

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093023\
 Data File : VN079377.D
 Acq On : 30 Sep 2023 11:22
 Operator : JC\MD
 Sample : VN0930WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 02 01:50:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	138477	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	247246	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	222715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	68663	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	115491	61.783	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 123.560%	
35) Dibromofluoromethane	8.171	113	102670	62.427	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 124.860%#	
50) Toluene-d8	10.571	98	260720	43.174	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 86.340%	
62) 4-Bromofluorobenzene	12.853	95	88783	46.091	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.180%	

Target Compounds				Qvalue		
3) Chloromethane	2.365	50	778	0.433	ug/l #	82
5) Bromomethane	2.971	94	1017	0.903	ug/l #	73
6) Chloroethane	3.100	64	197	Below Cal	#	43
11) Tert butyl alcohol	5.500	59	550	1.594	ug/l #	72
13) Acrolein	4.212	56	89	0.270	ug/l #	1
16) Acetone	4.453	43	743	0.936	ug/l #	40
18) Methyl Acetate	5.036	43	661	0.203	ug/l #	42
20) Methylene Chloride	5.283	84	860	0.445	ug/l #	64
25) 2-Butanone	7.518	43	531	0.461	ug/l #	37
31) Cyclohexane	8.224	56	4029	1.476	ug/l #	43
36) 1,1-Dichloropropene	8.230	75	13251	5.227	ug/l #	46
38) Carbon Tetrachloride	8.230	117	14984	5.712	ug/l #	16
43) Isopropyl Acetate	8.741	43	2371	0.575	ug/l #	49
51) 4-Methyl-2-Pentanone	10.447	43	793	0.331	ug/l	98
59) 2-Hexanone	11.200	43	1851	1.067	ug/l	87
65) Chlorobenzene	11.900	112	1020	0.202	ug/l #	43
68) m/p-Xylenes	12.076	106	962	0.299	ug/l	80
74) N-amyl acetate	12.500	43	826	0.349	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	12.947	83	592	0.254	ug/l #	82
76) 1,2,3-Trichloropropane	12.853	75	50144	27.097	ug/l #	1
77) Bromobenzene	12.976	156	420	0.266	ug/l	60
78) n-propylbenzene	13.041	91	1828	0.260	ug/l #	60
79) 2-Chlorotoluene	13.129	91	1028	0.224	ug/l	87
81) trans-1,4-Dichloro-2-b...	12.853	75	50144	74.495	ug/l #	15
82) 4-Chlorotoluene	13.235	91	1459	0.338	ug/l	91
84) 1,2,4-Trimethylbenzene	13.482	105	1234	0.249	ug/l	67
85) sec-Butylbenzene	13.617	105	1403	0.237	ug/l #	68
86) p-Isopropyltoluene	13.747	119	997	0.211	ug/l #	74
87) 1,3-Dichlorobenzene	13.747	146	1256	0.484	ug/l	92
88) 1,4-Dichlorobenzene	13.747	146	1256	0.479	ug/l	93
89) n-Butylbenzene	14.053	91	2091	0.561	ug/l	88
91) 1,2-Dichlorobenzene	14.112	146	1343	0.524	ug/l	90
92) 1,2-Dibromo-3-Chloropr...	14.723	75	241	0.681	ug/l #	61
93) 1,2,4-Trichlorobenzene	15.400	180	1322	1.436	ug/l	85
94) Hexachlorobutadiene	15.494	225	757	1.046	ug/l	81
95) Naphthalene	15.641	128	5151	1.884	ug/l	99

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QLast Update : Tue Sep 12 05:05:24 2023
Response via : Initial Calibration

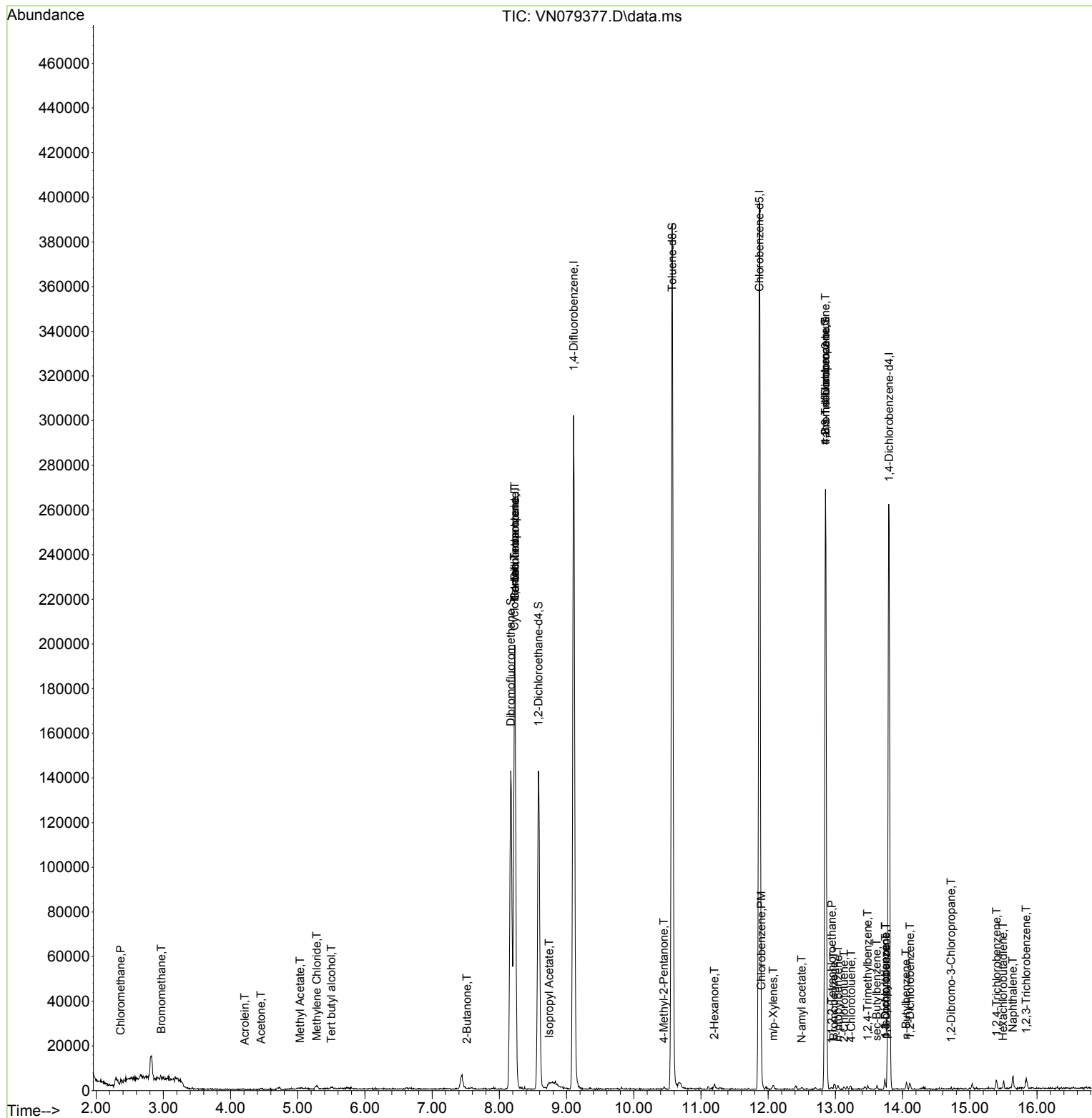
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.841	180	1954	1.800	ug/l	83

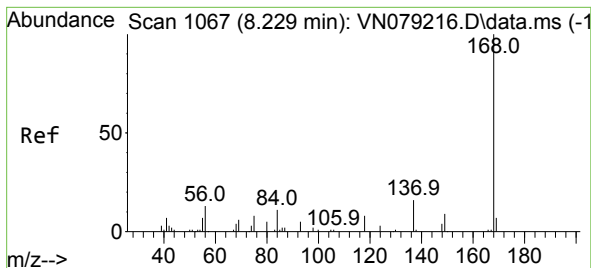
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN079377.D

Acq: 30 Sep 2023 11:22

Instrument :

MSVOA_N

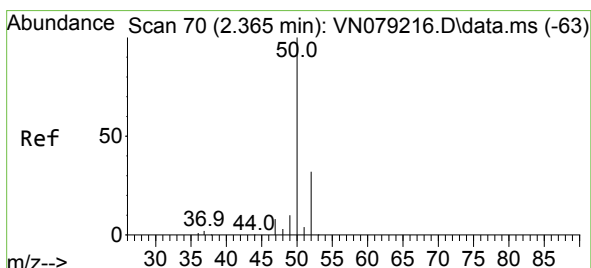
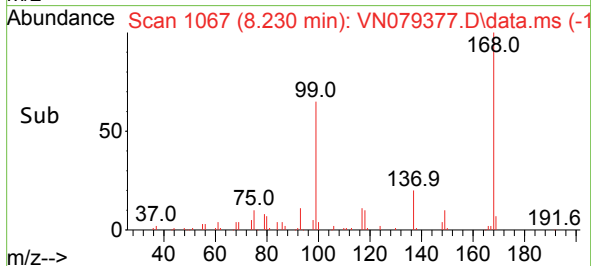
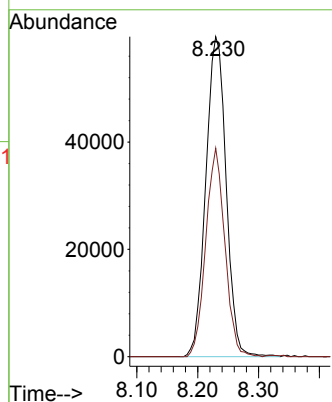
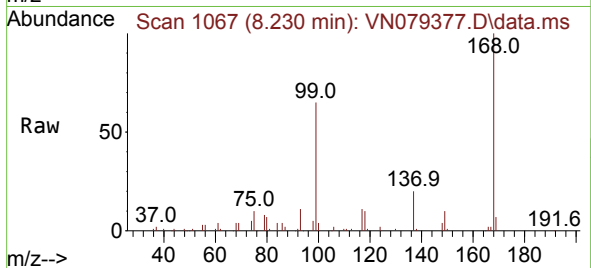
ClientSampleId :

