

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050123\
 Data File : VN077544.D
 Acq On : 01 May 2023 15:49
 Operator : JC\MD
 Sample : 02535-02DL 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-9DL

Quant Time: May 01 22:02:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

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

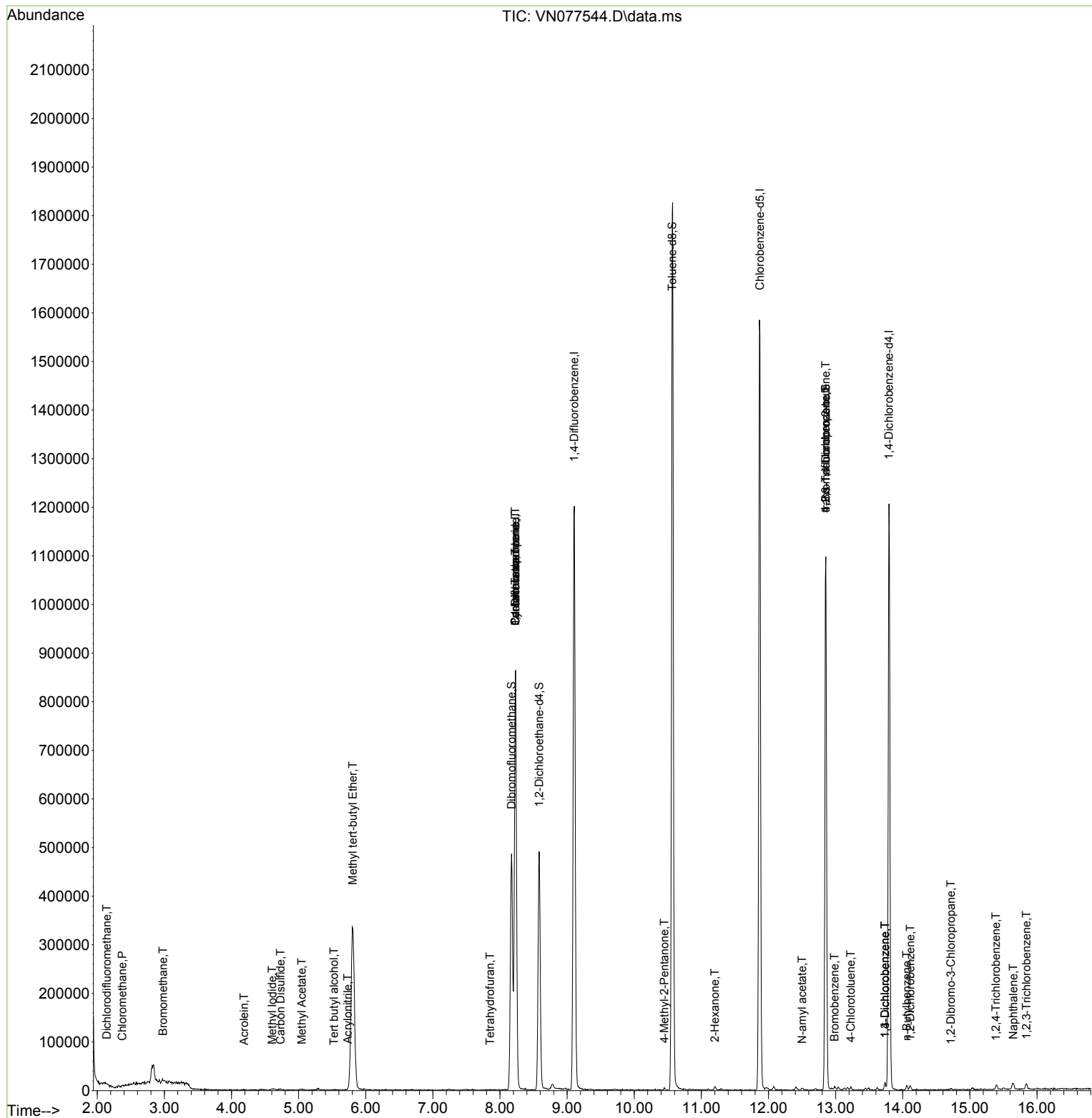
Internal Standards						
1) Pentafluorobenzene	8.230	168	607236	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1127361	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	996389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	335250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	399263	50.388	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.780%			
35) Dibromofluoromethane	8.172	113	351450	51.867	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.740%			
50) Toluene-d8	10.566	98	1355172	52.184	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.360%			
62) 4-Bromofluorobenzene	12.854	95	401769	47.286	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.580%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.143	85	95	0.322	ug/l #	43
3) Chloromethane	2.372	50	1490	0.245	ug/l #	43
5) Bromomethane	2.978	94	4393	0.625	ug/l #	52
10) Methyl Iodide	4.607	142	4095	0.481	ug/l #	85
11) Tert butyl alcohol	5.525	59	960	0.755	ug/l #	72
13) Acrolein	4.190	56	881	0.696	ug/l	86
15) Acrylonitrile	5.731	53	609	0.211	ug/l #	90
17) Carbon Disulfide	4.731	76	3700	0.215	ug/l #	75
18) Methyl Acetate	5.048	43	1956	0.201	ug/l	97
19) Methyl tert-butyl Ether	5.807	73	628210	27.875	ug/l	96
29) Tetrahydrofuran	7.854	42	551	0.246	ug/l #	27
31) Cyclohexane	8.230	56	14945	1.331	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	52276	5.340	ug/l #	48
38) Carbon Tetrachloride	8.230	117	69531	6.438	ug/l #	14
51) 4-Methyl-2-Pentanone	10.448	43	2651	0.351	ug/l	90
59) 2-Hexanone	11.201	43	4858	0.885	ug/l	81
74) N-amyl acetate	12.501	43	2928	0.318	ug/l #	82
76) 1,2,3-Trichloropropane	12.854	75	213909	27.439	ug/l #	1
77) Bromobenzene	12.983	156	1629	0.240	ug/l	72
81) trans-1,4-Dichloro-2-b...	12.854	75	213909	77.519	ug/l #	15
82) 4-Chlorotoluene	13.224	91	4800	0.242	ug/l	95
87) 1,3-Dichlorobenzene	13.736	146	3532	0.293	ug/l	81
88) 1,4-Dichlorobenzene	13.736	146	3532	0.297	ug/l	82
89) n-Butylbenzene	14.060	91	5841	0.319	ug/l	87
91) 1,2-Dichlorobenzene	14.112	146	4182	0.350	ug/l	88
92) 1,2-Dibromo-3-Chloropr...	14.718	75	582	0.322	ug/l #	55
93) 1,2,4-Trichlorobenzene	15.389	180	3639	2.272	ug/l	94
95) Naphthalene	15.648	128	13163	2.582	ug/l	96
96) 1,2,3-Trichlorobenzene	15.842	180	4379	2.407	ug/l #	89

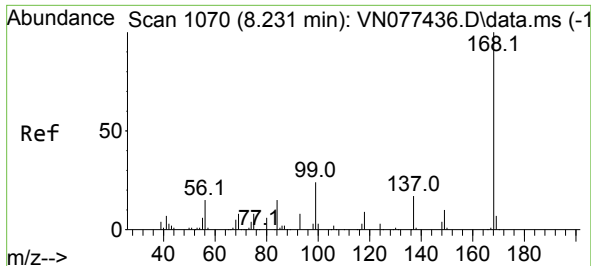
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050123\
Data File : VN077544.D
Acq On : 01 May 2023 15:49
Operator : JC\MD
Sample : 02535-02DL 20X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-9DL

Quant Time: May 01 22:02:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:50:59 2023
Response via : Initial Calibration

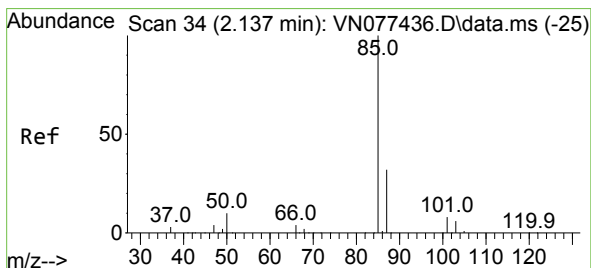
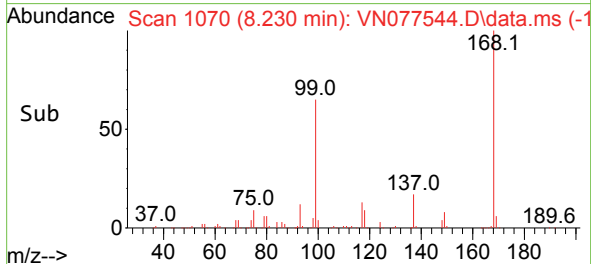
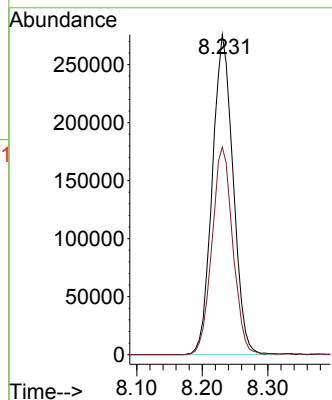
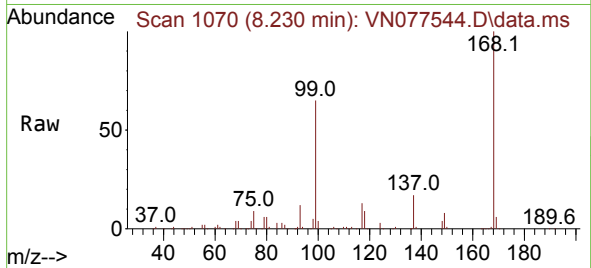




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN077544.D
Acq: 01 May 2023 15:49

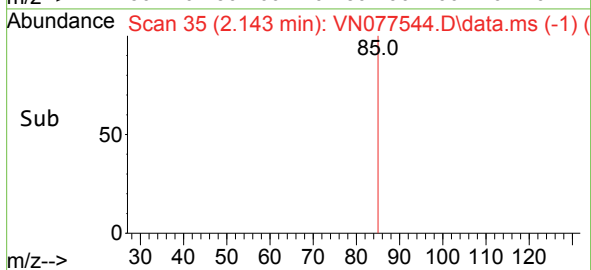
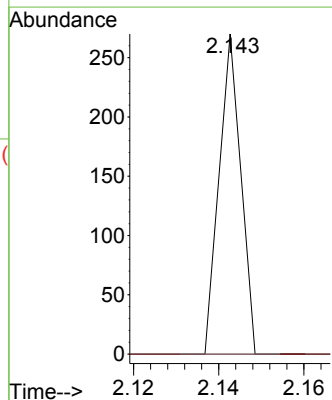
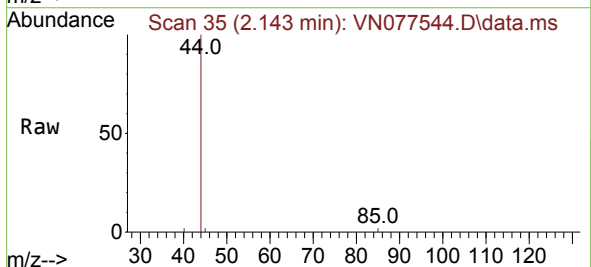
Instrument :
MSVOA_N
ClientSampleId :
TP-9DL

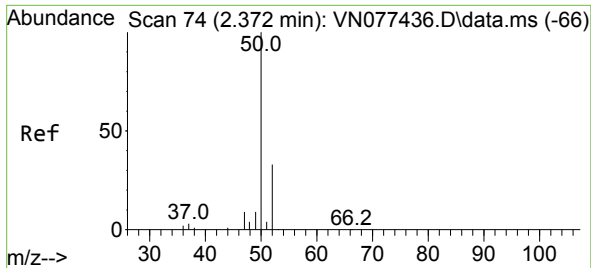
Tgt Ion:168 Resp: 607236
Ion Ratio Lower Upper
168 100
99 64.9 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 0.322 ug/l
RT: 2.143 min Scan# 35
Delta R.T. 0.006 min
Lab File: VN077544.D
Acq: 01 May 2023 15:49

