

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041723\
 Data File : VN077354.D
 Acq On : 17 Apr 2023 13:42
 Operator : JC\MD
 Sample : VN0417WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0417WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/18/2023
 Supervised By : Mahesh Dadoda 04/18/2023

Quant Time: Apr 18 04:40:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	498309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	940693	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	851530	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	362268	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	373253	54.805	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.600%			
35) Dibromofluoromethane	8.172	113	336561	55.888	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.780%			
50) Toluene-d8	10.566	98	1345592	55.505	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.020%			
62) 4-Bromofluorobenzene	12.854	95	457129	56.696	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.131	85	131734	20.712	ug/l	100
3) Chloromethane	2.372	50	127764	16.210	ug/l	89
4) Vinyl Chloride	2.525	62	177968	16.654	ug/l	94
5) Bromomethane	2.960	94	142376	18.378	ug/l	91
6) Chloroethane	3.125	64	123487	16.192	ug/l	95
7) Trichlorofluoromethane	3.507	101	209169	22.574	ug/l	100
8) Diethyl Ether	3.972	74	78081	20.109	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.372	101	124366	21.931	ug/l	98
10) Methyl Iodide	4.601	142	149219	21.637	ug/l #	89
11) Tert butyl alcohol	5.519	59	106356	76.532	ug/l	97
12) 1,1-Dichloroethene	4.348	96	117303	20.095	ug/l	89
13) Acrolein	4.190	56	102526	77.896	ug/l	94
14) Allyl chloride	5.037	41	151955	17.236	ug/l	95
15) Acrylonitrile	5.731	53	270132	87.925	ug/l	99
16) Acetone	4.437	43	231467	92.178	ug/l	98
17) Carbon Disulfide	4.719	76	291554	18.522	ug/l	99
18) Methyl Acetate	5.031	43	169425	17.716	ug/l	96
19) Methyl tert-butyl Ether	5.801	73	419115	20.235	ug/l	98
20) Methylene Chloride	5.290	84	141692	19.980	ug/l	96
21) trans-1,2-Dichloroethene	5.790	96	133018	20.812	ug/l	93
22) Diisopropyl ether	6.684	45	337111	19.072	ug/l #	96
23) Vinyl Acetate	6.607	43	1239859m	103.744	ug/l	
24) 1,1-Dichloroethane	6.572	63	225810	19.784	ug/l	98
25) 2-Butanone	7.489	43	346752	85.084	ug/l	95
26) 2,2-Dichloropropane	7.501	77	227880	21.773	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	166541	21.338	ug/l	93
28) Bromochloromethane	7.819	49	107576	23.431	ug/l	88
29) Tetrahydrofuran	7.848	42	205749	78.537	ug/l	92
30) Chloroform	7.972	83	252884	20.777	ug/l	100
31) Cyclohexane	8.260	56	198484	18.755	ug/l	93
32) 1,1,1-Trichloroethane	8.172	97	234828	21.214	ug/l	94
36) 1,1-Dichloropropene	8.378	75	189481	21.274	ug/l	99
37) Ethyl Acetate	7.566	43	146153	18.341	ug/l	99
38) Carbon Tetrachloride	8.366	117	204022	22.358	ug/l	93
39) Methylcyclohexane	9.607	83	254041	21.153	ug/l	96
40) Benzene	8.613	78	569574	20.502	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	76025	17.749	ug/l	99
42) 1,2-Dichloroethane	8.672	62	184620	21.593	ug/l	99
43) Isopropyl Acetate	8.689	43	251798	17.124	ug/l	95
44) Trichloroethene	9.354	130	146085	21.977	ug/l	95
45) 1,2-Dichloropropane	9.625	63	139289	21.111	ug/l	96
46) Dibromomethane	9.713	93	102974	20.715	ug/l	95
47) Bromodichloromethane	9.889	83	211093	21.245	ug/l	99
48) Methyl methacrylate	9.683	41	111651	17.799	ug/l	98
49) 1,4-Dioxane	9.695	88	57971	381.189	ug/l #	89
51) 4-Methyl-2-Pentanone	10.448	43	751340	88.399	ug/l	98
52) Toluene	10.630	92	386723	21.267	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	225560	20.906	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	245491	21.361	ug/l	97
55) 1,1,2-Trichloroethane	11.019	97	149074	20.885	ug/l	96
56) Ethyl methacrylate	10.877	69	219044	19.702	ug/l	95
57) 1,3-Dichloropropane	11.166	76	244068	20.697	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.160	63	385083	116.354	ug/l	96
59) 2-Hexanone	11.195	43	560845	88.572	ug/l	100
60) Dibromochloromethane	11.360	129	162890	22.157	ug/l	99
61) 1,2-Dibromoethane	11.471	107	154651	21.707	ug/l	99
64) Tetrachloroethene	11.107	164	118148	22.460	ug/l	95
65) Chlorobenzene	11.895	112	409294	21.832	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.966	131	152911	21.557	ug/l	99
67) Ethyl Benzene	11.966	91	744175	21.511	ug/l	96
68) m/p-Xylenes	12.071	106	582817	42.876	ug/l	100
69) o-Xylene	12.401	106	285900	21.320	ug/l	97
70) Styrene	12.413	104	464820	21.540	ug/l	99
71) Bromoform	12.583	173	102205	20.468	ug/l #	95
73) Isopropylbenzene	12.695	105	753802	21.423	ug/l	100
74) N-amyl acetate	12.495	43	223597	16.768	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.942	83	219640	19.891	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	185568m	21.511	ug/l	
77) Bromobenzene	12.983	156	157319	21.988	ug/l	91
78) n-propylbenzene	13.042	91	841595	21.647	ug/l	99
79) 2-Chlorotoluene	13.130	91	490661	20.959	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	598880	21.309	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	65461	17.076	ug/l	97
82) 4-Chlorotoluene	13.224	91	476963	21.609	ug/l	100
83) tert-Butylbenzene	13.442	119	536829	21.460	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	596904	21.499	ug/l	98
85) sec-Butylbenzene	13.618	105	762199	21.863	ug/l	100
86) p-Isopropyltoluene	13.736	119	617409	22.534	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	290122	21.919	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	292601	22.416	ug/l	99
89) n-Butylbenzene	14.060	91	493579	21.700	ug/l	99
90) Hexachloroethane	14.336	117	123546	20.623	ug/l	98
91) 1,2-Dichlorobenzene	14.113	146	289446	21.859	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	38859	18.569	ug/l	98
93) 1,2,4-Trichlorobenzene	15.365	180	80408	16.821	ug/l	97
94) Hexachlorobutadiene	15.465	225	59044	21.339	ug/l	99
95) Naphthalene	15.589	128	298481	16.622	ug/l	98
96) 1,2,3-Trichlorobenzene	15.754	180	78759	17.226	ug/l	97

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Misc : 5.0mL/MSVOA_N/WATER
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MSVOA_N
ClientSampleId :
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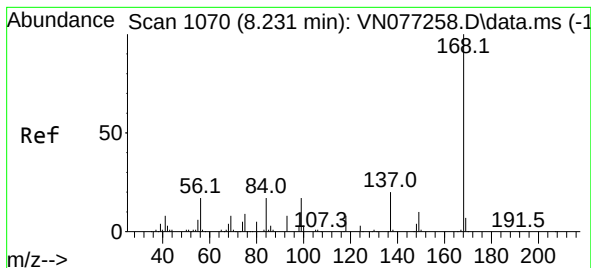
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Thu Apr 06 08:27:03 2023
Response via : Initial Calibration

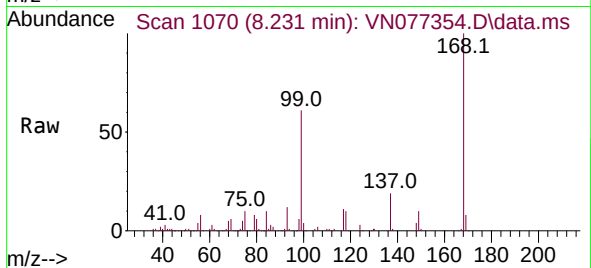
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
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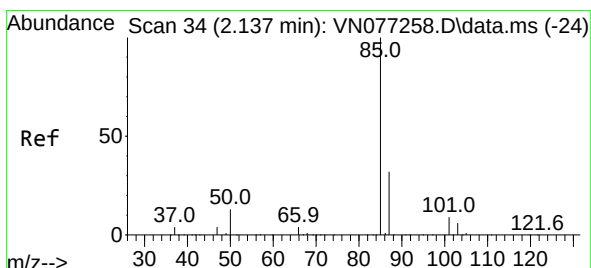
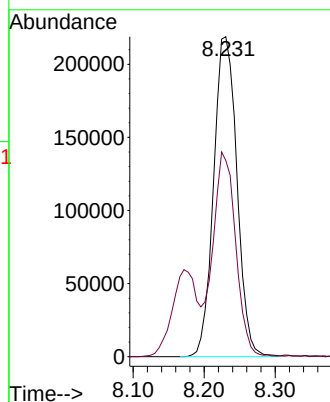
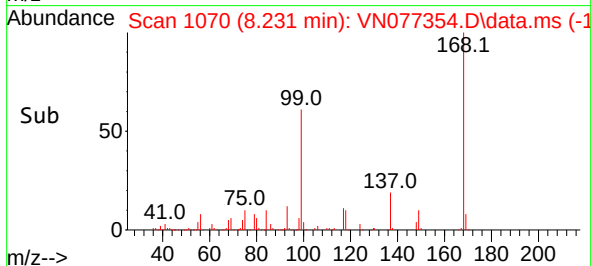
Instrument :
MSVOA_N
ClientSampleId :
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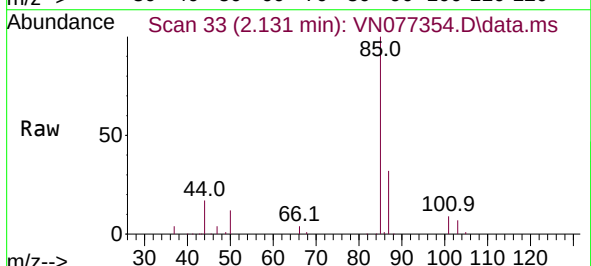
Tgt Ion:168 Resp: 498309
Ion Ratio Lower Upper
168 100
99 61.0 50.6 75.8

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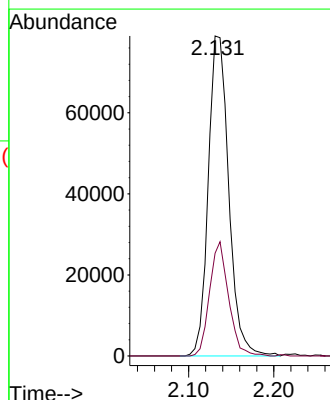
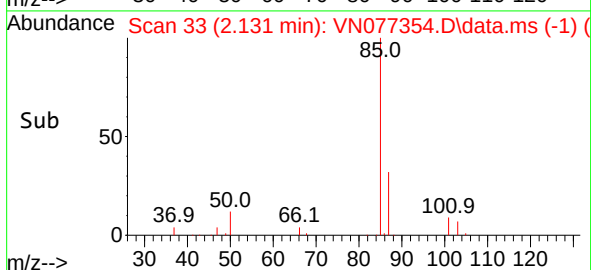
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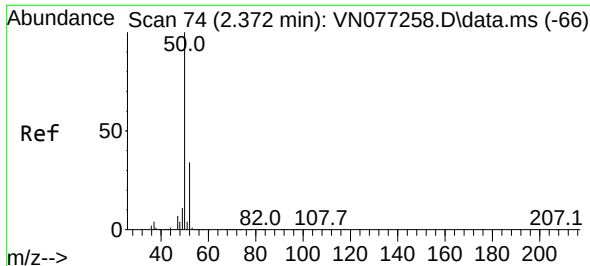


#2
Dichlorodifluoromethane
Concen: 20.712 ug/l
RT: 2.131 min Scan# 33
Delta R.T. -0.006 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42



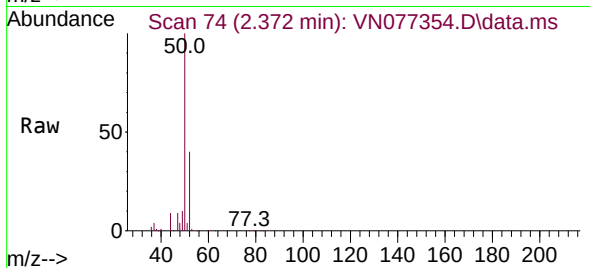
Tgt Ion: 85 Resp: 131734
Ion Ratio Lower Upper
85 100
87 32.1 16.1 48.2





#3
Chloromethane
Concen: 16.210 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

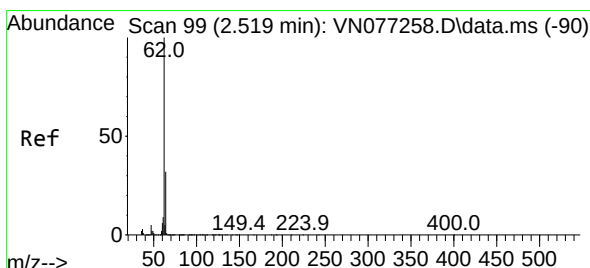
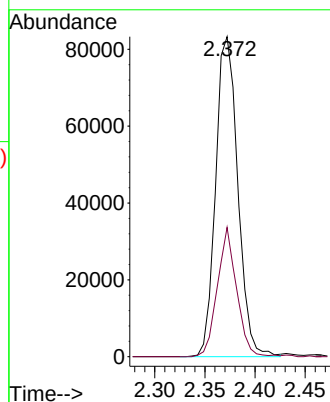
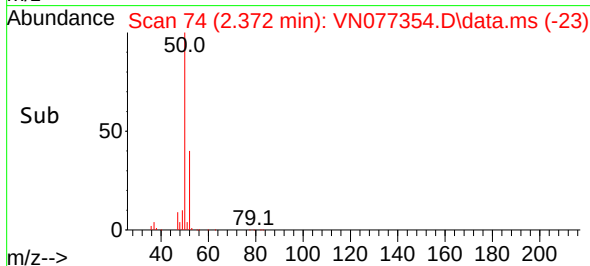
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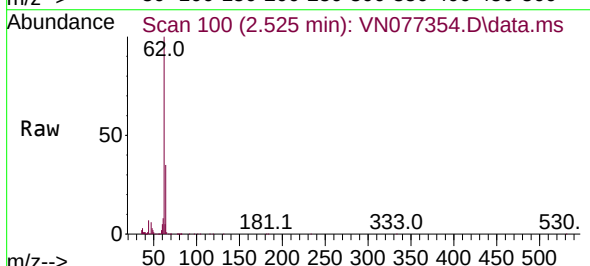
Tgt Ion: 50 Resp: 127764
Ion Ratio Lower Upper
50 100
52 40.4 27.3 40.9

Manual Integrations
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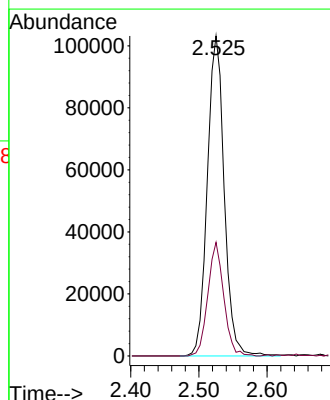
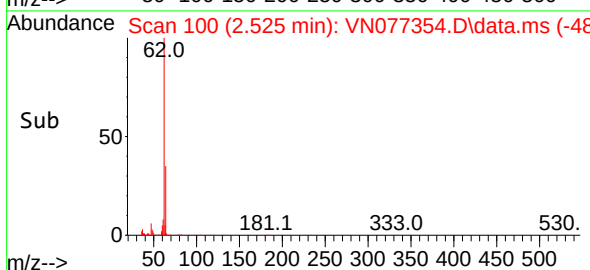
Reviewed By :John Carlone 04/18/2023
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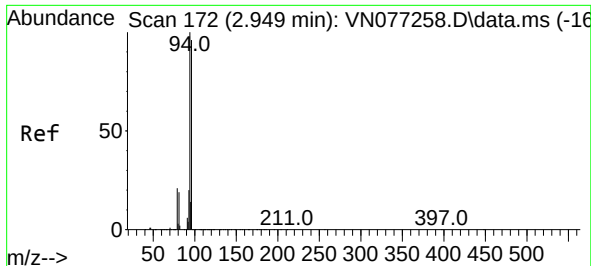


#4
Vinyl Chloride
Concen: 16.654 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42



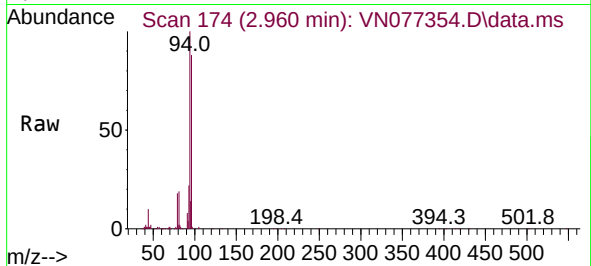
Tgt Ion: 62 Resp: 177968
Ion Ratio Lower Upper
62 100
64 35.5 25.8 38.8





#5
Bromomethane
Concen: 18.378 ug/l
RT: 2.960 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

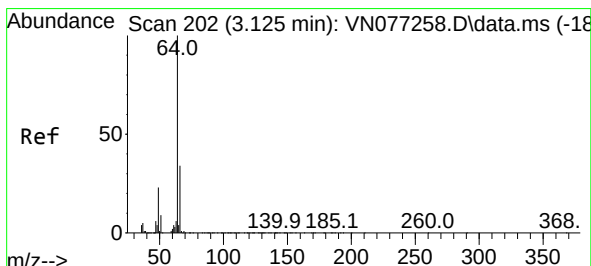
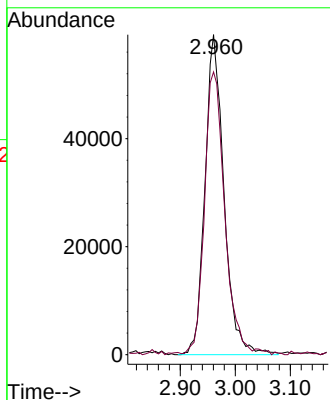
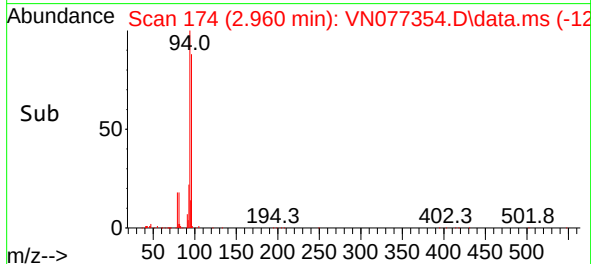
Instrument :
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Tgt Ion: 94 Resp: 142370
Ion Ratio Lower Upper
94 100
96 87.9 77.0 115.4

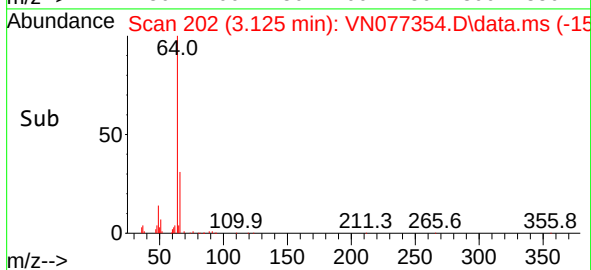
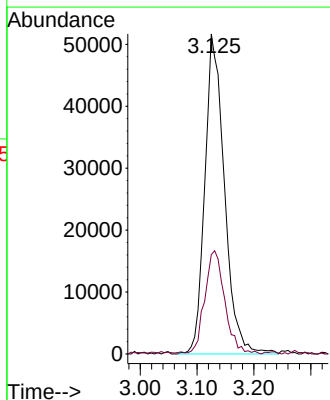
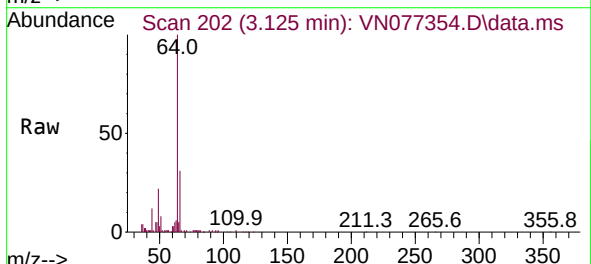
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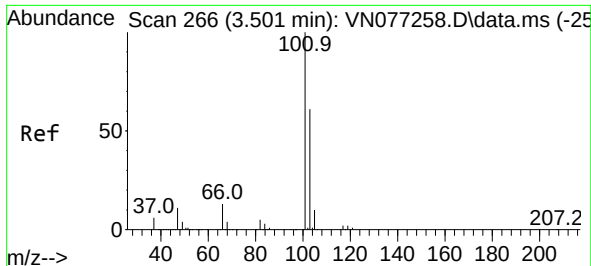
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#6
Chloroethane
Concen: 16.192 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN077354.D
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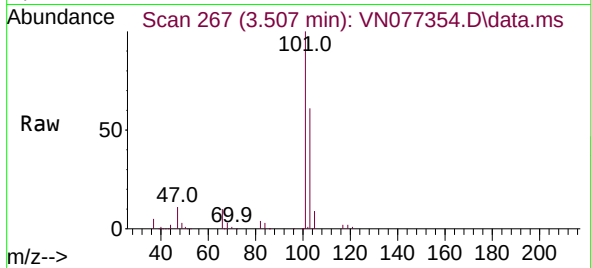
Tgt Ion: 64 Resp: 123487
Ion Ratio Lower Upper
64 100
66 30.7 26.9 40.3





#7
Trichlorofluoromethane
Concen: 22.574 ug/l
RT: 3.507 min Scan# 209169
Delta R.T. 0.006 min
Lab File: VN077354.D
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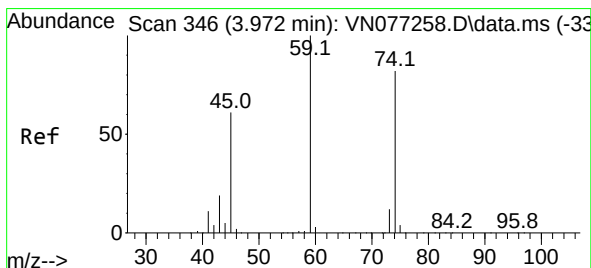
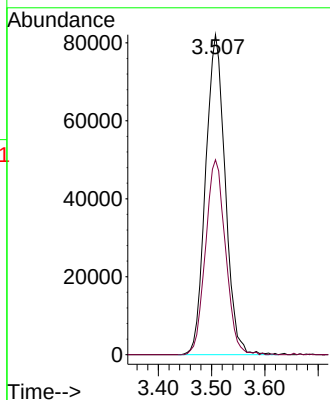
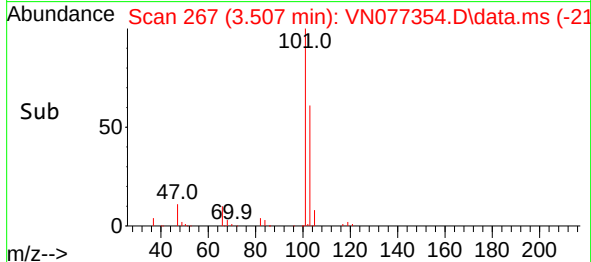
Instrument :
MSVOA_N
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VN0417WBSD01



Tgt Ion:101 Resp: 209169
Ion Ratio Lower Upper
101 100
103 60.9 49.0 73.4

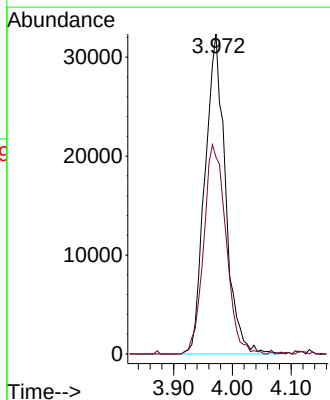
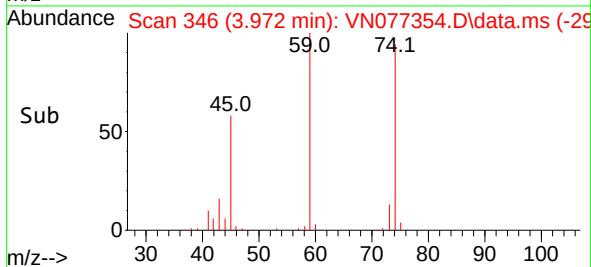
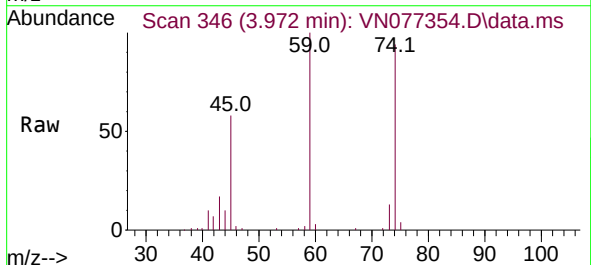
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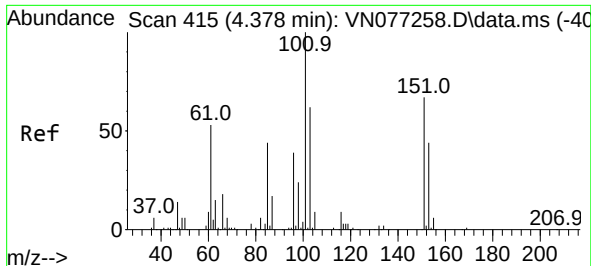
Reviewed By :John Carlone 04/18/2023
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#8
Diethyl Ether
Concen: 20.109 ug/l
RT: 3.972 min Scan# 346
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 78081
Ion Ratio Lower Upper
74 100
45 71.4 37.8 113.4





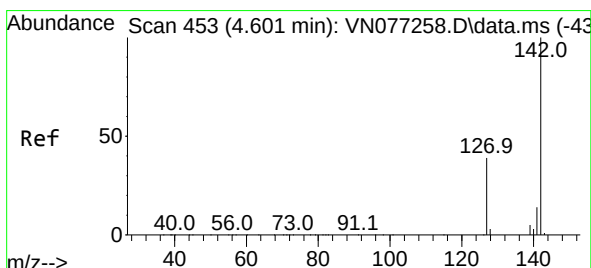
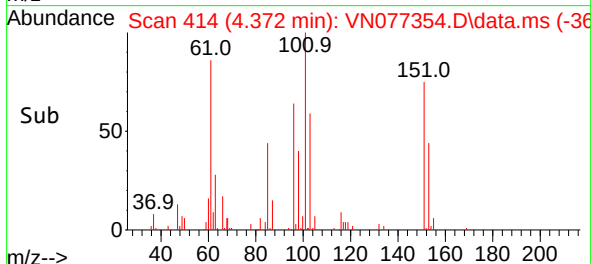
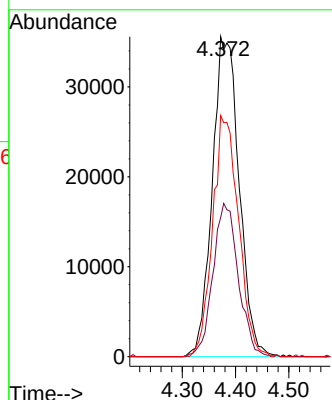
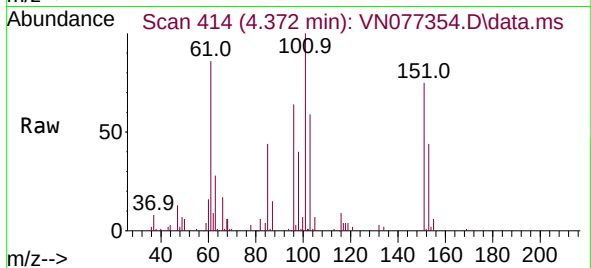
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.931 ug/l
RT: 4.372 min Scan# 415
Delta R.T. -0.006 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01

Tgt Ion:101 Resp: 124360
Ion Ratio Lower Upper
101 100
85 45.4 37.3 55.9
151 72.7 56.3 84.5