Tgt Ion:168 Resp: 138477

Ion Ratio Lower Upper

168 100

99 65.1 53.0 79.6



#3

Chloromethane

Concen: 0.433 ug/l

RT: 2.365 min Scan# 70

Delta R.T. -0.006 min

Lab File: VN079377.D

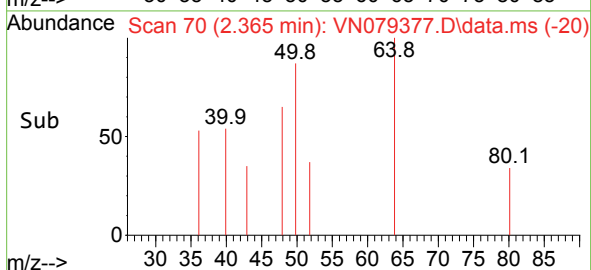
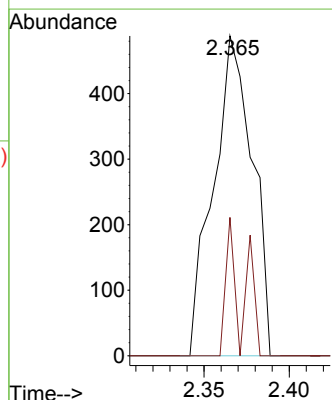
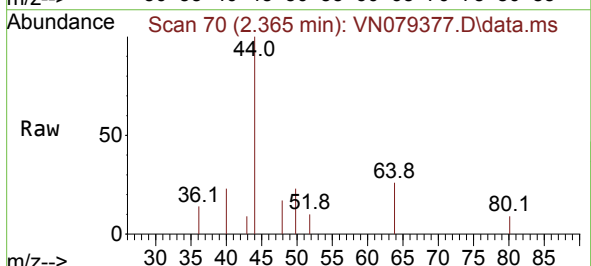
Acq: 30 Sep 2023 11:22

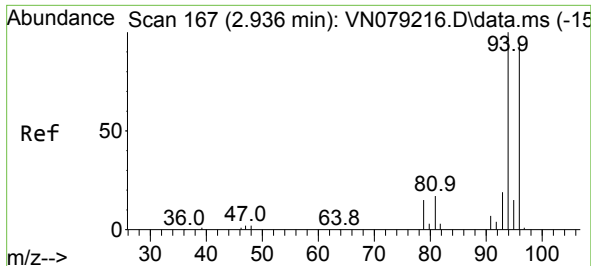
Tgt Ion: 50 Resp: 778

Ion Ratio Lower Upper

50 100

52 43.2 26.5 39.7#

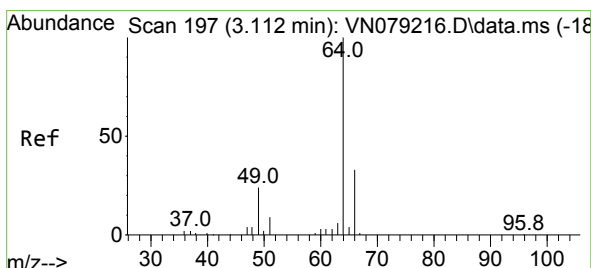
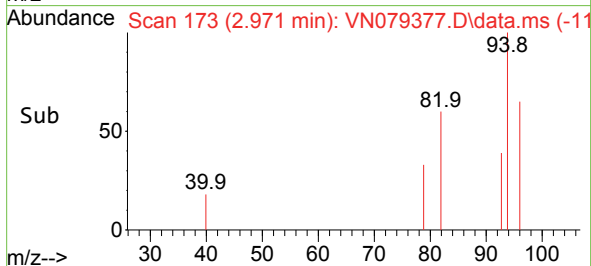
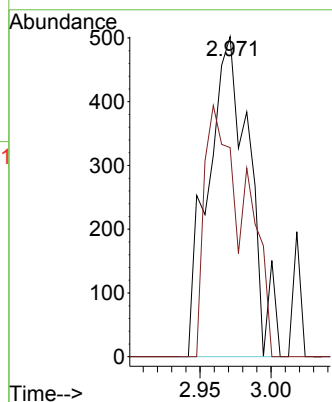
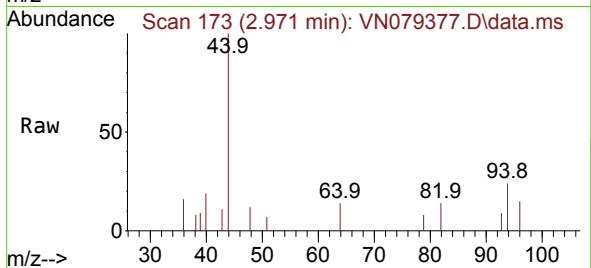




#5
Bromomethane
Concen: 0.903 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN079377.D
Acq: 30 Sep 2023 11:22

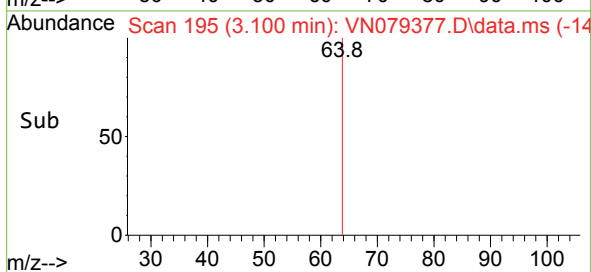
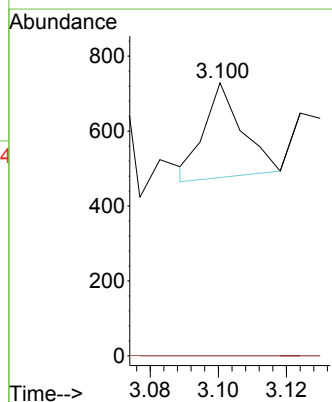
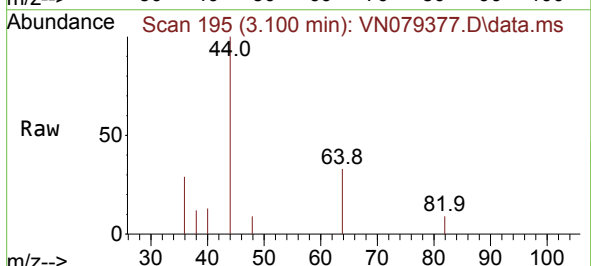
Instrument :
MSVOA_N
ClientSampleId :

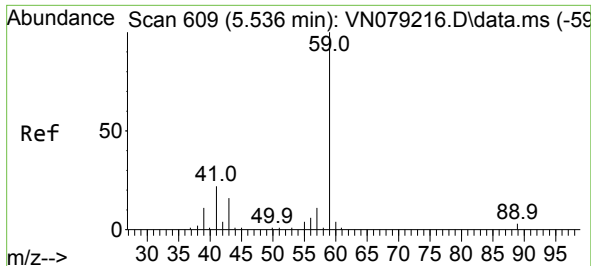
Tgt Ion: 94 Resp: 1017
Ion Ratio Lower Upper
94 100
96 65.3 73.1 109.7#



#6
Chloroethane
Concen: Below Cal
RT: 3.100 min Scan# 195
Delta R.T. -0.018 min
Lab File: VN079377.D
Acq: 30 Sep 2023 11:22

Tgt Ion: 64 Resp: 197
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

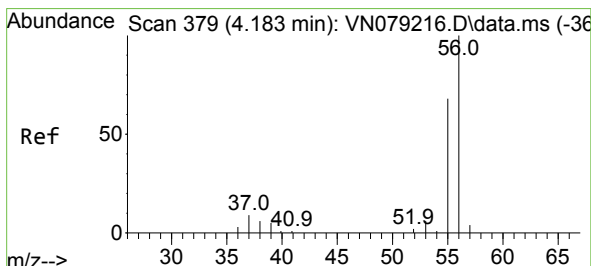
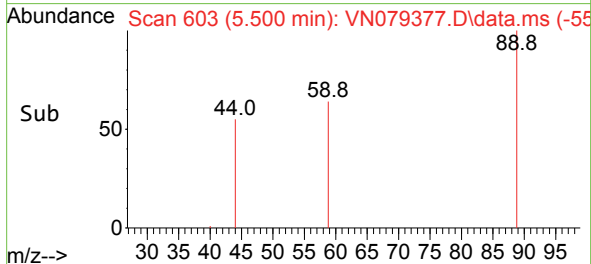
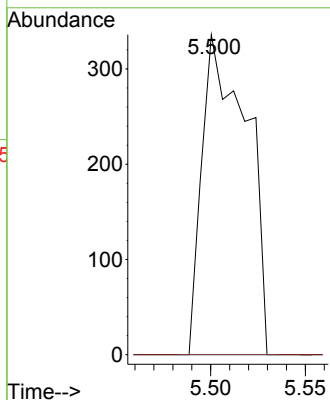
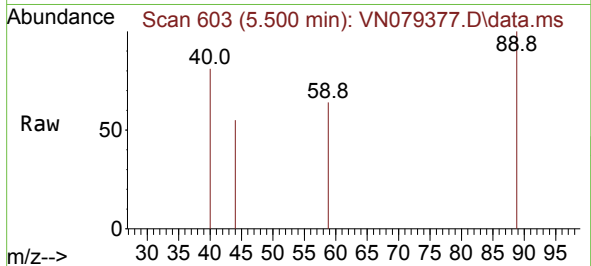




#11
Tert butyl alcohol
Concen: 1.594 ug/l
RT: 5.500 min Scan# 609
Delta R.T. -0.042 min
Lab File: VN079377.D
Acq: 30 Sep 2023 11:22

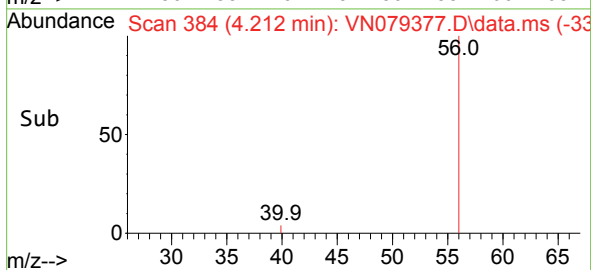
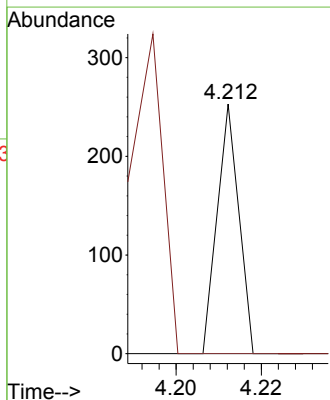
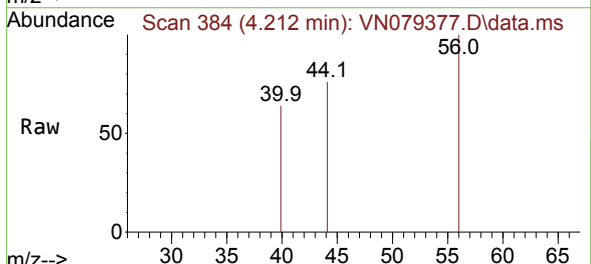
Instrument :
MSVOA_N
ClientSampleId :

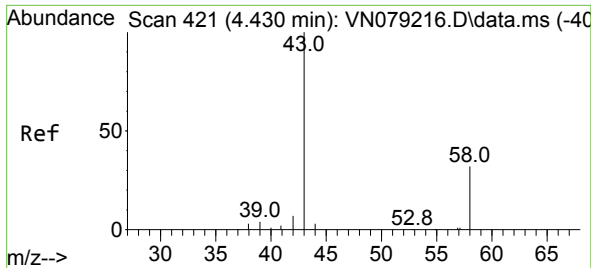
Tgt Ion: 59 Resp: 550
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 0.270 ug/l
RT: 4.212 min Scan# 384
Delta R.T. 0.017 min
Lab File: VN079377.D
Acq: 30 Sep 2023 11:22