Tgt Ion: 85 Resp: 95
Ion Ratio Lower Upper
85 100
87 0.0 15.8 47.4#

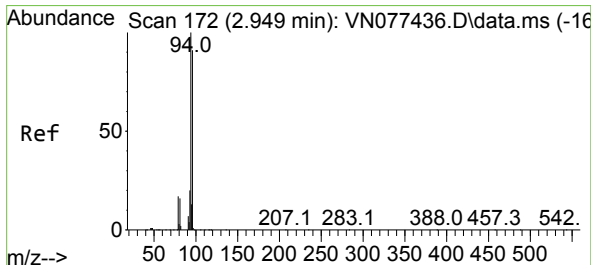
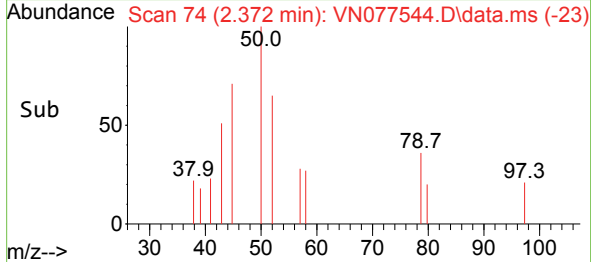
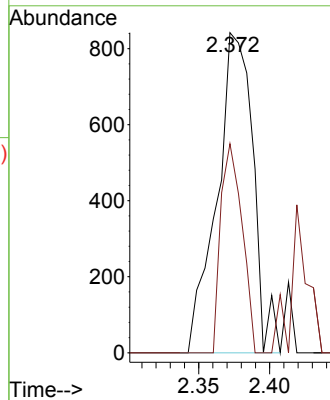
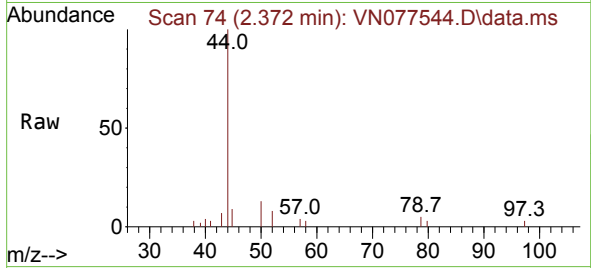




#3
Chloromethane
Concen: 0.245 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077544.D
Acq: 01 May 2023 15:49

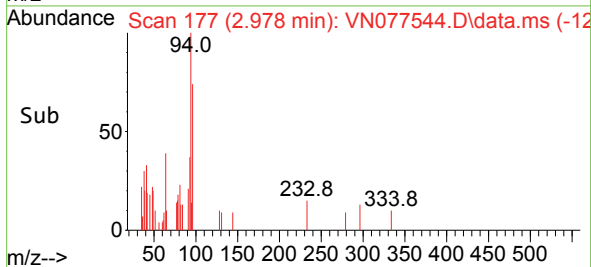
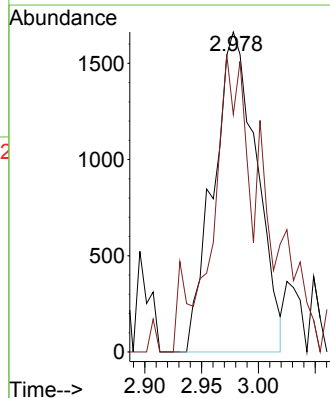
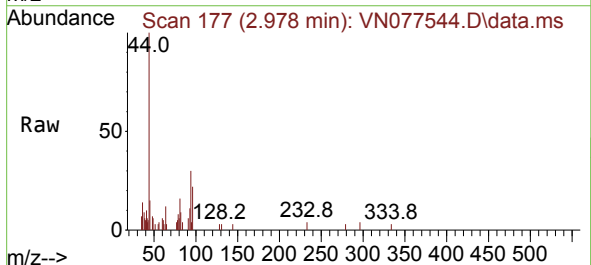
Instrument :
MSVOA_N
ClientSampleId :
TP-9DL

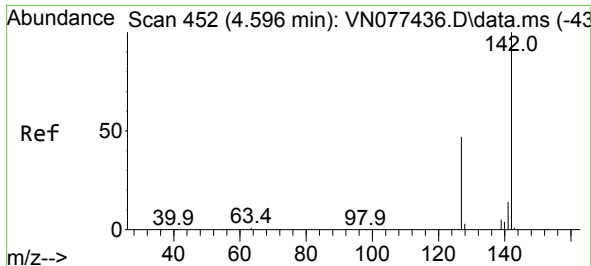
Tgt Ion: 50 Resp: 1490
Ion Ratio Lower Upper
50 100
52 65.3 26.5 39.7#



#5
Bromomethane
Concen: 0.625 ug/l
RT: 2.978 min Scan# 177
Delta R.T. 0.029 min
Lab File: VN077544.D
Acq: 01 May 2023 15:49

Tgt Ion: 94 Resp: 4393
Ion Ratio Lower Upper
94 100
96 45.9 73.1 109.7#

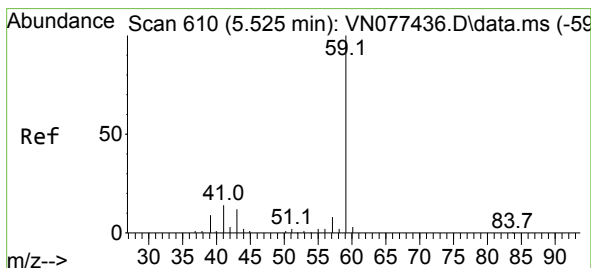
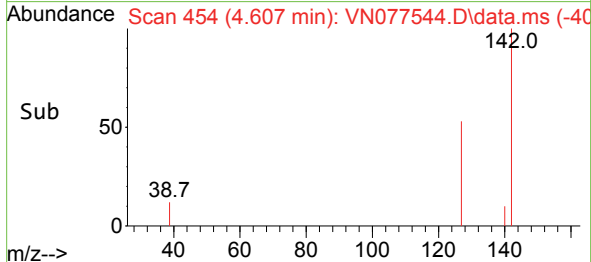
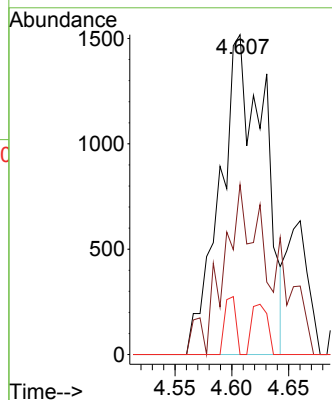
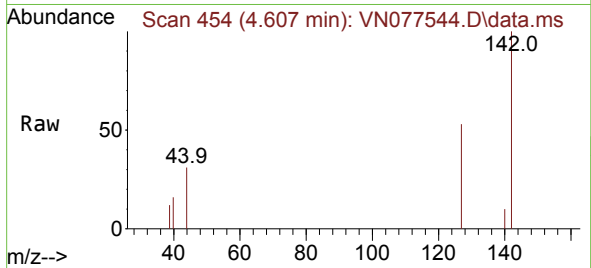




#10
Methyl Iodide
Concen: 0.481 ug/l
RT: 4.607 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN077544.D
Acq: 01 May 2023 15:49

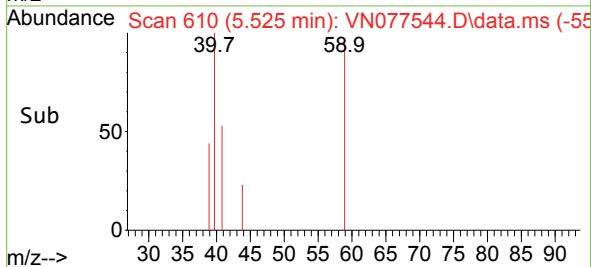
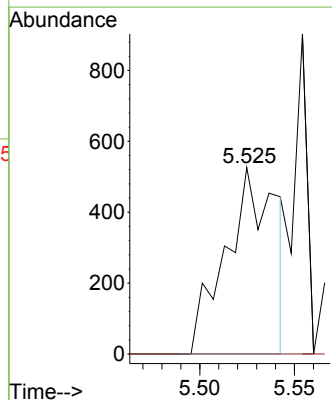
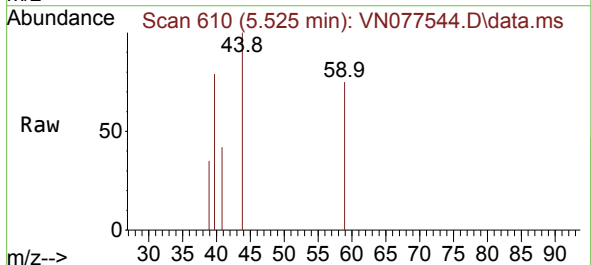
Instrument :
MSVOA_N
ClientSampleId :
TP-9DL

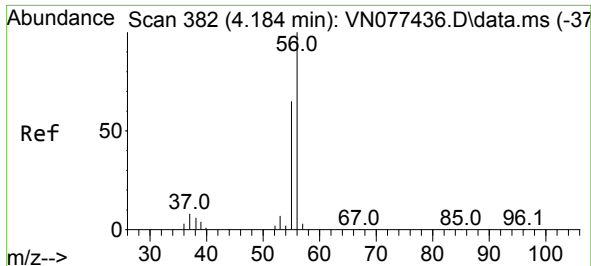
Tgt Ion:142 Resp: 4095
Ion Ratio Lower Upper
142 100
127 53.2 37.6 56.4
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.755 ug/l
RT: 5.525 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN077544.D
Acq: 01 May 2023 15:49

Tgt Ion: 59 Resp: 960
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

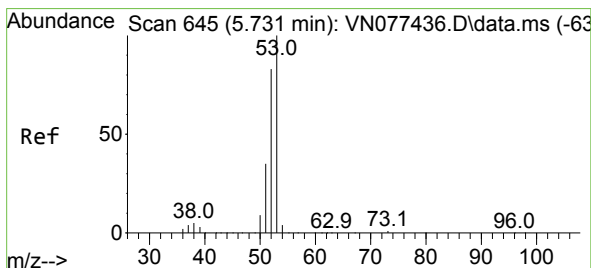
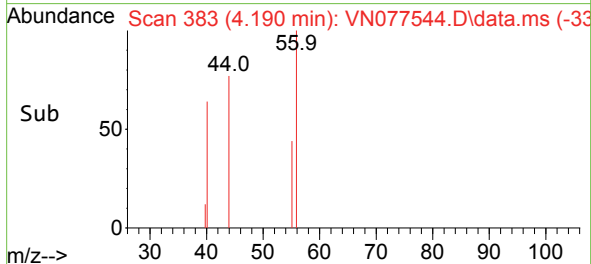
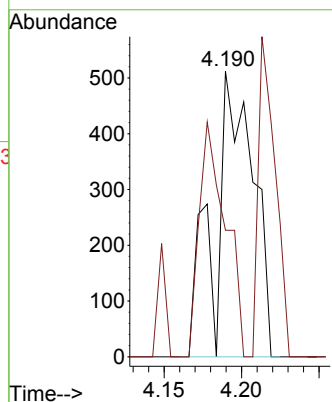
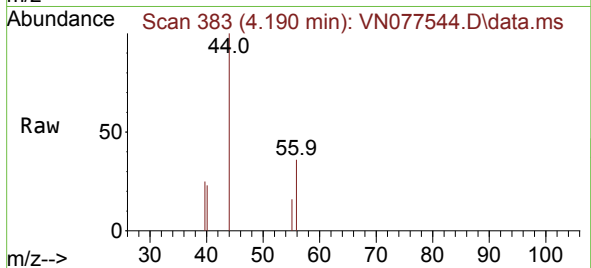