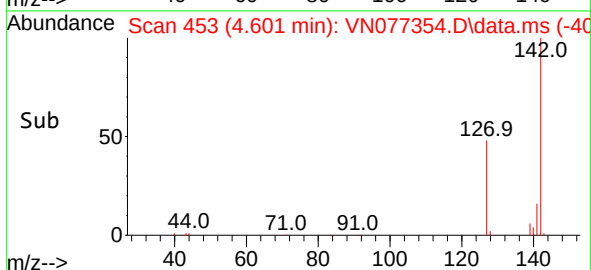
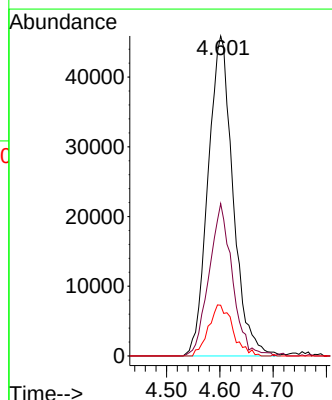
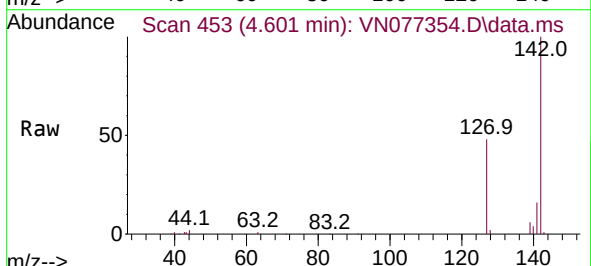
Manual Integrations
APPROVED

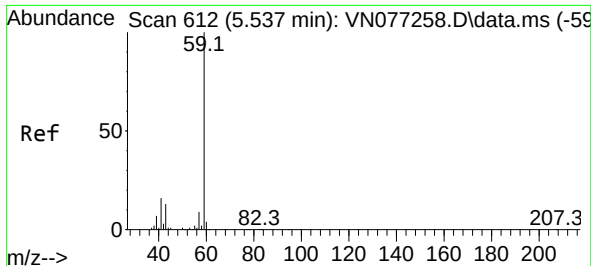
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#10
Methyl Iodide
Concen: 21.637 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

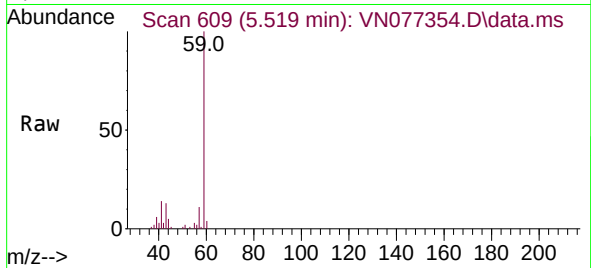
Tgt Ion:142 Resp: 149219
Ion Ratio Lower Upper
142 100
127 47.6 31.5 47.3#
141 15.9 11.4 17.2





#11
Tert butyl alcohol
Concen: 76.532 ug/l
RT: 5.519 min Scan# 609
Delta R.T. -0.018 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

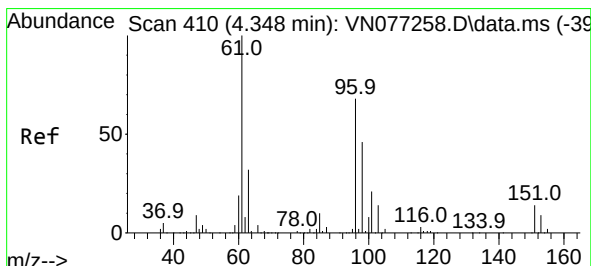
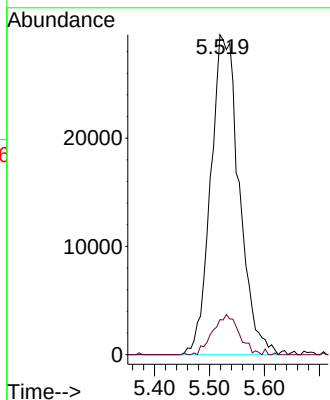
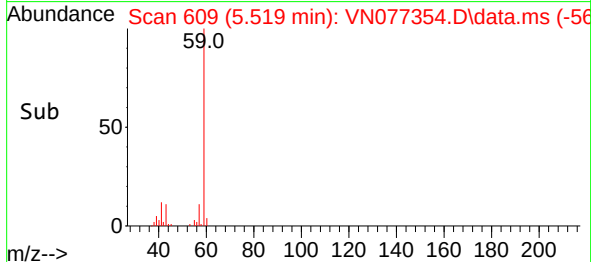
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



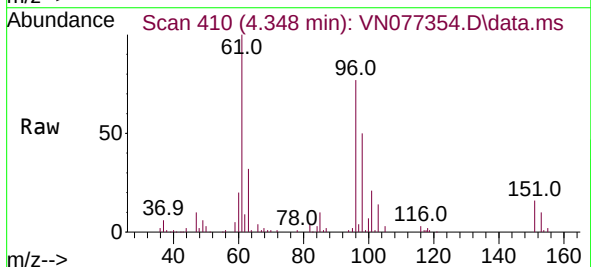
Tgt Ion: 59 Resp: 106350
Ion Ratio Lower Upper
59 100
57 11.6 8.3 12.5

Manual Integrations
APPROVED

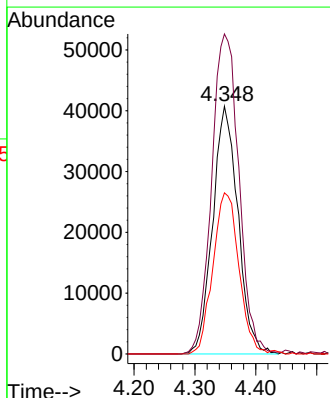
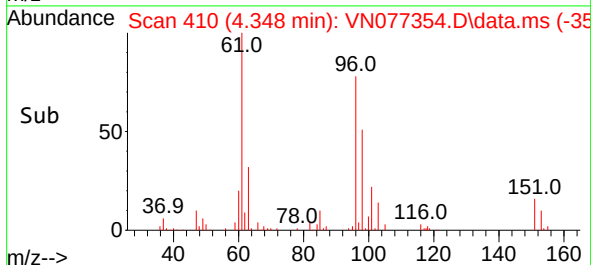
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

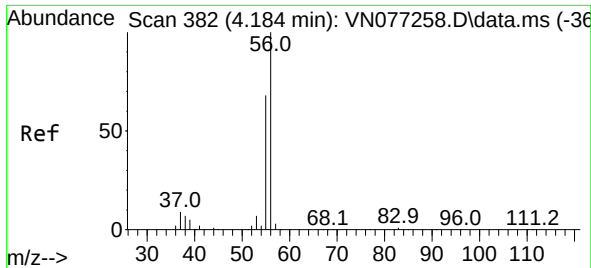


#12
1,1-Dichloroethene
Concen: 20.095 ug/l
RT: 4.348 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42



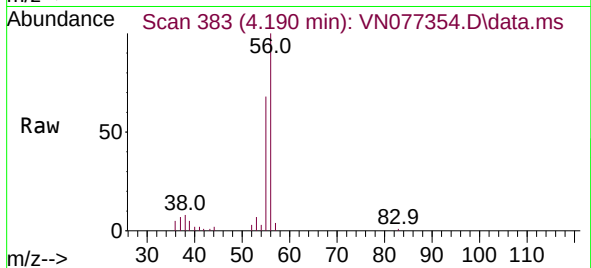
Tgt Ion: 96 Resp: 117303
Ion Ratio Lower Upper
96 100
61 129.2 118.3 177.5
98 65.0 54.5 81.7





#13
Acrolein
Concen: 77.896 ug/l
RT: 4.190 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

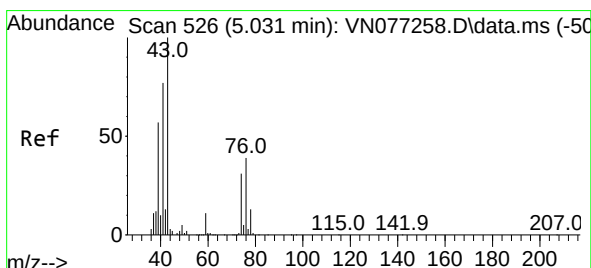
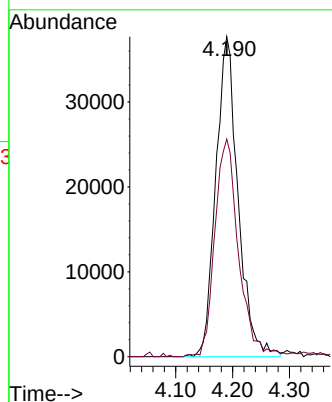
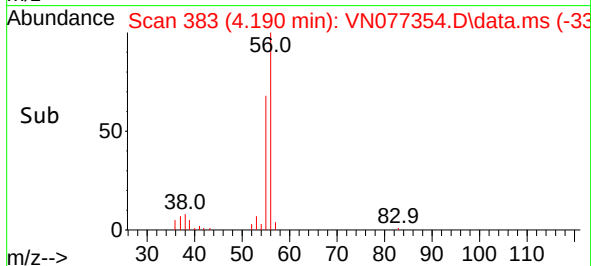
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



Tgt Ion: 56 Resp: 102520
Ion Ratio Lower Upper
56 100
55 72.6 54.2 81.2

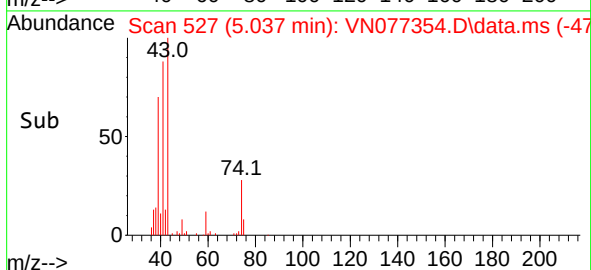
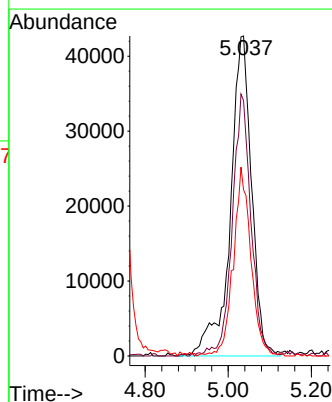
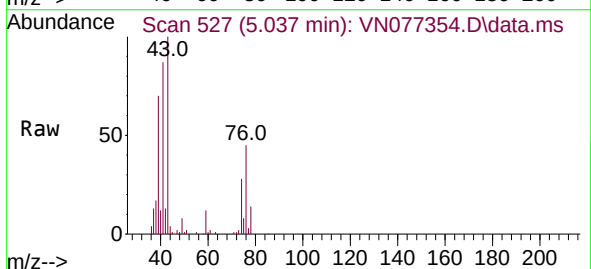
Manual Integrations
APPROVED

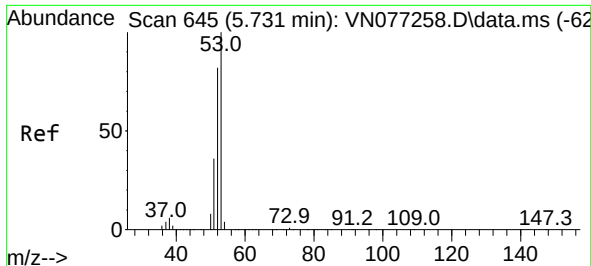
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#14
Allyl chloride
Concen: 17.236 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

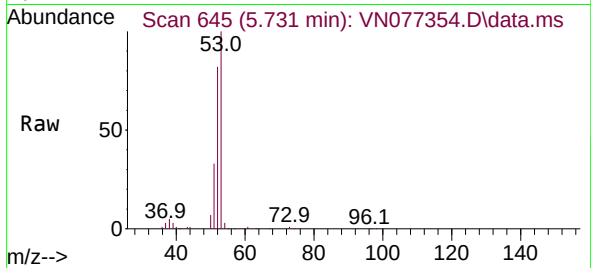
Tgt Ion: 41 Resp: 151955
Ion Ratio Lower Upper
41 100
39 72.0 55.0 82.4
76 48.7 35.4 53.2





#15
Acrylonitrile
Concen: 87.925 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

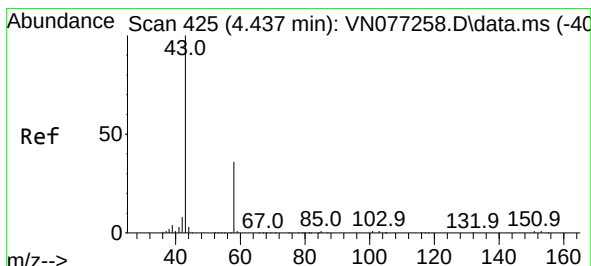
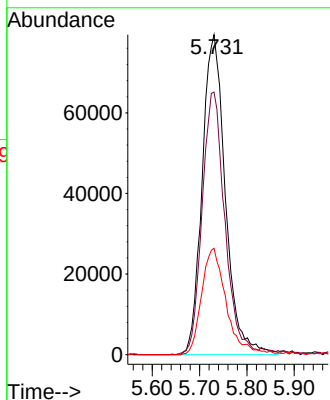
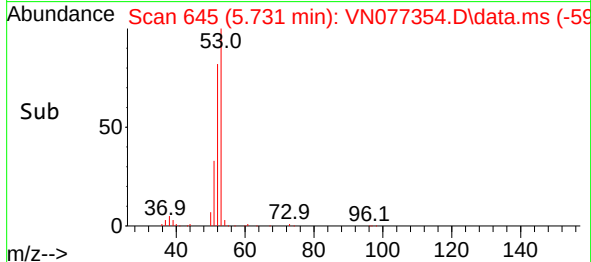
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



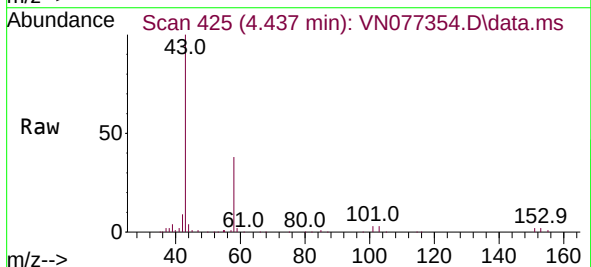
Tgt Ion: 53 Resp: 270132
Ion Ratio Lower Upper
53 100
52 80.2 65.2 97.8
51 35.4 28.1 42.1

Manual Integrations
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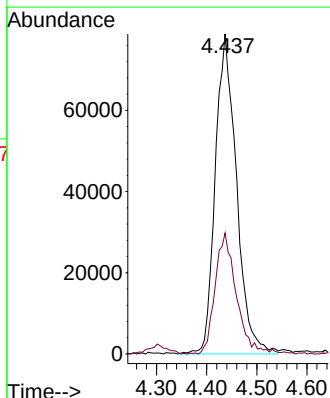
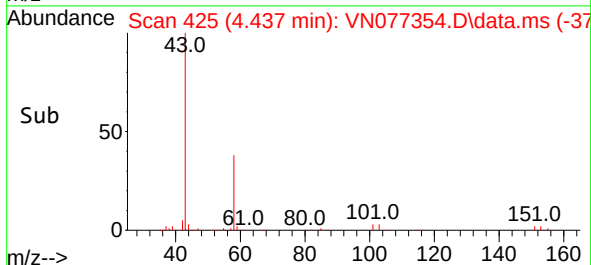
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

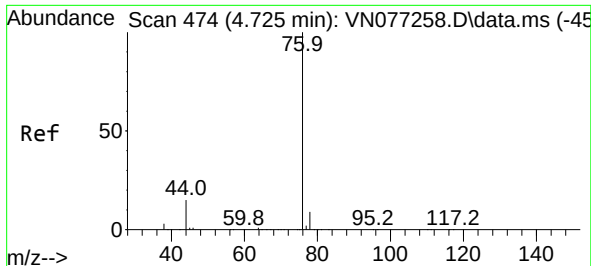


#16
Acetone
Concen: 92.178 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42



Tgt Ion: 43 Resp: 231467
Ion Ratio Lower Upper
43 100
58 37.3 29.0 43.6





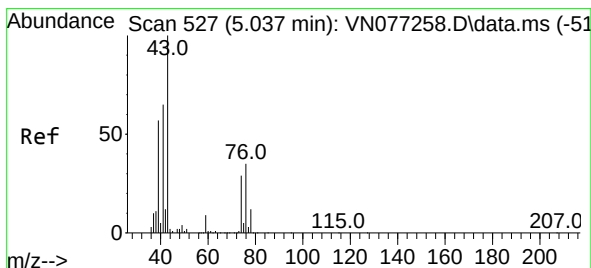
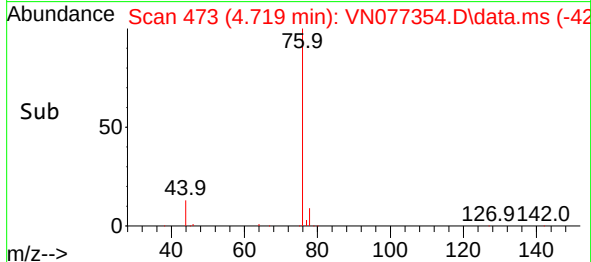
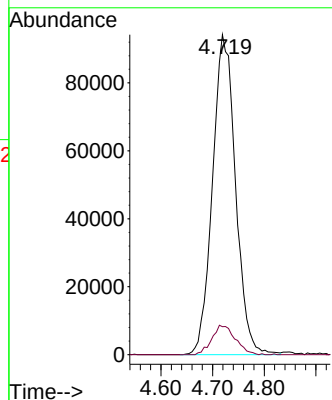
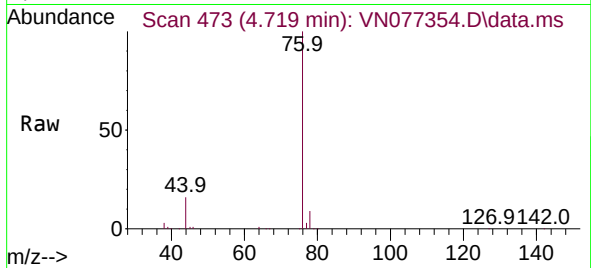
#17
Carbon Disulfide
Concen: 18.522 ug/l
RT: 4.719 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01

Tgt Ion: 76 Resp: 291554
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9

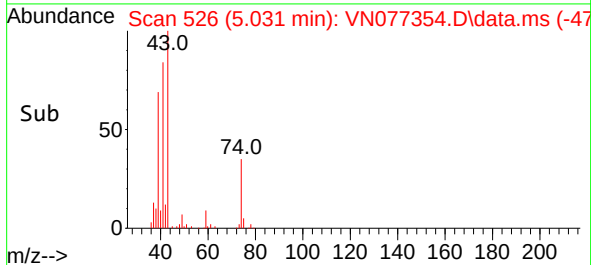
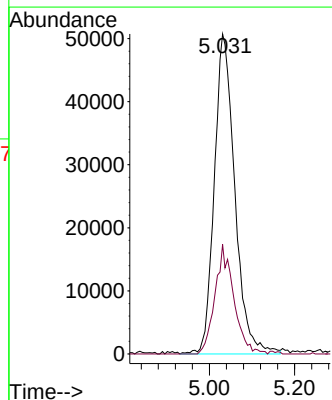
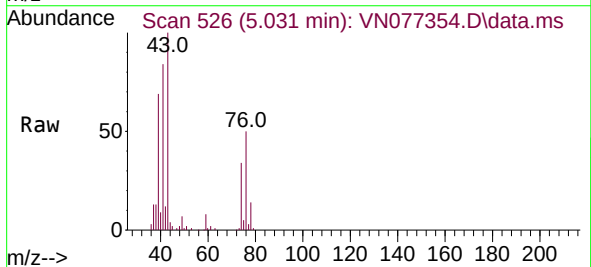
Manual Integrations
APPROVED

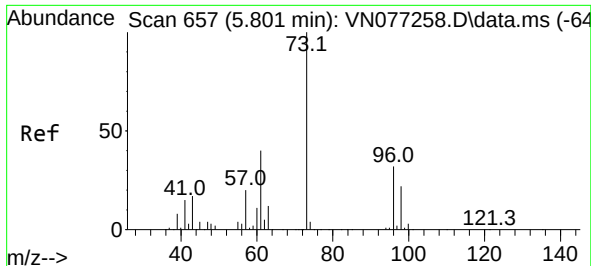
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#18
Methyl Acetate
Concen: 17.716 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

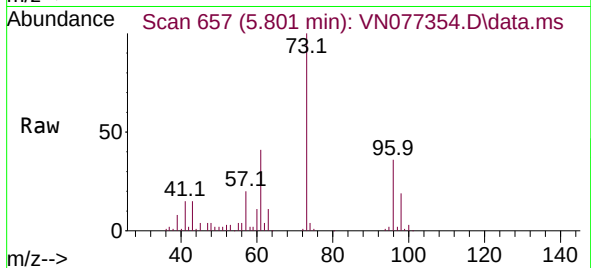
Tgt Ion: 43 Resp: 169425
Ion Ratio Lower Upper
43 100
74 31.4 23.4 35.2





#19
Methyl tert-butyl Ether
Concen: 20.235 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

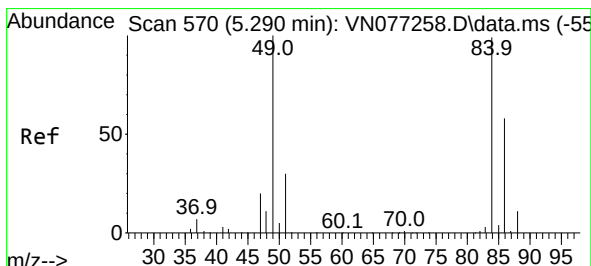
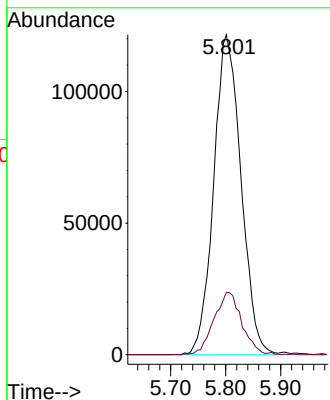
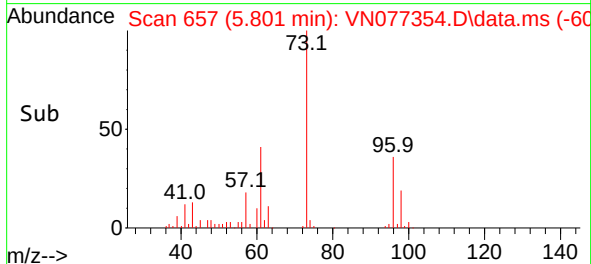
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



Tgt Ion: 73 Resp: 41911
Ion Ratio Lower Upper
73 100
57 19.5 16.2 24.4

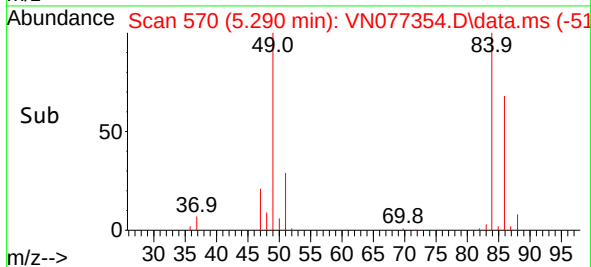
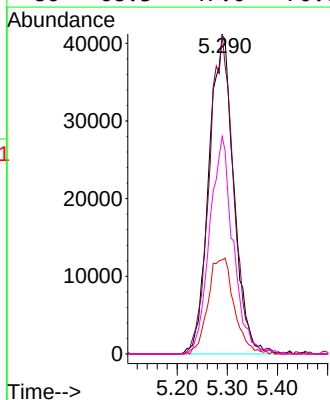
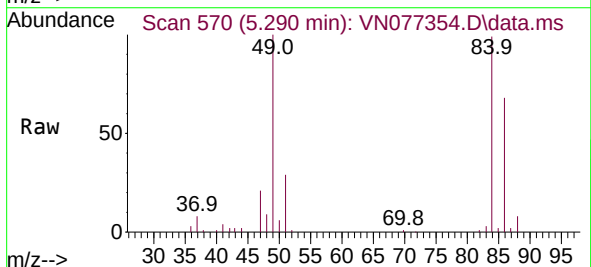
Manual Integrations
APPROVED

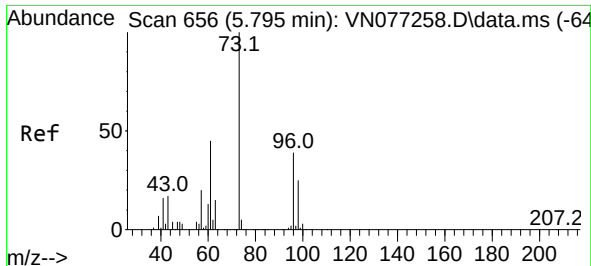
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#20
Methylene Chloride
Concen: 19.980 ug/l
RT: 5.290 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

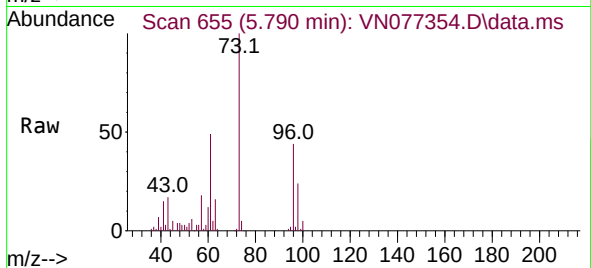
Tgt Ion: 84 Resp: 141692
Ion Ratio Lower Upper
84 100
49 100.5 80.6 121.0
51 29.5 24.4 36.6
86 68.3 47.0 70.6





#21
trans-1,2-Dichloroethene
Concen: 20.812 ug/l
RT: 5.790 min Scan# 611
Delta R.T. -0.005 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

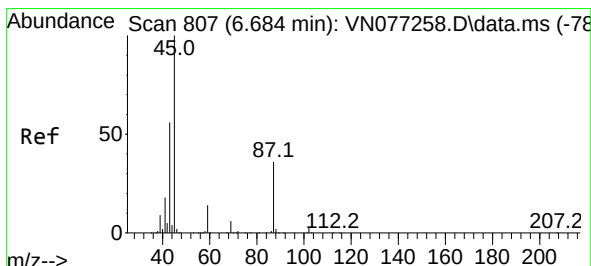
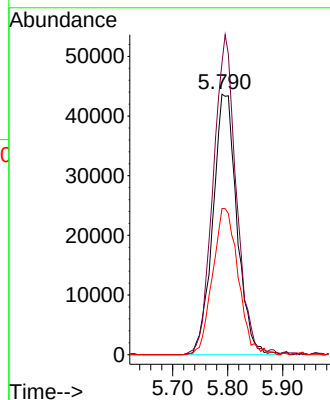
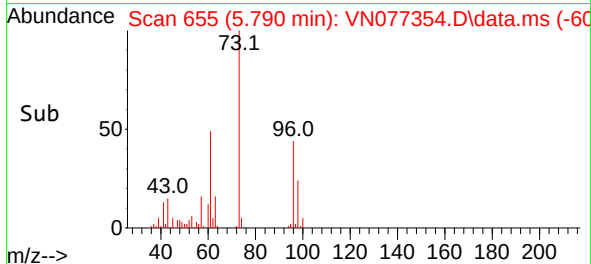
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



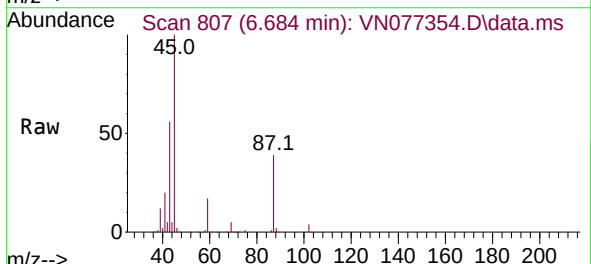
Tgt Ion: 96 Resp: 133018
Ion Ratio Lower Upper
96 100
61 111.9 93.8 140.6
98 56.1 50.9 76.3

Manual Integrations
APPROVED

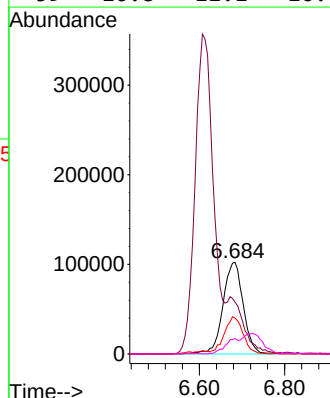
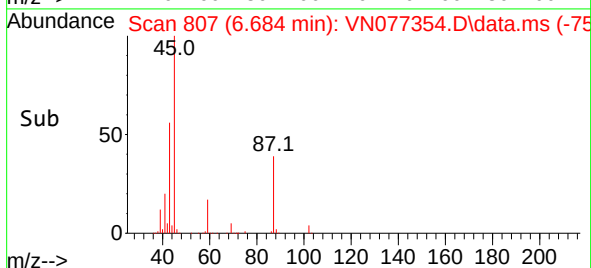
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

