

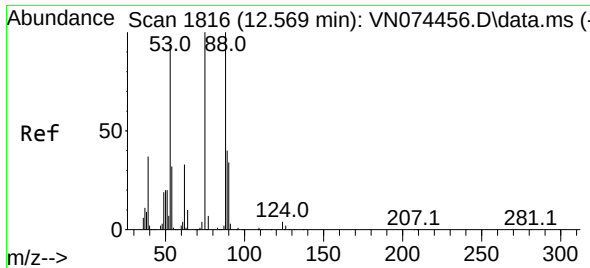
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#80
1,3,5-Trimethylbenzene
Concen: 12.316 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00

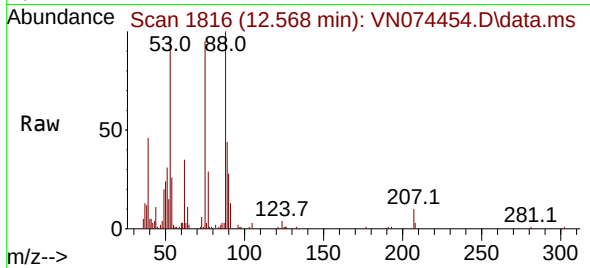
Tgt Ion:105 Resp: 240480
Ion Ratio Lower Upper
105 100
120 48.9 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 14.722 ug/l
RT: 12.568 min Scan# 1816
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00

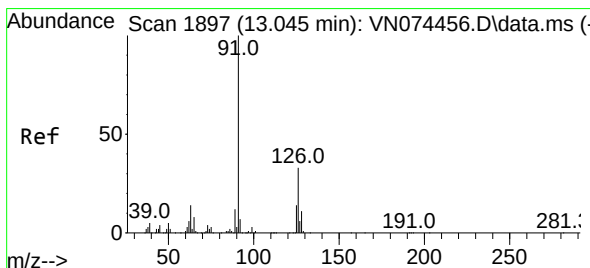
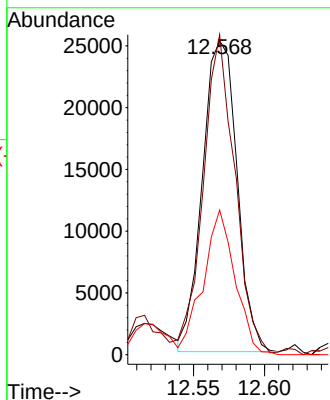
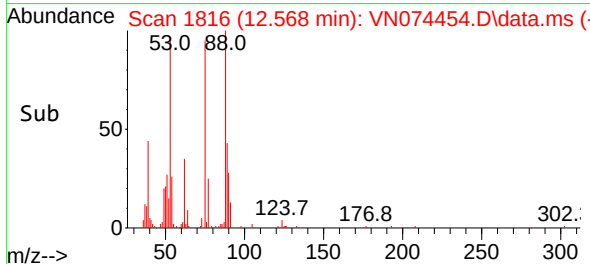
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



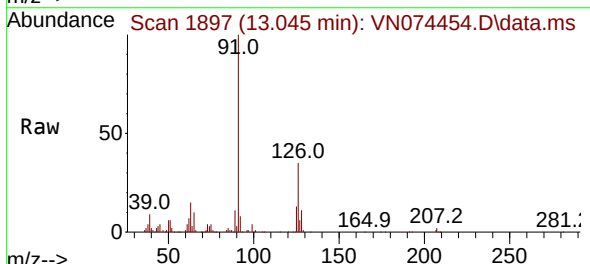
Tgt Ion: 75 Resp: 4253
Ion Ratio Lower Upper
75 100
53 93.7 78.0 117.0
89 43.2 37.2 55.8

Manual Integrations
APPROVED

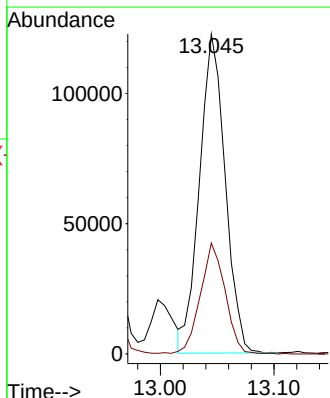
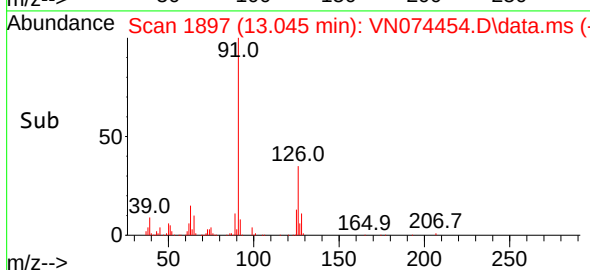
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