#13
Acrolein
Concen: 0.696 ug/l
RT: 4.190 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN077544.D
Acq: 01 May 2023 15:49

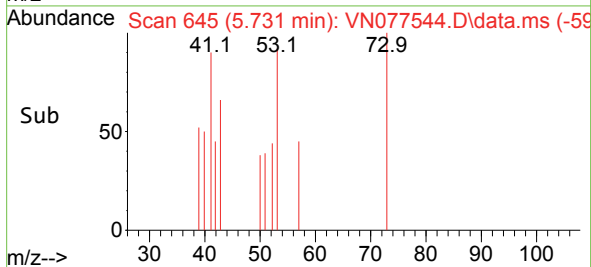
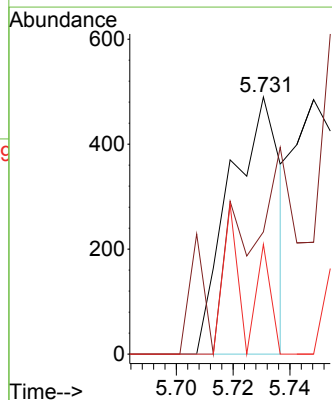
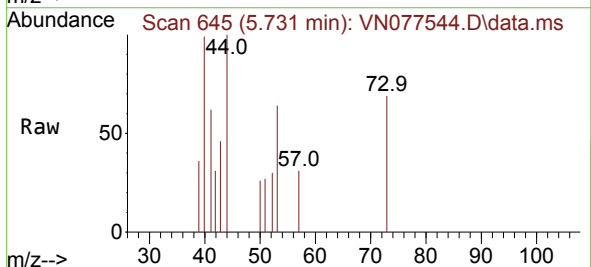
Instrument :
MSVOA_N
ClientSampleId :
TP-9DL

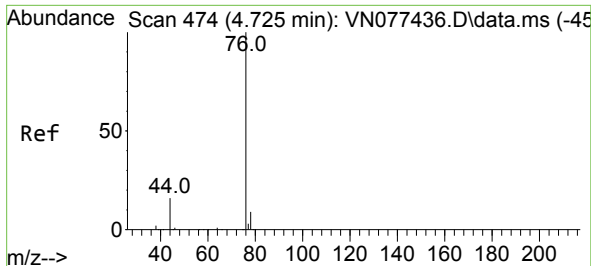
Tgt Ion: 56 Resp: 881
Ion Ratio Lower Upper
56 100
55 56.6 54.5 81.7



#15
Acrylonitrile
Concen: 0.211 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077544.D
Acq: 01 May 2023 15:49

Tgt Ion: 53 Resp: 609
Ion Ratio Lower Upper
53 100
52 89.7 65.3 97.9
51 28.6 28.9 43.3#

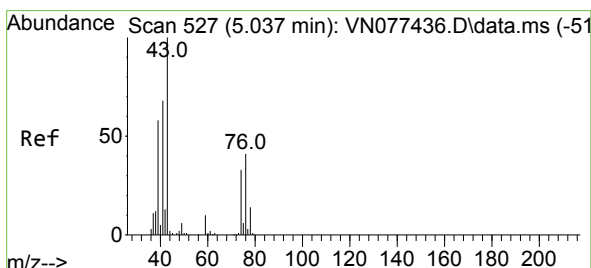
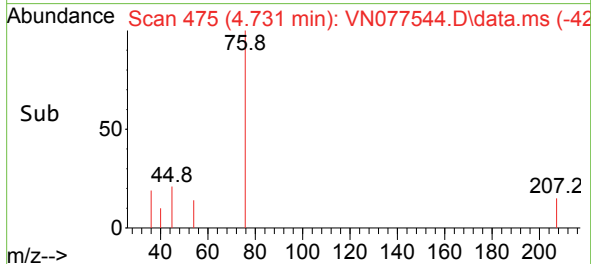
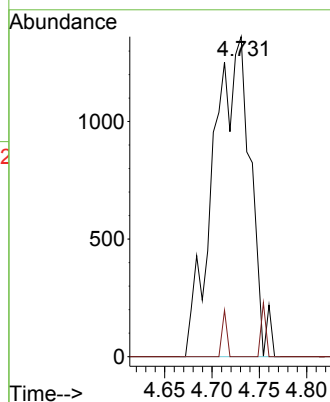
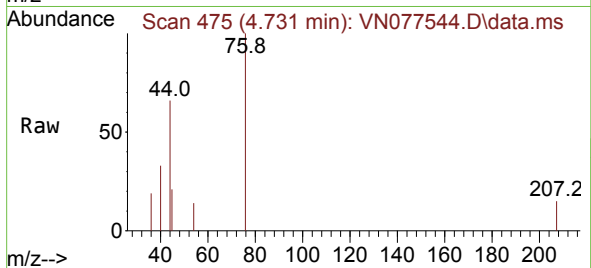




#17
Carbon Disulfide
Concen: 0.215 ug/l
RT: 4.731 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077544.D
Acq: 01 May 2023 15:49

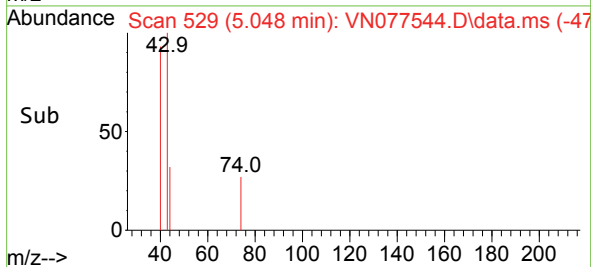
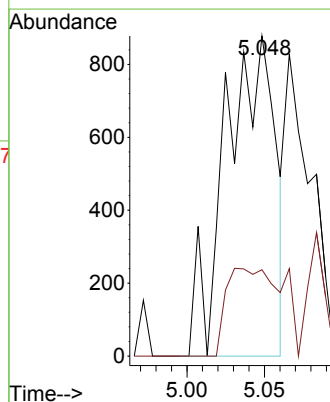
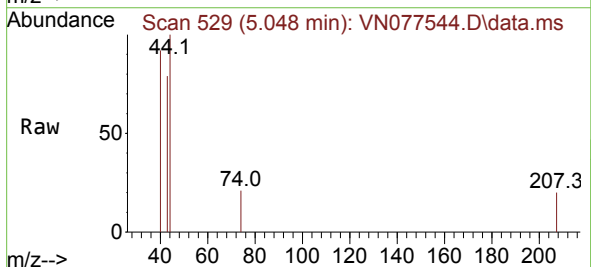
Instrument :
MSVOA_N
ClientSampleId :
TP-9DL

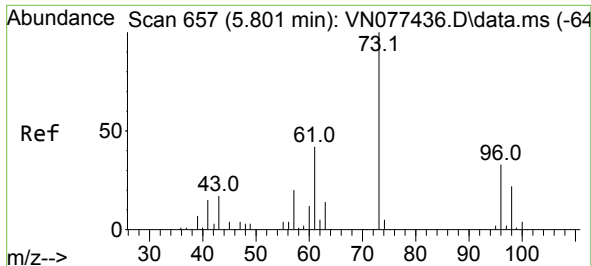
Tgt Ion: 76 Resp: 3700
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: 0.201 ug/l
RT: 5.048 min Scan# 529
Delta R.T. 0.012 min
Lab File: VN077544.D
Acq: 01 May 2023 15:49

Tgt Ion: 43 Resp: 1956
Ion Ratio Lower Upper
43 100
74 31.3 26.2 39.4





#19

Methyl tert-butyl Ether

Concen: 27.875 ug/l

RT: 5.807 min Scan# 6

Delta R.T. 0.006 min

Lab File: VN077544.D

Acq: 01 May 2023 15:49

Instrument :

MSVOA_N

ClientSampleId :

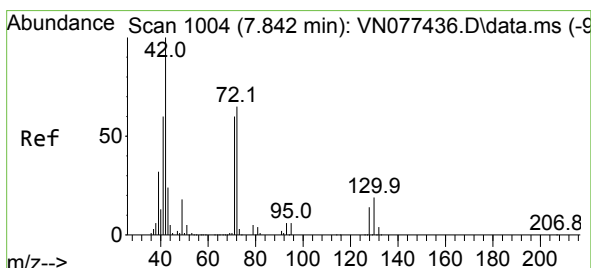
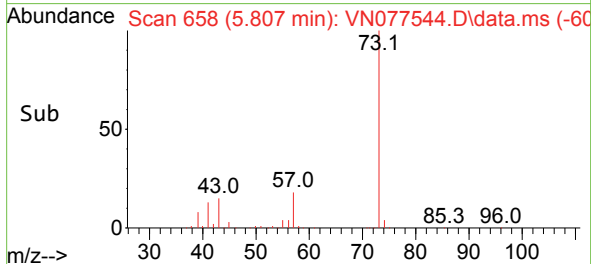
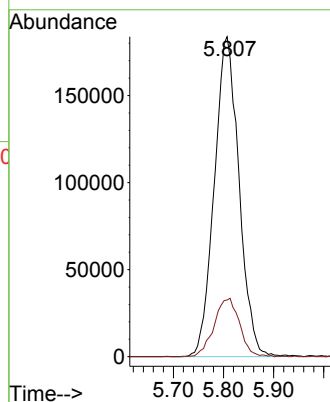
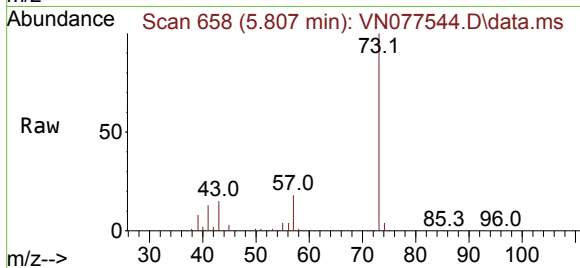
TP-9DL

Tgt Ion: 73 Resp: 628210

Ion Ratio Lower Upper

73 100

57 17.7 15.6 23.4



#29

Tetrahydrofuran

Concen: 0.246 ug/l

RT: 7.854 min Scan# 1006

Delta R.T. 0.012 min

Lab File: VN077544.D

Acq: 01 May 2023 15:49

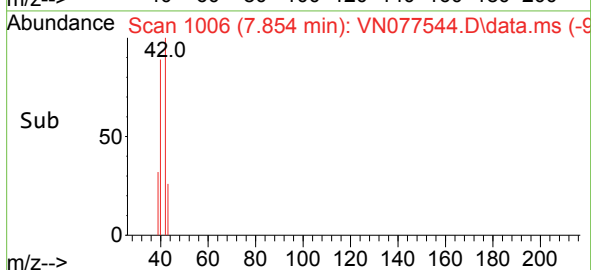
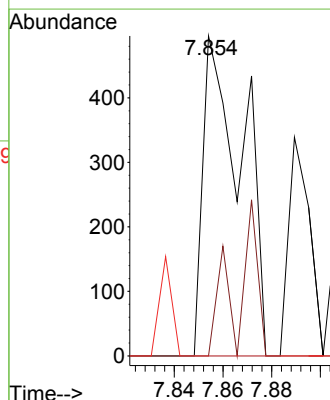
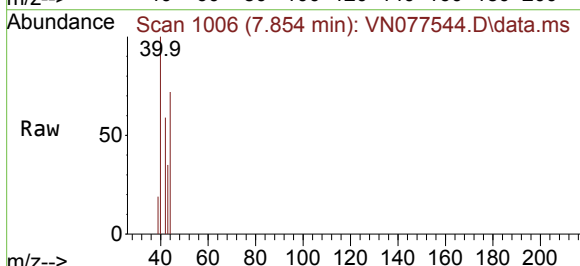
Tgt Ion: 42 Resp: 551