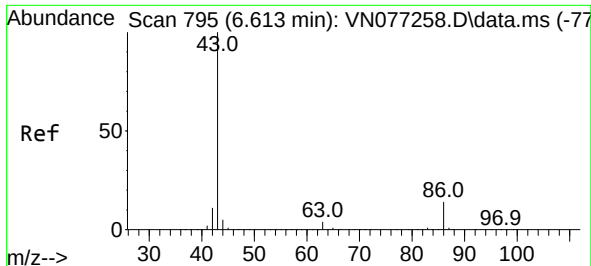


#22
Diisopropyl ether
Concen: 19.072 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42



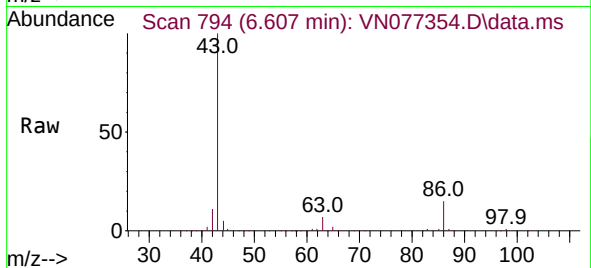
Tgt Ion: 45 Resp: 337111
Ion Ratio Lower Upper
45 100
43 54.4 44.6 66.8
87 39.1 28.4 42.6
59 16.8 11.1 16.7#





#23
 Vinyl Acetate
 Concen: 103.744 ug/l m
 RT: 6.607 min Scan# 794
 Delta R.T. -0.006 min
 Lab File: VN077354.D
 Acq: 17 Apr 2023 13:42

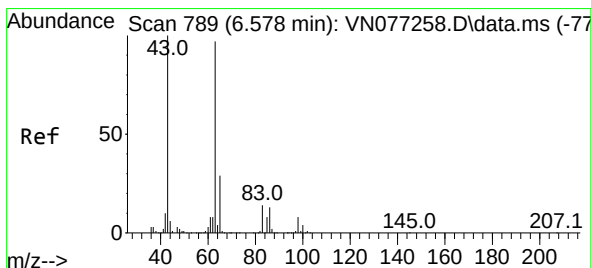
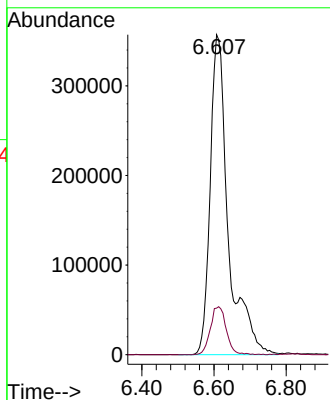
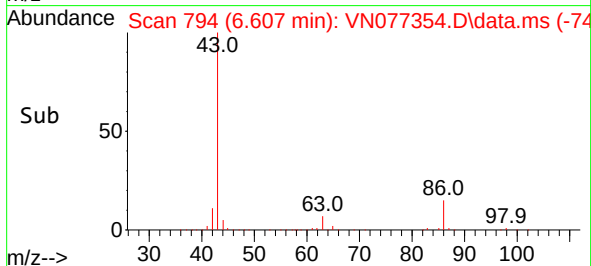
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0417WBSD01



Tgt Ion: 43 Resp: 1239859
 Ion Ratio Lower Upper
 43 100
 86 14.6 11.2 16.8

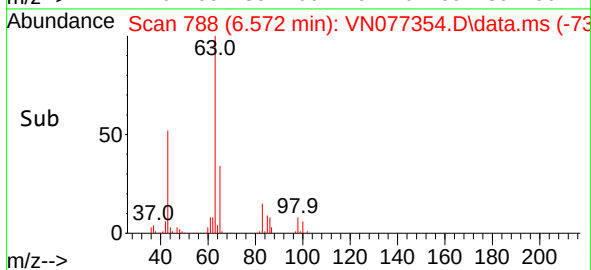
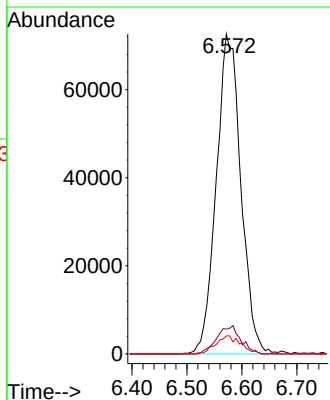
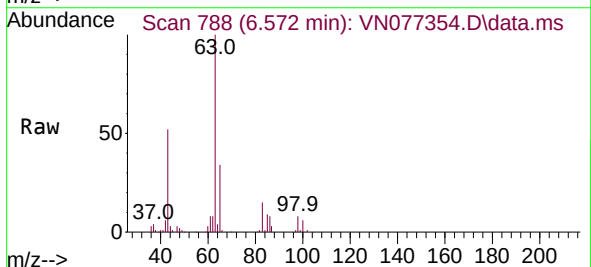
Manual Integrations
 APPROVED

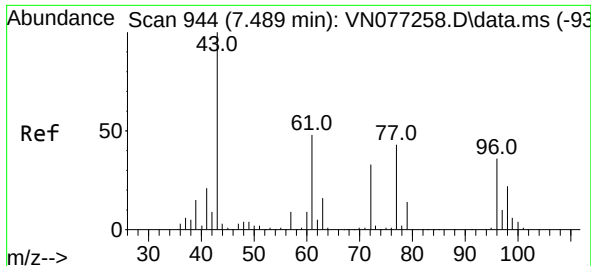
Reviewed By :John Carlone 04/18/2023
 Supervised By :Mahesh Dadoda 04/18/2023



#24
 1,1-Dichloroethane
 Concen: 19.784 ug/l
 RT: 6.572 min Scan# 788
 Delta R.T. -0.006 min
 Lab File: VN077354.D
 Acq: 17 Apr 2023 13:42

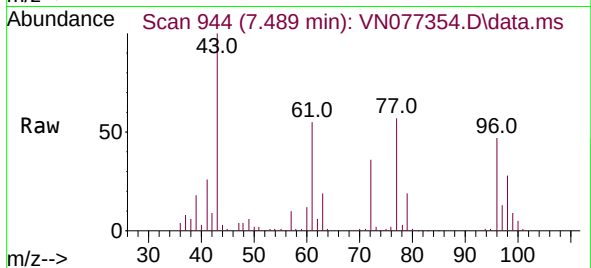
Tgt Ion: 63 Resp: 225810
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.0 12.0
 100 5.7 2.3 6.9





#25
2-Butanone
Concen: 85.084 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

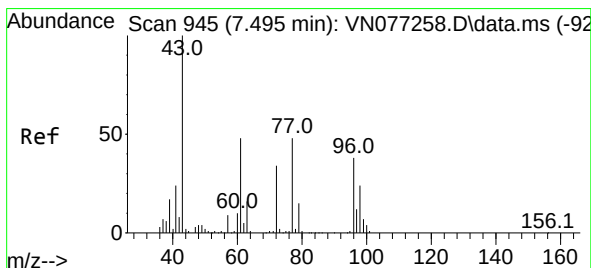
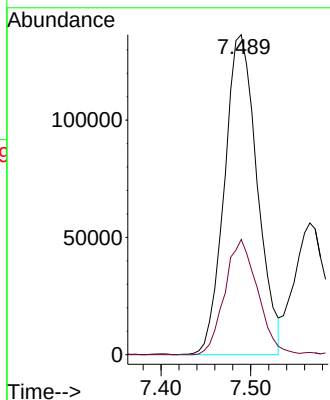
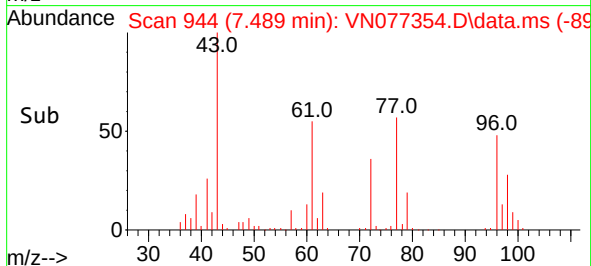
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



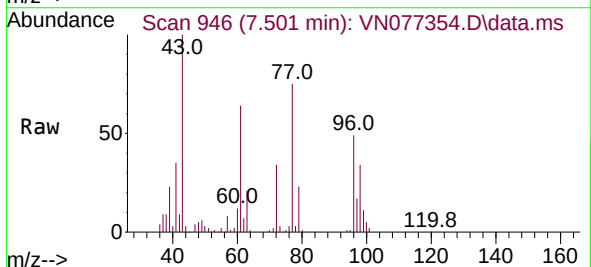
Tgt Ion: 43 Resp: 346752
Ion Ratio Lower Upper
43 100
72 36.0 26.6 39.8

Manual Integrations
APPROVED

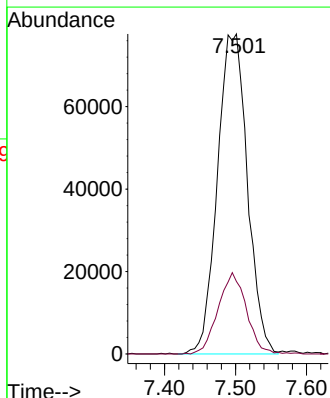
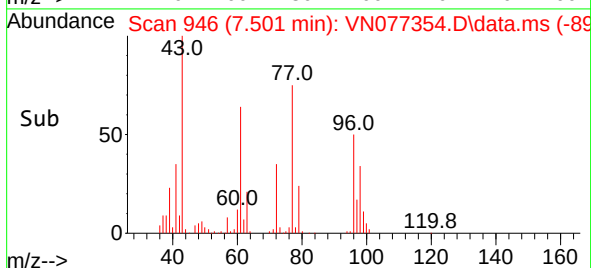
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

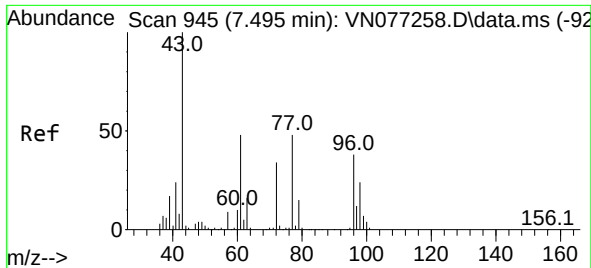


#26
2,2-Dichloropropane
Concen: 21.773 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.006 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42



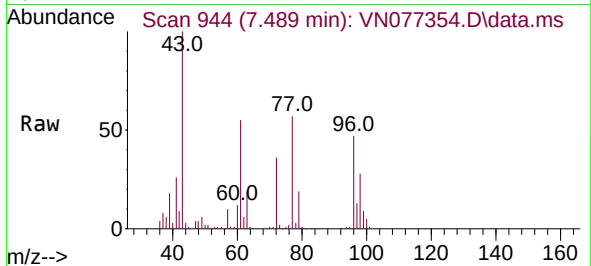
Tgt Ion: 77 Resp: 227880
Ion Ratio Lower Upper
77 100
97 24.0 12.0 36.1





#27
 cis-1,2-Dichloroethene
 Concen: 21.338 ug/l
 RT: 7.489 min Scan# 945
 Delta R.T. -0.006 min
 Lab File: VN077354.D
 Acq: 17 Apr 2023 13:42

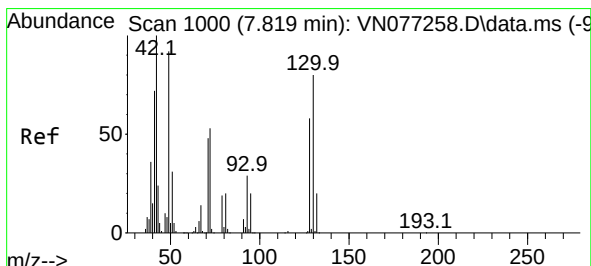
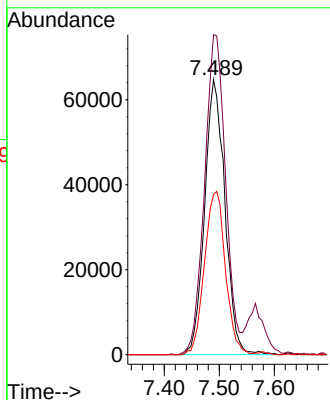
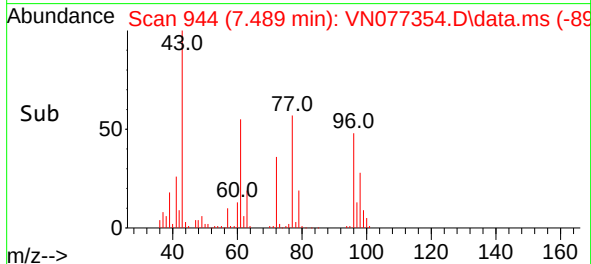
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0417WBSD01



Tgt Ion: 96 Resp: 16654
 Ion Ratio Lower Upper
 96 100
 61 120.8 0.0 261.0
 98 61.2 0.0 128.0

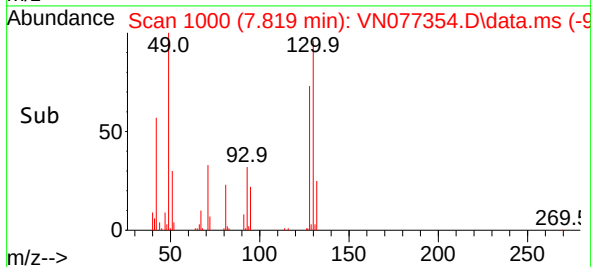
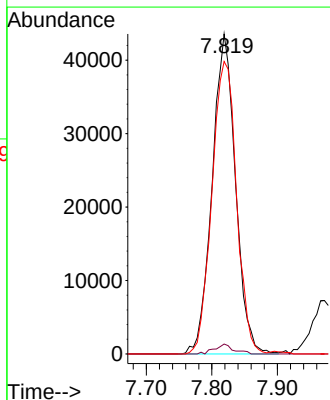
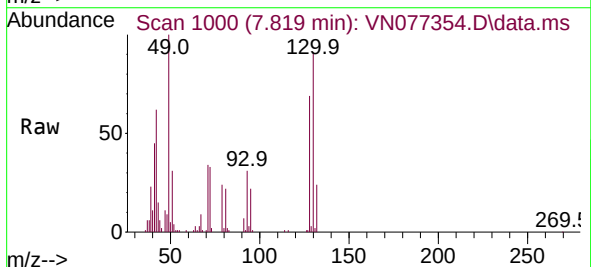
Manual Integrations
 APPROVED

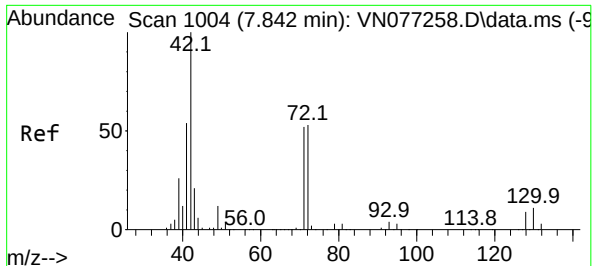
Reviewed By :John Carlone 04/18/2023
 Supervised By :Mahesh Dadoda 04/18/2023



#28
 Bromochloromethane
 Concen: 23.431 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN077354.D
 Acq: 17 Apr 2023 13:42

Tgt Ion: 49 Resp: 107576
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.4
 130 96.4 68.4 102.6





#29

Tetrahydrofuran

Concen: 78.537 ug/l

RT: 7.848 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VN077354.D

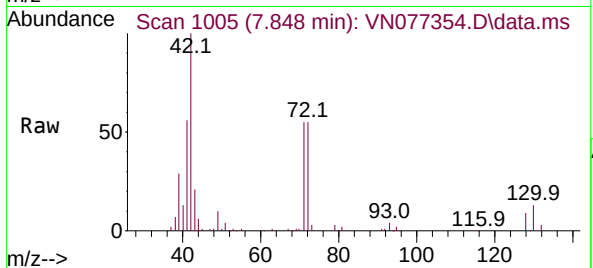
Acq: 17 Apr 2023 13:42

Instrument :

MSVOA_N

ClientSampleId :

VN0417WBSD01



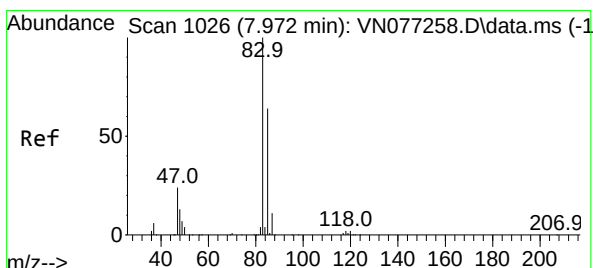
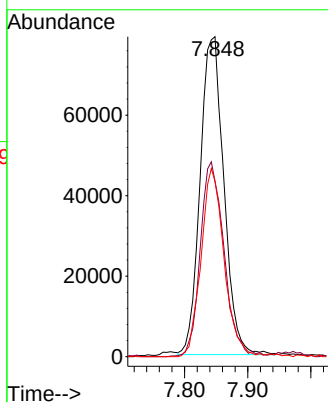
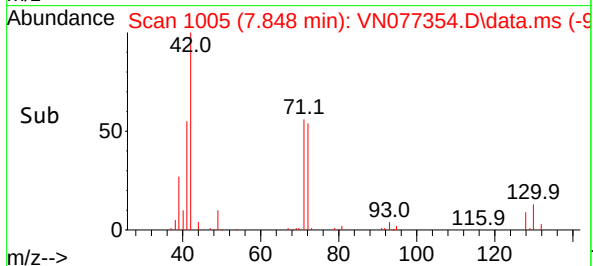
Tgt Ion:	42	Resp:	205749
Ion Ratio	100	Lower	Upper
42	100		
72	61.5	44.6	66.8
71	57.4	41.3	61.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#30

Chloroform

Concen: 20.777 ug/l

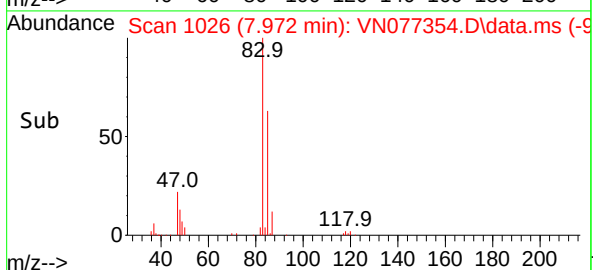
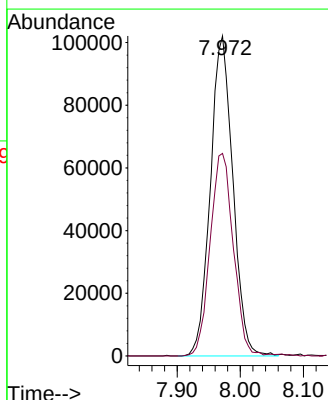
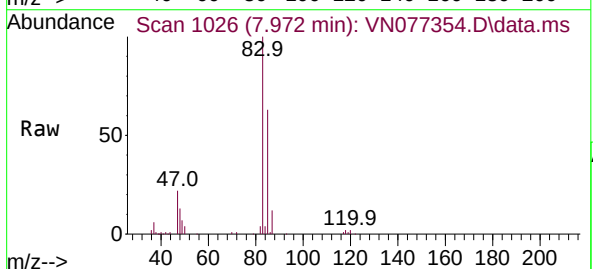
RT: 7.972 min Scan# 1026

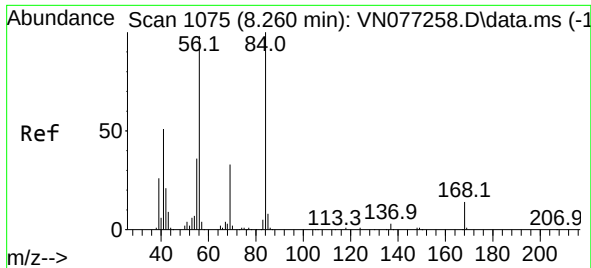
Delta R.T. -0.000 min

Lab File: VN077354.D

Acq: 17 Apr 2023 13:42

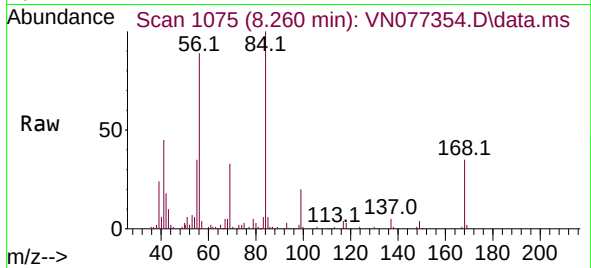
Tgt Ion:	83	Resp:	252884
Ion Ratio	100	Lower	Upper
83	100		
85	63.3	50.9	76.3





#31
Cyclohexane
Concen: 18.755 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

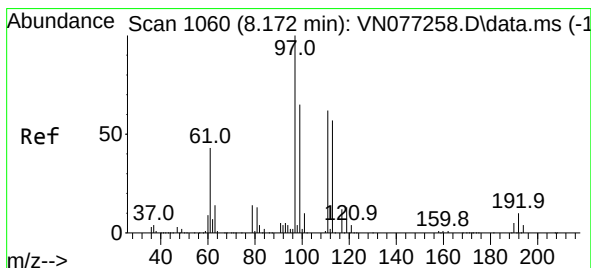
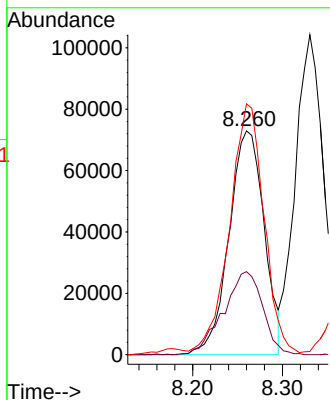
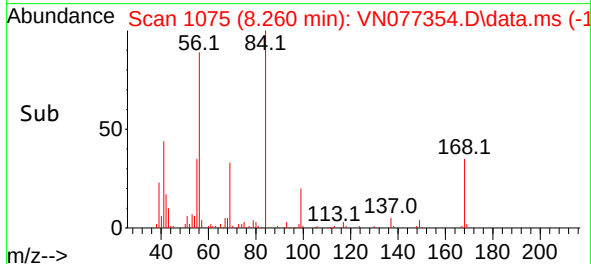
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



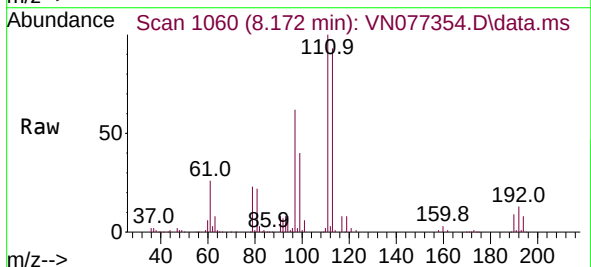
Tgt Ion: 56 Resp: 198484
Ion Ratio Lower Upper
56 100
69 37.0 26.6 40.0
84 110.0 81.8 122.8

Manual Integrations
APPROVED

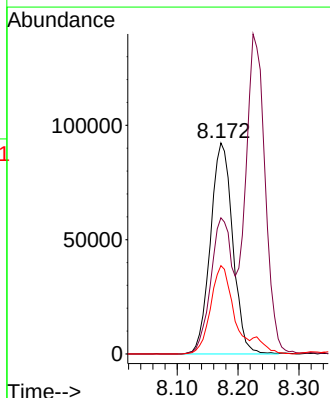
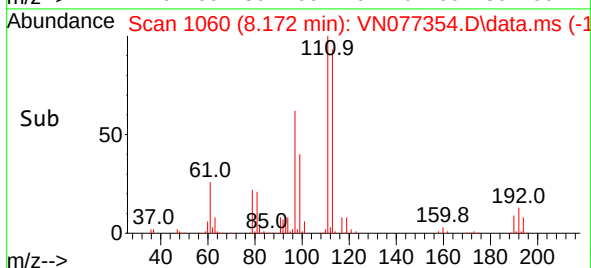
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

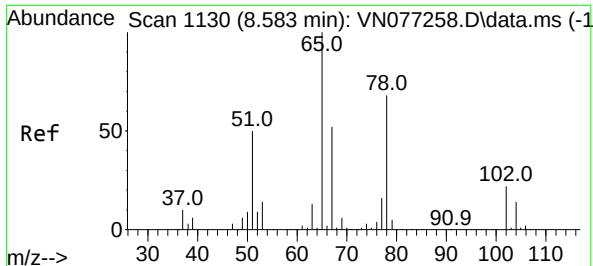


#32
1,1,1-Trichloroethane
Concen: 21.214 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42



Tgt Ion: 97 Resp: 234828
Ion Ratio Lower Upper
97 100
99 61.7 54.2 81.4
61 42.4 35.8 53.6





#33

1,2-Dichloroethane-d4

Concen: 54.805 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077354.D

Acq: 17 Apr 2023 13:42

Instrument :

MSVOA_N

ClientSampleId :

VN0417WBSD01

Tgt Ion: 65 Resp: 37325

Ion Ratio Lower Upper

65 100

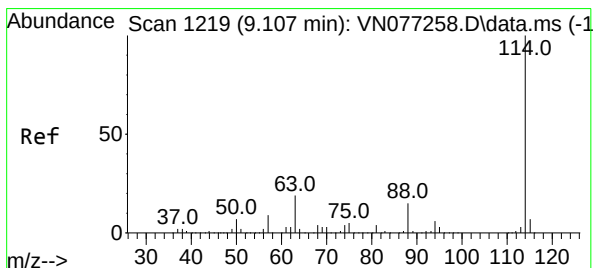
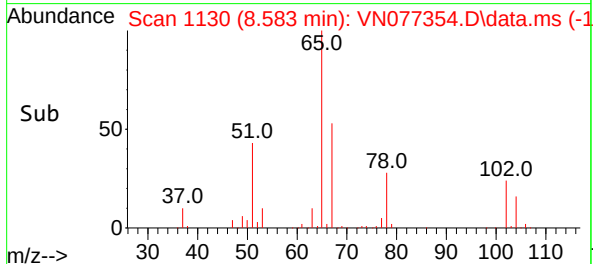
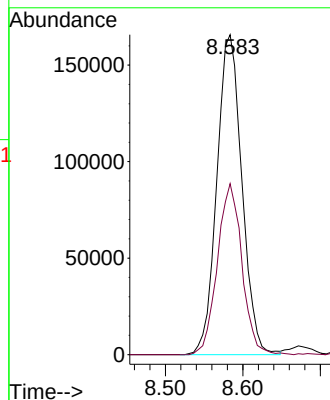
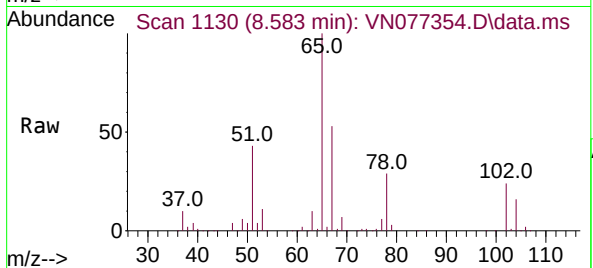
67 52.3 0.0 108.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.101 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VN077354.D

Acq: 17 Apr 2023 13:42

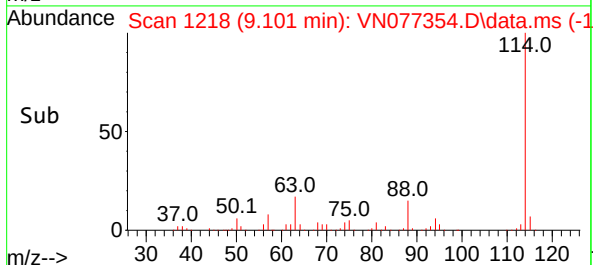
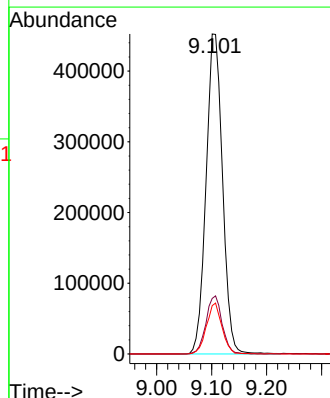
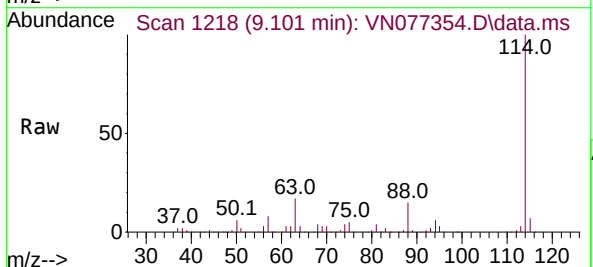
Tgt Ion:114 Resp: 940693