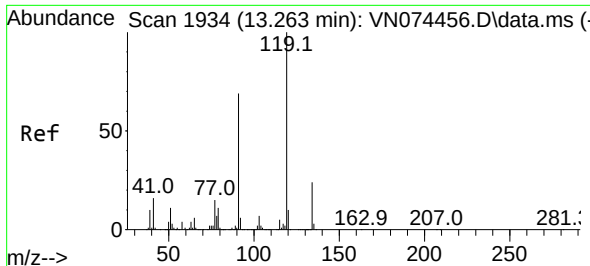


#82
4-Chlorotoluene
Concen: 11.991 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00



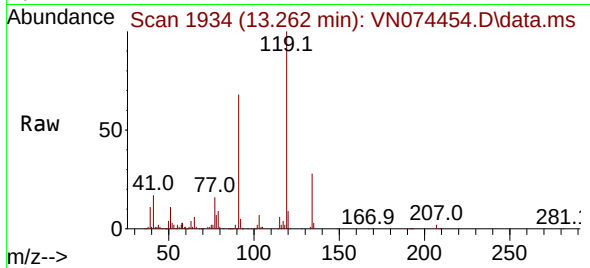
Tgt Ion: 91 Resp: 192347
Ion Ratio Lower Upper
91 100
126 33.7 17.2 51.6





#83
tert-Butylbenzene
Concen: 12.561 ug/l
RT: 13.262 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00

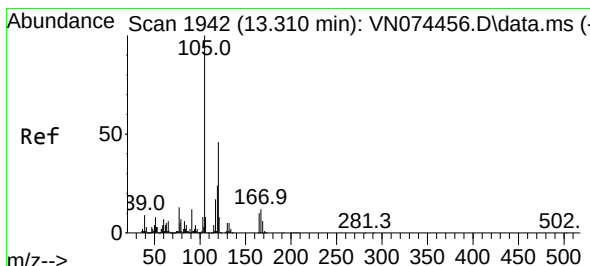
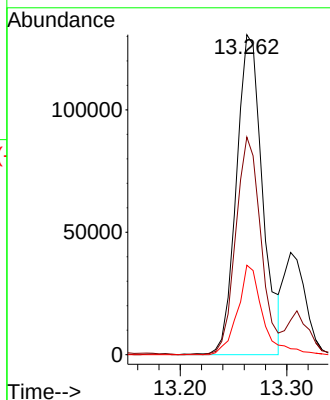
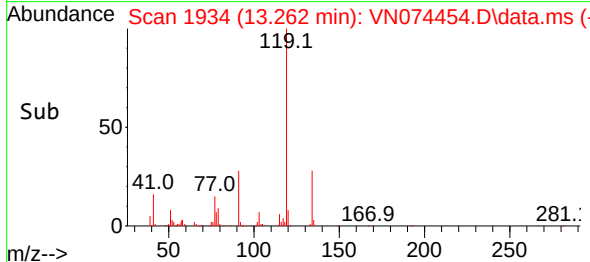
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



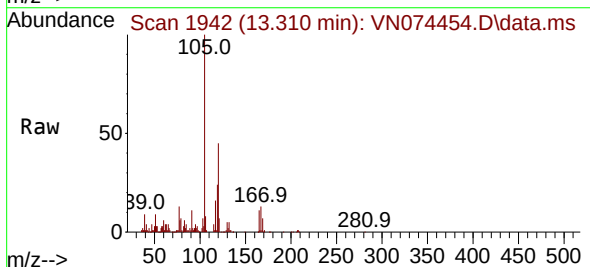
Tgt Ion:119 Resp: 22359
Ion Ratio Lower Upper
119 100
91 65.6 31.6 94.8
134 27.0 13.7 41.1

Manual Integrations
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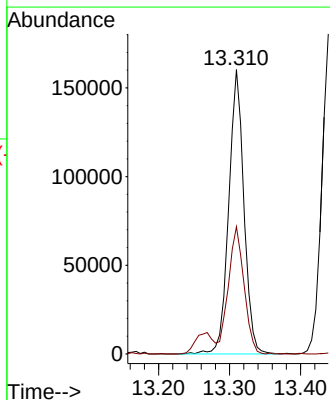
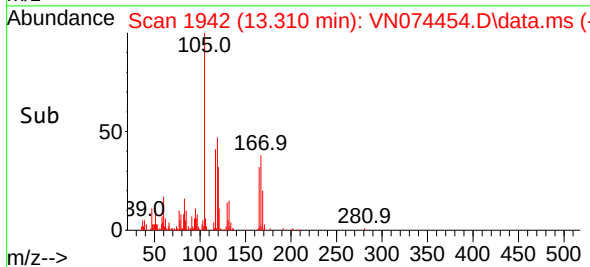
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