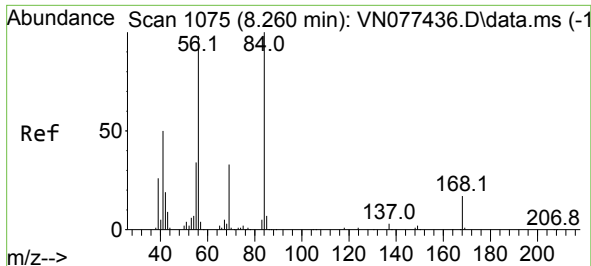
Ion Ratio Lower Upper

42 100

72 10.9 49.8 74.6#

71 0.0 47.4 71.2#

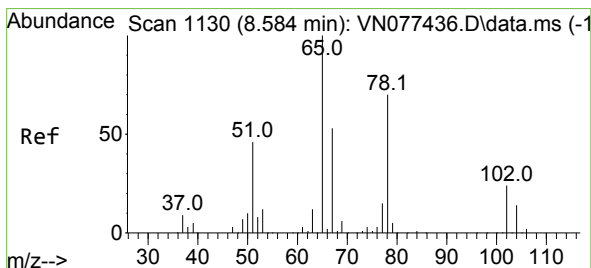
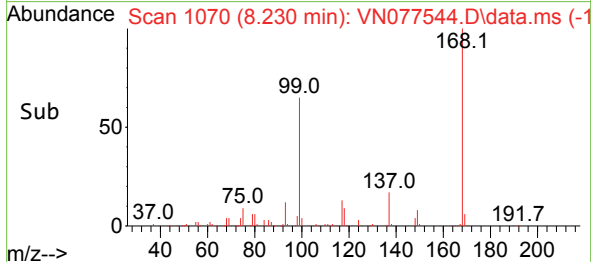
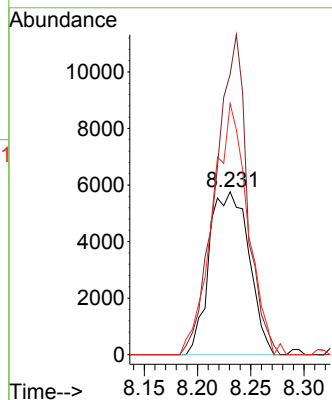
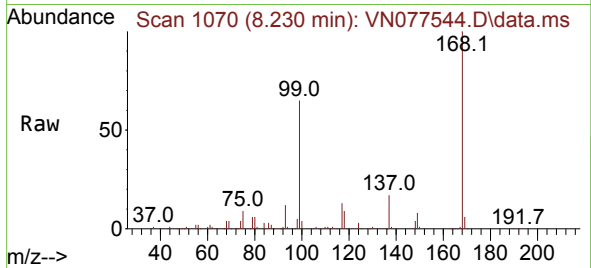




#31
Cyclohexane
Concen: 1.331 ug/l
RT: 8.230 min Scan# 1075
Delta R.T. -0.030 min
Lab File: VN077544.D
Acq: 01 May 2023 15:49

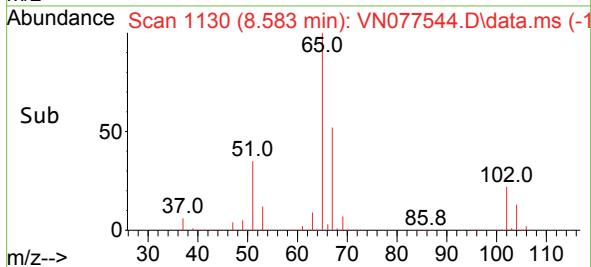
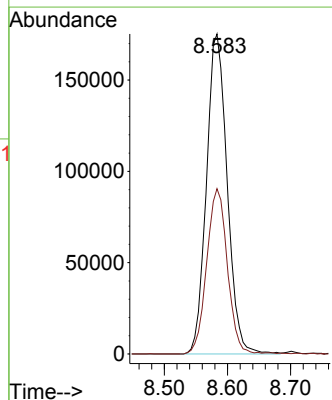
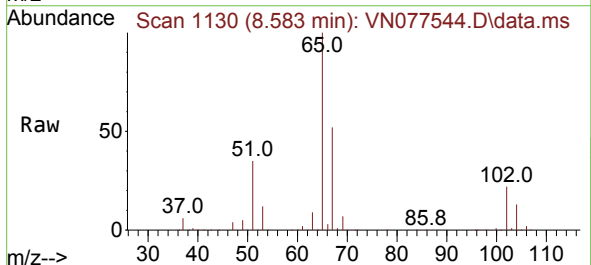
Instrument :
MSVOA_N
ClientSampleId :
TP-9DL

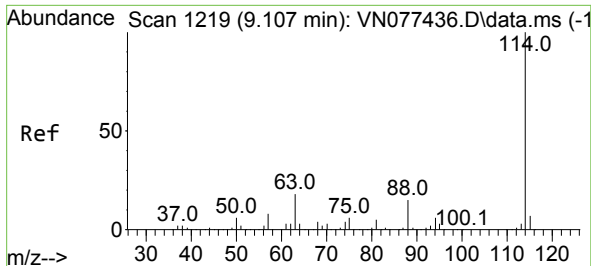
Tgt Ion: 56 Resp: 14945
Ion Ratio Lower Upper
56 100
69 172.1 26.8 40.2#
84 154.1 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 50.388 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077544.D
Acq: 01 May 2023 15:49

Tgt Ion: 65 Resp: 399263
Ion Ratio Lower Upper
65 100
67 51.7 0.0 106.6

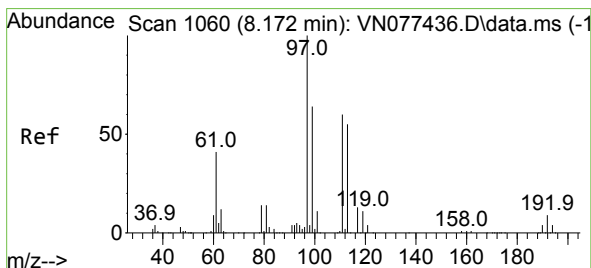
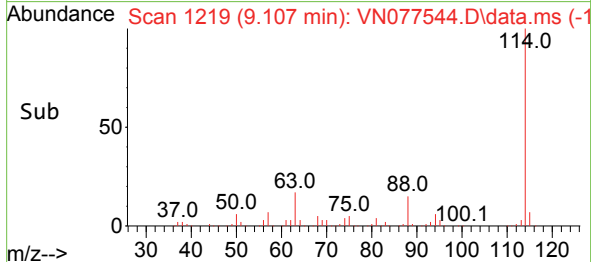
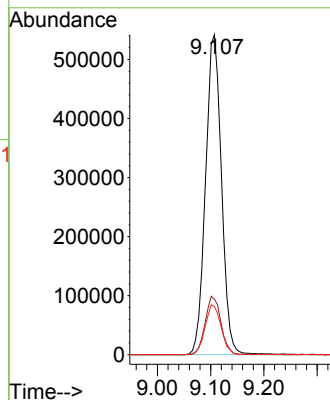
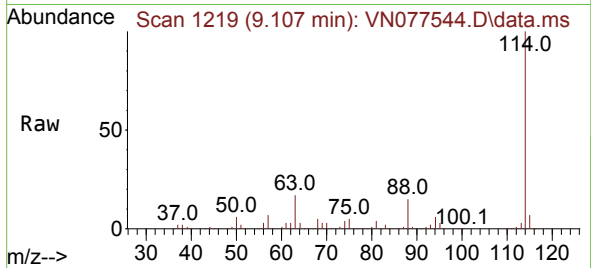




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077544.D
Acq: 01 May 2023 15:49

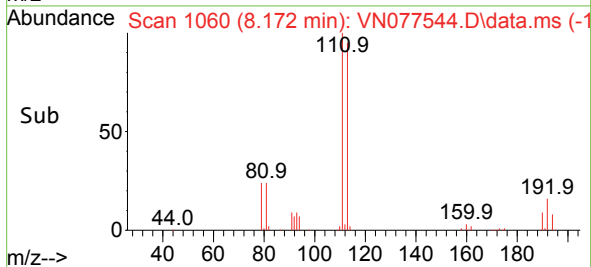
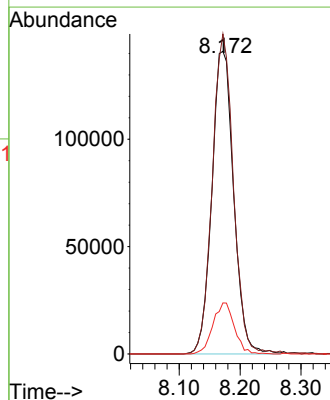
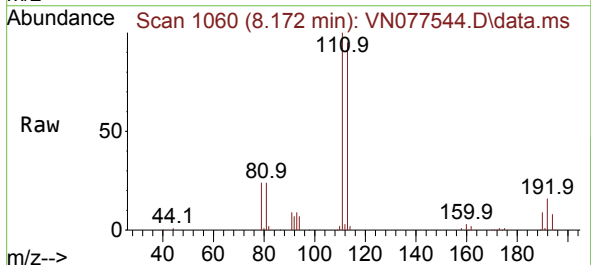
Instrument :
MSVOA_N
ClientSampleId :
TP-9DL

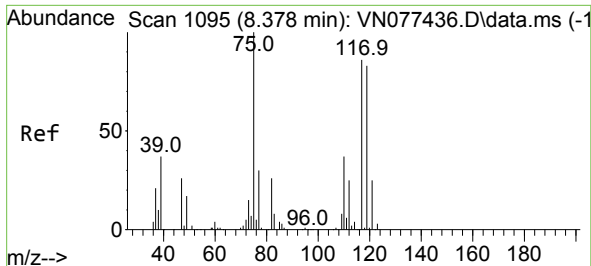
Tgt Ion:114 Resp: 1127361
Ion Ratio Lower Upper
114 100
63 17.4 0.0 36.4
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.867 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077544.D
Acq: 01 May 2023 15:49

Tgt Ion:113 Resp: 351450
Ion Ratio Lower Upper
113 100
111 102.4 82.6 123.8
192 16.6 12.7 19.1

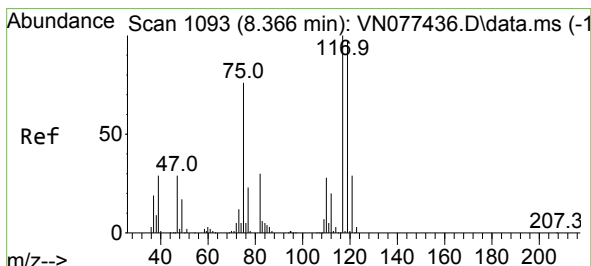
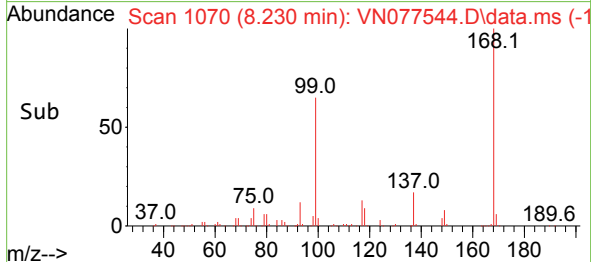
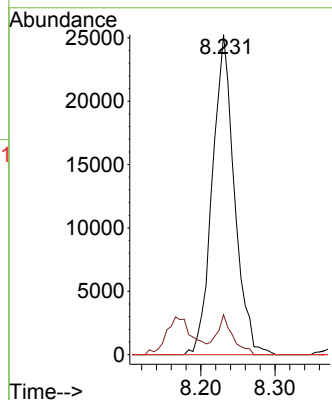
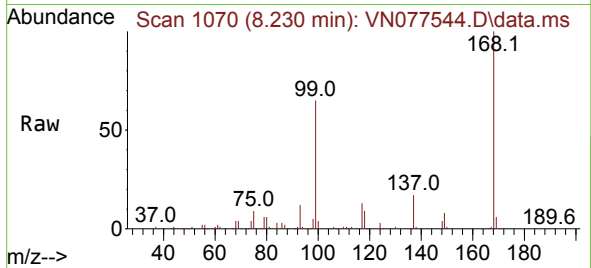