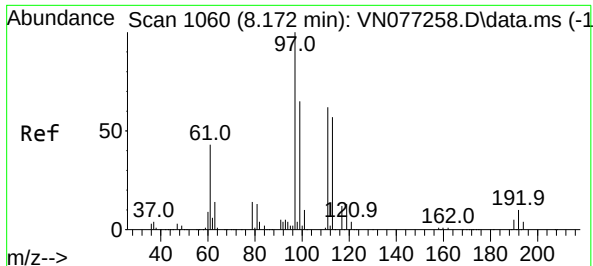
Ion Ratio Lower Upper

114 100

63 17.3 0.0 37.8

88 15.1 0.0 29.4





#35

Dibromofluoromethane

Concen: 55.888 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077354.D

Acq: 17 Apr 2023 13:42

Instrument :

MSVOA_N

ClientSampleId :

VN0417WBSD01

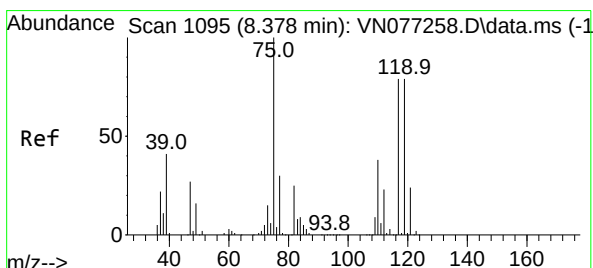
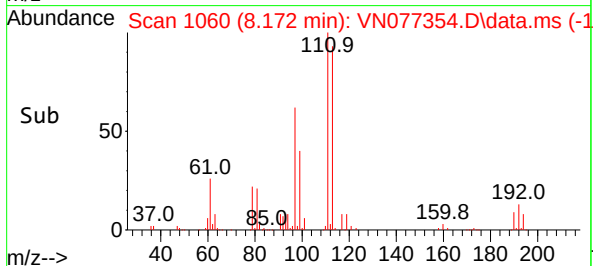
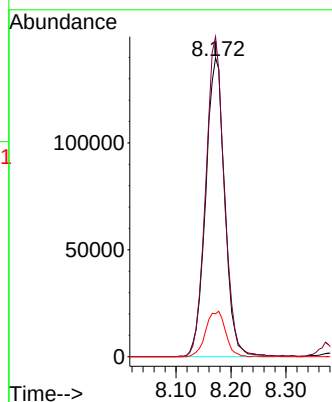
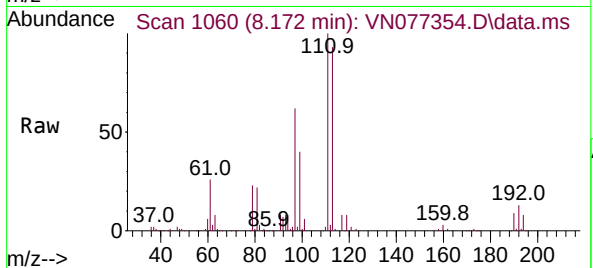
Tgt Ion:	113	Resp:	33656
Ion Ratio	Lower	Upper	
113	100		
111	104.2	83.4	125.0
192	15.8	13.5	20.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#36

1,1-Dichloropropene

Concen: 21.274 ug/l

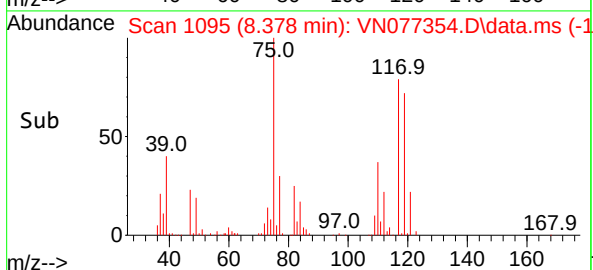
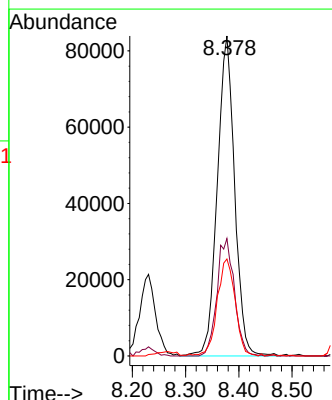
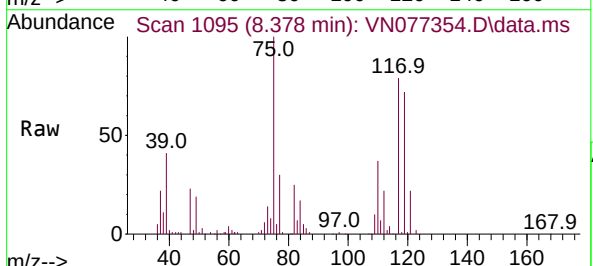
RT: 8.378 min Scan# 1095

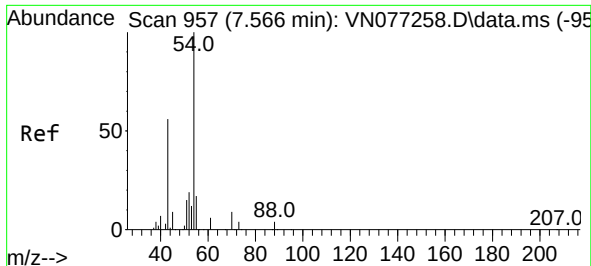
Delta R.T. -0.000 min

Lab File: VN077354.D

Acq: 17 Apr 2023 13:42

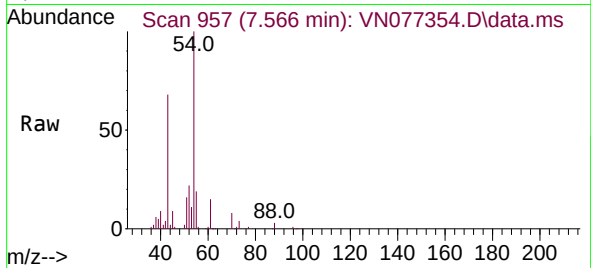
Tgt Ion:	75	Resp:	189481
Ion Ratio	Lower	Upper	
75	100		
110	37.0	17.8	53.5
77	31.3	25.0	37.4





#37
Ethyl Acetate
Concen: 18.341 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

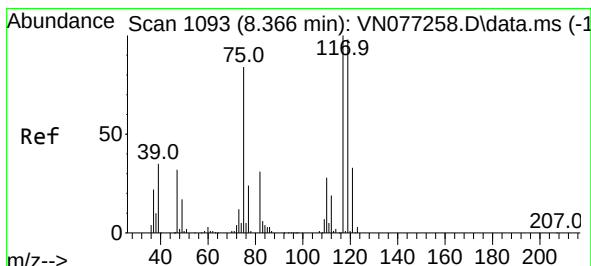
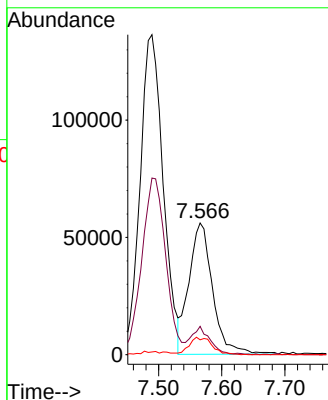
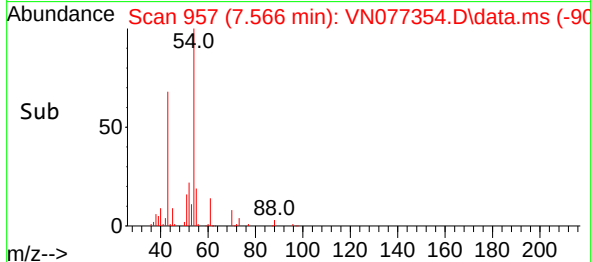
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



Tgt Ion: 43 Resp: 14615
Ion Ratio Lower Upper
43 100
61 15.6 12.2 18.2
70 12.8 10.0 15.0

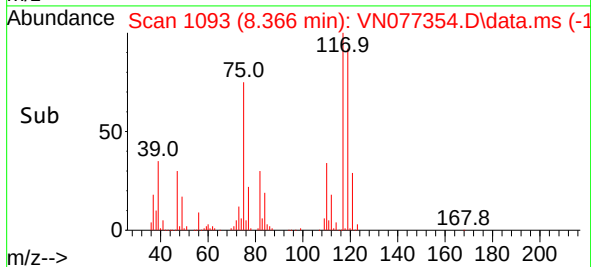
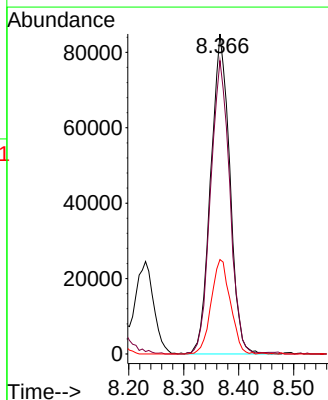
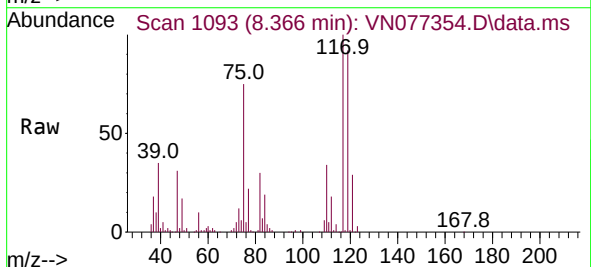
Manual Integrations
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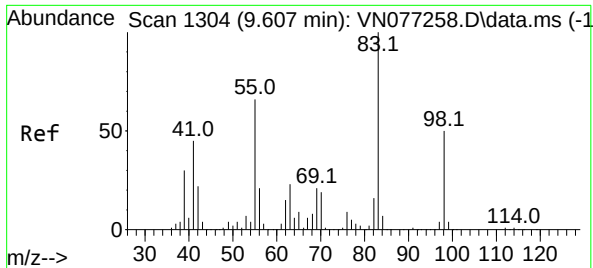
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#38
Carbon Tetrachloride
Concen: 22.358 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

Tgt Ion:117 Resp: 204022
Ion Ratio Lower Upper
117 100
119 91.7 78.5 117.7
121 29.5 26.6 40.0





#39

Methylcyclohexane

Concen: 21.153 ug/l

RT: 9.607 min Scan# 11304

Delta R.T. -0.000 min

Lab File: VN077354.D

Acq: 17 Apr 2023 13:42

Instrument :

MSVOA_N

ClientSampleId :

VN0417WBSD01

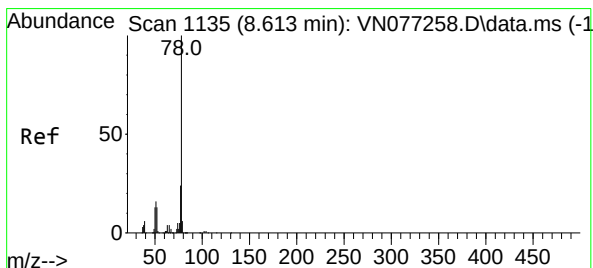
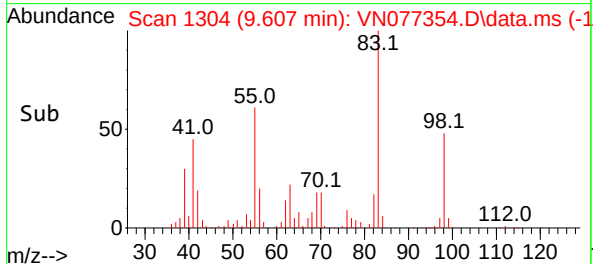
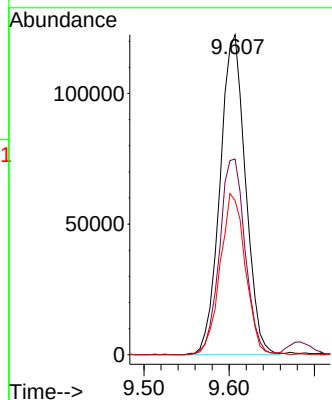
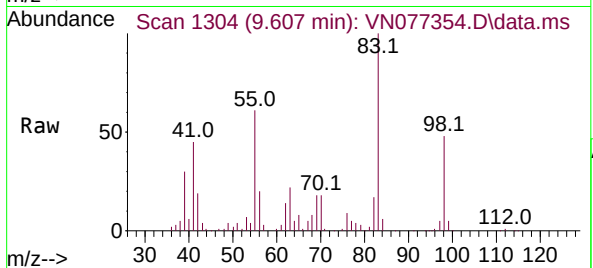
Tgt Ion: 83	Resp: 25404
Ion Ratio	Lower Upper
83	100
55	61.1 52.4 78.6
98	48.2 39.8 59.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#40

Benzene

Concen: 20.502 ug/l

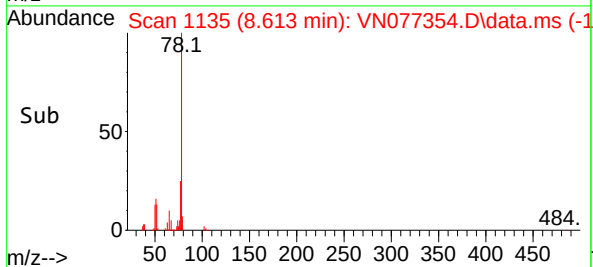
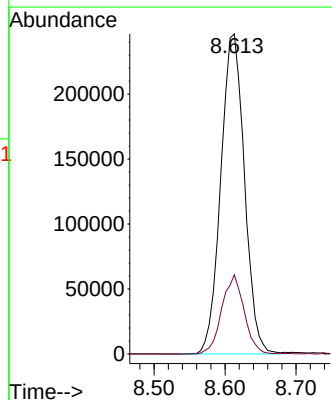
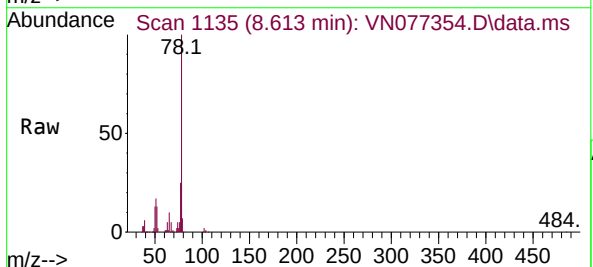
RT: 8.613 min Scan# 1135

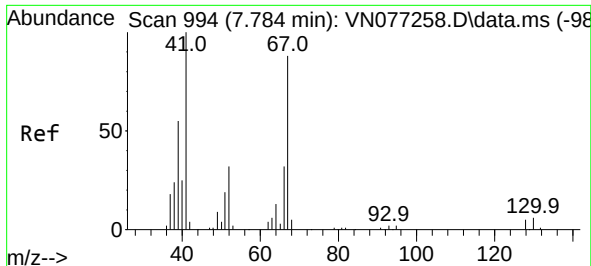
Delta R.T. -0.000 min

Lab File: VN077354.D

Acq: 17 Apr 2023 13:42

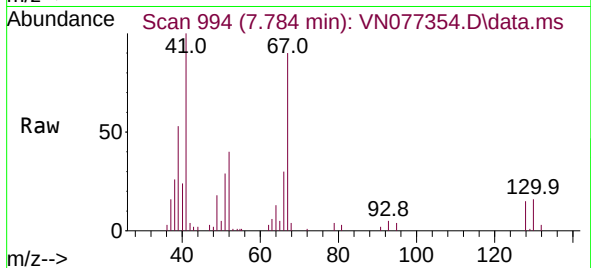
Tgt Ion: 78	Resp: 569574
Ion Ratio	Lower Upper
78	100
77	24.8 19.5 29.3





#41
Methacrylonitrile
Concen: 17.749 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

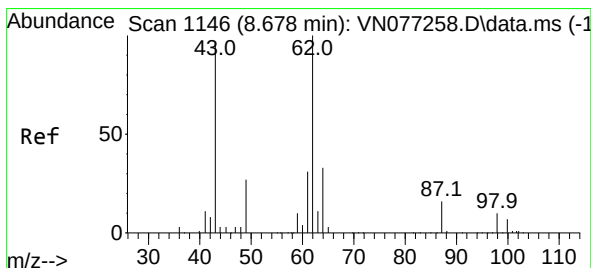
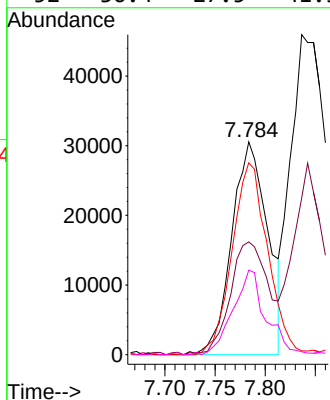
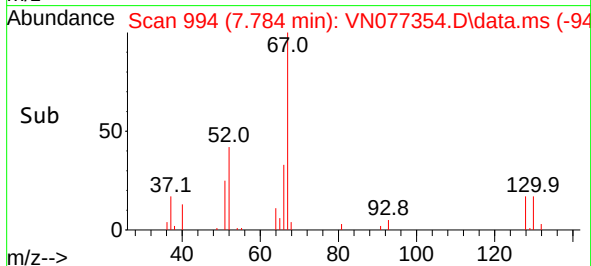
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



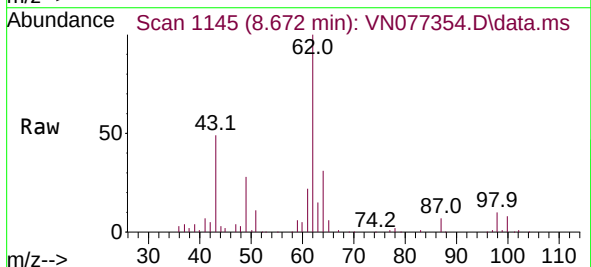
Tgt Ion: 41 Resp: 76025
Ion Ratio Lower Upper
41 100
39 56.5 44.1 66.1
67 89.7 71.4 107.2
52 36.4 27.5 41.3

Manual Integrations
APPROVED

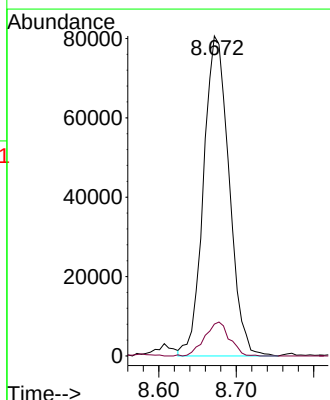
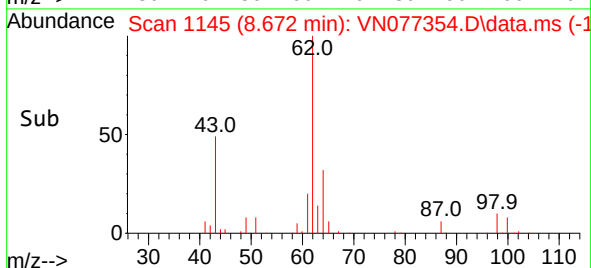
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

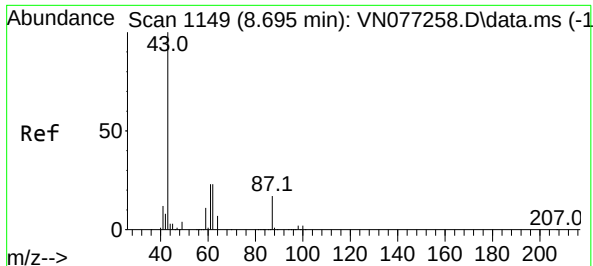


#42
1,2-Dichloroethane
Concen: 21.593 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42



Tgt Ion: 62 Resp: 184620
Ion Ratio Lower Upper
62 100
98 10.3 0.0 20.2





#43

Isopropyl Acetate

Concen: 17.124 ug/l

RT: 8.689 min Scan# 1148

Delta R.T. -0.006 min

Lab File: VN077354.D

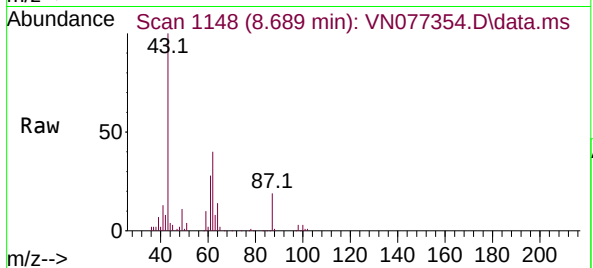
Acq: 17 Apr 2023 13:42

Instrument :

MSVOA_N

ClientSampleId :

VN0417WBSD01



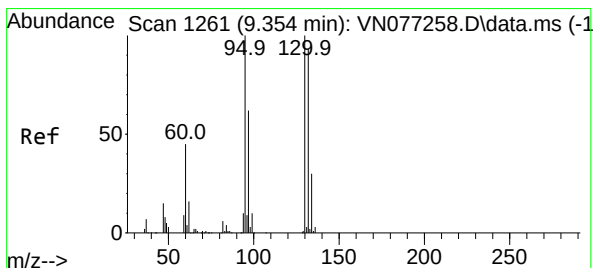
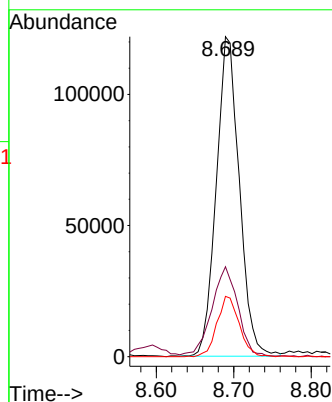
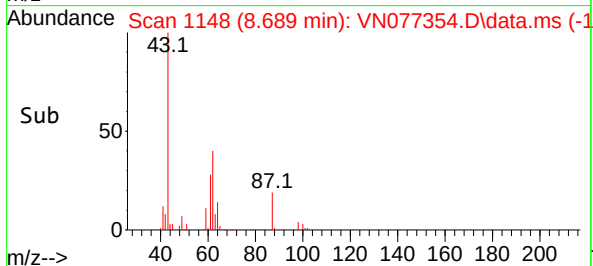
Tgt Ion:	43	Resp:	251798
Ion Ratio	Lower	Upper	
43	100		
61	31.5	22.7	34.1
87	18.3	13.6	20.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#44

Trichloroethene

Concen: 21.977 ug/l

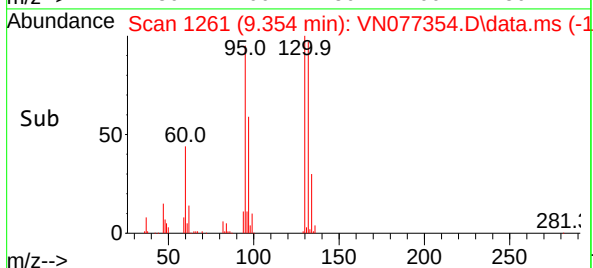
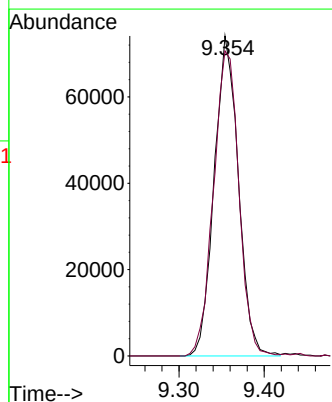
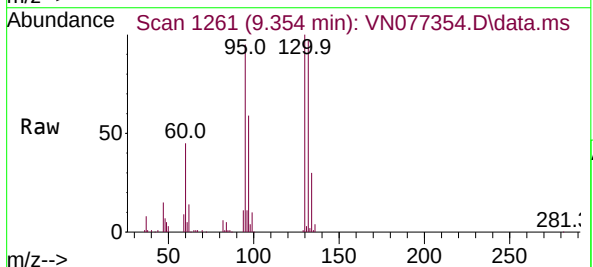
RT: 9.354 min Scan# 1261

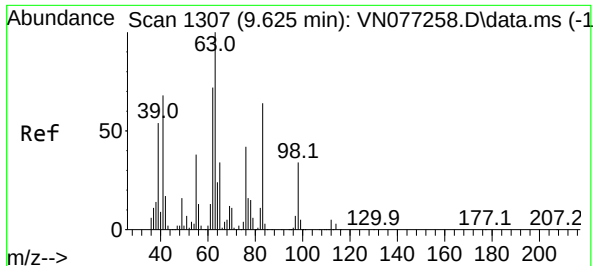
Delta R.T. -0.000 min

Lab File: VN077354.D

Acq: 17 Apr 2023 13:42

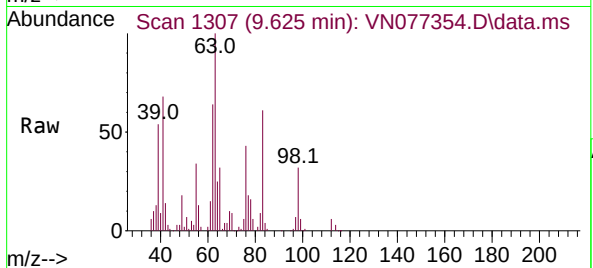
Tgt Ion:	130	Resp:	146085
Ion Ratio	Lower	Upper	
130	100		
95	95.3	0.0	200.2





#45
1,2-Dichloropropane
Concen: 21.111 ug/l
RT: 9.625 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

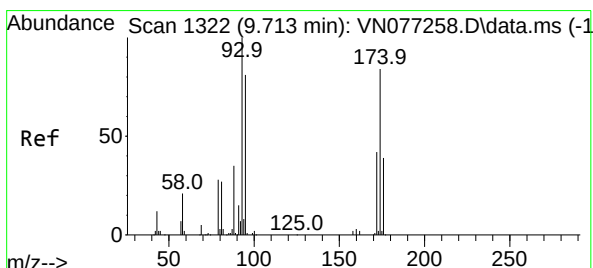
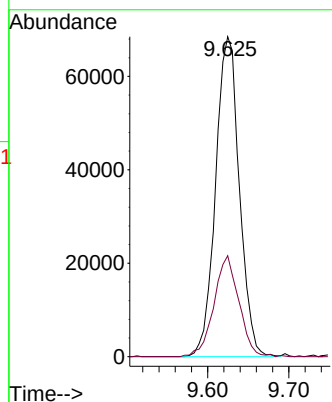
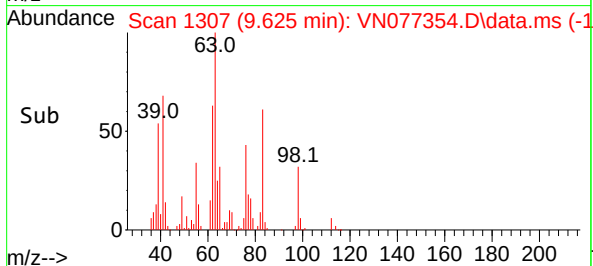
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



Tgt Ion: 63 Resp: 139289
Ion Ratio Lower Upper
63 100
65 31.6 27.1 40.7

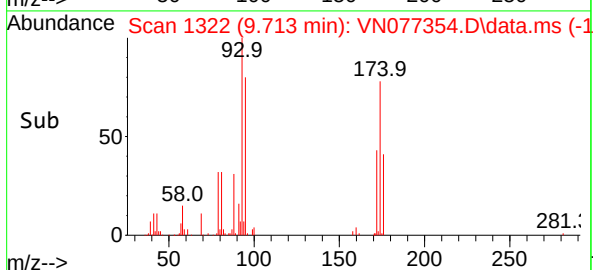
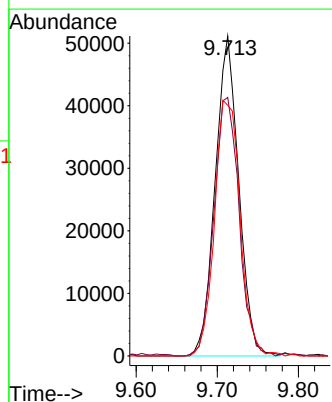
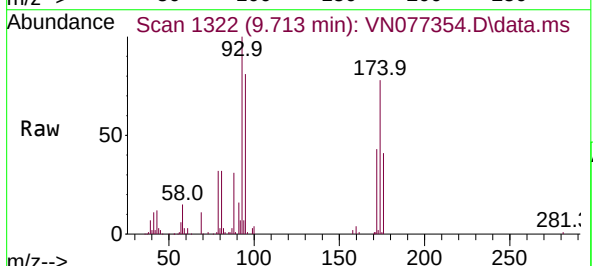
Manual Integrations
APPROVED