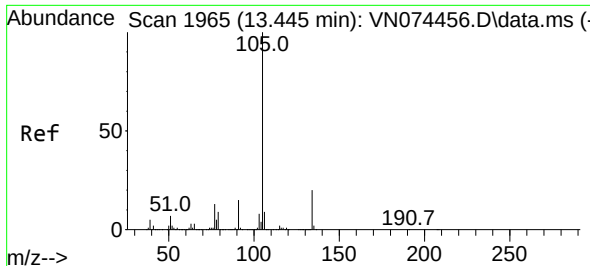


#84
1,2,4-Trimethylbenzene
Concen: 12.221 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00



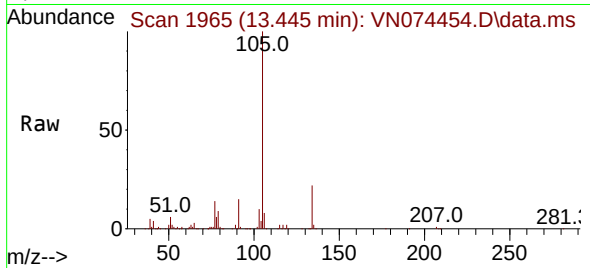
Tgt Ion:105 Resp: 237945
Ion Ratio Lower Upper
105 100
120 46.4 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 12.590 ug/l
 RT: 13.445 min Scan# 1965
 Delta R.T. -0.000 min
 Lab File: VN074454.D
 Acq: 15 Sep 2022 11:00

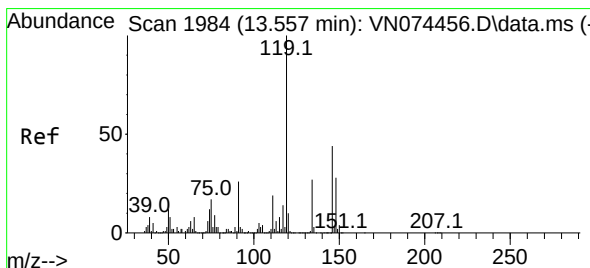
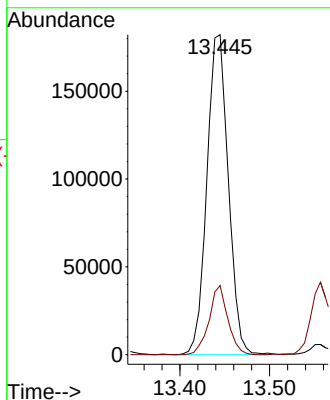
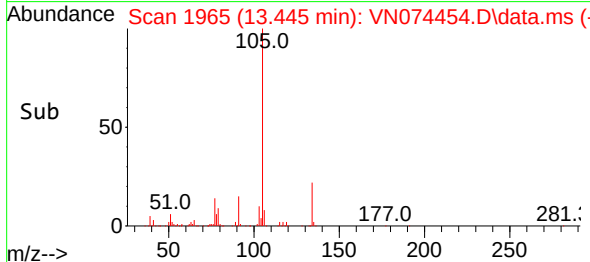
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



Tgt Ion:105 Resp: 30253
 Ion Ratio Lower Upper
 105 100
 134 18.9 10.4 31.1

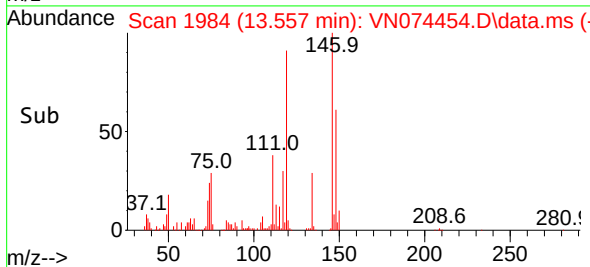
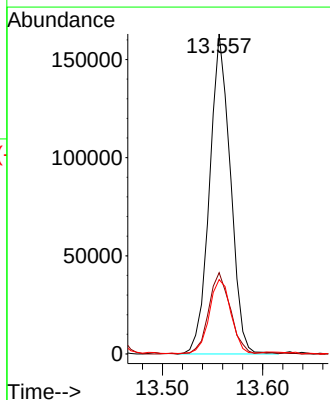
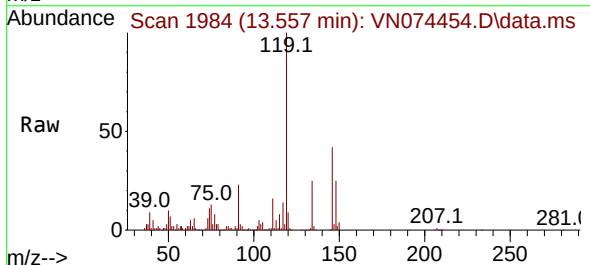
Manual Integrations
 APPROVED