#36
1,1-Dichloropropene
Concen: 5.340 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.147 min
Lab File: VN077544.D
Acq: 01 May 2023 15:49

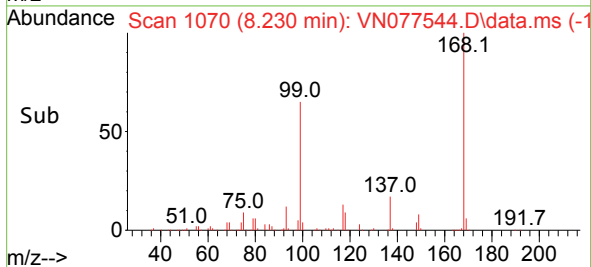
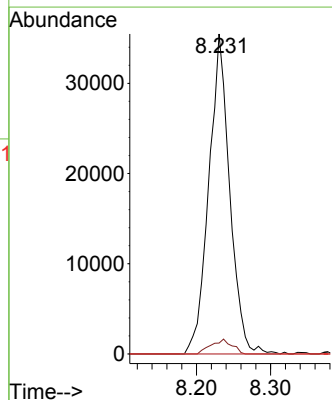
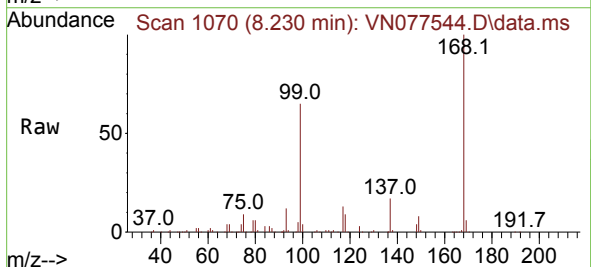
Instrument :
MSVOA_N
ClientSampleId :
TP-9DL

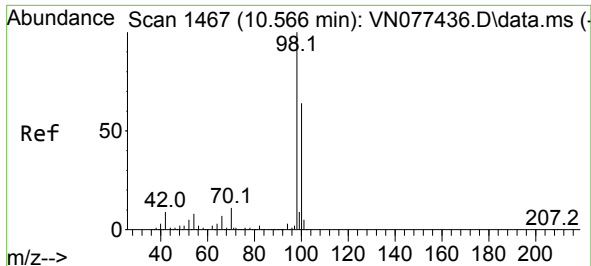
Tgt Ion: 75 Resp: 52276
Ion Ratio Lower Upper
75 100
110 9.2 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.438 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.135 min
Lab File: VN077544.D
Acq: 01 May 2023 15:49

Tgt Ion: 117 Resp: 69531
Ion Ratio Lower Upper
117 100
119 3.4 77.3 115.9#
121 0.0 23.3 34.9#

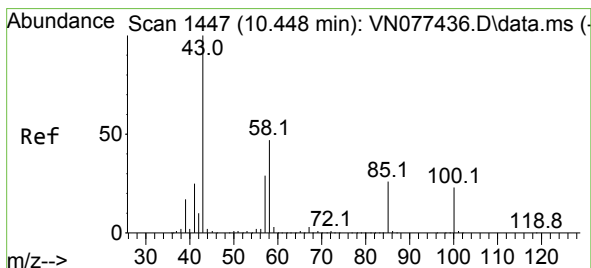
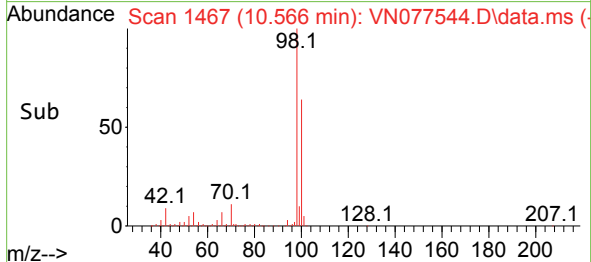
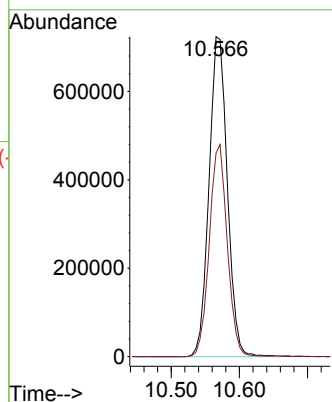
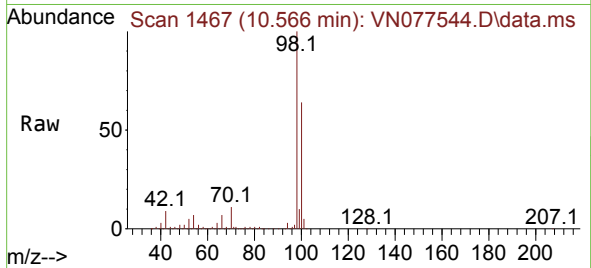




#50
Toluene-d8
Concen: 52.184 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.000 min
Lab File: VN077544.D
Acq: 01 May 2023 15:49

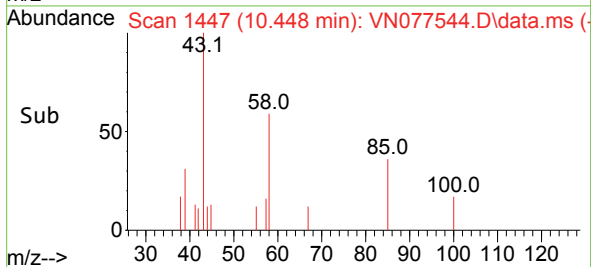
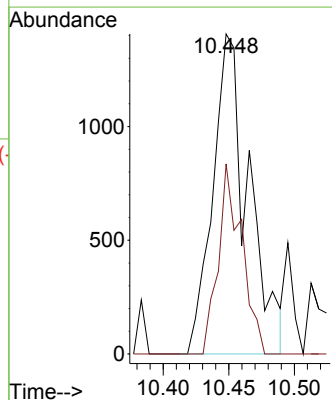
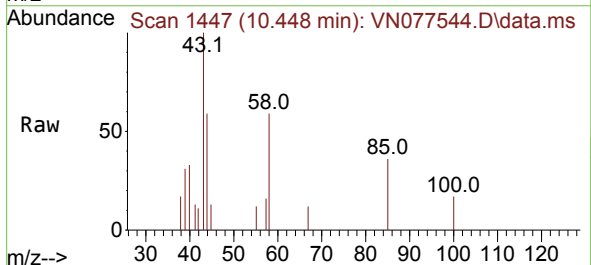
Instrument :
MSVOA_N
ClientSampleId :
TP-9DL

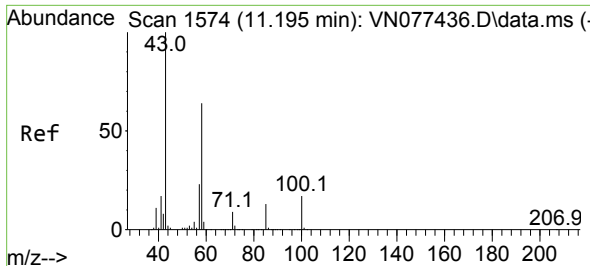
Tgt Ion: 98 Resp: 1355172
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.351 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077544.D
Acq: 01 May 2023 15:49

Tgt Ion: 43 Resp: 2651
Ion Ratio Lower Upper
43 100
58 39.2 36.6 54.8

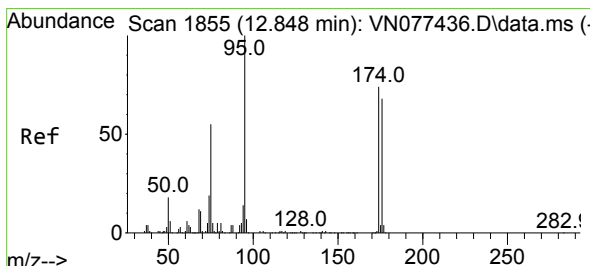
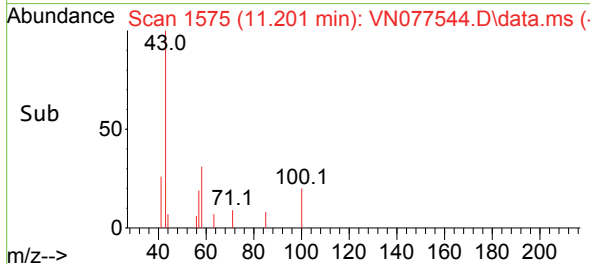
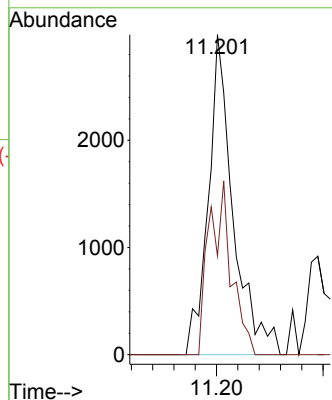
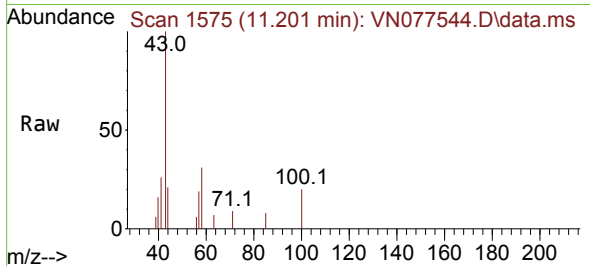




#59
2-Hexanone
Concen: 0.885 ug/l
RT: 11.201 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN077544.D
Acq: 01 May 2023 15:49

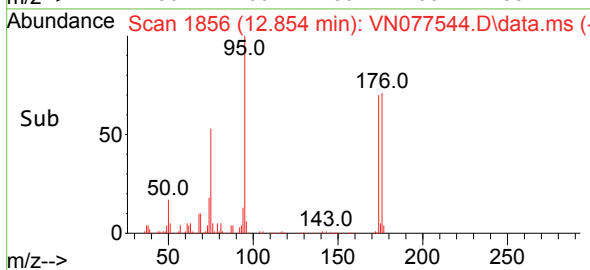
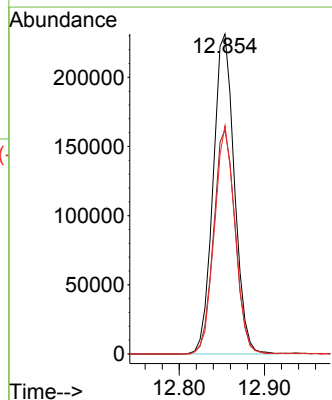
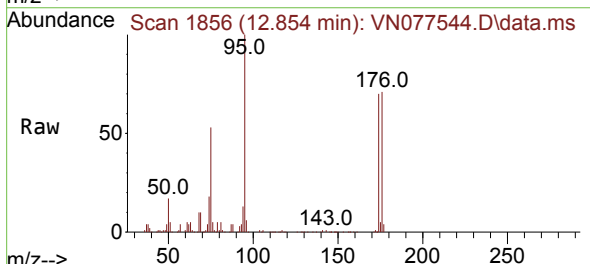
Instrument :
MSVOA_N
ClientSampleId :
TP-9DL