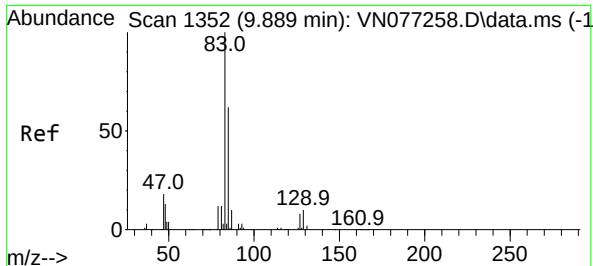
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#46
Dibromomethane
Concen: 20.715 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

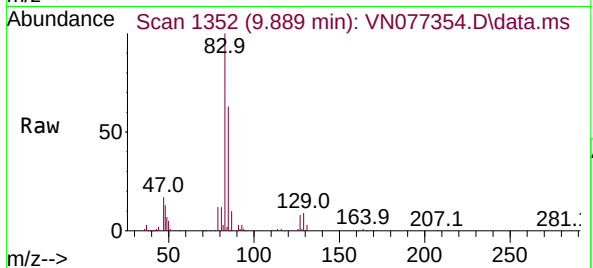
Tgt Ion: 93 Resp: 102974
Ion Ratio Lower Upper
93 100
95 86.4 65.8 98.6
174 86.9 66.0 99.0





#47
Bromodichloromethane
Concen: 21.245 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

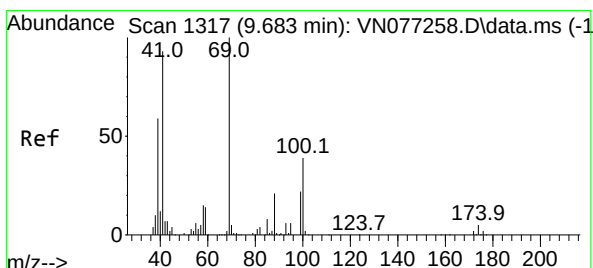
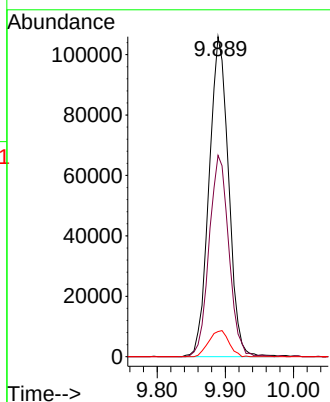
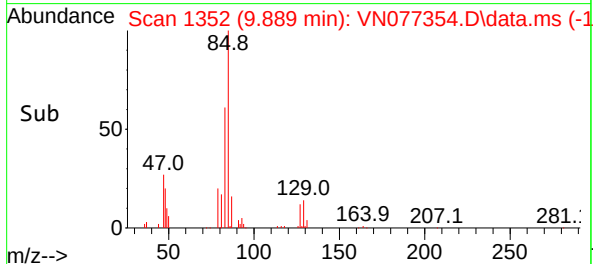
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



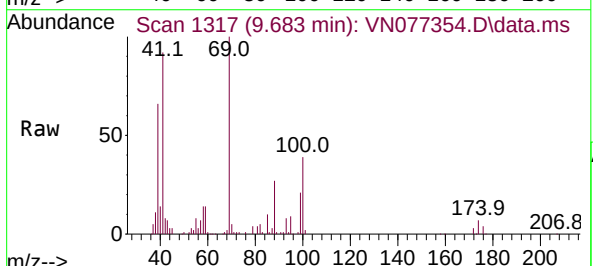
Tgt Ion: 83 Resp: 211093
Ion Ratio Lower Upper
83 100
85 62.9 49.8 74.8
127 7.8 6.2 9.2

Manual Integrations
APPROVED

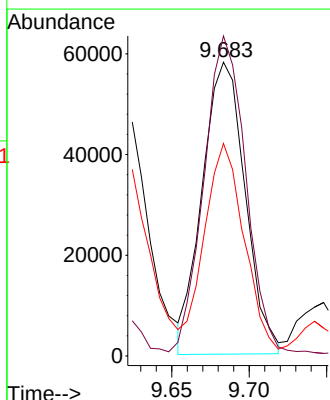
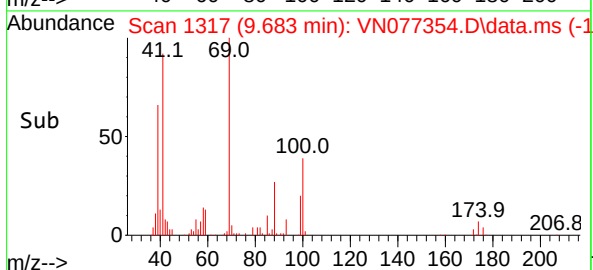
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

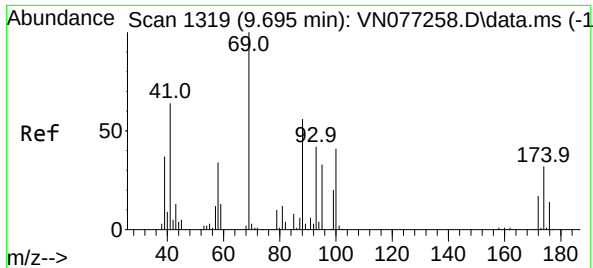


#48
Methyl methacrylate
Concen: 17.799 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42



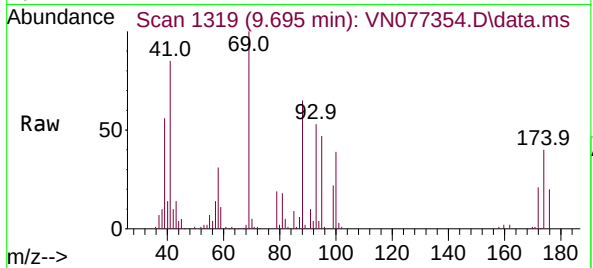
Tgt Ion: 41 Resp: 111651
Ion Ratio Lower Upper
41 100
69 109.0 85.0 127.6
39 68.5 53.5 80.3





#49
1,4-Dioxane
Concen: 381.189 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

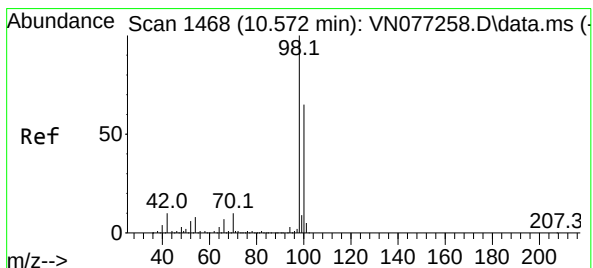
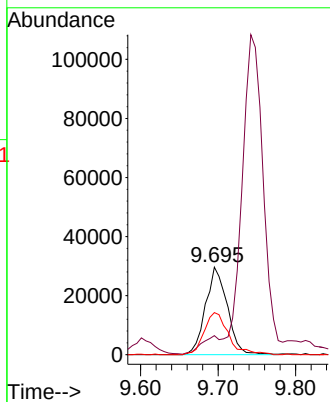
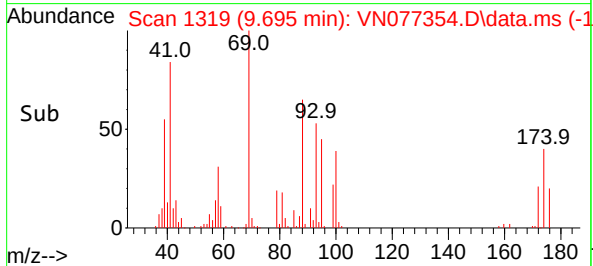
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



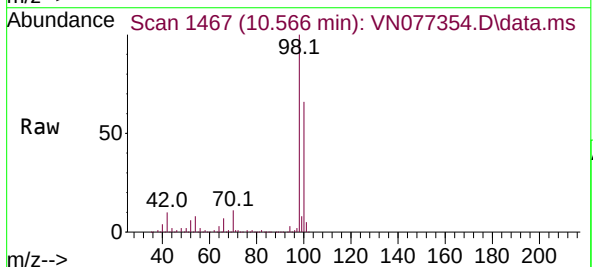
Tgt Ion: 88 Resp: 5797
Ion Ratio Lower Upper
88 100
43 16.8 17.0 25.6
58 53.6 49.8 74.6

Manual Integrations
APPROVED

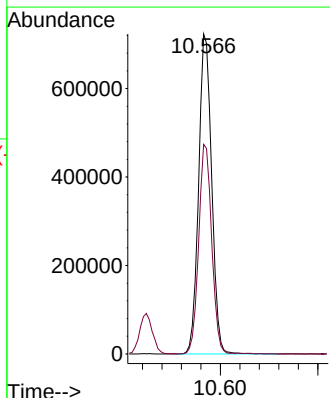
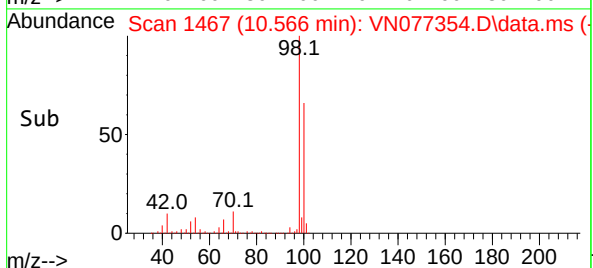
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

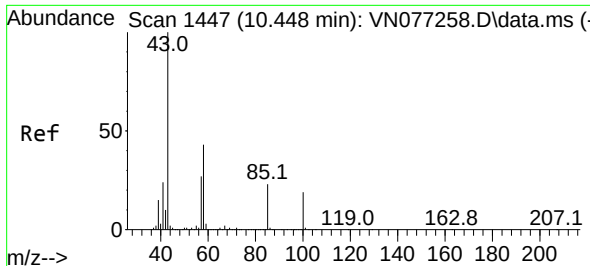


#50
Toluene-d8
Concen: 55.505 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.006 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42



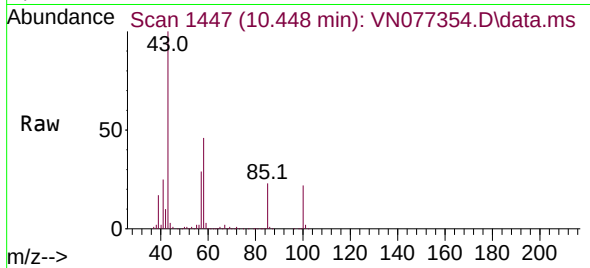
Tgt Ion: 98 Resp: 1345592
Ion Ratio Lower Upper
98 100
100 65.3 51.3 76.9





#51
4-Methyl-2-Pentanone
Concen: 88.399 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

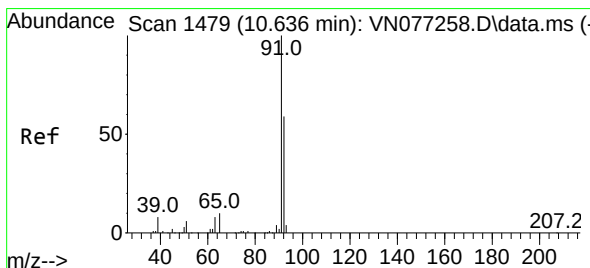
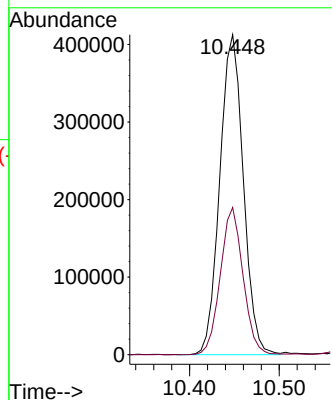
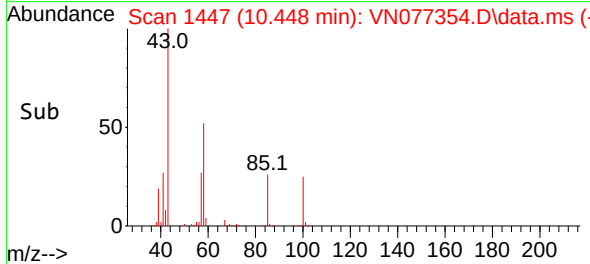
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



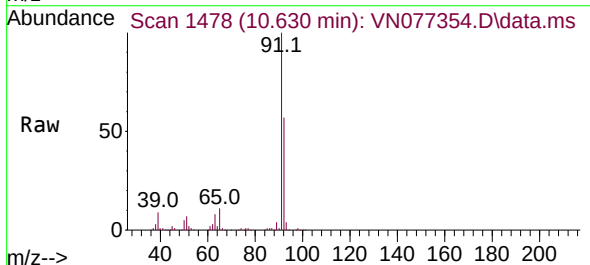
Tgt Ion: 43 Resp: 751340
Ion Ratio Lower Upper
43 100
58 44.4 34.6 52.0

Manual Integrations
APPROVED

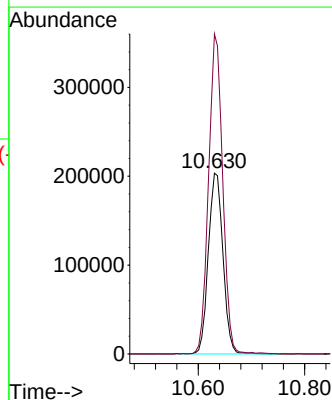
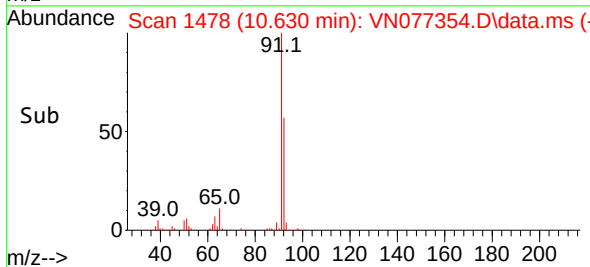
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

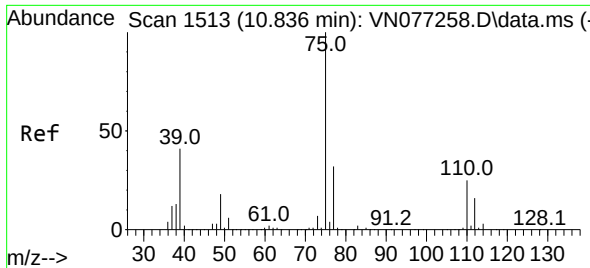


#52
Toluene
Concen: 21.267 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42



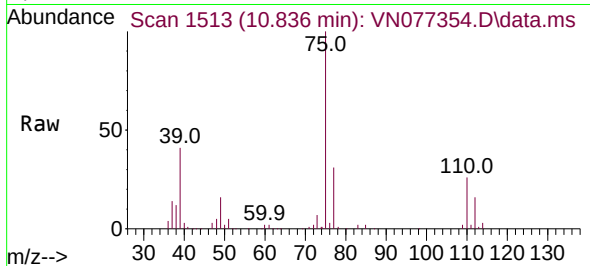
Tgt Ion: 92 Resp: 386723
Ion Ratio Lower Upper
92 100
91 171.7 138.0 207.0





#53
t-1,3-Dichloropropene
Concen: 20.906 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

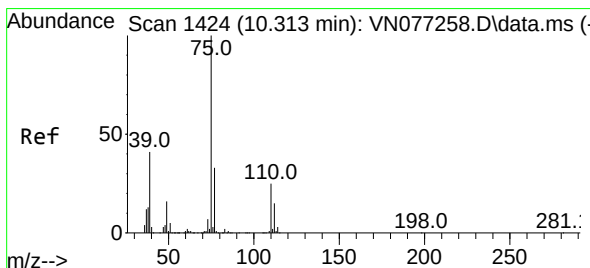
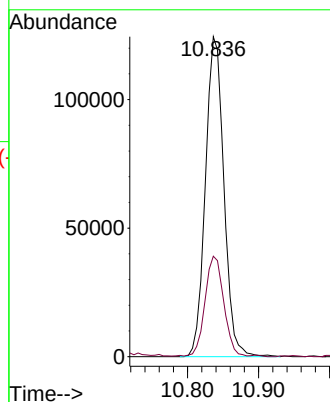
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



Tgt Ion: 75 Resp: 225560
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.0

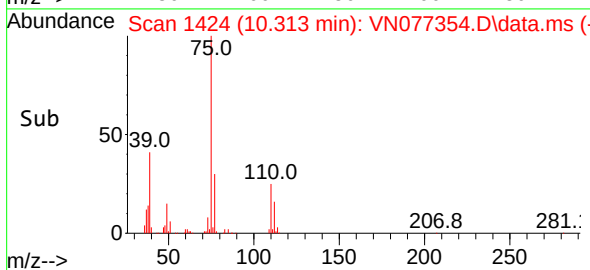
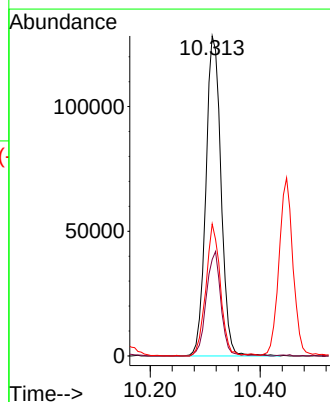
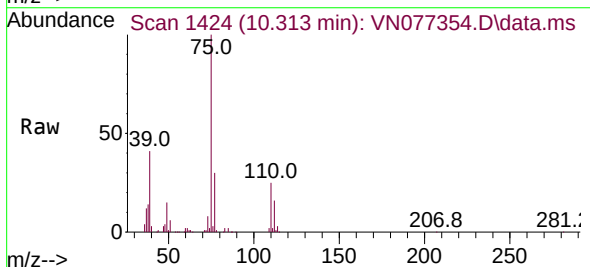
Manual Integrations
APPROVED

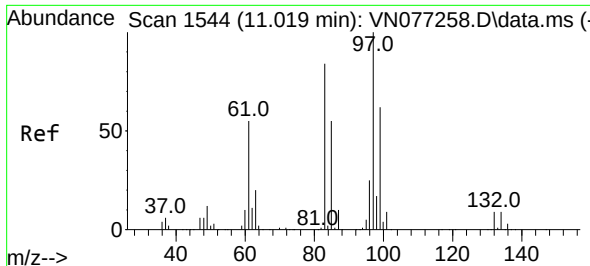
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#54
cis-1,3-Dichloropropene
Concen: 21.361 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

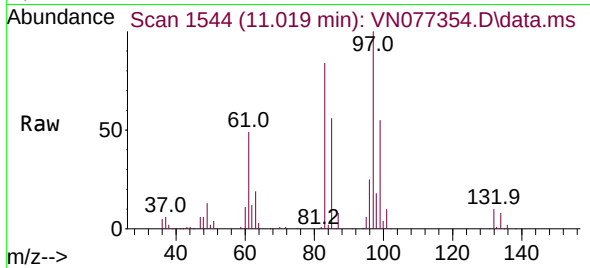
Tgt Ion: 75 Resp: 245491
Ion Ratio Lower Upper
75 100
77 30.1 26.7 40.1
39 41.2 32.8 49.2





#55
1,1,2-Trichloroethane
Concen: 20.885 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

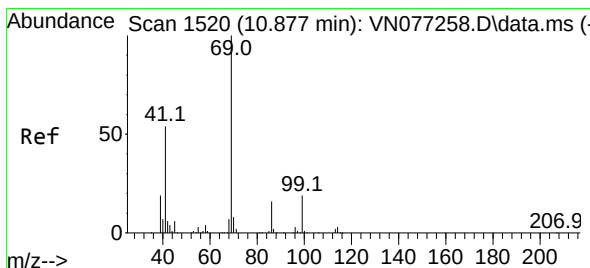
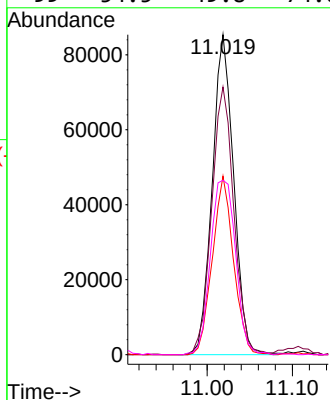
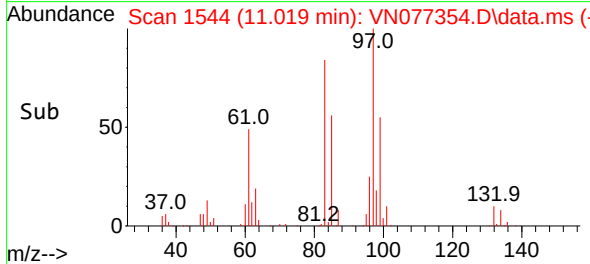
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



Tgt Ion:	97	Resp:	149074
Ion Ratio	100	Lower	Upper
97	100		
83	83.7	67.4	101.2
85	55.8	44.1	66.1
99	54.5	49.8	74.6

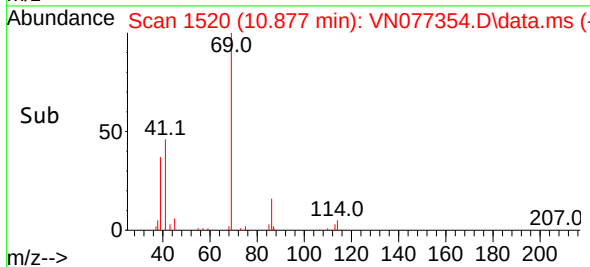
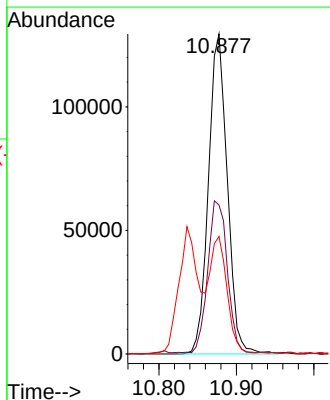
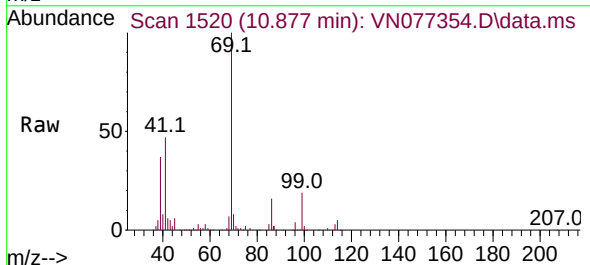
Manual Integrations
APPROVED

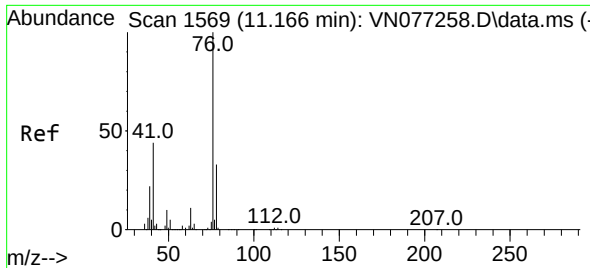
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#56
Ethyl methacrylate
Concen: 19.702 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

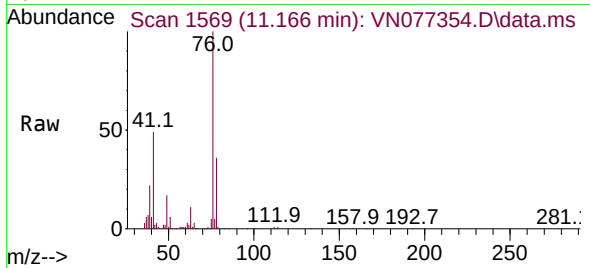
Tgt Ion:	69	Resp:	219044
Ion Ratio	100	Lower	Upper
69	100		
41	49.1	42.8	64.2
39	32.6	27.0	40.4





#57
1,3-Dichloropropane
Concen: 20.697 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

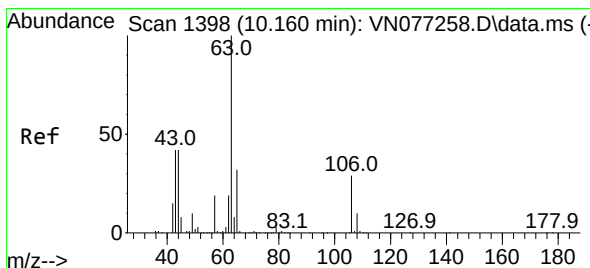
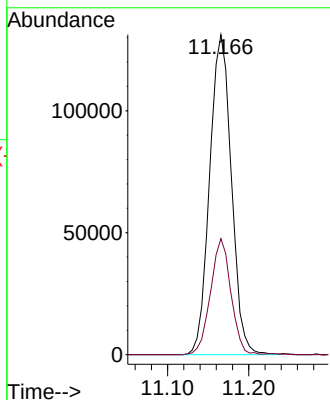
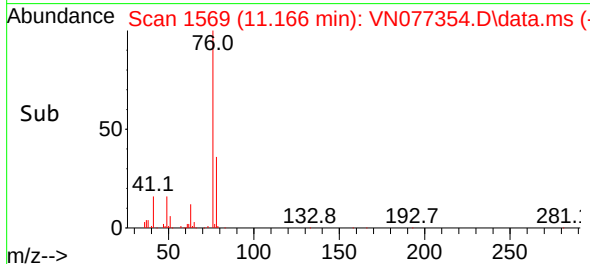
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



Tgt Ion: 76 Resp: 244068
Ion Ratio Lower Upper
76 100
78 34.0 26.2 39.4

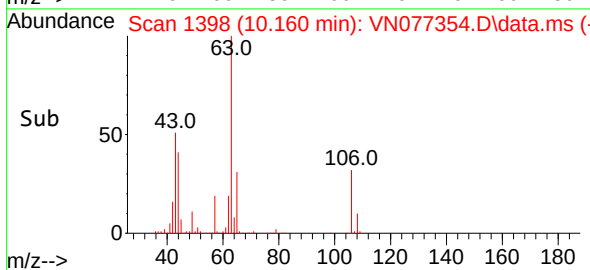
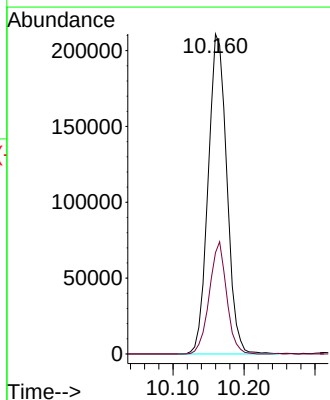
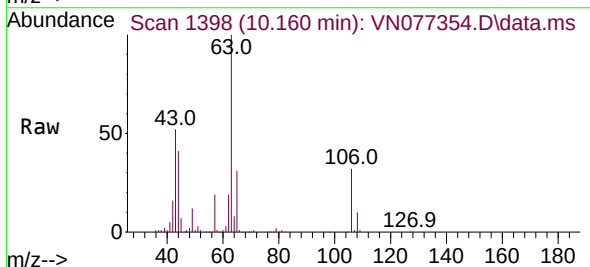
Manual Integrations
APPROVED

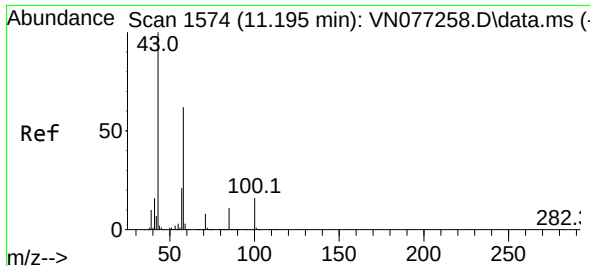
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#58
2-Chloroethyl Vinyl ether
Concen: 116.354 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