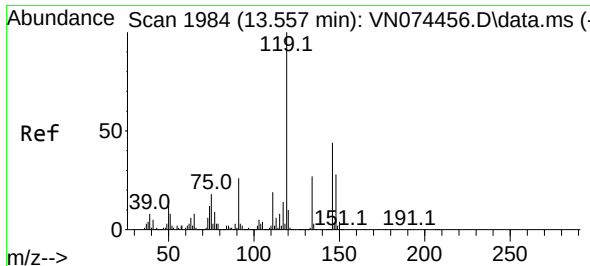
Reviewed By :John Carlone 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022



#86
 p-Isopropyltoluene
 Concen: 12.198 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN074454.D
 Acq: 15 Sep 2022 11:00

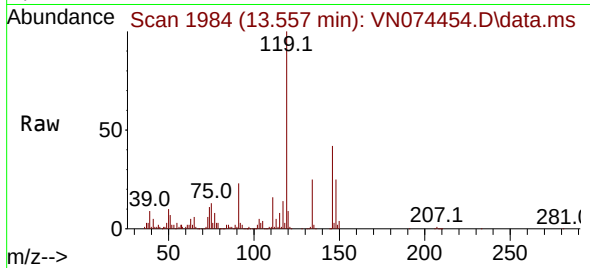
Tgt Ion:119 Resp: 235616
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.3 39.8
 91 24.0 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 11.158 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00

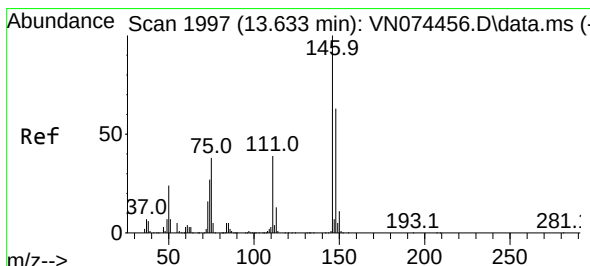
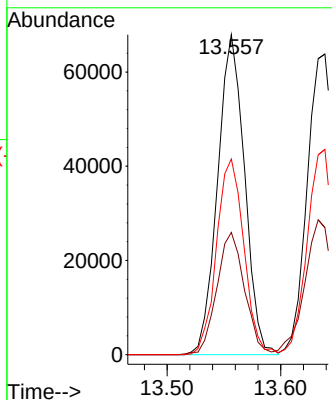
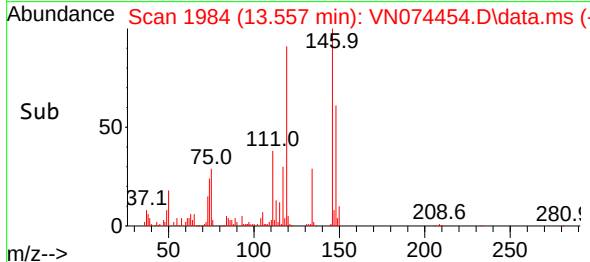
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



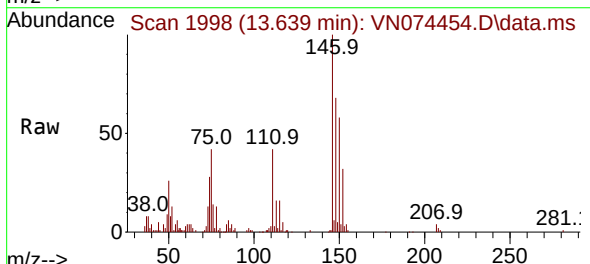
Tgt Ion:146 Resp: 11218
Ion Ratio Lower Upper
146 100
111 39.3 20.0 60.0
148 62.0 32.0 96.0