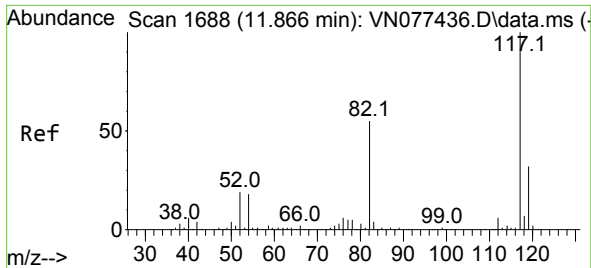
Tgt Ion: 43 Resp: 4858
Ion Ratio Lower Upper
43 100
58 48.6 31.7 95.1



#62
4-Bromofluorobenzene
Concen: 47.286 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077544.D
Acq: 01 May 2023 15:49

Tgt Ion: 95 Resp: 401769
Ion Ratio Lower Upper
95 100
174 70.9 0.0 143.8
176 69.4 0.0 135.8

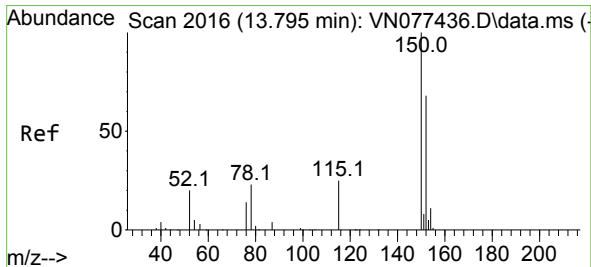
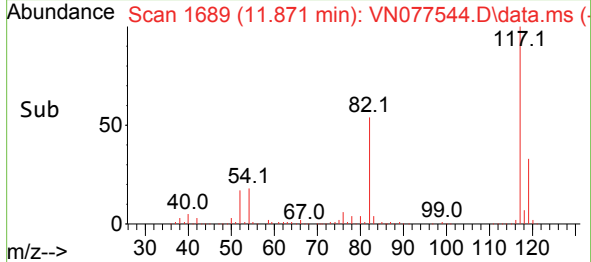
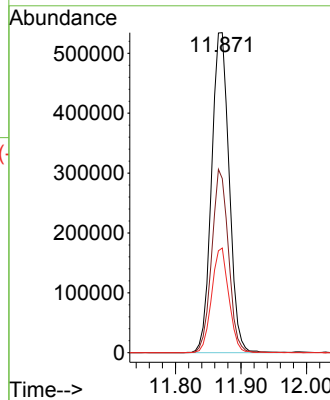
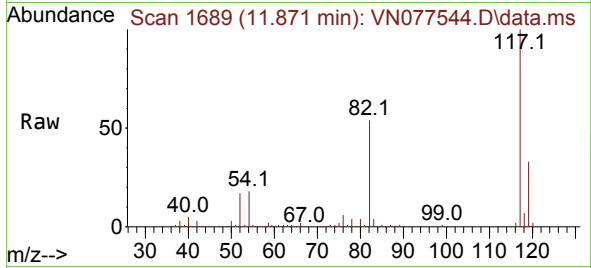




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077544.D
Acq: 01 May 2023 15:49

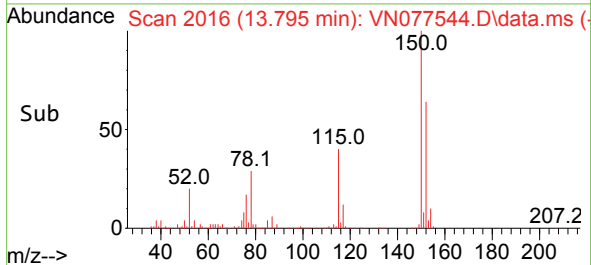
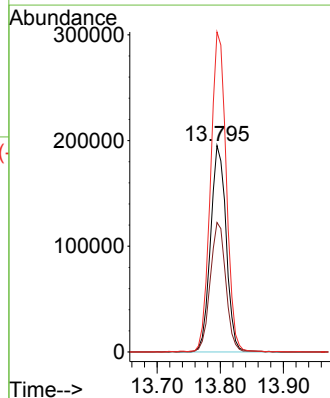
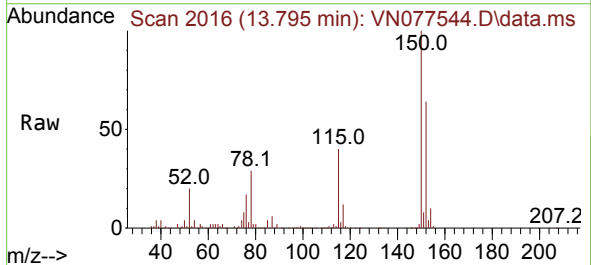
Instrument :
MSVOA_N
ClientSampleId :
TP-9DL

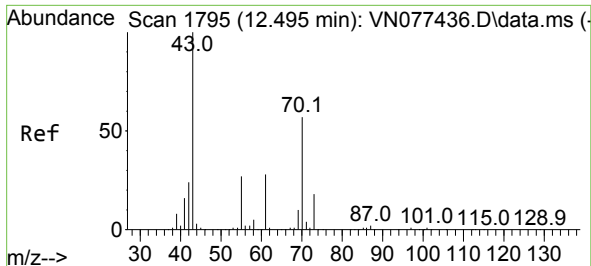
Tgt Ion:117 Resp: 996389
Ion Ratio Lower Upper
117 100
82 54.4 44.0 66.0
119 32.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077544.D
Acq: 01 May 2023 15:49

Tgt Ion:152 Resp: 335250
Ion Ratio Lower Upper
152 100
115 63.0 32.3 96.8
150 155.5 0.0 355.8

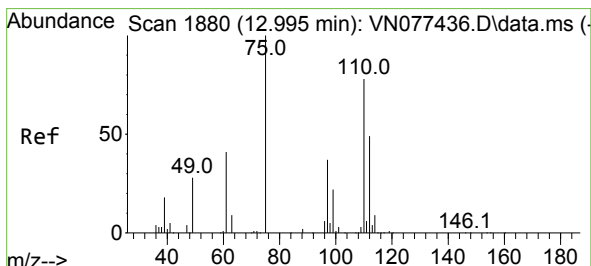
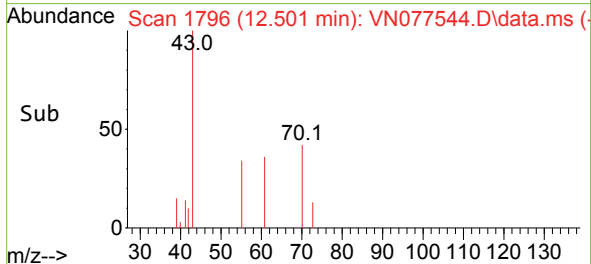
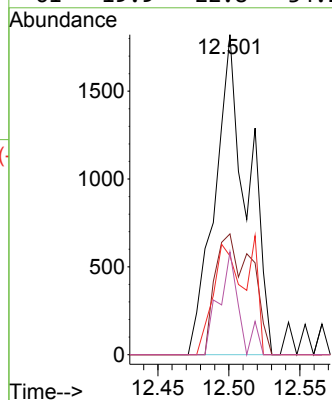
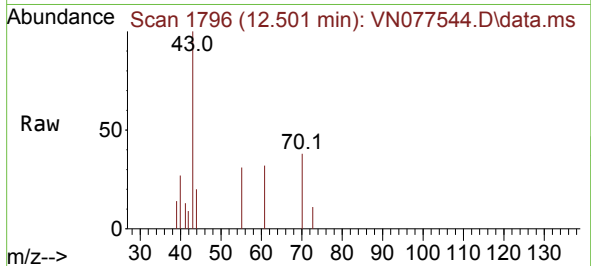




#74
N-amy1 acetate
Concen: 0.318 ug/l
RT: 12.501 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN077544.D
Acq: 01 May 2023 15:49

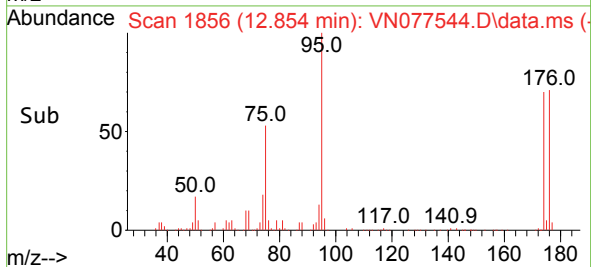
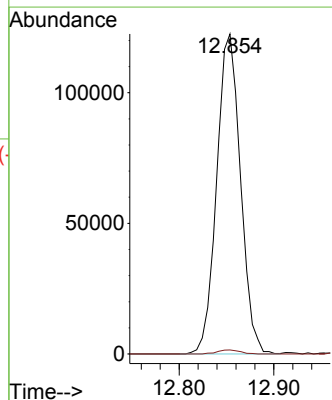
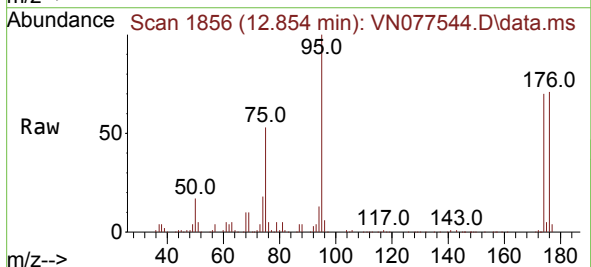
Instrument :
MSVOA_N
ClientSampleId :
TP-9DL

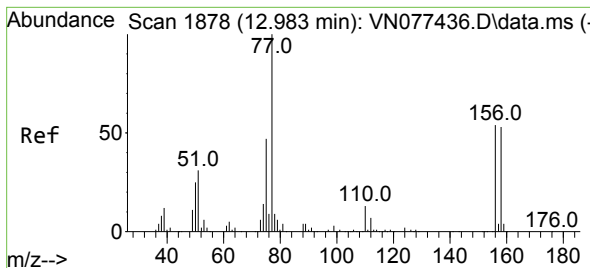
Tgt Ion: 43	Resp: 2928
Ion Ratio	Lower Upper
43 100	
70 41.7	43.4 65.2#
55 37.8	21.4 32.0#
61 19.9	22.8 34.2#



#76
1,2,3-Trichloropropane
Concen: 27.439 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.141 min
Lab File: VN077544.D
Acq: 01 May 2023 15:49

Tgt Ion: 75	Resp: 213909
Ion Ratio	Lower Upper
75 100	
77 1.2	84.5 253.5#





#77

Bromobenzene

Concen: 0.240 ug/l

RT: 12.983 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077544.D

Acq: 01 May 2023 15:49

Instrument :

MSVOA_N

ClientSampleId :