Tgt Ion: 56 Resp: 89
Ion Ratio Lower Upper
56 100
55 357.3 54.5 81.7#

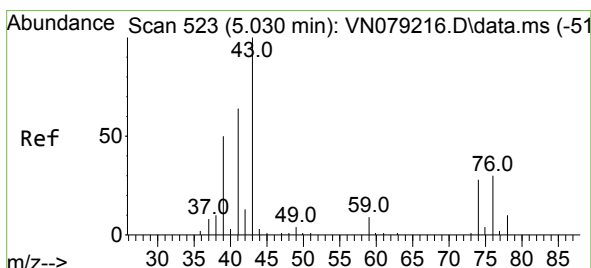
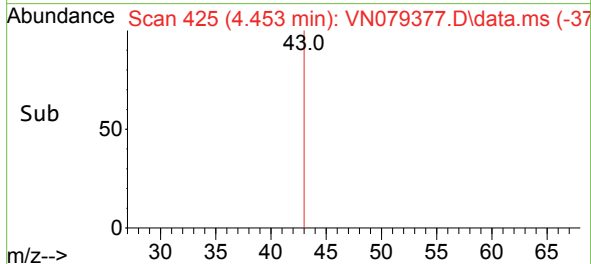
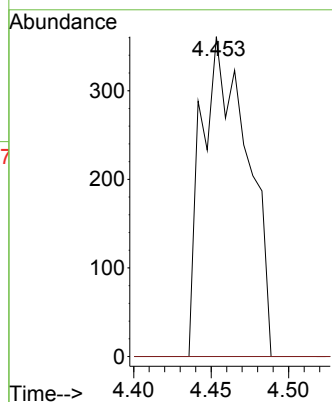
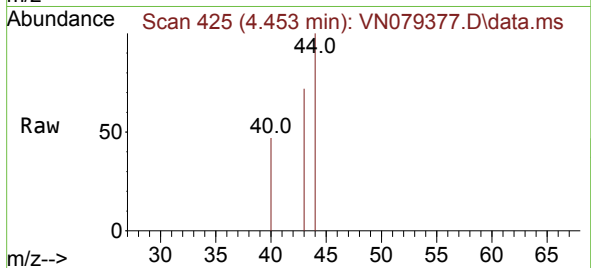




#16
Acetone
Concen: 0.936 ug/l
RT: 4.453 min Scan# 41
Delta R.T. 0.011 min
Lab File: VN079377.D
Acq: 30 Sep 2023 11:22

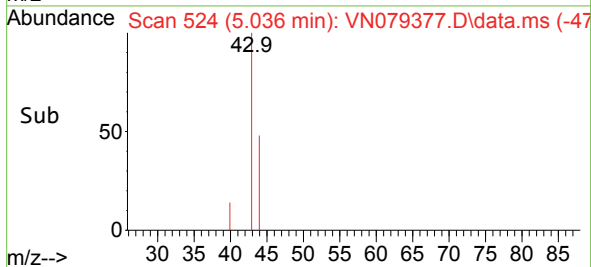
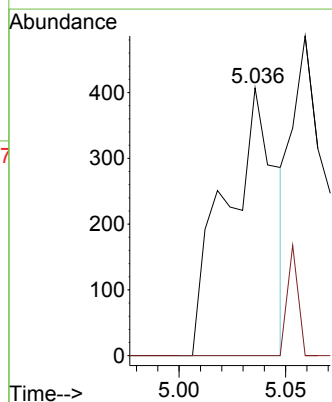
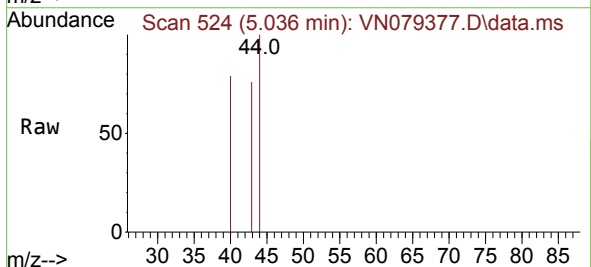
Instrument :
MSVOA_N
ClientSampleId :

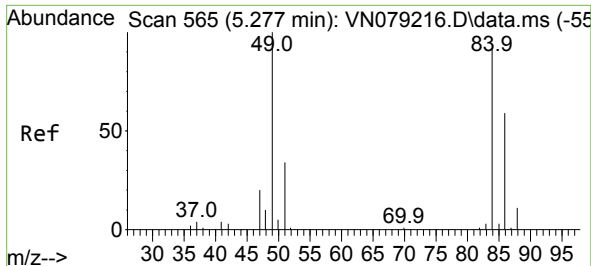
Tgt Ion: 43 Resp: 743
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#18
Methyl Acetate
Concen: 0.203 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.006 min
Lab File: VN079377.D
Acq: 30 Sep 2023 11:22

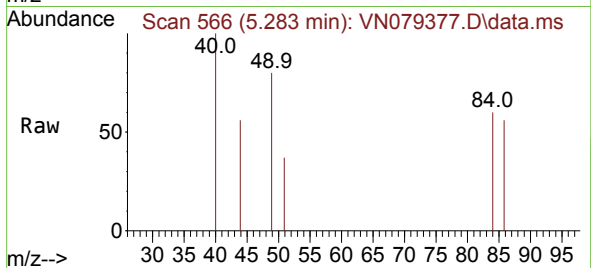
Tgt Ion: 43 Resp: 661
Ion Ratio Lower Upper
43 100
74 0.0 26.2 39.4#





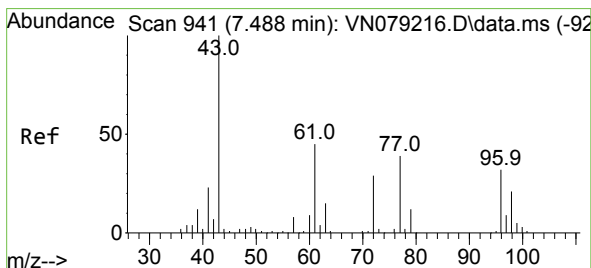
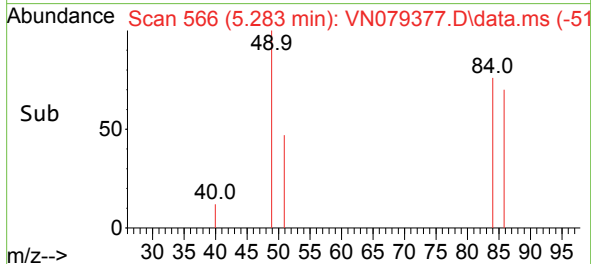
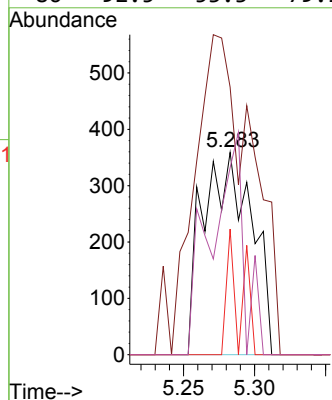
#20
Methylene Chloride
Concen: 0.445 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN079377.D
Acq: 30 Sep 2023 11:22

Instrument :
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ClientSampleId :



Tgt Ion: 84 Resp: 860

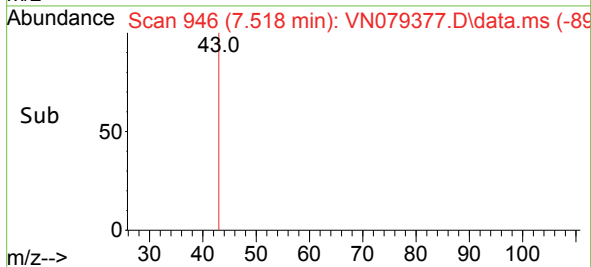
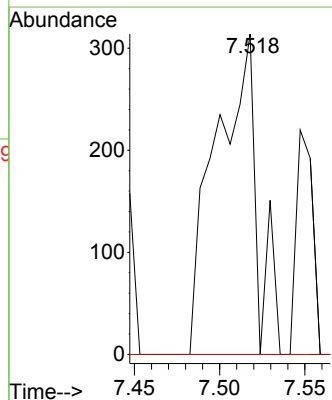
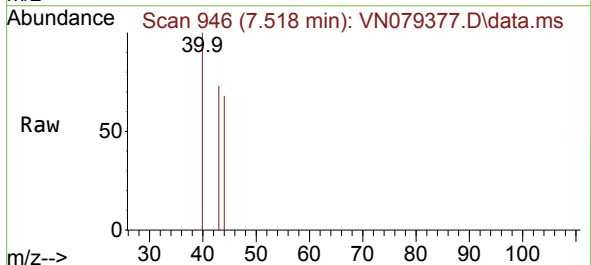
Ion	Ratio	Lower	Upper
84	100		
49	132.3	79.7	119.5#
51	62.1	25.2	37.8#
86	92.5	53.3	79.9#

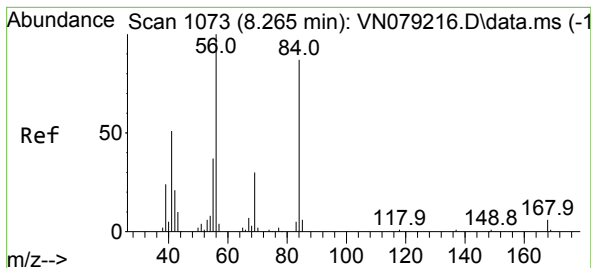


#25
2-Butanone
Concen: 0.461 ug/l
RT: 7.518 min Scan# 946
Delta R.T. 0.024 min
Lab File: VN079377.D
Acq: 30 Sep 2023 11:22

Tgt Ion: 43 Resp: 531

Ion	Ratio	Lower	Upper
43	100		
72	0.0	30.2	45.2#





#31

Cyclohexane

Concen: 1.476 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.041 min

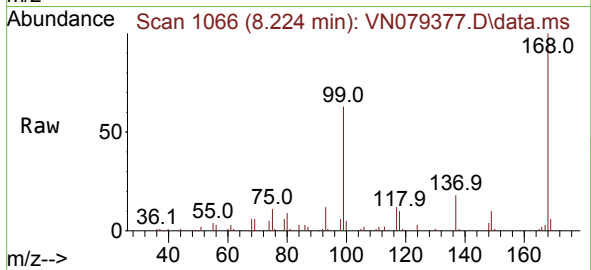
Lab File: VN079377.D

Acq: 30 Sep 2023 11:22

Instrument :

MSVOA_N

ClientSampleId :