Manual Integrations
APPROVED

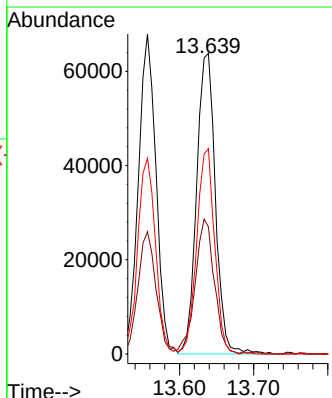
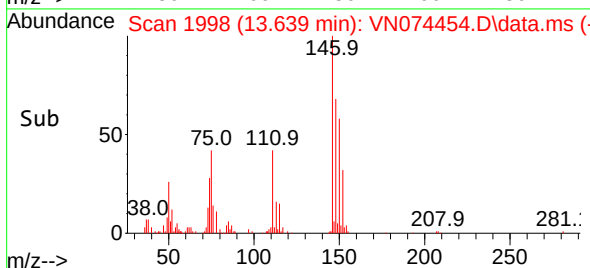
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

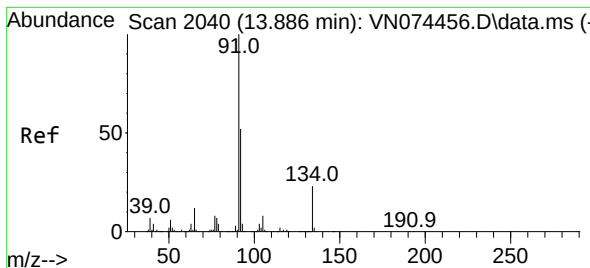


#88
1,4-Dichlorobenzene
Concen: 11.111 ug/l
RT: 13.639 min Scan# 1998
Delta R.T. 0.006 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00



Tgt Ion:146 Resp: 112368
Ion Ratio Lower Upper
146 100
111 46.0 19.1 57.1
148 64.4 31.4 94.3





#89

n-Butylbenzene

Concen: 12.053 ug/l

RT: 13.880 min Scan# 2040

Delta R.T. -0.006 min

Lab File: VN074454.D

Acq: 15 Sep 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

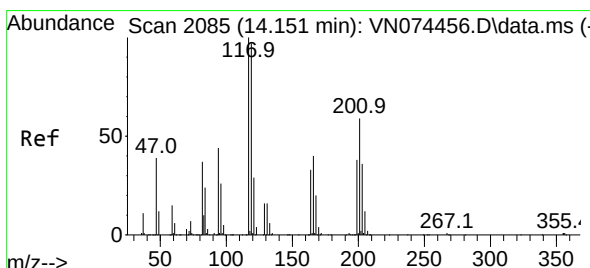
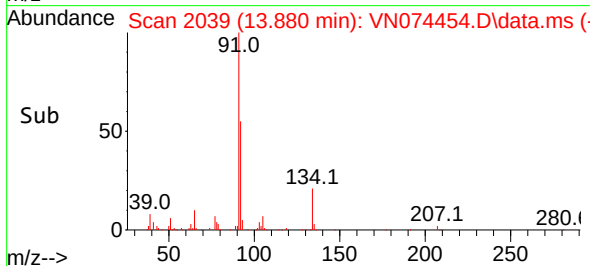
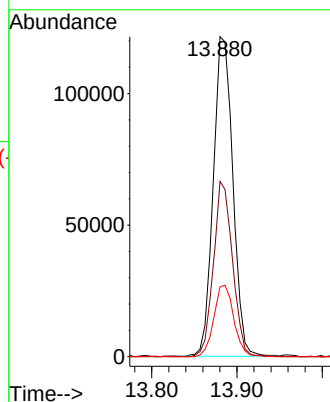
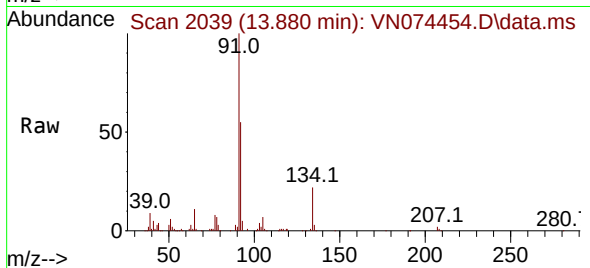
Tgt Ion:	91	Resp:	193792
Ion Ratio	Lower	Upper	
91	100		
92	53.5	26.9	80.7
134	22.8	13.6	40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#90