TP-9DL

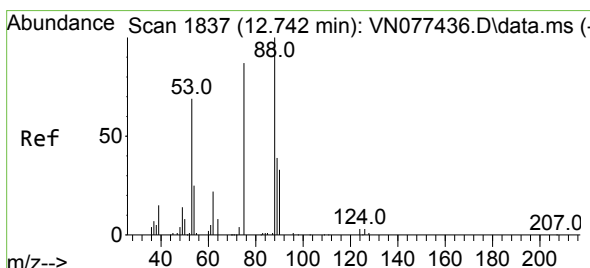
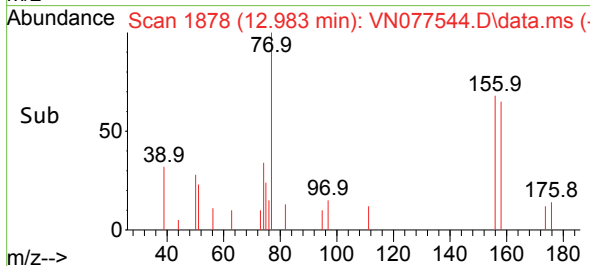
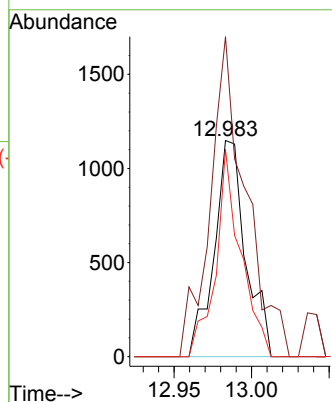
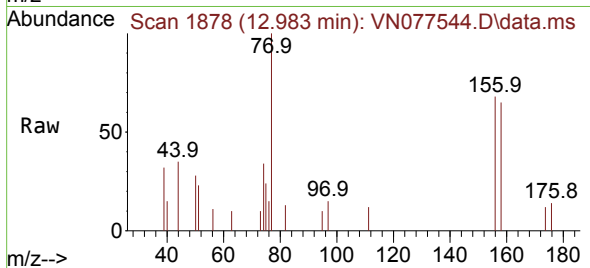
Tgt Ion:156 Resp: 1629

Ion Ratio Lower Upper

156 100

77 166.5 107.7 323.3

158 75.8 48.4 145.3



#81

trans-1,4-Dichloro-2-butene

Concen: 77.519 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. 0.112 min

Lab File: VN077544.D

Acq: 01 May 2023 15:49

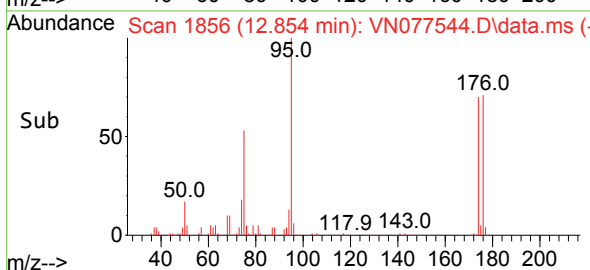
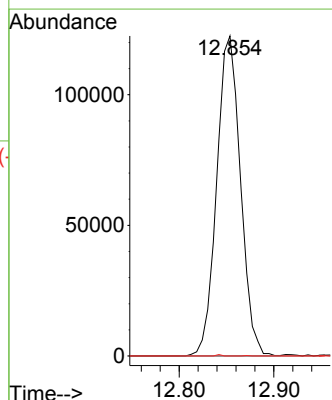
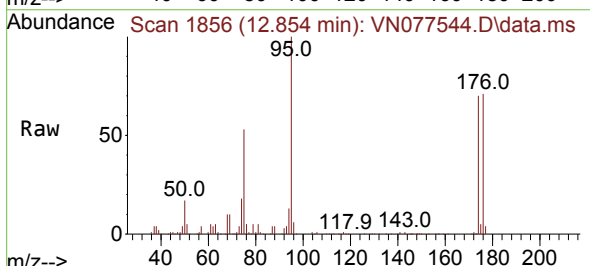
Tgt Ion: 75 Resp: 213909

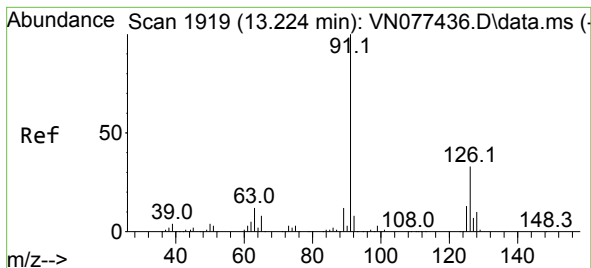
Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.2#

89 0.1 38.8 58.2#

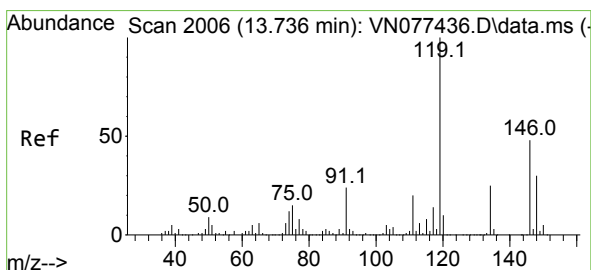
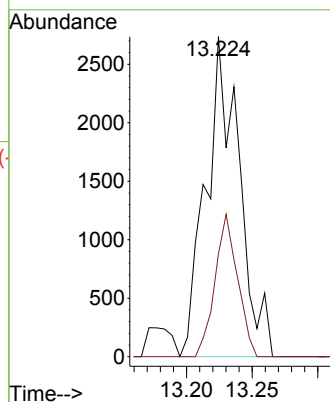
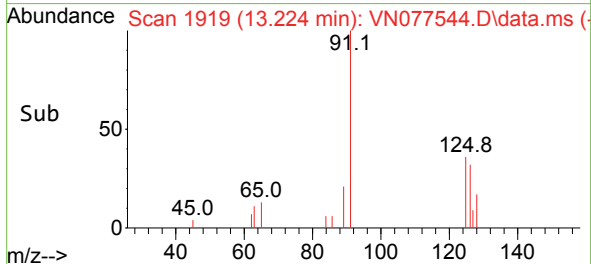
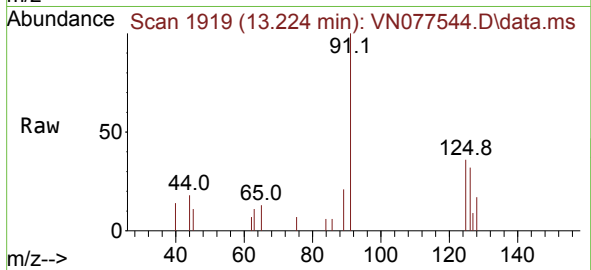




#82
4-Chlorotoluene
Concen: 0.242 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077544.D
Acq: 01 May 2023 15:49

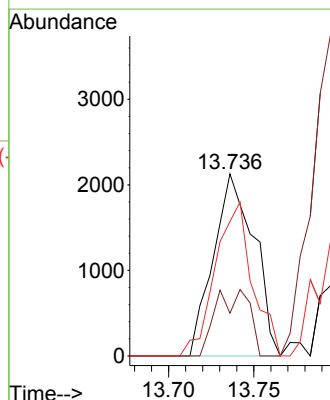
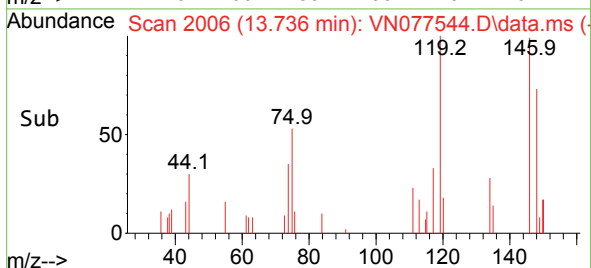
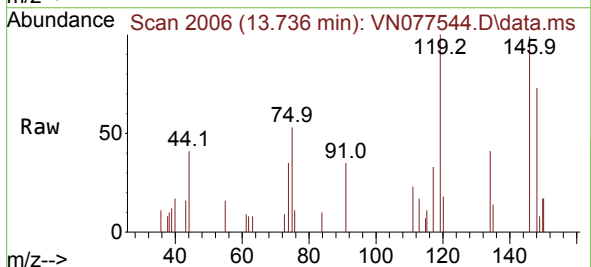
Instrument :
MSVOA_N
ClientSampleId :
TP-9DL

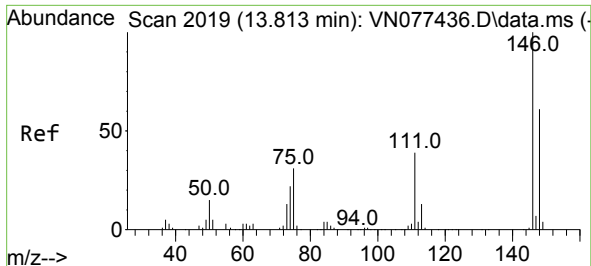
Tgt Ion: 91 Resp: 4800
Ion Ratio Lower Upper
91 100
126 30.3 16.7 50.0



#87
1,3-Dichlorobenzene
Concen: 0.293 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN077544.D
Acq: 01 May 2023 15:49

Tgt Ion: 146 Resp: 3532
Ion Ratio Lower Upper
146 100
111 30.0 22.1 66.3
148 77.3 32.0 96.0

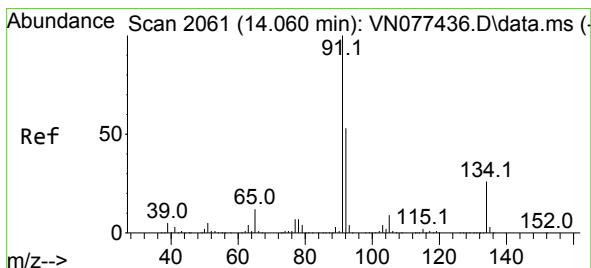
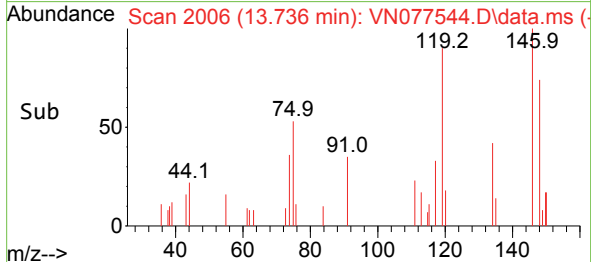
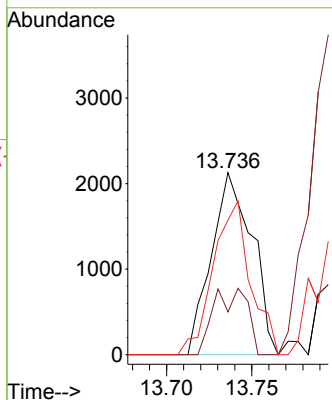
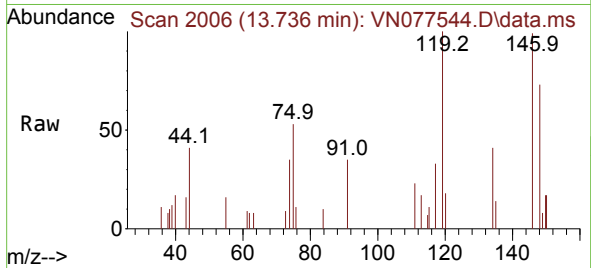




#88
1,4-Dichlorobenzene
Concen: 0.297 ug/l
RT: 13.736 min Scan# 2019
Delta R.T. -0.077 min
Lab File: VN077544.D
Acq: 01 May 2023 15:49

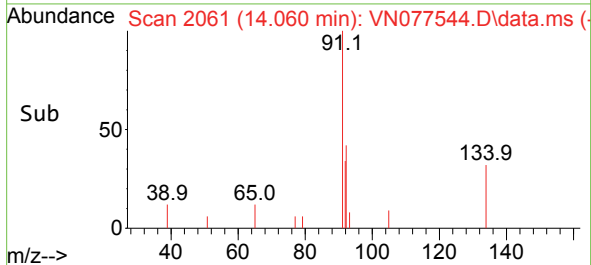
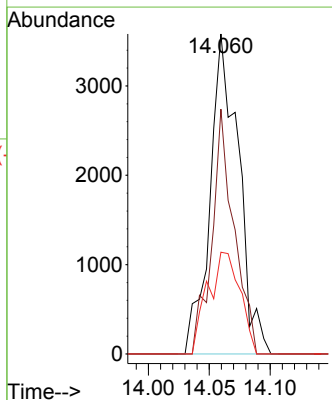
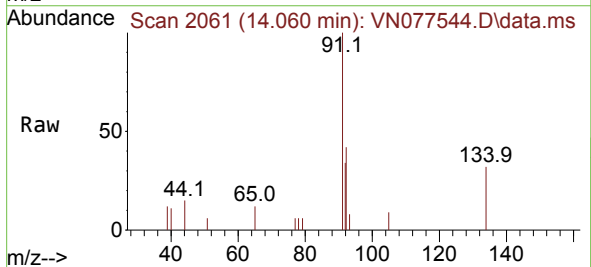
Instrument :
MSVOA_N
ClientSampleId :
TP-9DL