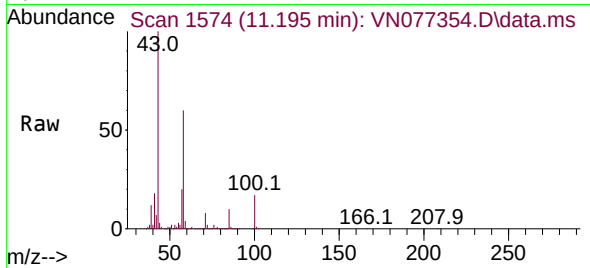
Tgt Ion: 63 Resp: 385083
Ion Ratio Lower Upper
63 100
106 32.5 24.1 36.1





#59
2-Hexanone
Concen: 88.572 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

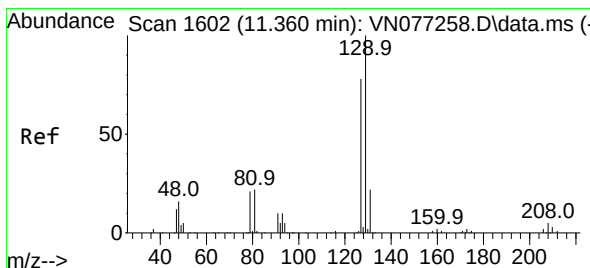
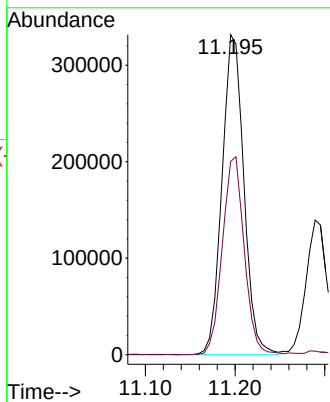
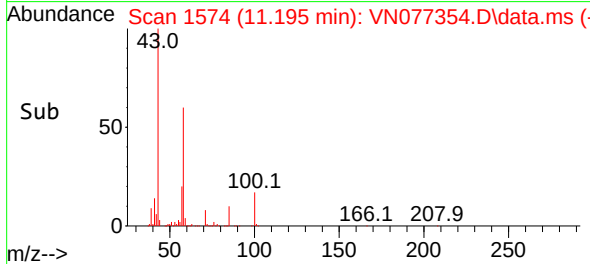
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



Tgt Ion: 43 Resp: 56084
Ion Ratio Lower Upper
43 100
58 62.0 30.9 92.5

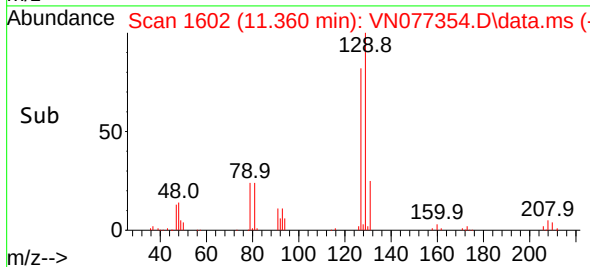
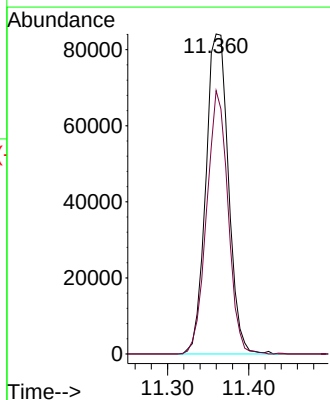
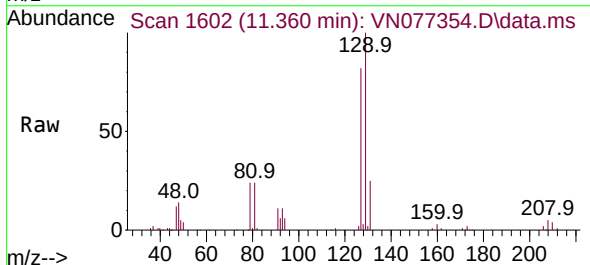
Manual Integrations
APPROVED

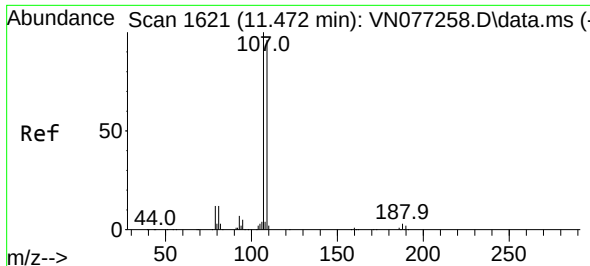
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#60
Dibromochloromethane
Concen: 22.157 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

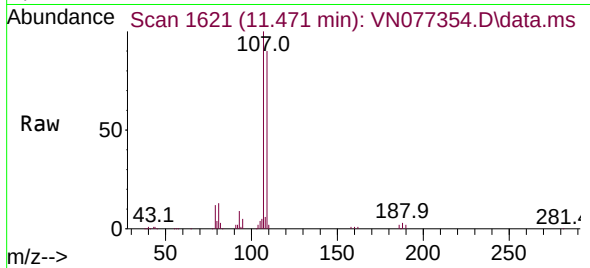
Tgt Ion:129 Resp: 162890
Ion Ratio Lower Upper
129 100
127 77.5 38.1 114.5





#61
1,2-Dibromoethane
Concen: 21.707 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.001 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

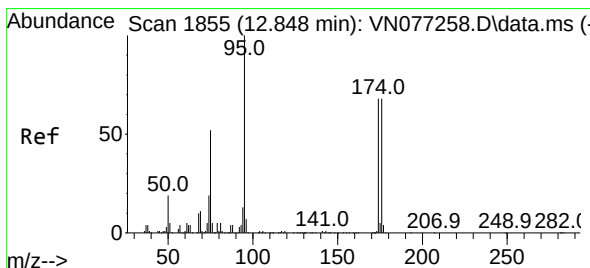
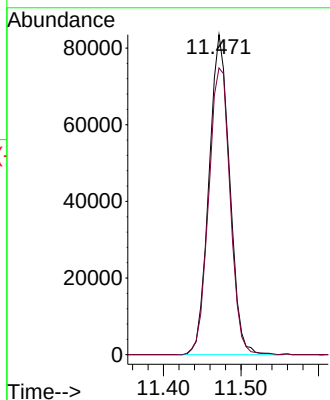
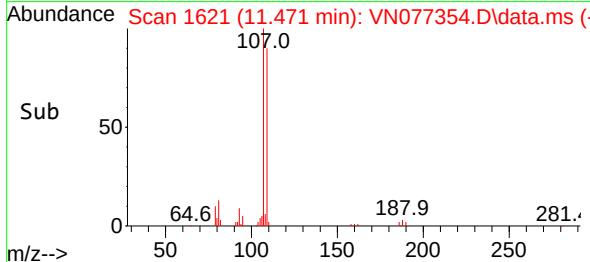
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



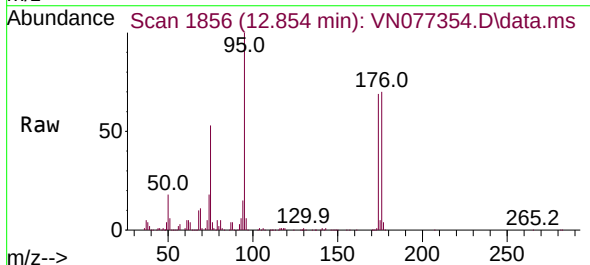
Tgt Ion:107 Resp: 15465
Ion Ratio Lower Upper
107 100
109 93.1 75.2 112.8

Manual Integrations
APPROVED

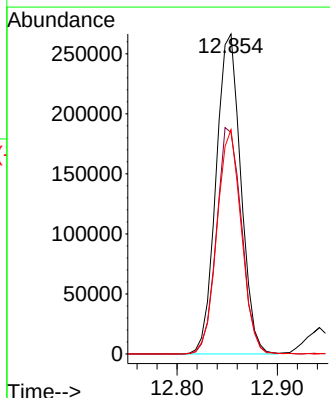
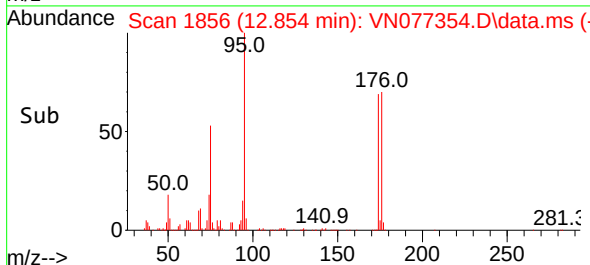
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

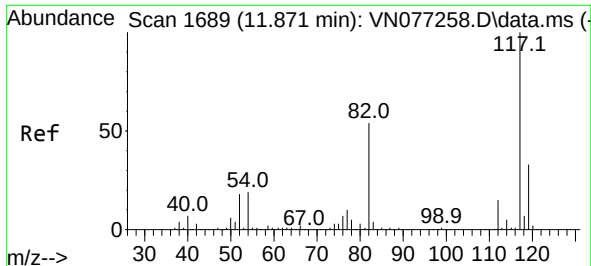


#62
4-Bromofluorobenzene
Concen: 56.696 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42



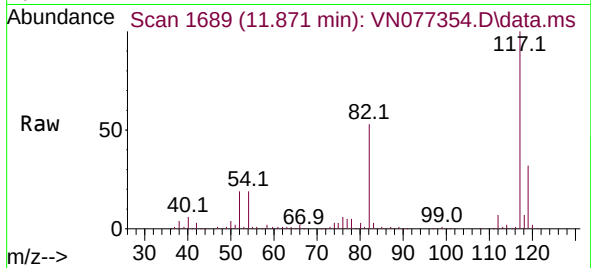
Tgt Ion: 95 Resp: 457129
Ion Ratio Lower Upper
95 100
174 71.7 0.0 146.8
176 69.1 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

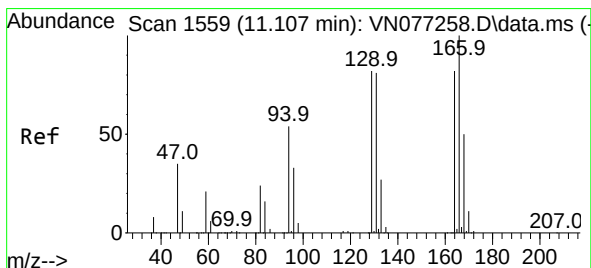
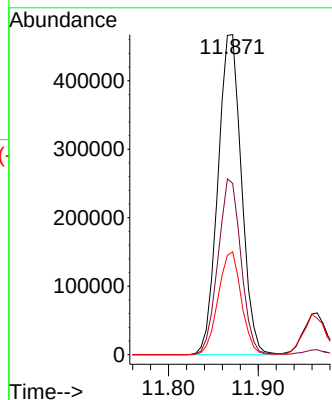
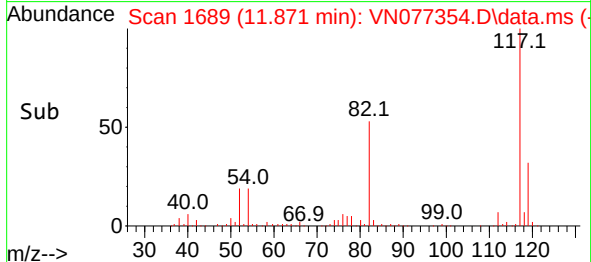
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



Tgt Ion:117 Resp: 851530
Ion Ratio Lower Upper
117 100
82 53.5 42.9 64.3
119 32.1 26.2 39.4

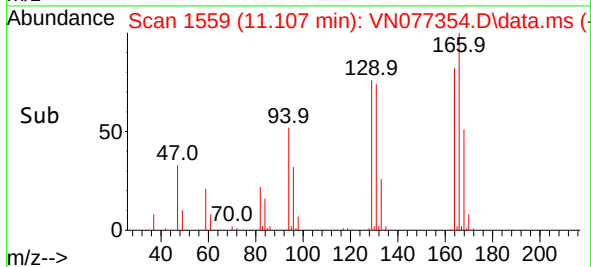
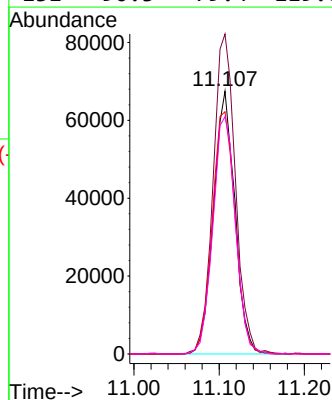
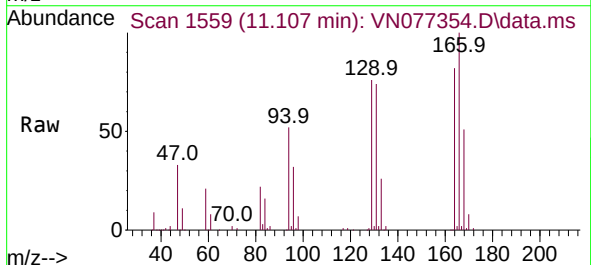
Manual Integrations
APPROVED

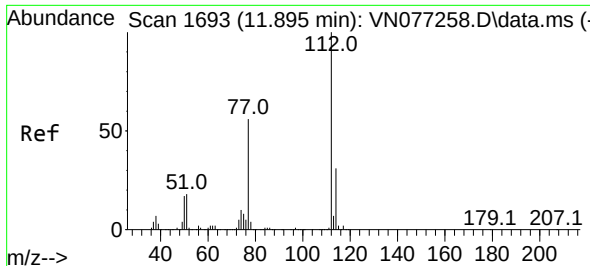
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#64
Tetrachloroethene
Concen: 22.460 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

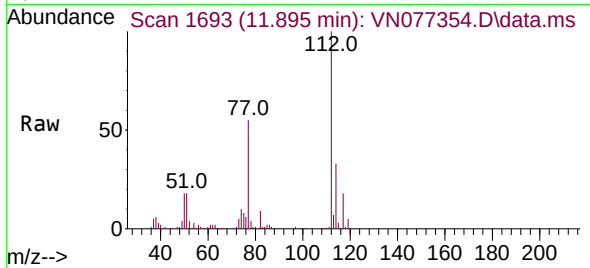
Tgt Ion:164 Resp: 118148
Ion Ratio Lower Upper
164 100
166 121.8 97.8 146.6
129 92.2 80.1 120.1
131 90.3 79.4 119.0





#65
Chlorobenzene
Concen: 21.832 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

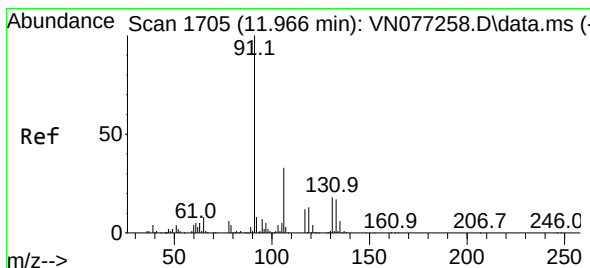
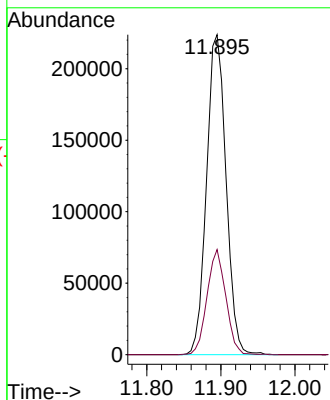
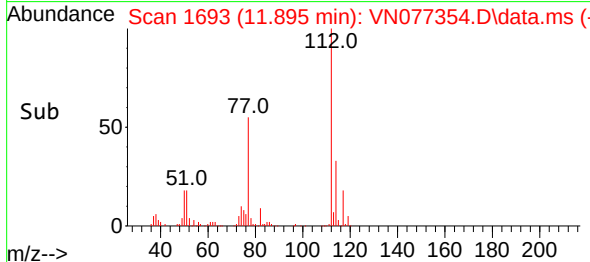
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



Tgt Ion:112 Resp: 409294
Ion Ratio Lower Upper
112 100
114 32.9 24.6 36.8

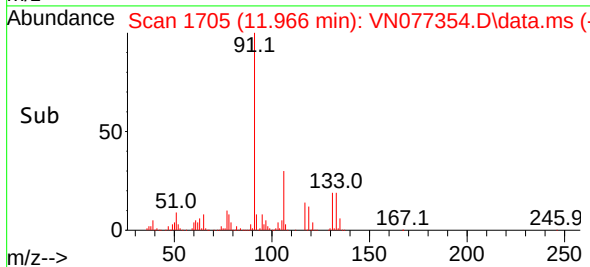
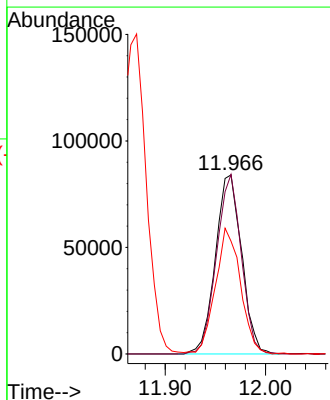
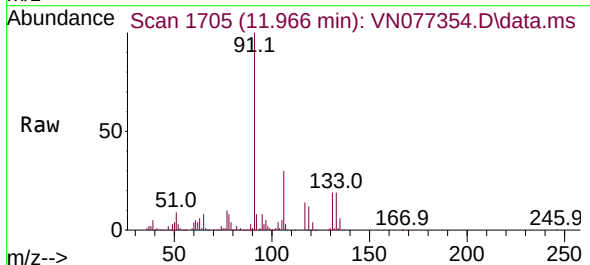
Manual Integrations
APPROVED

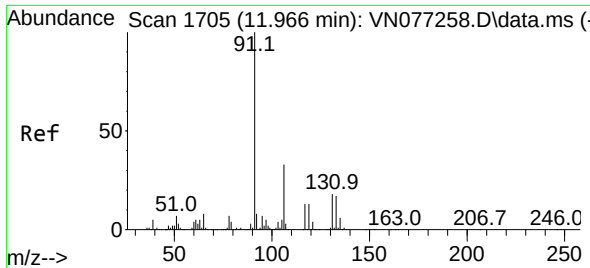
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 21.557 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

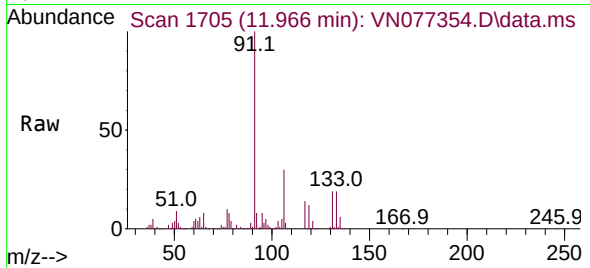
Tgt Ion:131 Resp: 152911
Ion Ratio Lower Upper
131 100
133 94.2 46.9 140.6
119 66.7 34.0 102.0





#67
Ethyl Benzene
Concen: 21.511 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

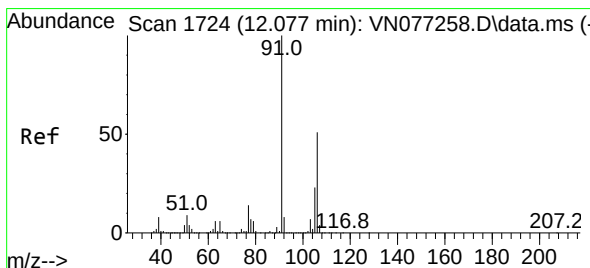
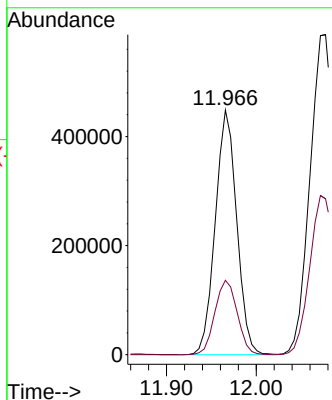
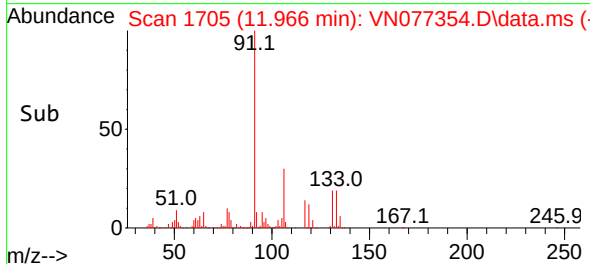
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



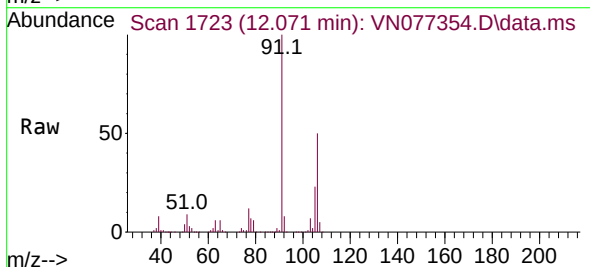
Tgt Ion: 91 Resp: 744175
Ion Ratio Lower Upper
91 100
106 30.5 26.2 39.2

Manual Integrations
APPROVED

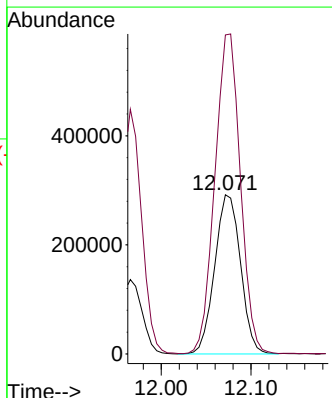
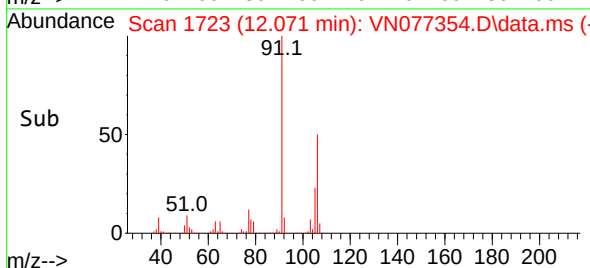
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

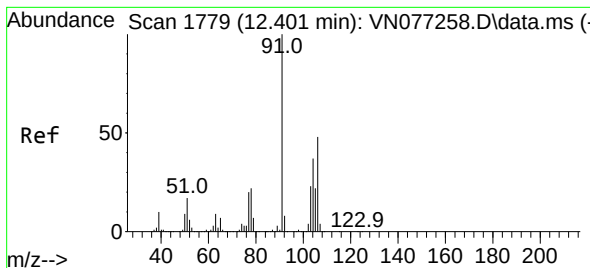


#68
m/p-Xylenes
Concen: 42.876 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42



Tgt Ion:106 Resp: 582817
Ion Ratio Lower Upper
106 100
91 198.5 158.7 238.1





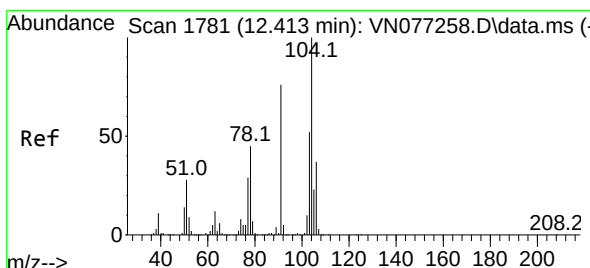
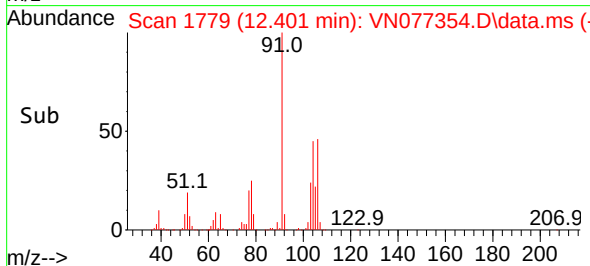
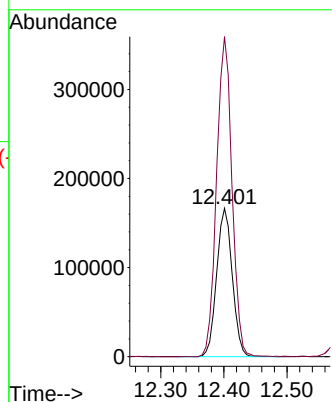
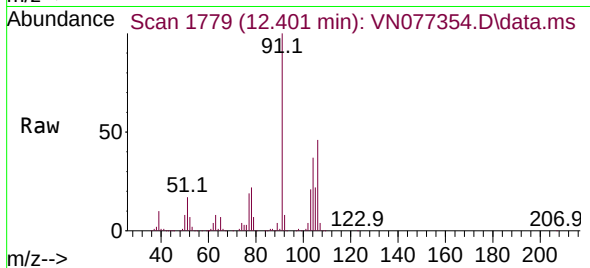
#69
o-Xylene
Concen: 21.320 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01

Tgt Ion:106 Resp: 285900
Ion Ratio Lower Upper
106 100
91 212.7 104.0 312.0

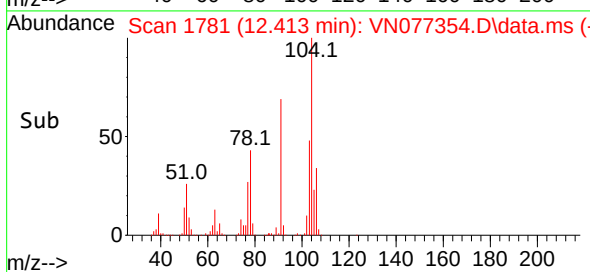
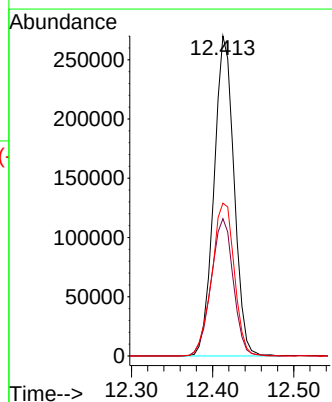
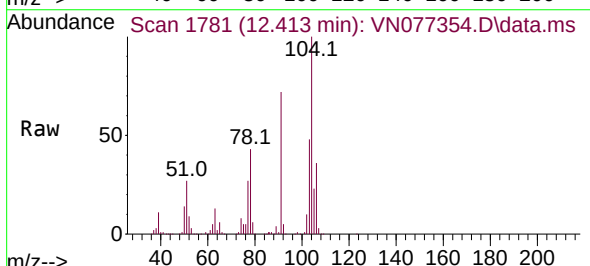
Manual Integrations
APPROVED

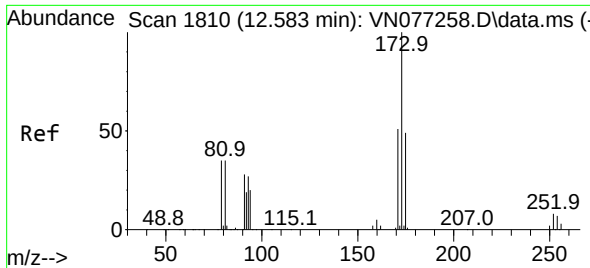
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#70
Styrene
Concen: 21.540 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

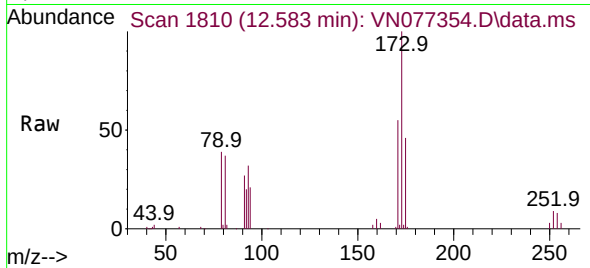
Tgt Ion:104 Resp: 464820
Ion Ratio Lower Upper
104 100
78 47.2 38.0 57.0
103 53.5 43.1 64.7





#71
Bromoform
Concen: 20.468 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

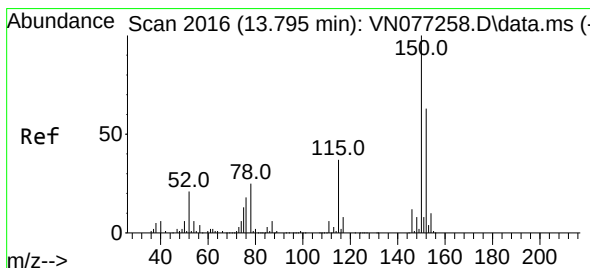
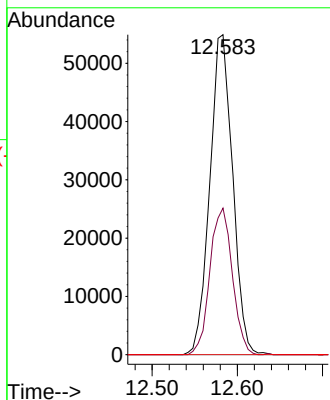
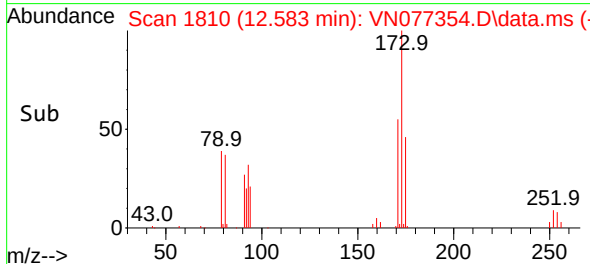
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