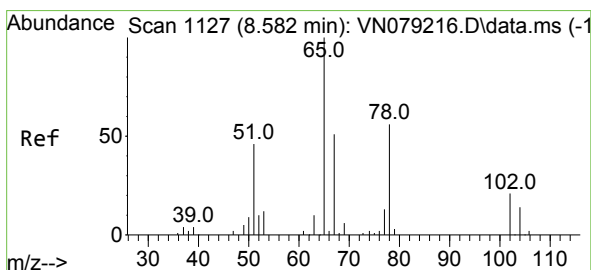
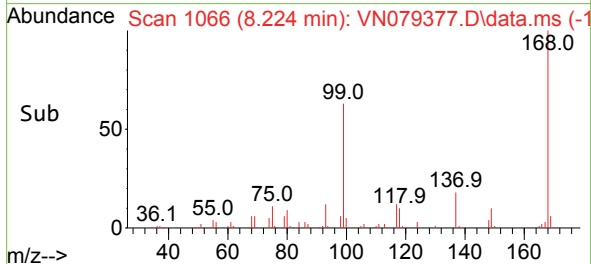
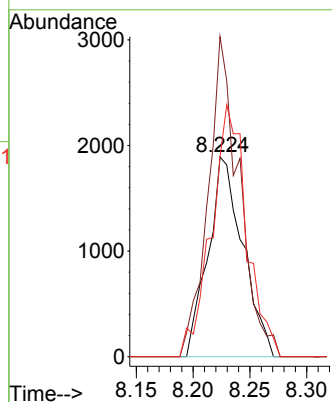
Tgt Ion: 56 Resp: 4029

Ion Ratio Lower Upper

56 100

69 160.2 26.8 40.2#

84 100.1 81.8 122.6



#33

1,2-Dichloroethane-d4

Concen: 61.783 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN079377.D

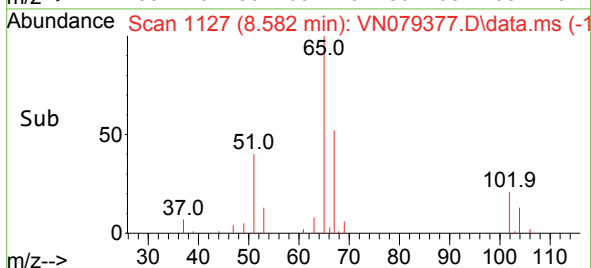
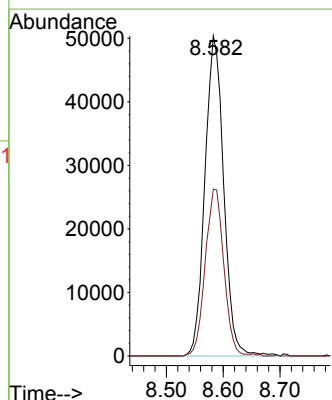
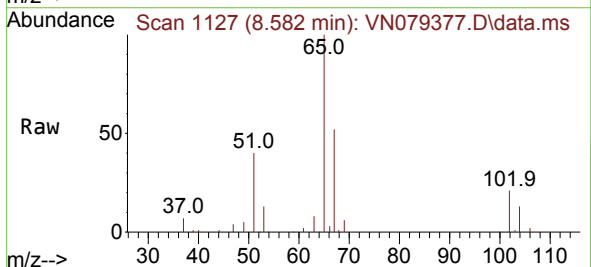
Acq: 30 Sep 2023 11:22

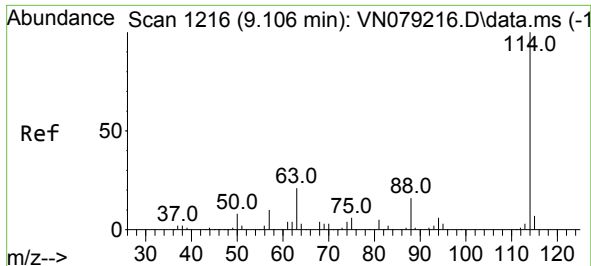
Tgt Ion: 65 Resp: 115491

Ion Ratio Lower Upper

65 100

67 51.8 0.0 106.6

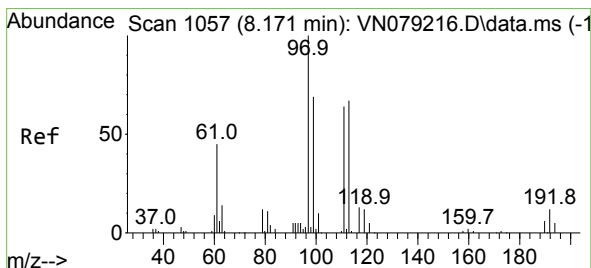
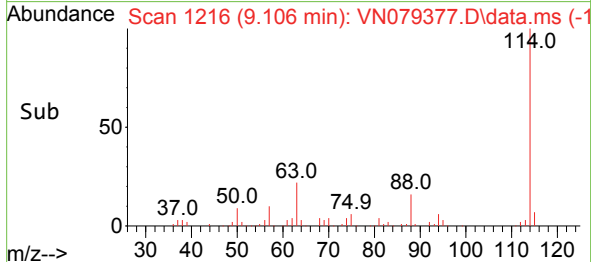
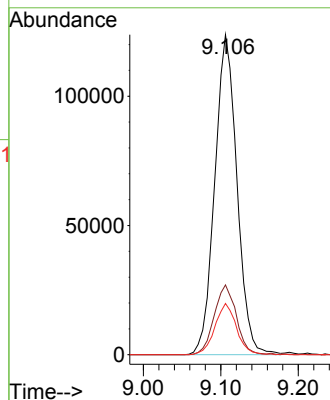
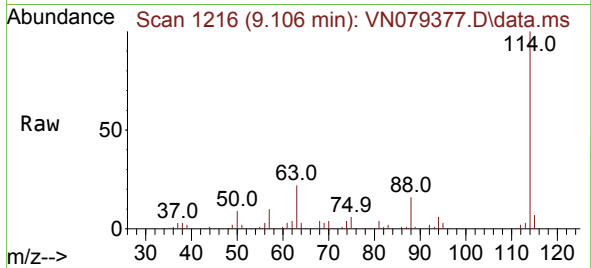




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079377.D
Acq: 30 Sep 2023 11:22

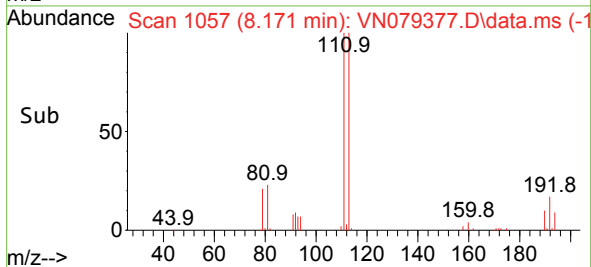
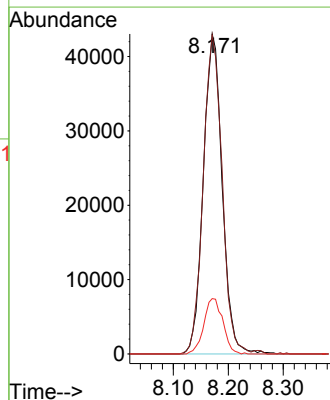
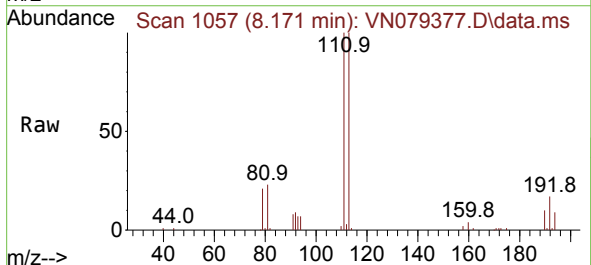
Instrument :
MSVOA_N
ClientSampleId :

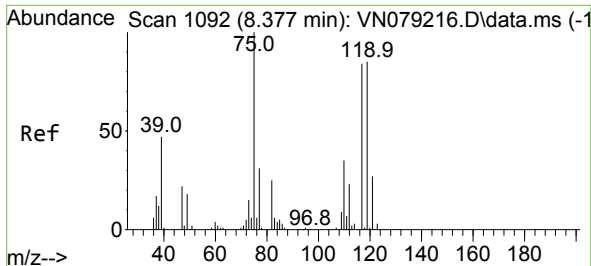
Tgt Ion:114 Resp: 247246
Ion Ratio Lower Upper
114 100
63 21.8 0.0 36.4
88 16.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 62.427 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079377.D
Acq: 30 Sep 2023 11:22

Tgt Ion:113 Resp: 102670
Ion Ratio Lower Upper
113 100
111 99.6 82.6 123.8
192 17.5 12.7 19.1





#36

1,1-Dichloropropene

Concen: 5.227 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

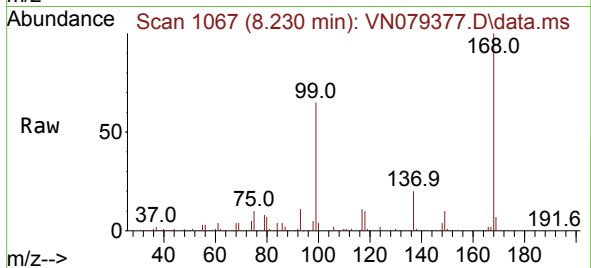
Lab File: VN079377.D

Acq: 30 Sep 2023 11:22

Instrument :

MSVOA_N

ClientSampleId :



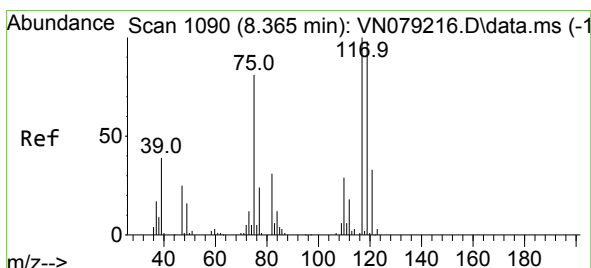
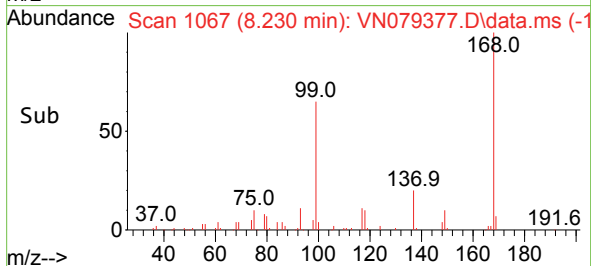
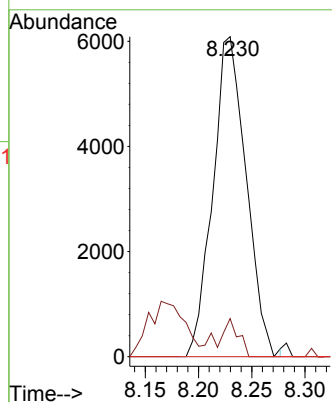
Tgt Ion: 75 Resp: 13251

Ion Ratio Lower Upper

75 100

110 6.9 19.1 57.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.712 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN079377.D