Hexachloroethane

Concen: 13.831 ug/l

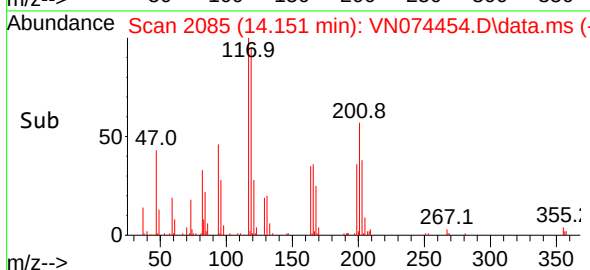
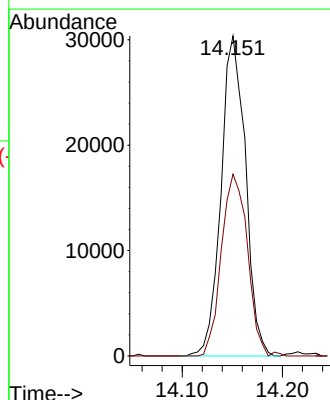
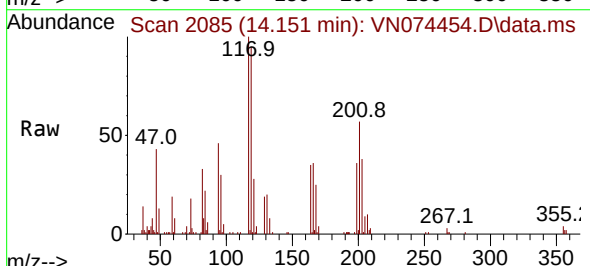
RT: 14.151 min Scan# 2085

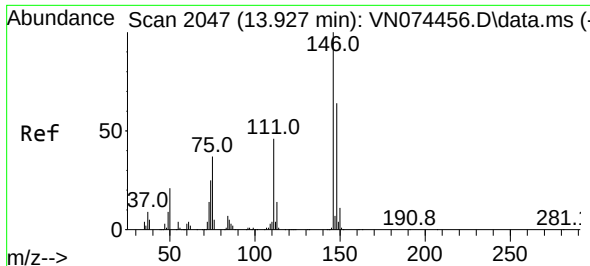
Delta R.T. -0.000 min

Lab File: VN074454.D

Acq: 15 Sep 2022 11:00

Tgt Ion:	117	Resp:	51350
Ion Ratio	Lower	Upper	
117	100		
201	60.6	40.6	122.0





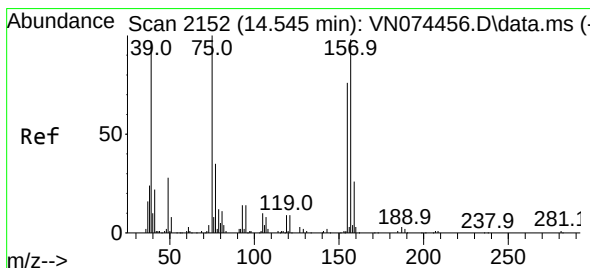
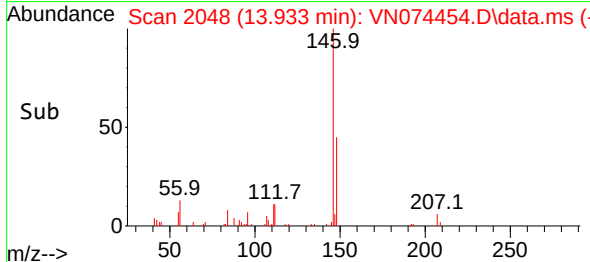
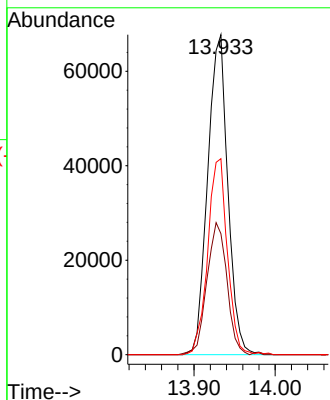
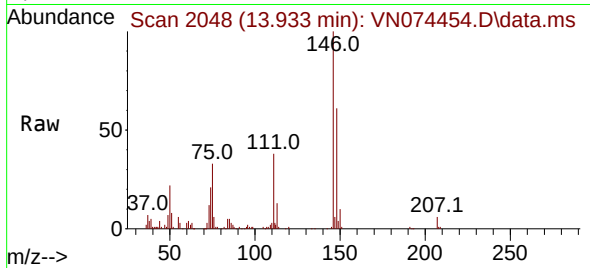
#91
1,2-Dichlorobenzene
Concen: 11.214 ug/l
RT: 13.933 min Scan# 2048
Delta R.T. 0.006 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 11687
Ion Ratio Lower Upper
146 100
111 41.0 20.9 62.8
148 59.9 32.1 96.3