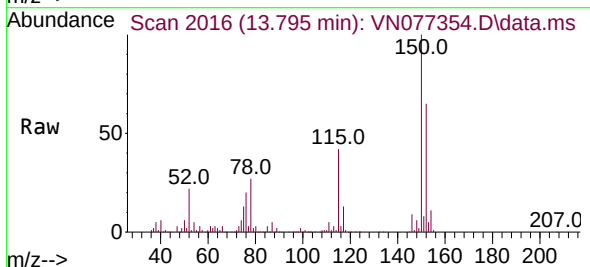
Tgt Ion:173 Resp: 102200
Ion Ratio Lower Upper
173 100
175 45.0 24.1 72.4
254 0.0 0.1 0.1

Manual Integrations
APPROVED

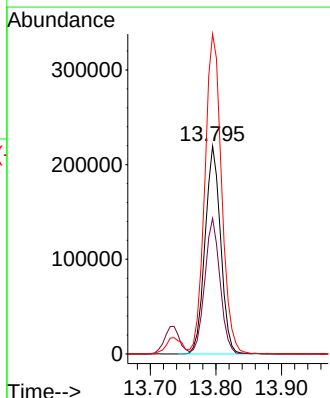
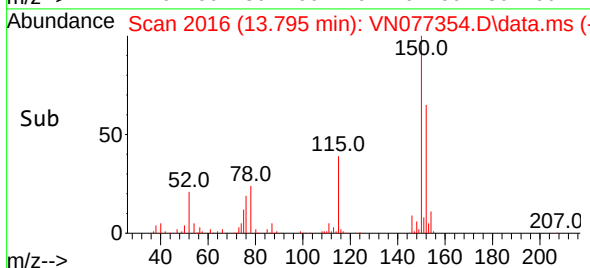
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

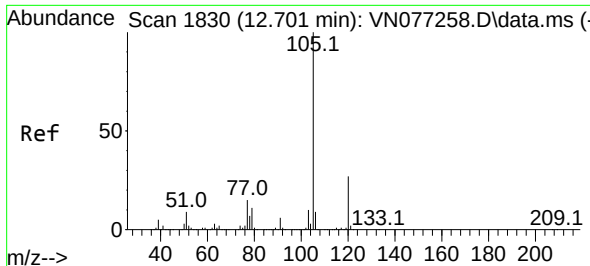


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42



Tgt Ion:152 Resp: 362268
Ion Ratio Lower Upper
152 100
115 63.7 32.1 96.3
150 165.7 0.0 354.8





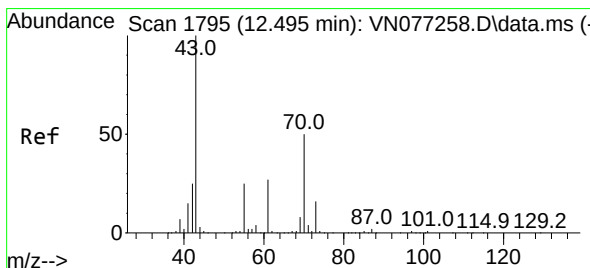
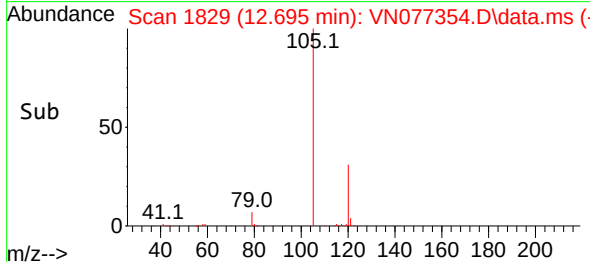
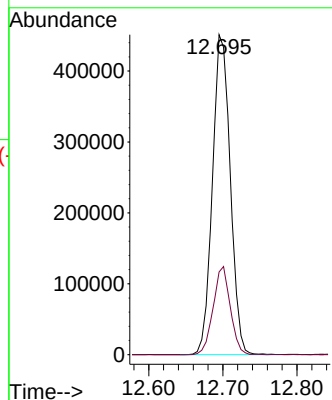
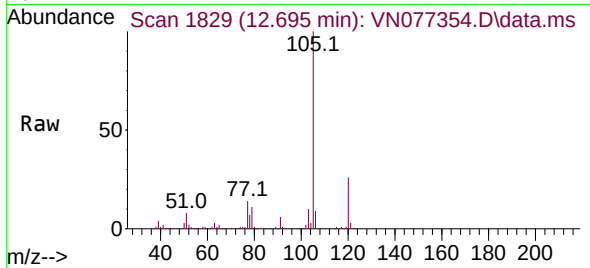
#73
Isopropylbenzene
Concen: 21.423 ug/l
RT: 12.695 min Scan# 1830
Delta R.T. -0.006 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01

Tgt Ion:105 Resp: 75380
Ion Ratio Lower Upper
105 100
120 26.5 13.2 39.6

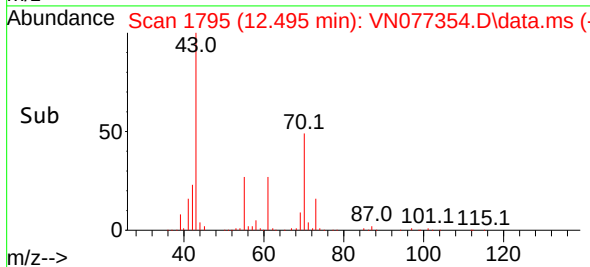
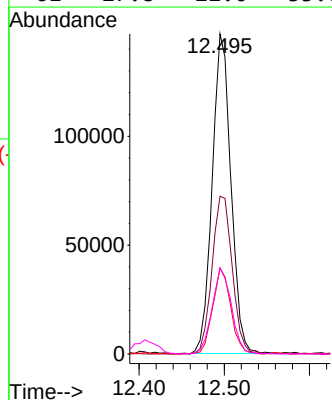
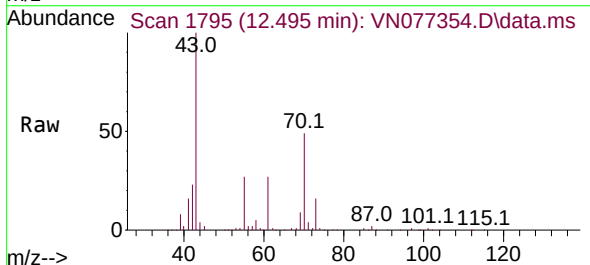
Manual Integrations
APPROVED

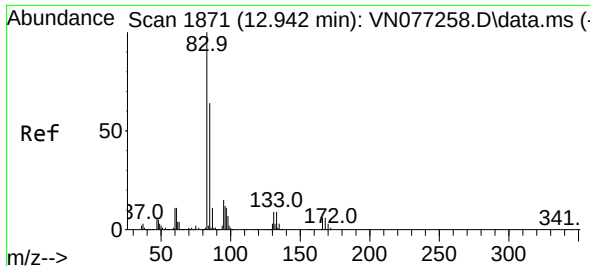
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#74
N-ethyl acetate
Concen: 16.768 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

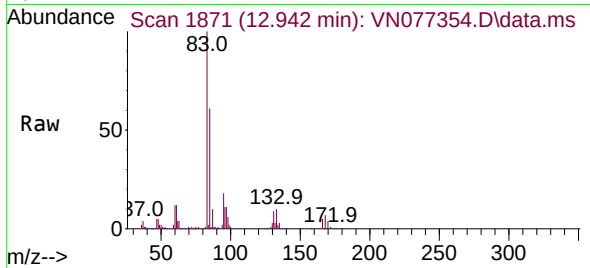
Tgt Ion: 43 Resp: 223597
Ion Ratio Lower Upper
43 100
70 53.4 41.0 61.6
55 26.1 19.3 28.9
61 27.8 22.0 33.0





#75
1,1,2,2-Tetrachloroethane
Concen: 19.891 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

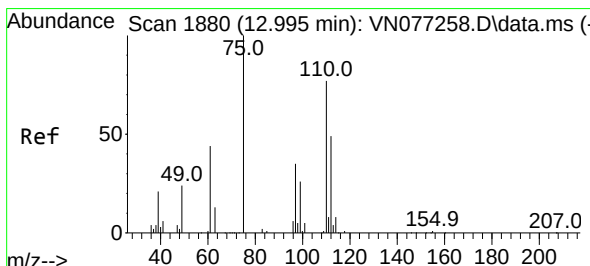
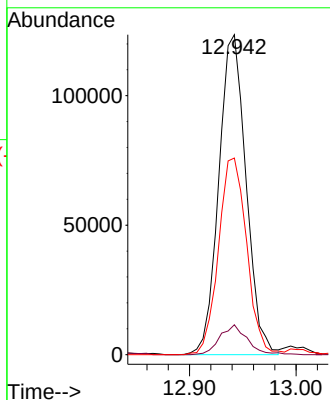
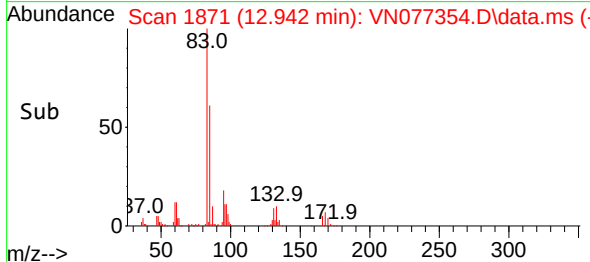
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



Tgt Ion: 83 Resp: 219640
Ion Ratio Lower Upper
83 100
131 9.4 4.9 14.6
85 63.6 32.1 96.3

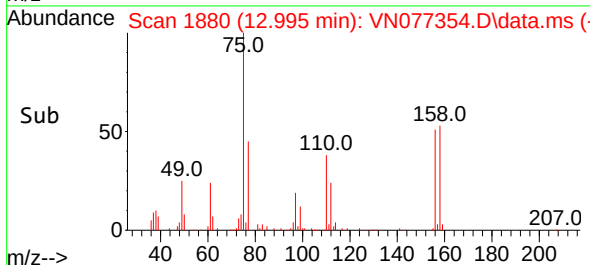
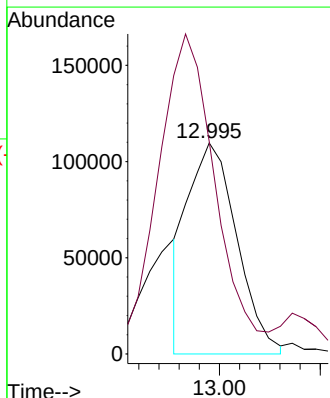
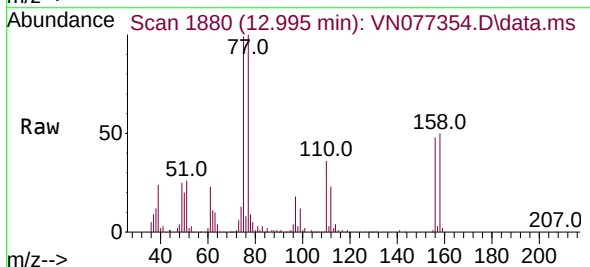
Manual Integrations
APPROVED

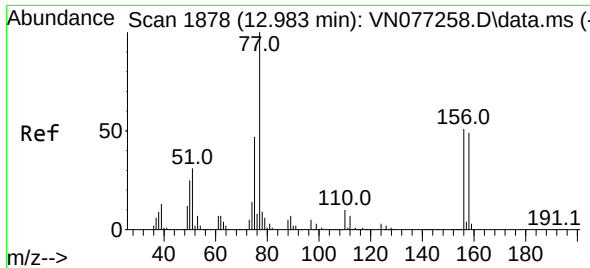
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#76
1,2,3-Trichloropropane
Concen: 21.511 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

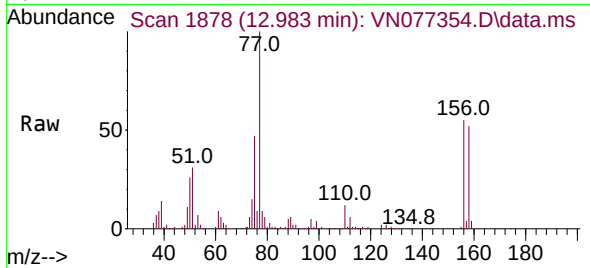
Tgt Ion: 75 Resp: 185568
Ion Ratio Lower Upper
75 100
77 178.8 88.3 264.9





#77
Bromobenzene
Concen: 21.988 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

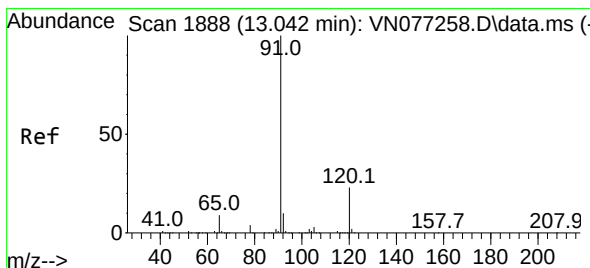
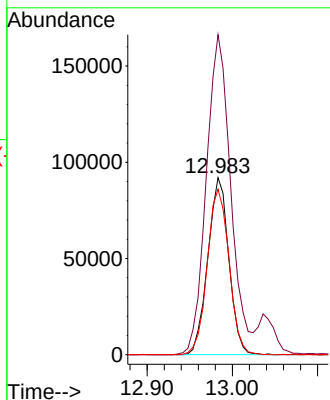
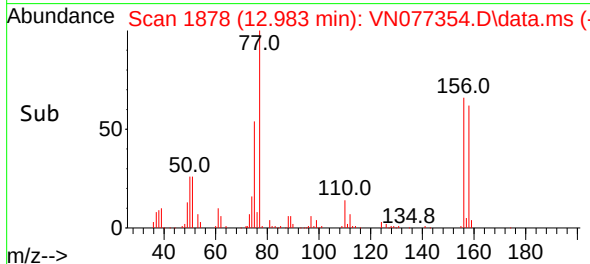
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



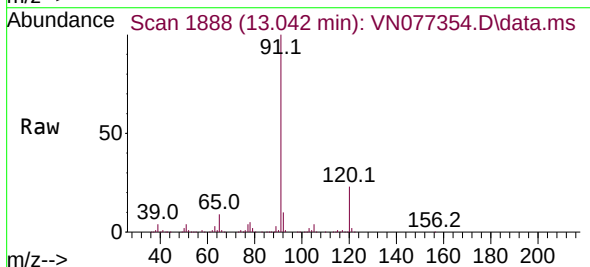
Tgt Ion: 156 Resp: 157319
Ion Ratio Lower Upper
156 100
77 210.9 115.3 345.8
158 97.2 49.3 147.8

Manual Integrations
APPROVED

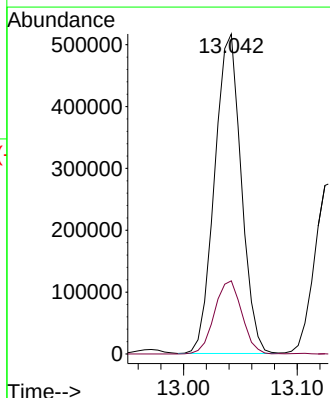
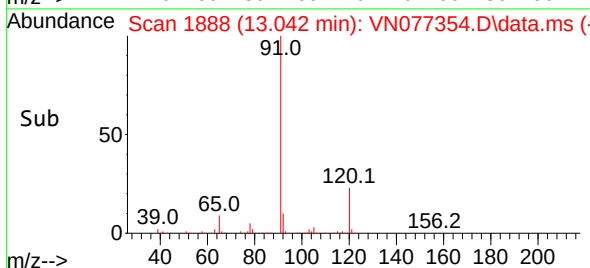
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

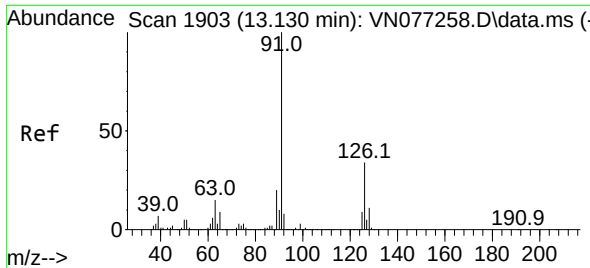


#78
n-propylbenzene
Concen: 21.647 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. -0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42



Tgt Ion: 91 Resp: 841595
Ion Ratio Lower Upper
91 100
120 23.5 11.5 34.5





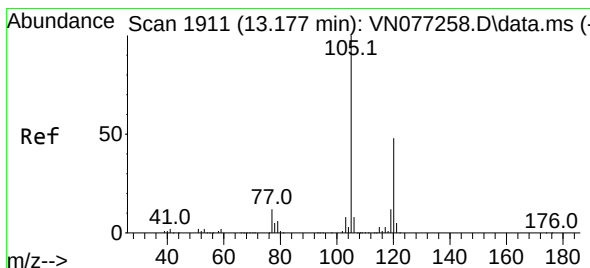
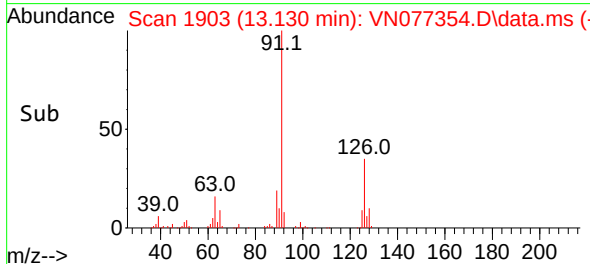
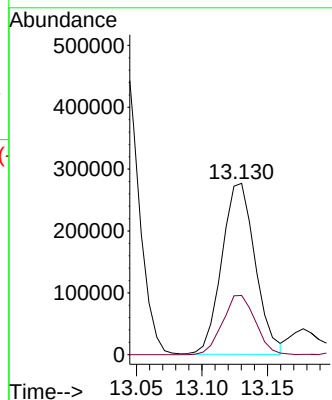
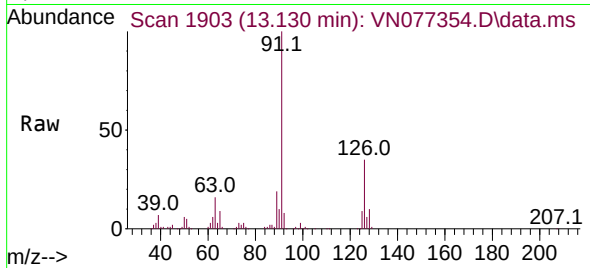
#79
2-Chlorotoluene
Concen: 20.959 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01

Tgt Ion: 91 Resp: 49066
Ion Ratio Lower Upper
91 100
126 34.0 16.8 50.4

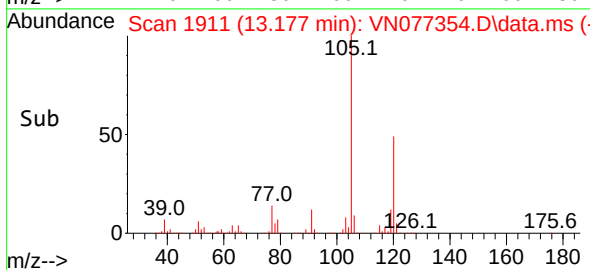
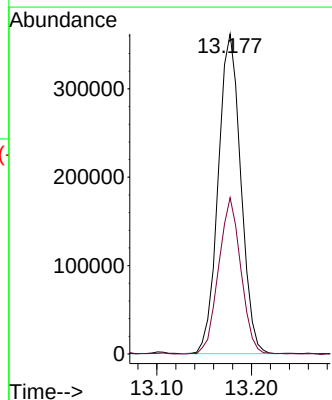
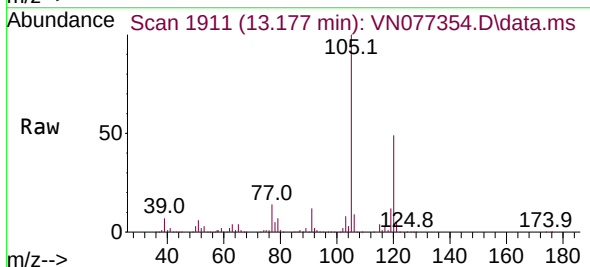
Manual Integrations
APPROVED

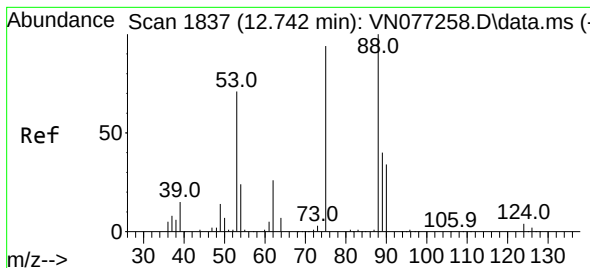
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#80
1,3,5-Trimethylbenzene
Concen: 21.309 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

Tgt Ion:105 Resp: 598880
Ion Ratio Lower Upper
105 100
120 48.3 24.3 73.0





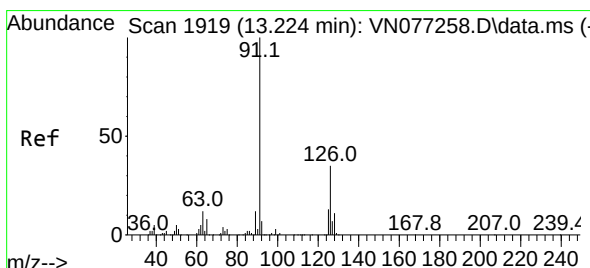
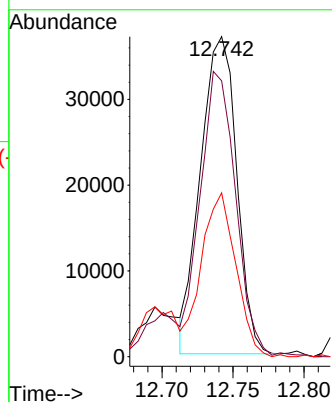
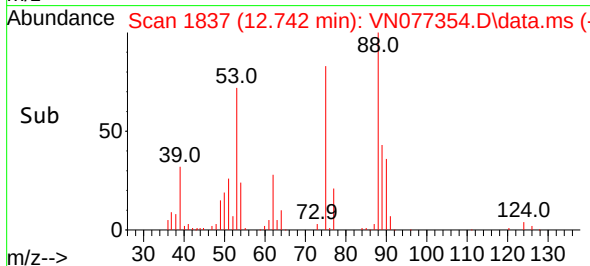
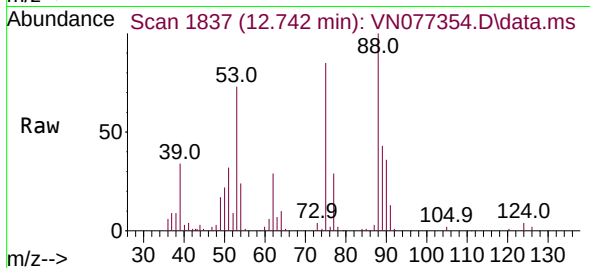
#81
trans-1,4-Dichloro-2-butene
Concen: 17.076 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01

Tgt Ion: 75 Resp: 65463
Ion Ratio Lower Upper
75 100
53 89.0 72.8 109.2
89 49.6 37.4 56.2

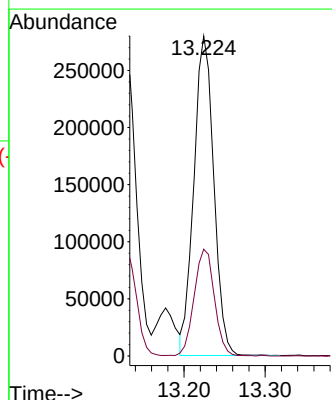
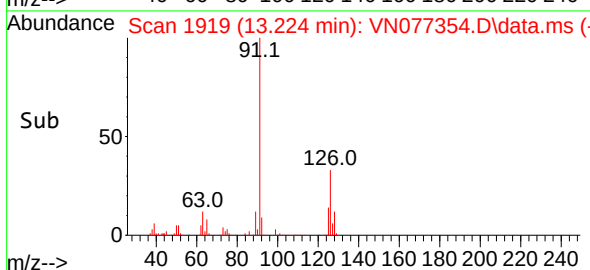
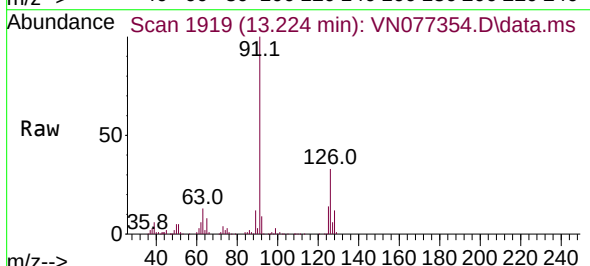
Manual Integrations
APPROVED

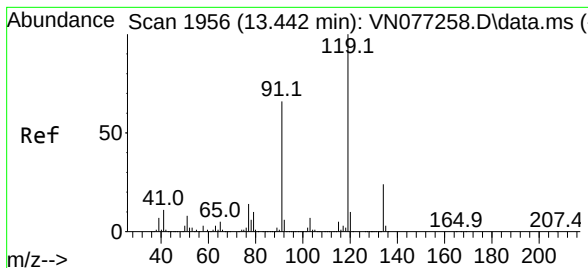
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#82
4-Chlorotoluene
Concen: 21.609 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

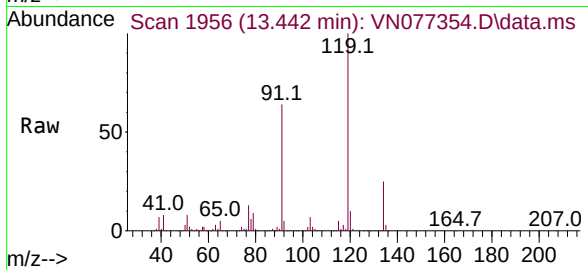
Tgt Ion: 91 Resp: 476963
Ion Ratio Lower Upper
91 100
126 34.1 16.9 50.7





#83
tert-Butylbenzene
Concen: 21.460 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

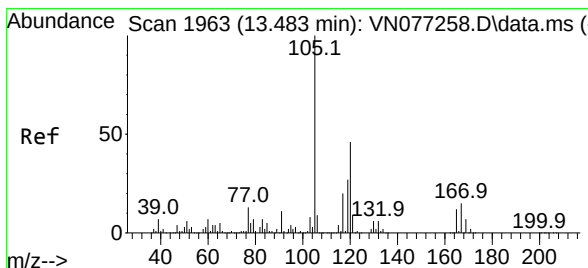
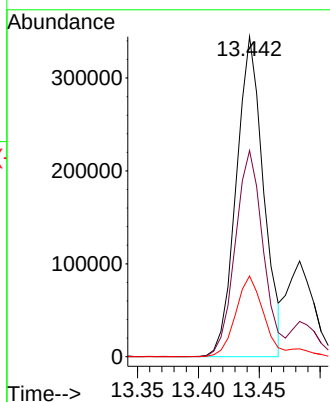
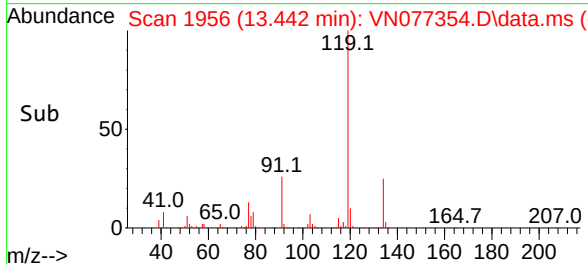
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