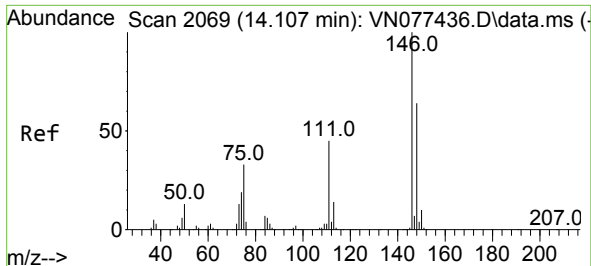
Tgt Ion:146 Resp: 3532
Ion Ratio Lower Upper
146 100
111 30.0 20.6 61.8
148 77.3 31.6 94.8



#89
n-Butylbenzene
Concen: 0.319 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077544.D
Acq: 01 May 2023 15:49

Tgt Ion: 91 Resp: 5841
Ion Ratio Lower Upper
91 100
92 59.3 26.4 79.0
134 35.9 12.6 37.6

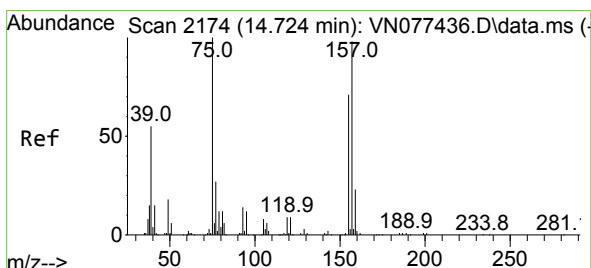
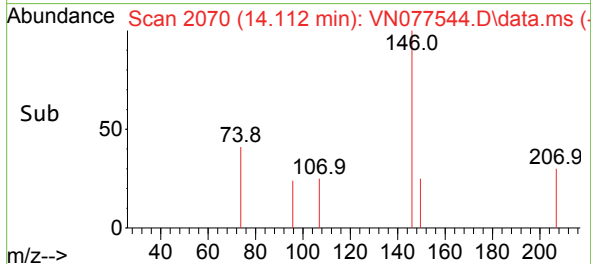
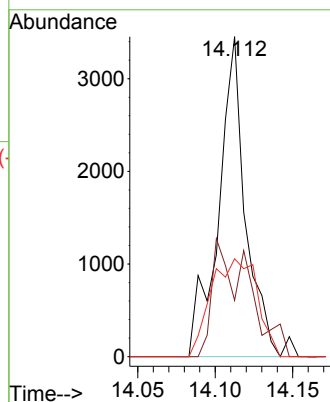
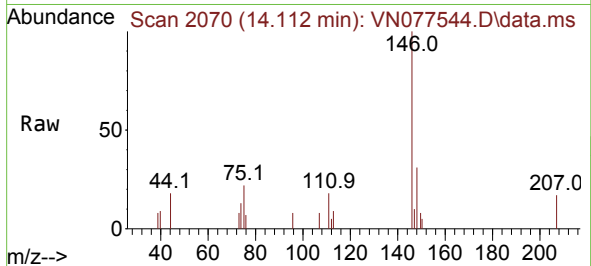




#91
1,2-Dichlorobenzene
Concen: 0.350 ug/l
RT: 14.112 min Scan# 2069
Delta R.T. 0.006 min
Lab File: VN077544.D
Acq: 01 May 2023 15:49

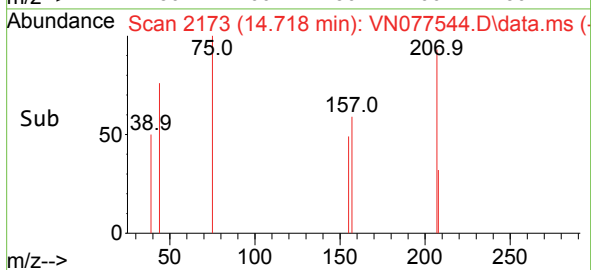
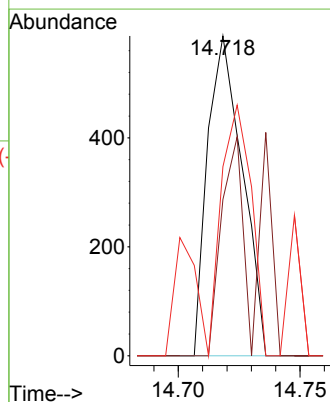
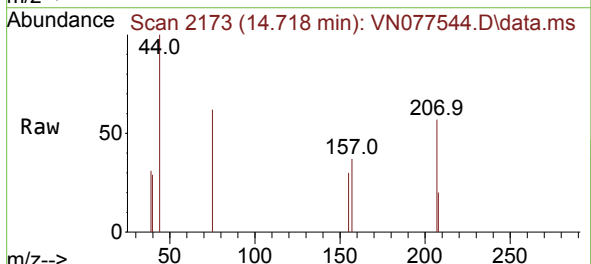
Instrument :
MSVOA_N
ClientSampleId :
TP-9DL

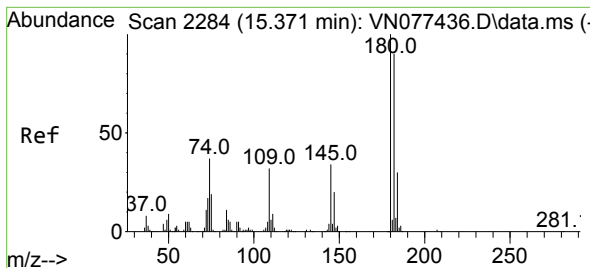
Tgt Ion:146 Resp: 4182
Ion Ratio Lower Upper
146 100
111 49.2 22.0 66.0
148 52.6 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.322 ug/l
RT: 14.718 min Scan# 2173
Delta R.T. -0.006 min
Lab File: VN077544.D
Acq: 01 May 2023 15:49

Tgt Ion: 75 Resp: 582
Ion Ratio Lower Upper
75 100
155 0.0 39.1 117.2#
157 90.9 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 2.272 ug/l

RT: 15.389 min Scan# 2284

Delta R.T. 0.018 min

Lab File: VN077544.D

Acq: 01 May 2023 15:49

Instrument :

MSVOA_N

ClientSampleId :

TP-9DL

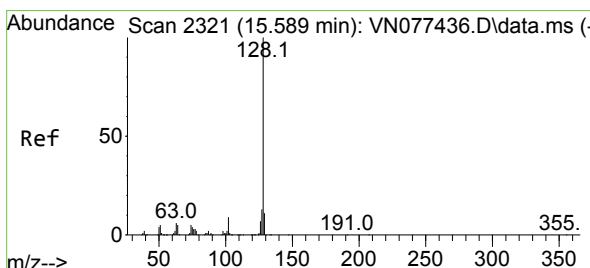
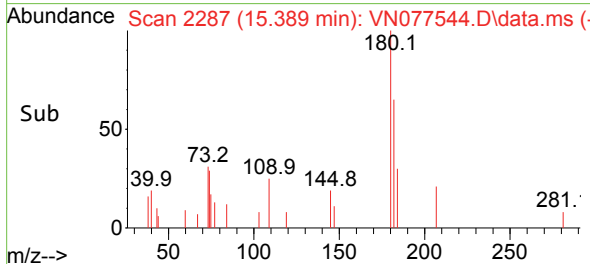
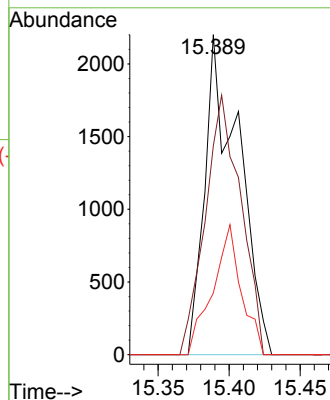
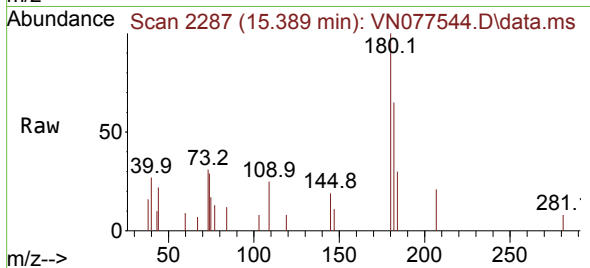
Tgt Ion:180 Resp: 3639

Ion Ratio Lower Upper

180 100

182 85.2 46.1 138.2

145 34.5 16.6 49.8



#95

Naphthalene

Concen: 2.582 ug/l

RT: 15.648 min Scan# 2331

Delta R.T. 0.059 min

Lab File: VN077544.D

Acq: 01 May 2023 15:49

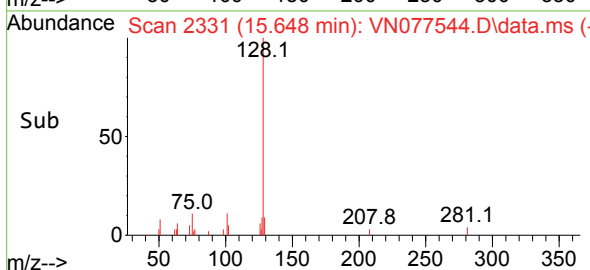
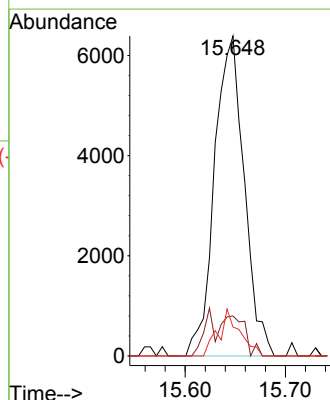
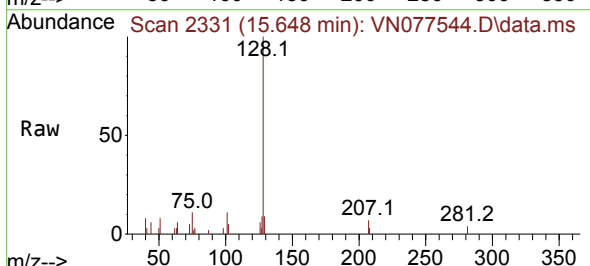
Tgt Ion:128 Resp: 13163

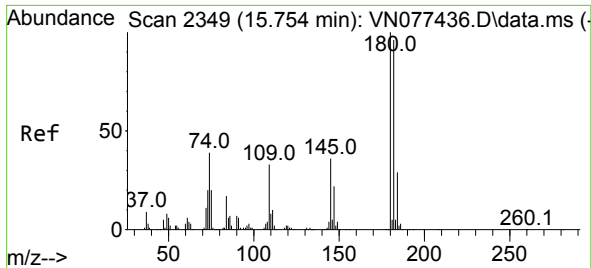
Ion Ratio Lower Upper

128 100

127 10.2 10.0 15.0

129 10.4 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 2.407 ug/l
 RT: 15.842 min Scan# 21
 Delta R.T. 0.088 min
 Lab File: VN077544.D
 Acq: 01 May 2023 15:49

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-9DL

Tgt Ion:	180	Resp:	4379
Ion	Ratio	Lower	Upper
180	100		
182	90.2	46.2	138.6
145	15.0	17.5	52.6#