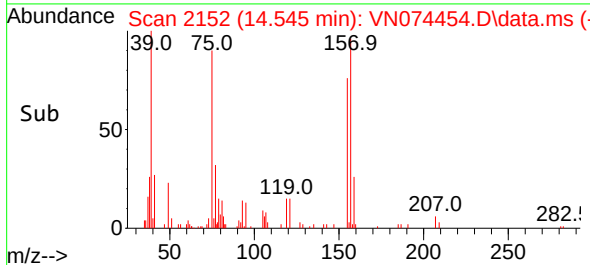
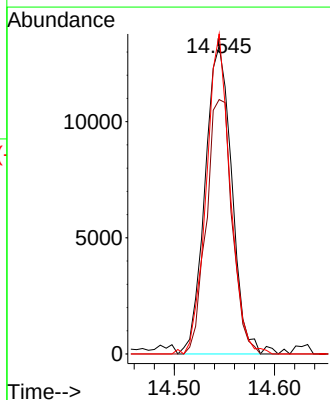
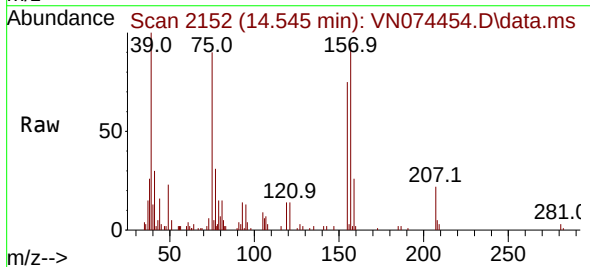
Manual Integrations
APPROVED

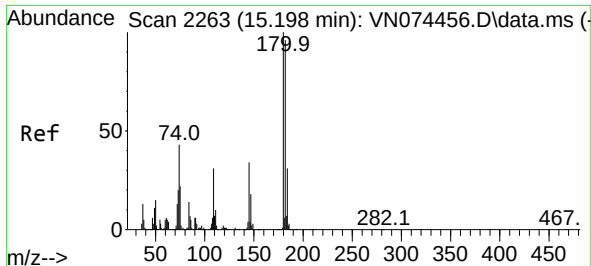
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 10.808 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00

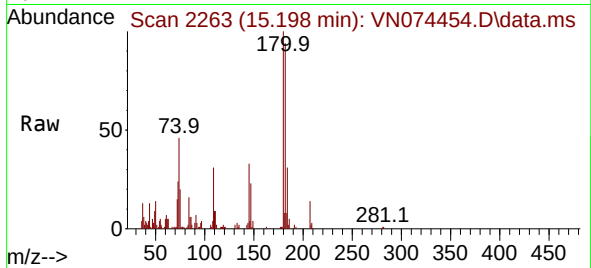
Tgt Ion: 75 Resp: 24701
Ion Ratio Lower Upper
75 100
155 79.4 44.9 134.5
157 92.2 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 9.026 ug/l
RT: 15.198 min Scan# 2263
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00

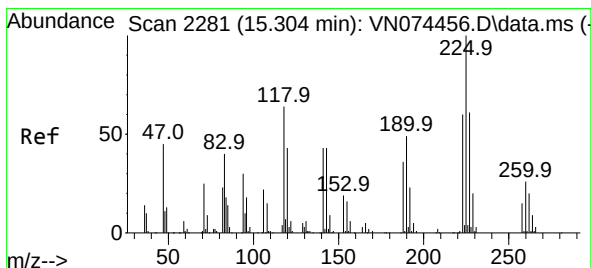
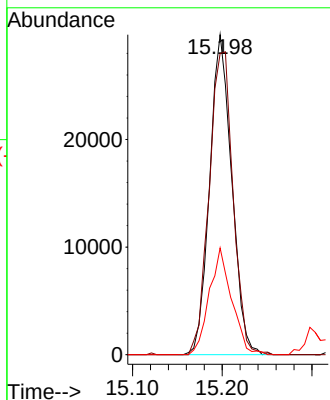
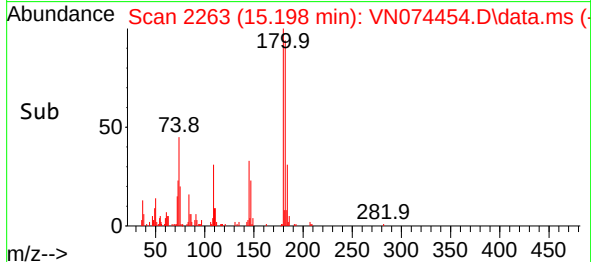
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:180 Resp: 50834
Ion Ratio Lower Upper
180 100
182 102.3 47.5 142.5
145 33.9 14.5 43.5