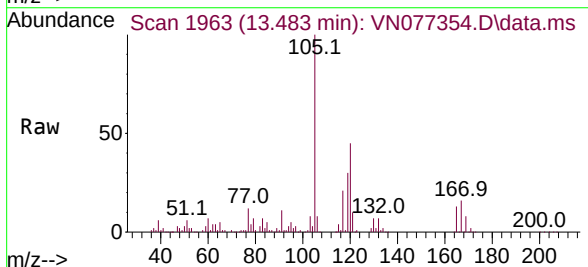
Tgt Ion:119 Resp: 536829
Ion Ratio Lower Upper
119 100
91 66.4 33.5 100.4
134 27.5 13.3 39.9

Manual Integrations
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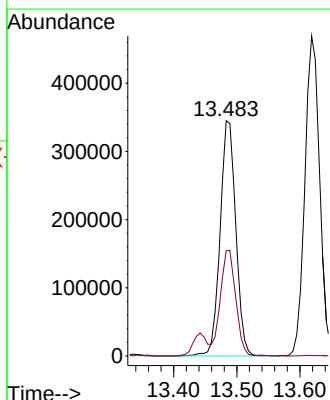
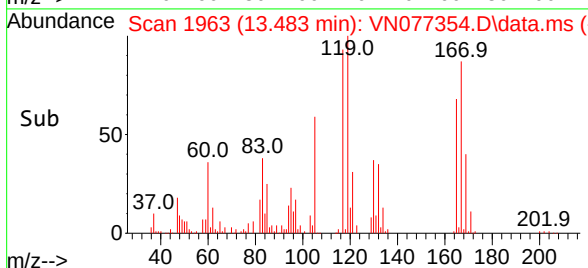
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

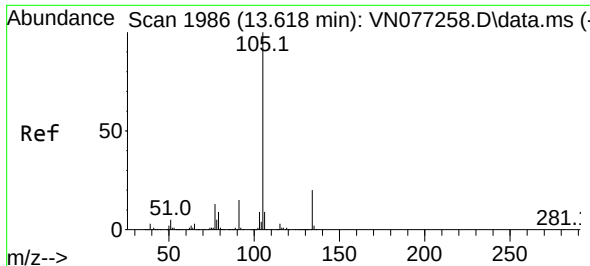


#84
1,2,4-Trimethylbenzene
Concen: 21.499 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42



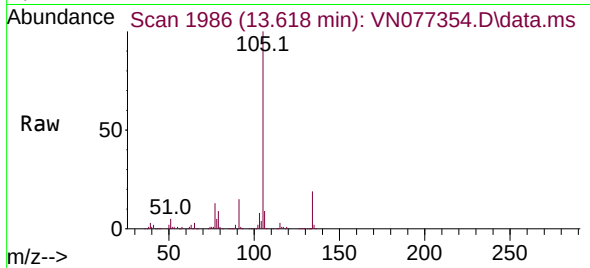
Tgt Ion:105 Resp: 596904
Ion Ratio Lower Upper
105 100
120 43.7 22.5 67.5





#85
 sec-Butylbenzene
 Concen: 21.863 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077354.D
 Acq: 17 Apr 2023 13:42

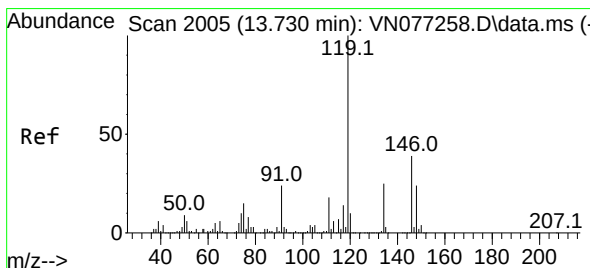
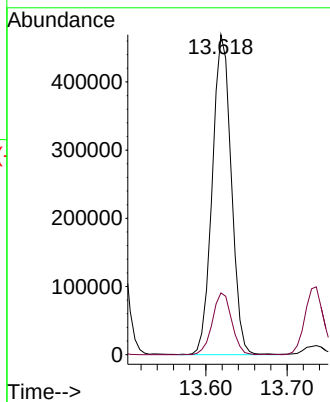
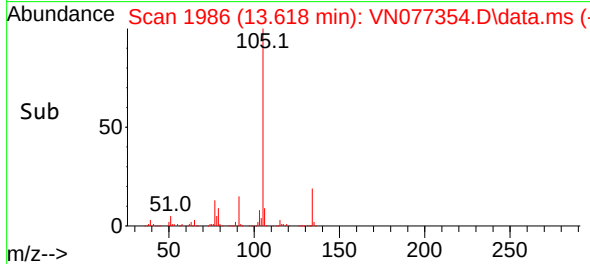
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0417WBSD01



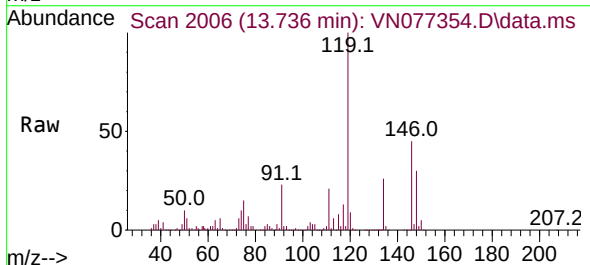
Tgt Ion:105 Resp: 762199
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.4

Manual Integrations
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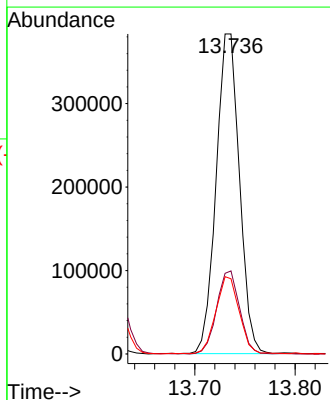
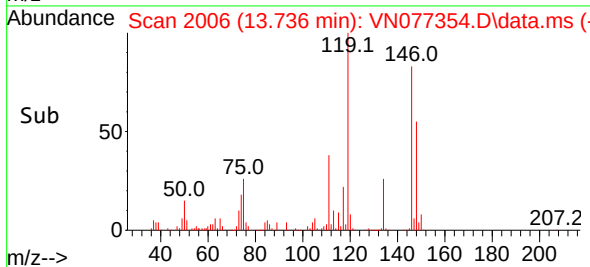
Reviewed By :John Carlone 04/18/2023
 Supervised By :Mahesh Dadoda 04/18/2023

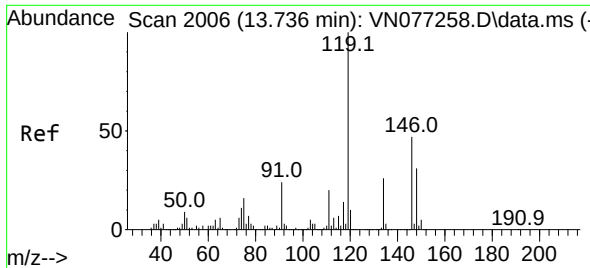


#86
 p-Isopropyltoluene
 Concen: 22.534 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN077354.D
 Acq: 17 Apr 2023 13:42



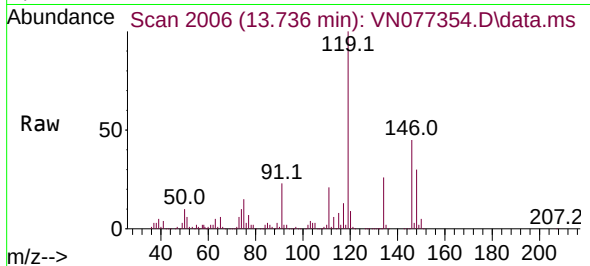
Tgt Ion:119 Resp: 617409
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.9 38.6
 91 24.0 12.3 36.8





#87
1,3-Dichlorobenzene
Concen: 21.919 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

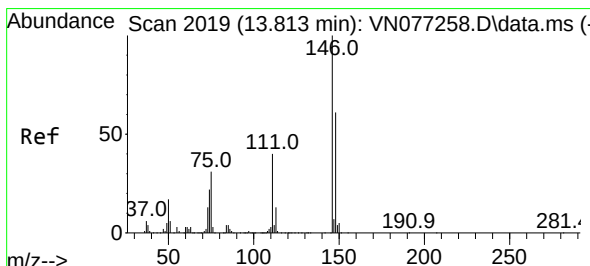
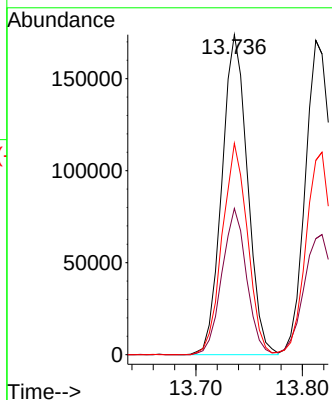
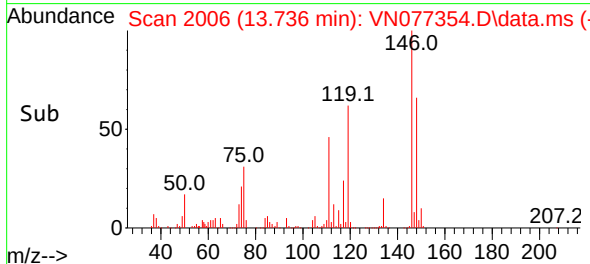
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



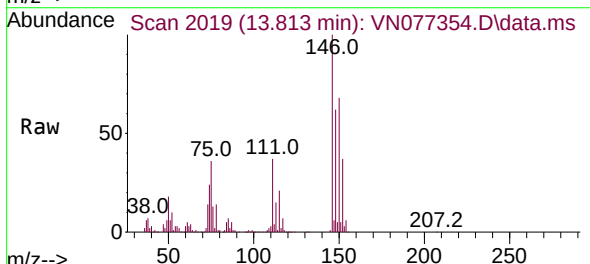
Tgt Ion:146 Resp: 29012
Ion Ratio Lower Upper
146 100
111 43.9 21.8 65.4
148 65.1 31.7 95.1

Manual Integrations
APPROVED

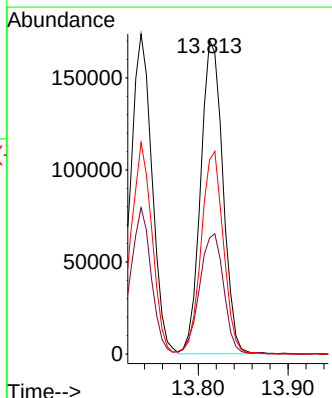
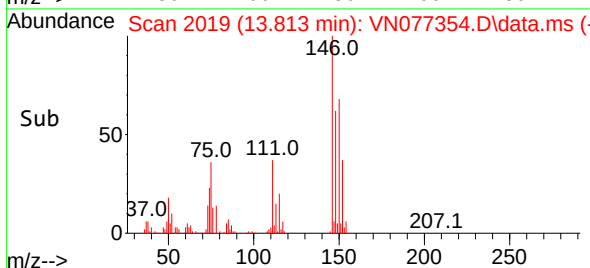
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

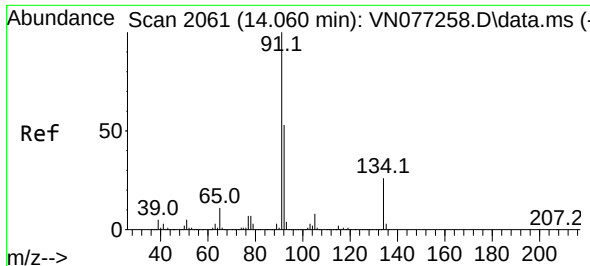


#88
1,4-Dichlorobenzene
Concen: 22.416 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42



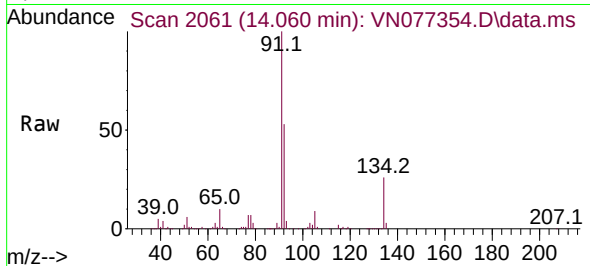
Tgt Ion:146 Resp: 292601
Ion Ratio Lower Upper
146 100
111 41.2 20.4 61.2
148 64.7 31.6 95.0





#89
n-Butylbenzene
Concen: 21.700 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

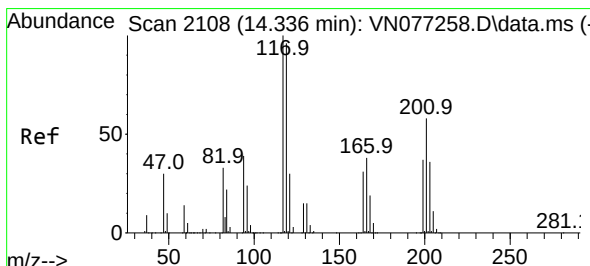
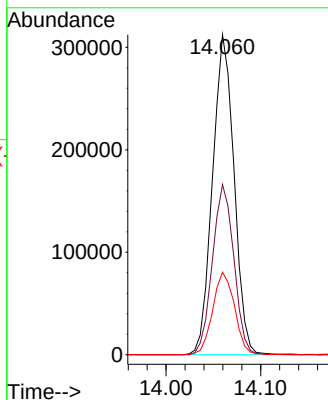
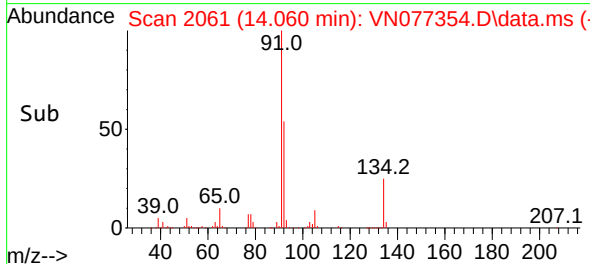
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



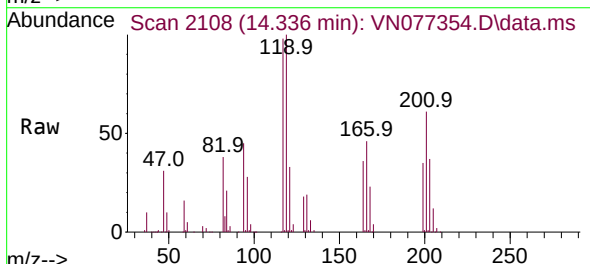
Tgt Ion: 91 Resp: 493579
Ion Ratio Lower Upper
91 100
92 53.1 26.7 80.0
134 26.2 12.8 38.3

Manual Integrations
APPROVED

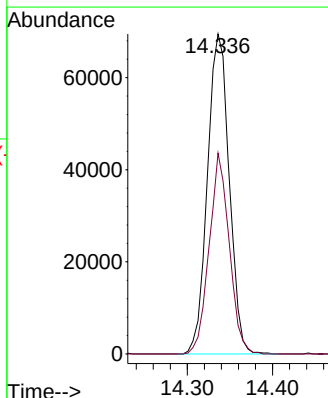
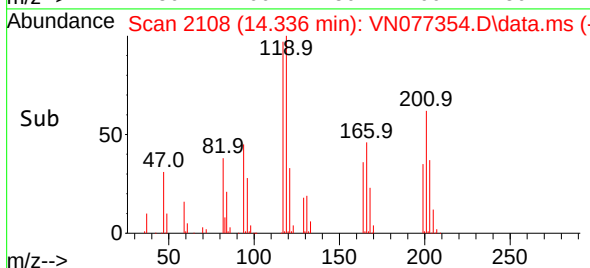
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

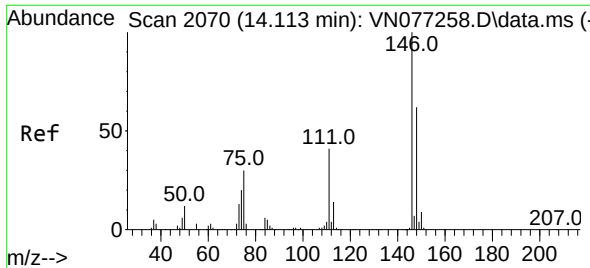


#90
Hexachloroethane
Concen: 20.623 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42



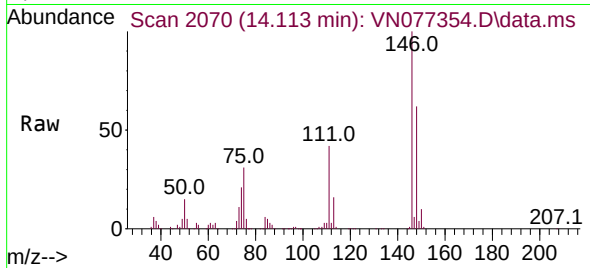
Tgt Ion:117 Resp: 123546
Ion Ratio Lower Upper
117 100
201 58.0 29.8 89.5





#91
1,2-Dichlorobenzene
Concen: 21.859 ug/l
RT: 14.113 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

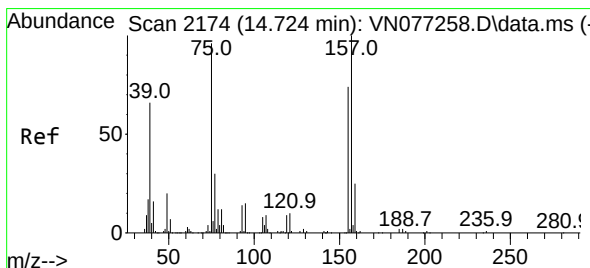
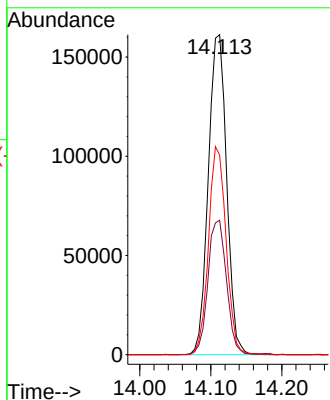
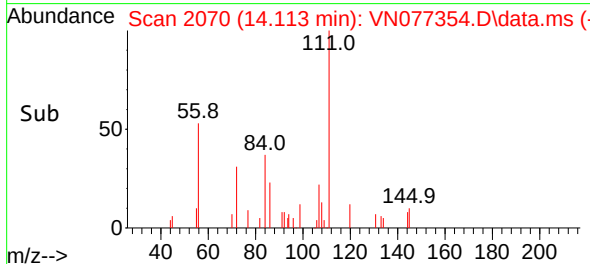
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



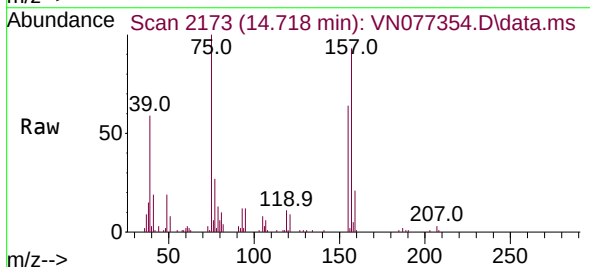
Tgt Ion:146 Resp: 289440
Ion Ratio Lower Upper
146 100
111 42.5 21.9 65.5
148 62.3 31.9 95.5

Manual Integrations
APPROVED

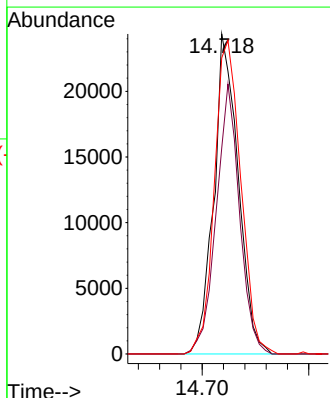
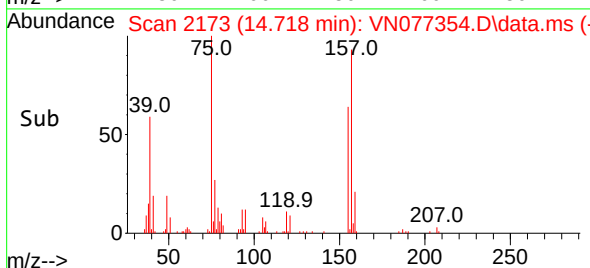
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

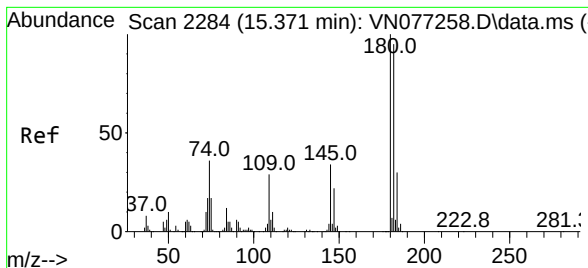


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.569 ug/l
RT: 14.718 min Scan# 2173
Delta R.T. -0.006 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42



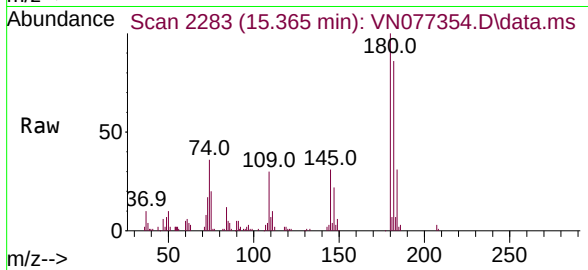
Tgt Ion: 75 Resp: 38859
Ion Ratio Lower Upper
75 100
155 80.2 41.0 123.2
157 105.5 54.0 162.0





#93
1,2,4-Trichlorobenzene
Concen: 16.821 ug/l
RT: 15.365 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

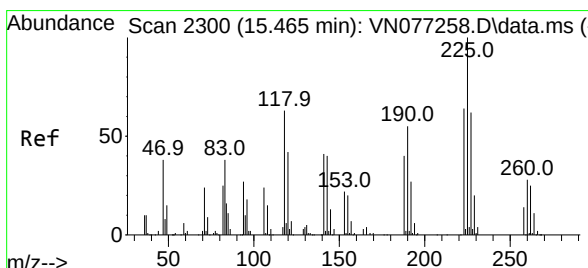
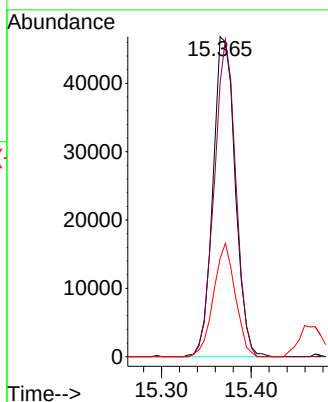
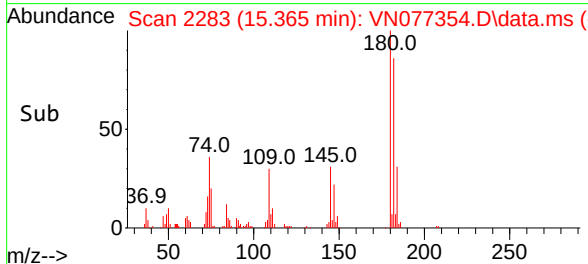
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



Tgt Ion:180 Resp: 80408
Ion Ratio Lower Upper
180 100
182 96.1 46.7 140.0
145 34.6 16.6 49.8

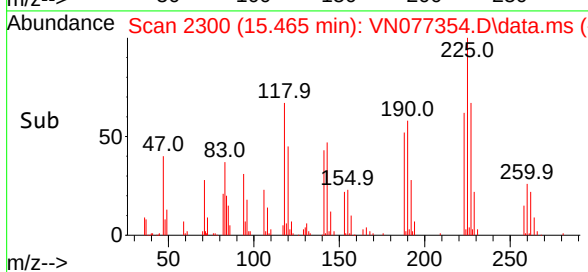
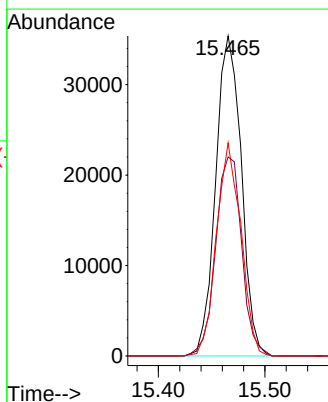
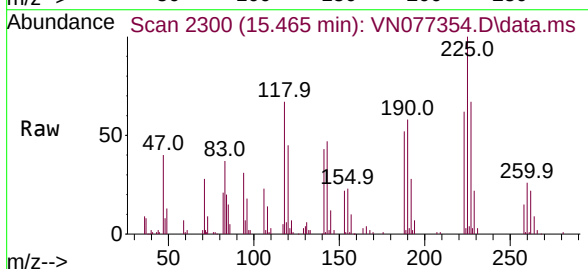
Manual Integrations
APPROVED

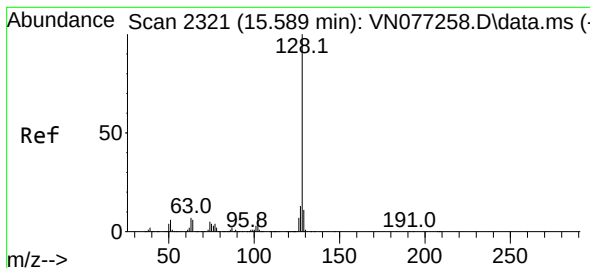
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#94
Hexachlorobutadiene
Concen: 21.339 ug/l
RT: 15.465 min Scan# 2300
Delta R.T. 0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

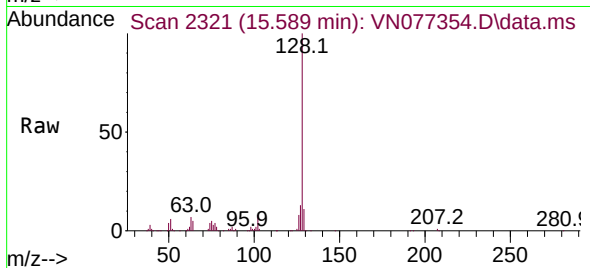
Tgt Ion:225 Resp: 59044
Ion Ratio Lower Upper
225 100
223 63.3 31.7 95.1
227 63.8 31.2 93.6





#95
Naphthalene
Concen: 16.622 ug/l
RT: 15.589 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42

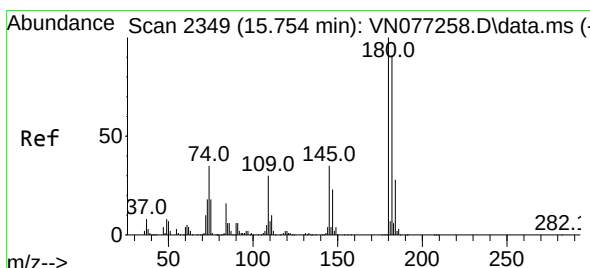
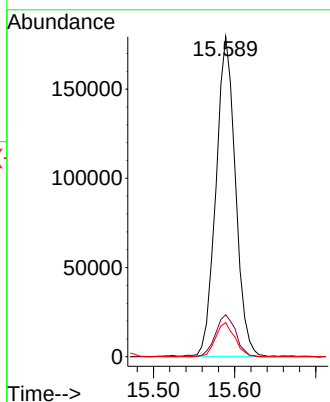
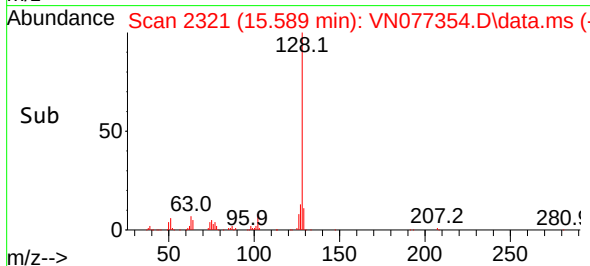
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



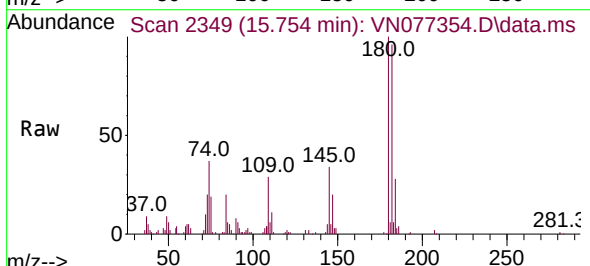
Tgt Ion:128 Resp: 29848
Ion Ratio Lower Upper
128 100
127 13.7 10.2 15.4
129 10.6 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#96
1,2,3-Trichlorobenzene
Concen: 17.226 ug/l
RT: 15.754 min Scan# 2349
Delta R.T. -0.000 min
Lab File: VN077354.D
Acq: 17 Apr 2023 13:42



Tgt Ion:180 Resp: 78759
Ion Ratio Lower Upper
180 100
182 90.4 46.9 140.8
145 34.3 17.6 52.8