Acq: 30 Sep 2023 11:22

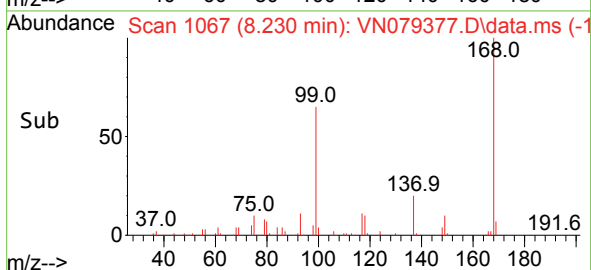
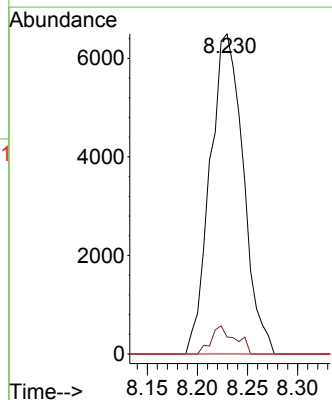
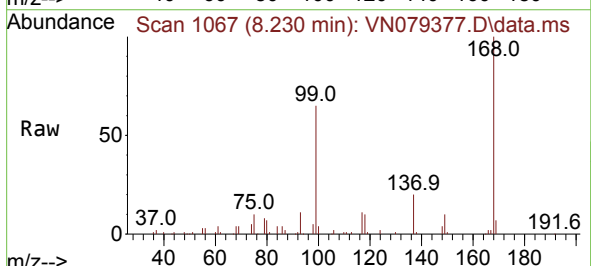
Tgt Ion: 117 Resp: 14984

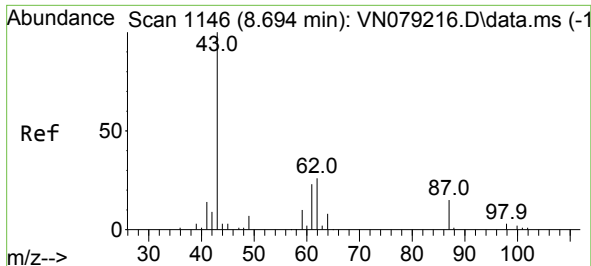
Ion Ratio Lower Upper

117 100

119 5.3 77.3 115.9#

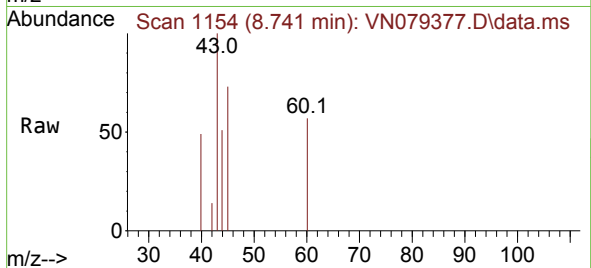
121 0.0 23.3 34.9#



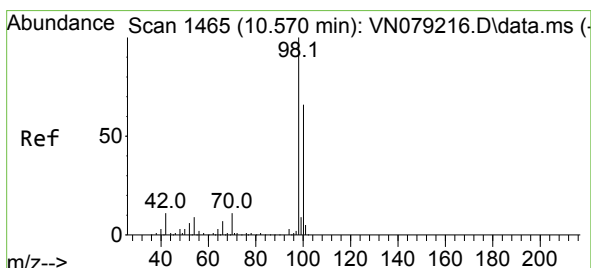
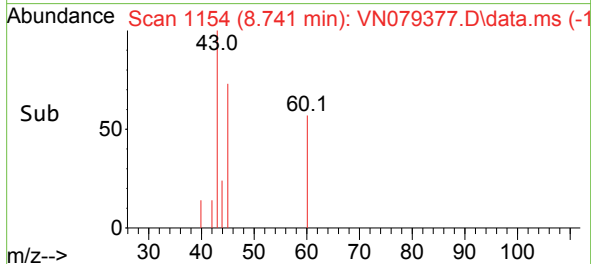
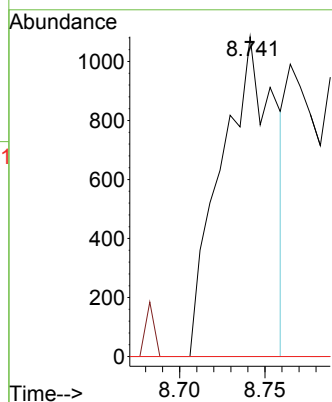


#43
Isopropyl Acetate
Concen: 0.575 ug/l
RT: 8.741 min Scan# 1146
Delta R.T. 0.047 min
Lab File: VN079377.D
Acq: 30 Sep 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :

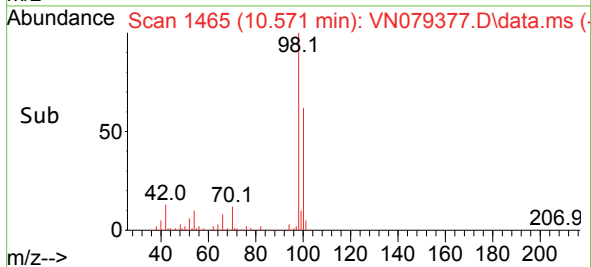
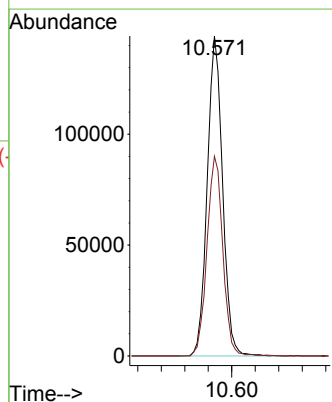
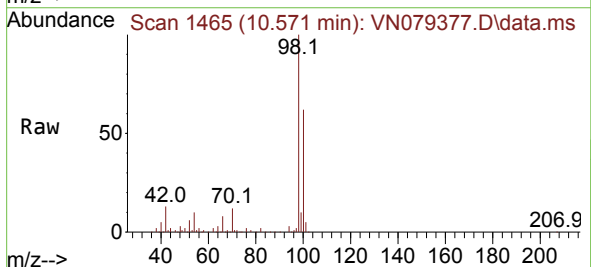


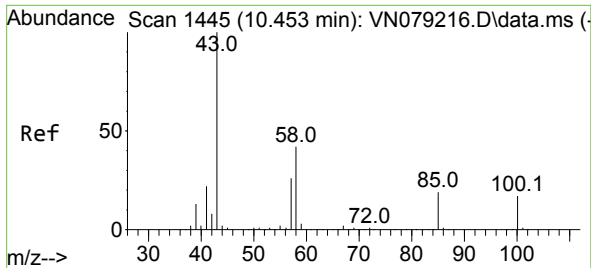
Tgt Ion: 43 Resp: 2371
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#50
Toluene-d8
Concen: 43.174 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079377.D
Acq: 30 Sep 2023 11:22

Tgt Ion: 98 Resp: 260720
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0

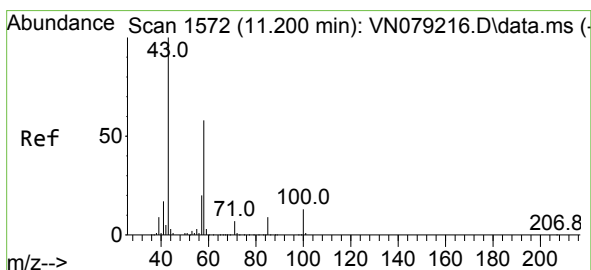
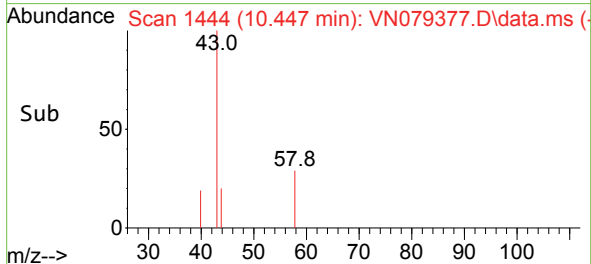
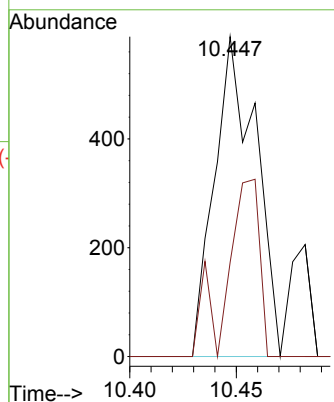
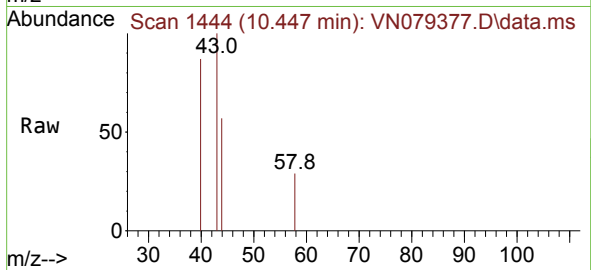




#51
4-Methyl-2-Pentanone
Concen: 0.331 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079377.D
Acq: 30 Sep 2023 11:22

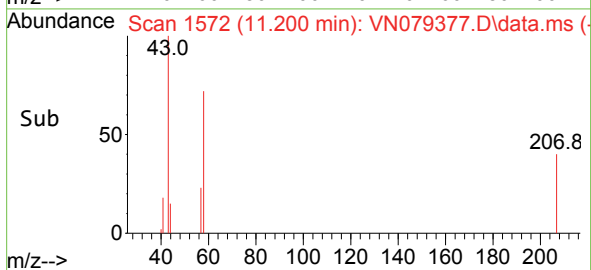
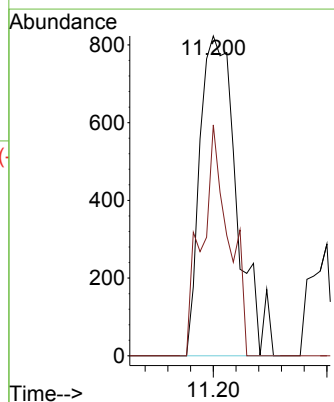
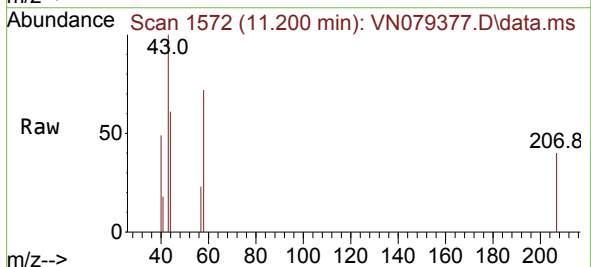
Instrument :
MSVOA_N
ClientSampleId :

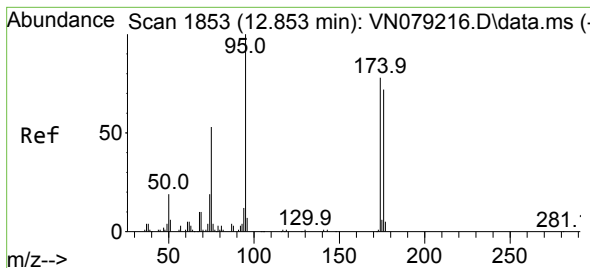
Tgt Ion: 43 Resp: 793
Ion Ratio Lower Upper
43 100
58 44.3 36.6 54.8