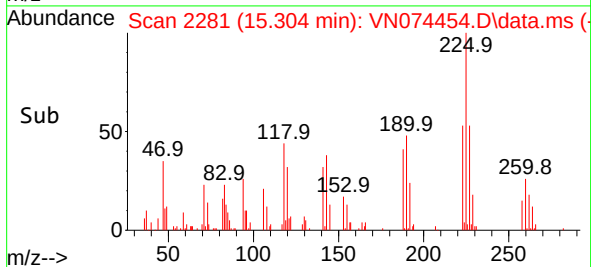
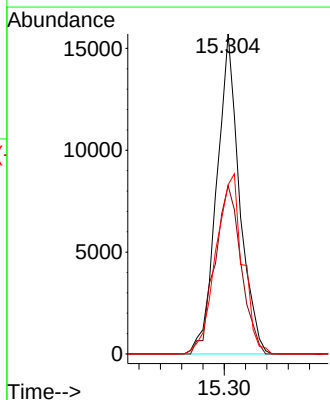
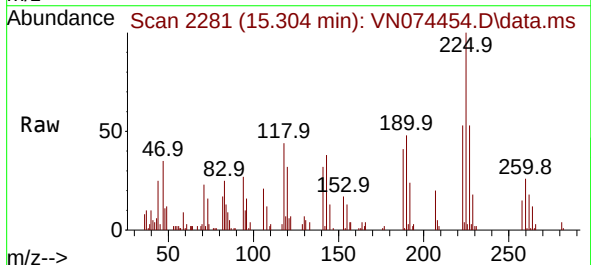
Manual Integrations
APPROVED

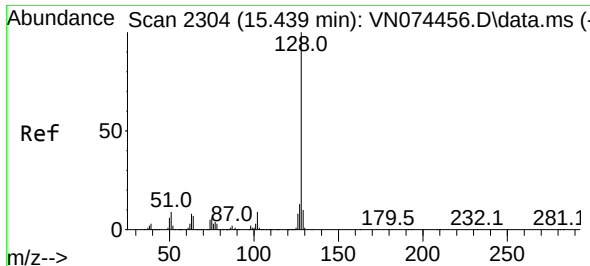
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#94
Hexachlorobutadiene
Concen: 9.576 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00

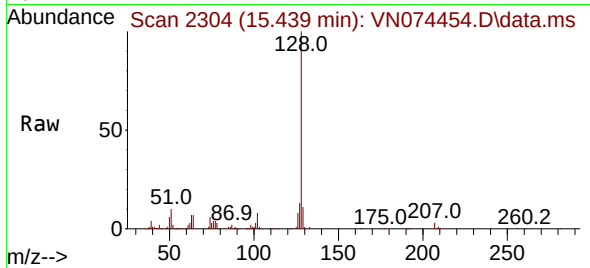
Tgt Ion:225 Resp: 23361
Ion Ratio Lower Upper
225 100
223 60.9 32.4 97.2
227 66.3 31.8 95.4





#95
Naphthalene
Concen: 9.531 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00

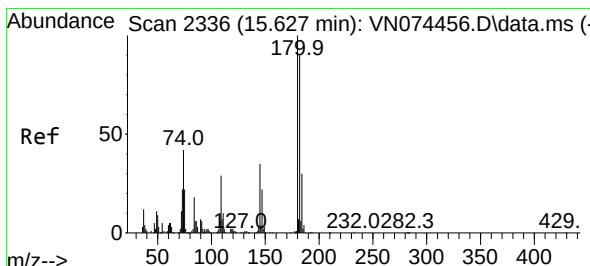
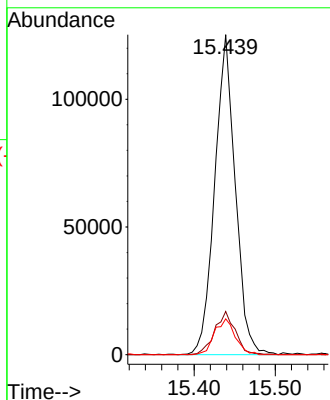
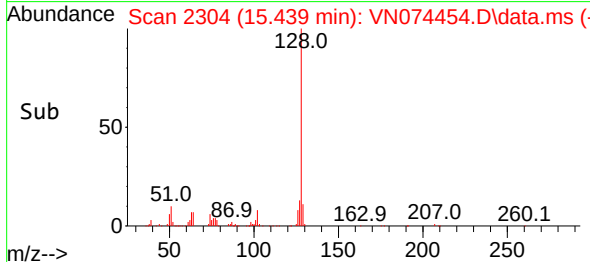
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:128 Resp: 220718
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 11.3 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#96
1,2,3-Trichlorobenzene
Concen: 8.927 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VN074454.D
Acq: 15 Sep 2022 11:00

Tgt Ion:180 Resp: 53875
Ion Ratio Lower Upper
180 100
182 89.0 47.8 143.3
145 33.8 15.5 46.5