#59
2-Hexanone
Concen: 1.067 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN079377.D
Acq: 30 Sep 2023 11:22

Tgt Ion: 43 Resp: 1851
Ion Ratio Lower Upper
43 100
58 53.0 31.7 95.1

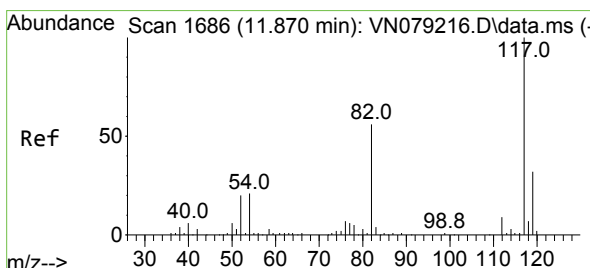
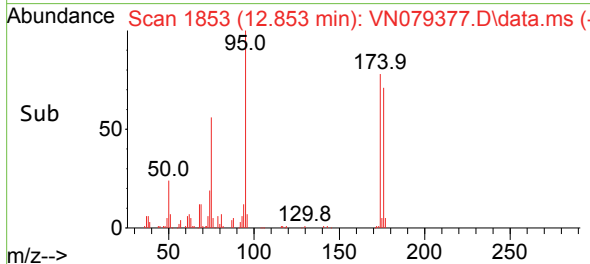
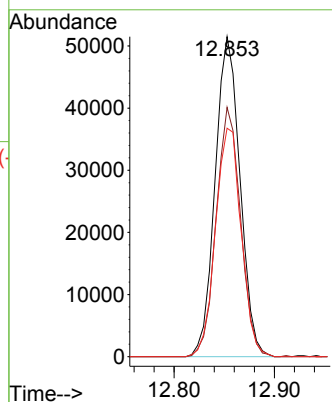
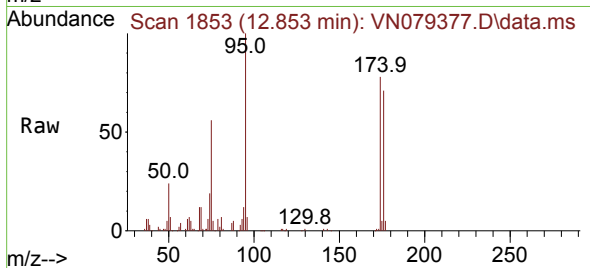




#62
4-Bromofluorobenzene
Concen: 46.091 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079377.D
Acq: 30 Sep 2023 11:22

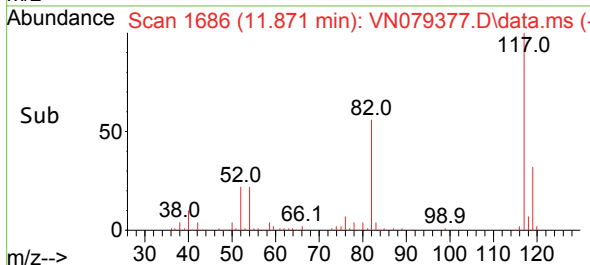
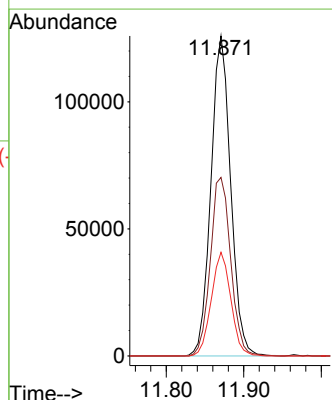
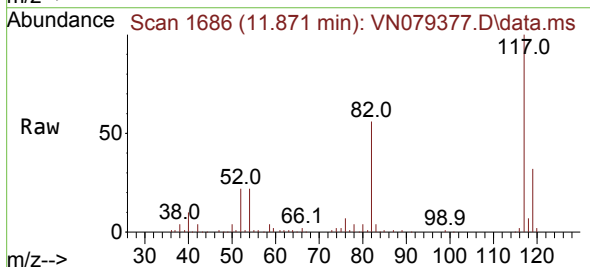
Instrument :
MSVOA_N
ClientSampleId :

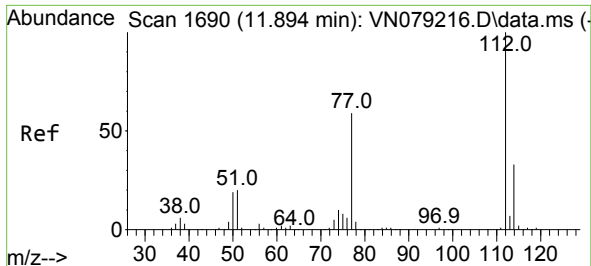
Tgt Ion: 95 Resp: 88783
Ion Ratio Lower Upper
95 100
174 76.2 0.0 143.8
176 73.9 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079377.D
Acq: 30 Sep 2023 11:22

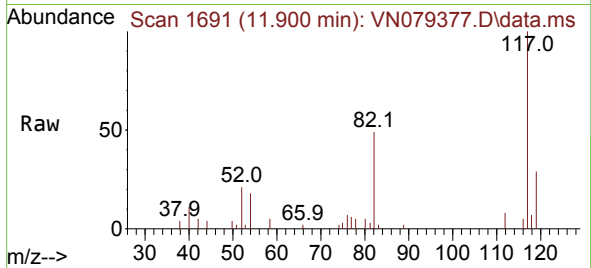
Tgt Ion: 117 Resp: 222715
Ion Ratio Lower Upper
117 100
82 55.8 44.0 66.0
119 32.4 25.6 38.4



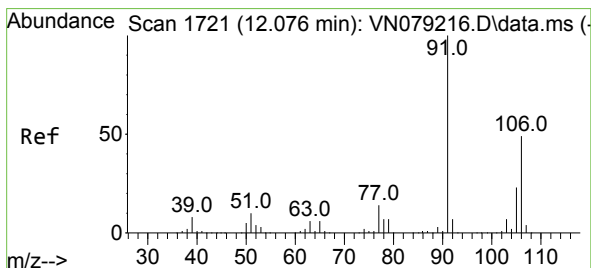
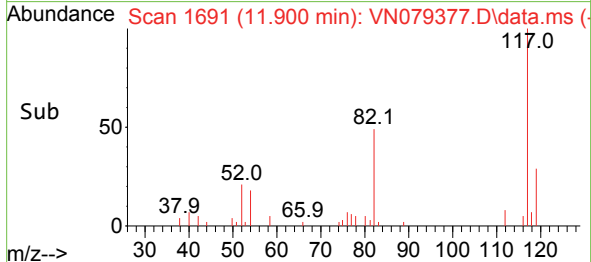
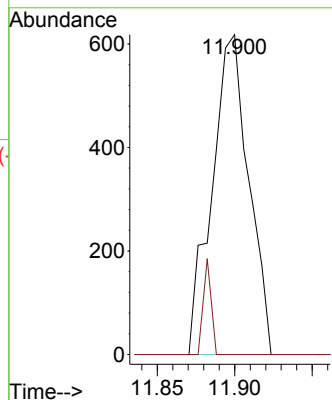


#65
Chlorobenzene
Concen: 0.202 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.006 min
Lab File: VN079377.D
Acq: 30 Sep 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :

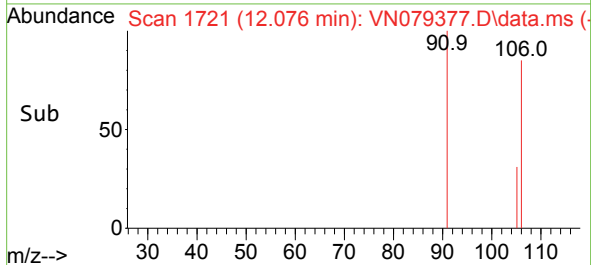
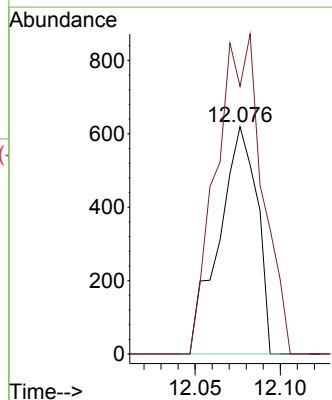
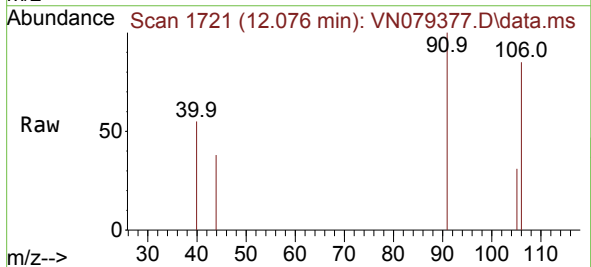


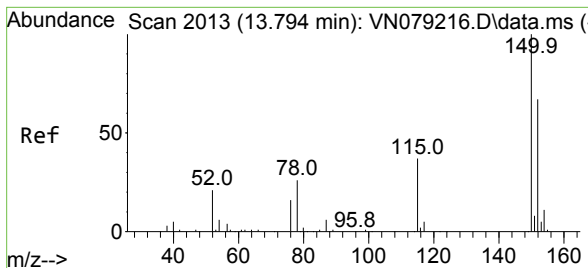
Tgt Ion:112 Resp: 1020
Ion Ratio Lower Upper
112 100
114 0.0 25.0 37.4#



#68
m/p-Xylenes
Concen: 0.299 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079377.D
Acq: 30 Sep 2023 11:22

Tgt Ion:106 Resp: 962
Ion Ratio Lower Upper
106 100
91 169.5 159.6 239.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 20

Delta R.T. 0.006 min

Lab File: VN079377.D

Acq: 30 Sep 2023 11:22

Instrument :

MSVOA_N

ClientSampleId :

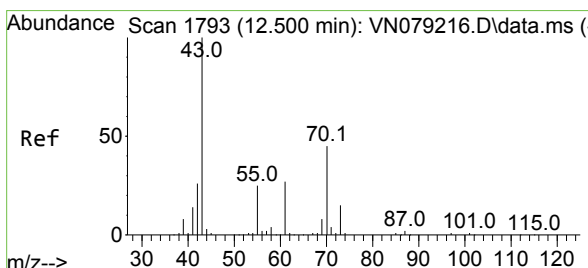
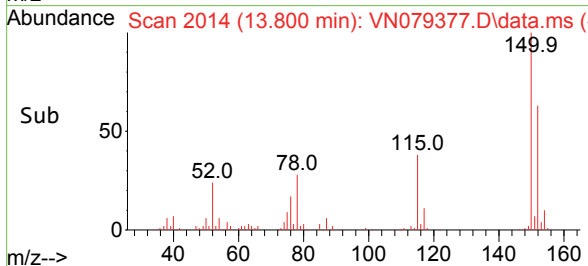
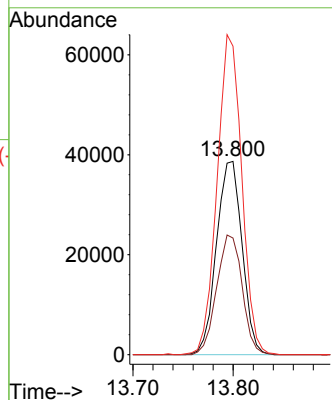
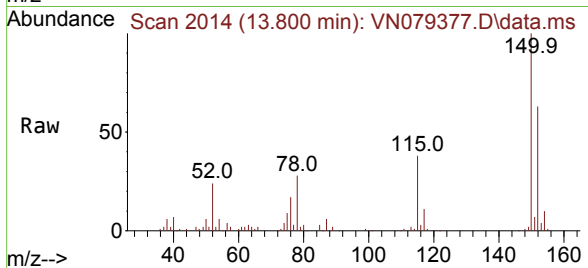
Tgt Ion:152 Resp: 68663

Ion Ratio Lower Upper

152 100

115 61.5 32.3 96.8

150 159.4 0.0 355.8



#74

N-ethyl acetate

Concen: 0.349 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN079377.D

Acq: 30 Sep 2023 11:22

Tgt Ion: 43 Resp: 826

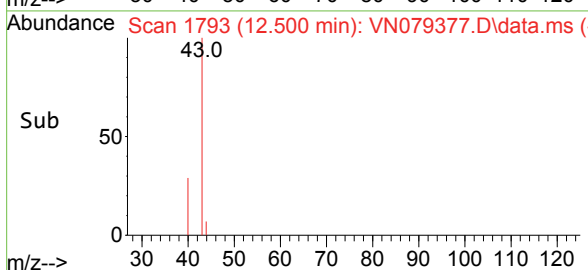
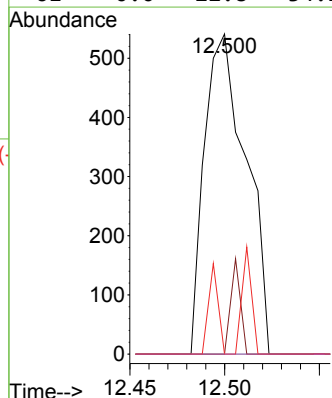
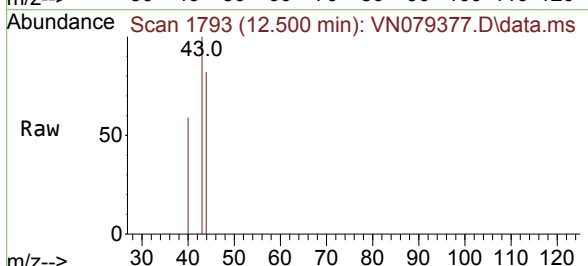
Ion Ratio Lower Upper

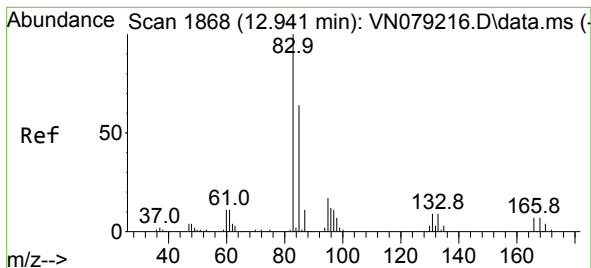
43 100

70 6.9 43.4 65.2#

55 7.7 21.4 32.0#

61 0.0 22.8 34.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.254 ug/l

RT: 12.947 min Scan# 1868

Delta R.T. 0.006 min

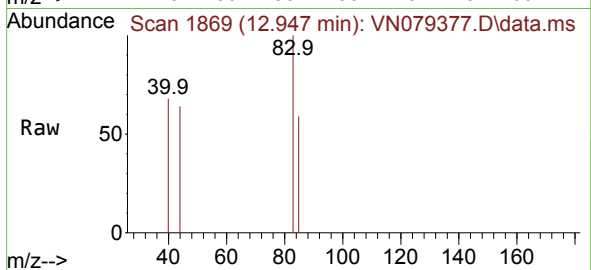
Lab File: VN079377.D

Acq: 30 Sep 2023 11:22

Instrument :

MSVOA_N

ClientSampleId :



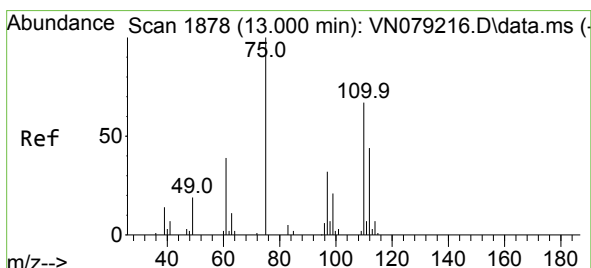
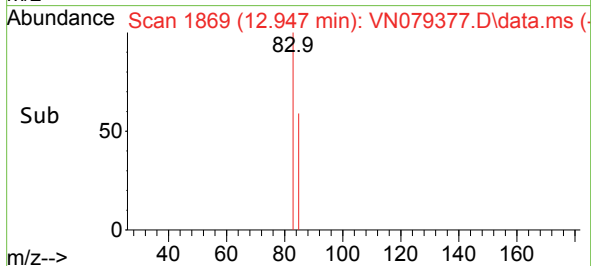
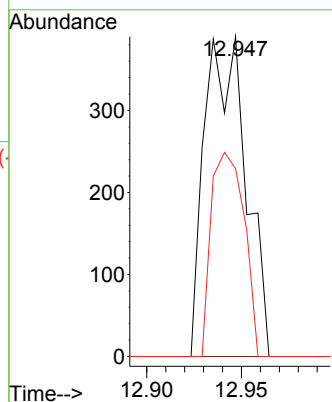
Tgt Ion: 83 Resp: 592

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

85 50.8 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 27.097 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN079377.D

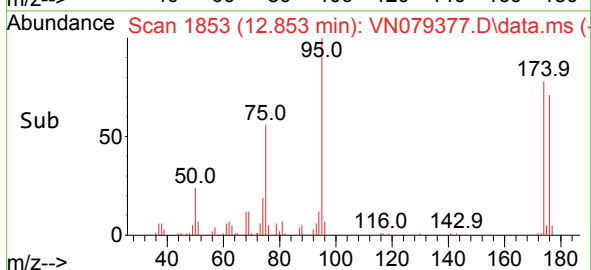
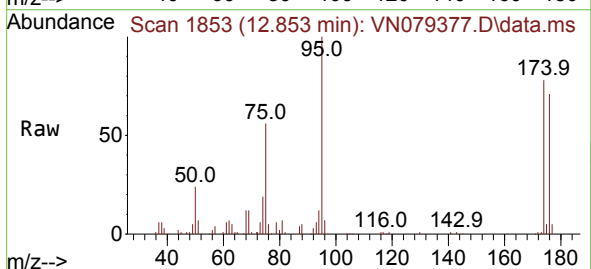
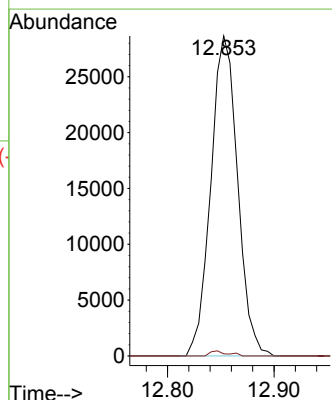
Acq: 30 Sep 2023 11:22

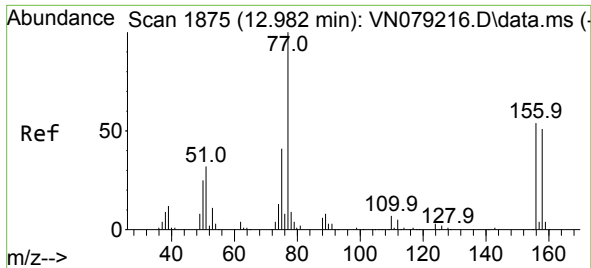
Tgt Ion: 75 Resp: 50144

Ion Ratio Lower Upper

75 100

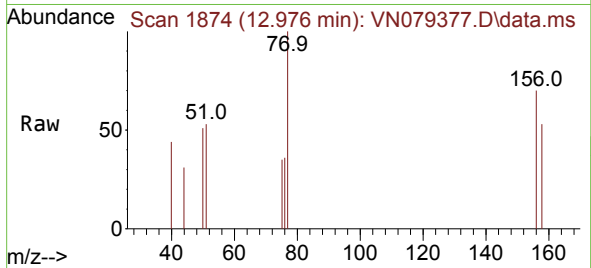
77 1.0 84.5 253.5#



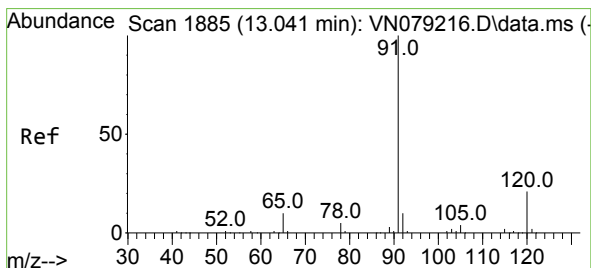
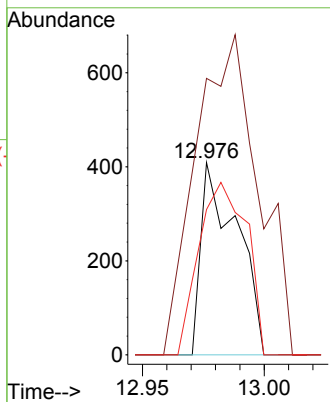
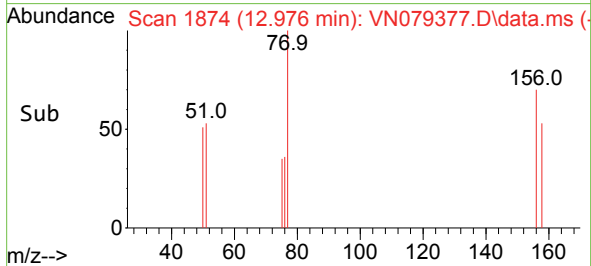


#77
Bromobenzene
Concen: 0.266 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN079377.D
Acq: 30 Sep 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :

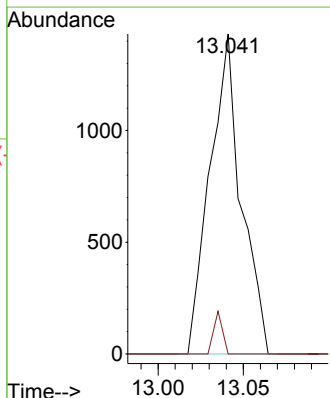
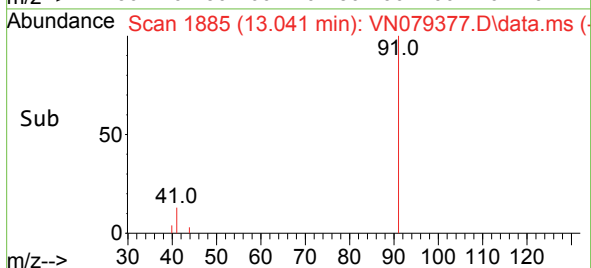
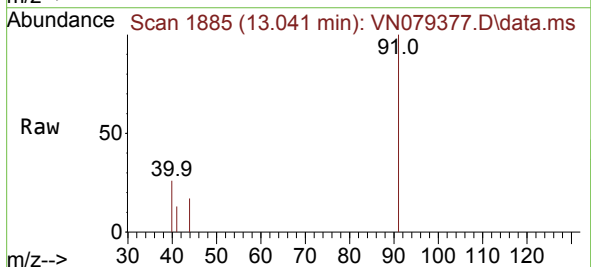


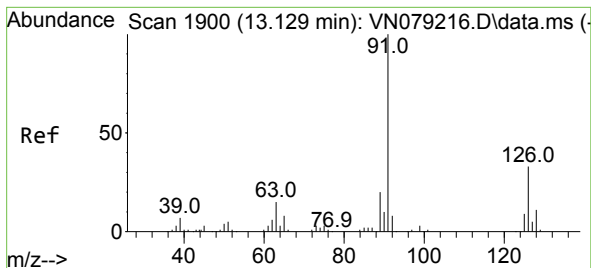
Tgt Ion:156 Resp: 420
Ion Ratio Lower Upper
156 100
77 290.7 107.7 323.3
158 119.0 48.4 145.3



#78
n-propylbenzene
Concen: 0.260 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079377.D
Acq: 30 Sep 2023 11:22

Tgt Ion: 91 Resp: 1828
Ion Ratio Lower Upper
91 100
120 3.7 11.5 34.4#

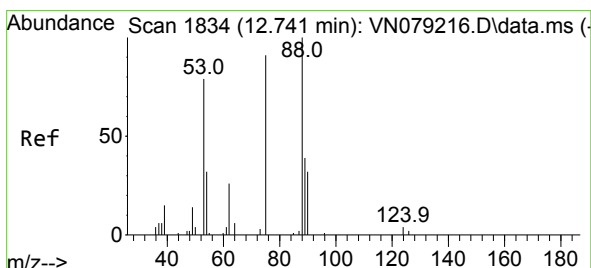
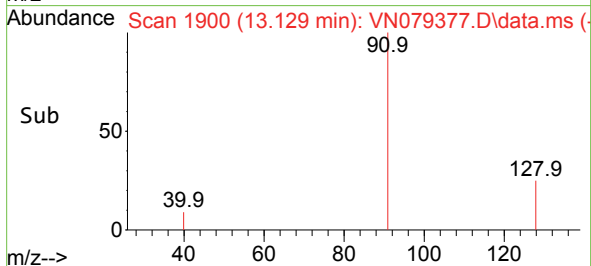
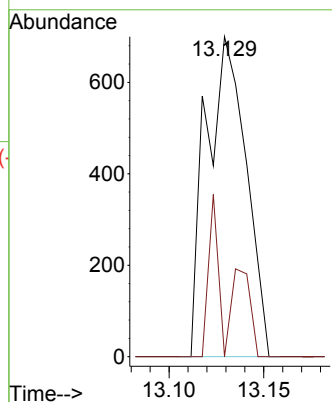
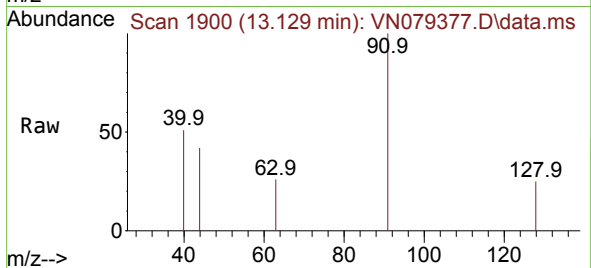




#79
2-Chlorotoluene
Concen: 0.224 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079377.D
Acq: 30 Sep 2023 11:22

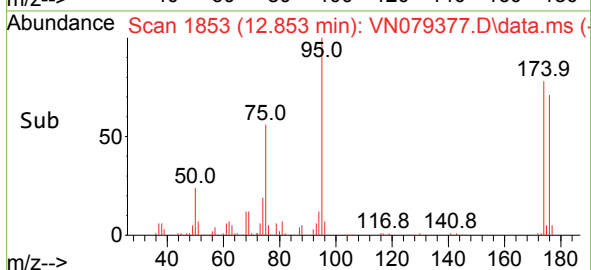
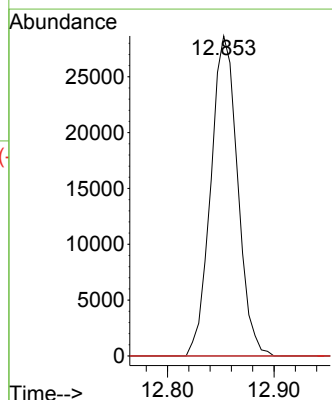
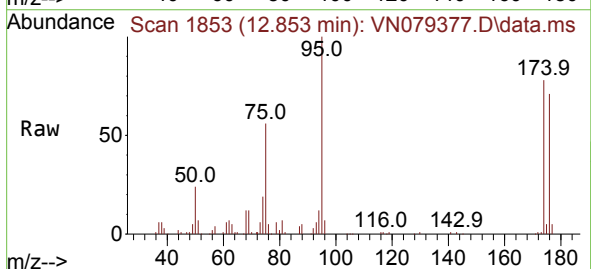
Instrument :
MSVOA_N
ClientSampleId :

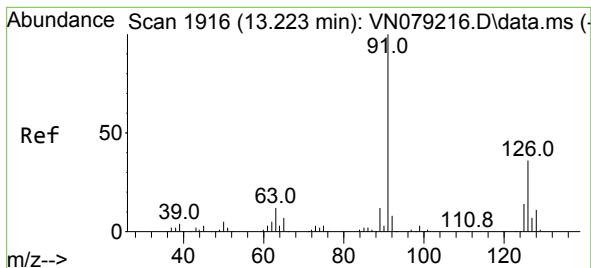
Tgt Ion: 91 Resp: 1028
Ion Ratio Lower Upper
91 100
126 25.0 16.3 48.8



#81
trans-1,4-Dichloro-2-butene
Concen: 74.495 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN079377.D
Acq: 30 Sep 2023 11:22

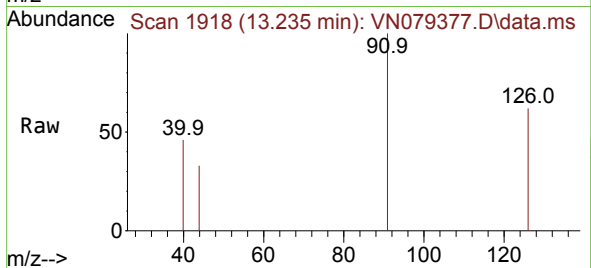
Tgt Ion: 75 Resp: 50144
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



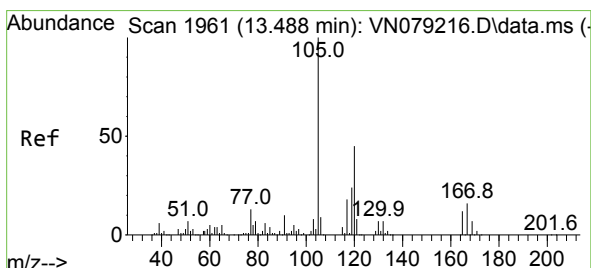
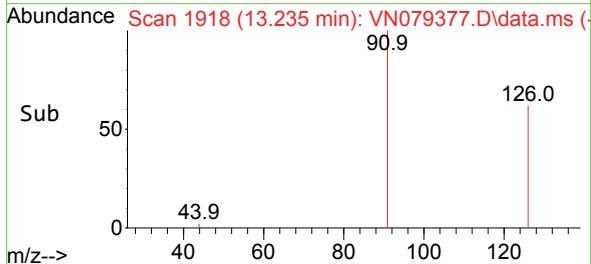
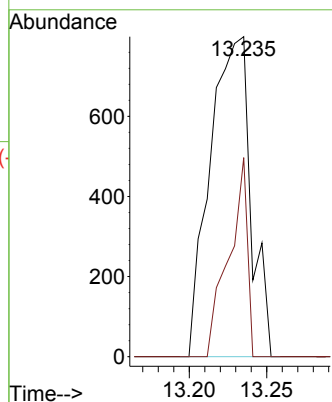


#82
4-Chlorotoluene
Concen: 0.338 ug/l
RT: 13.235 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN079377.D
Acq: 30 Sep 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :

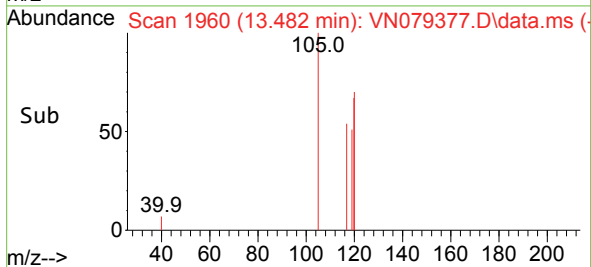
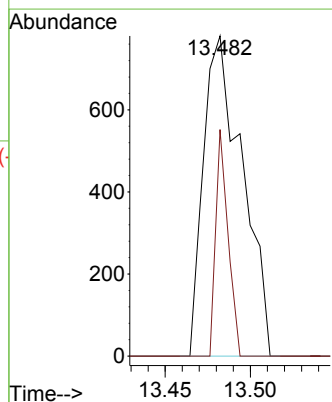
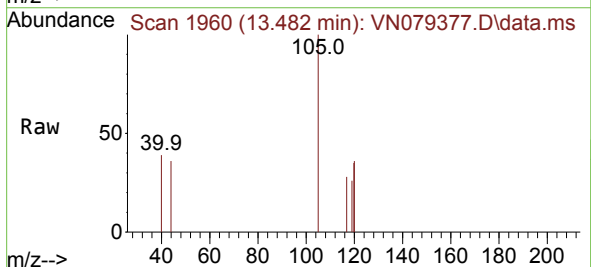


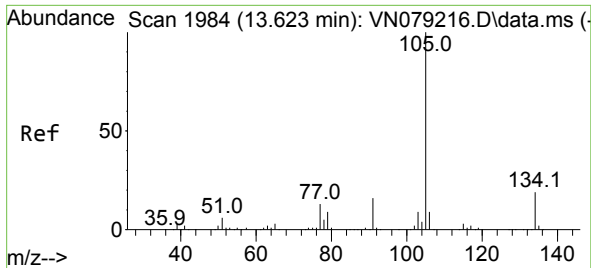
Tgt Ion: 91 Resp: 1459
Ion Ratio Lower Upper
91 100
126 28.4 16.7 50.0



#84
1,2,4-Trimethylbenzene
Concen: 0.249 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.006 min
Lab File: VN079377.D
Acq: 30 Sep 2023 11:22

Tgt Ion: 105 Resp: 1234
Ion Ratio Lower Upper
105 100
120 22.4 22.0 66.0

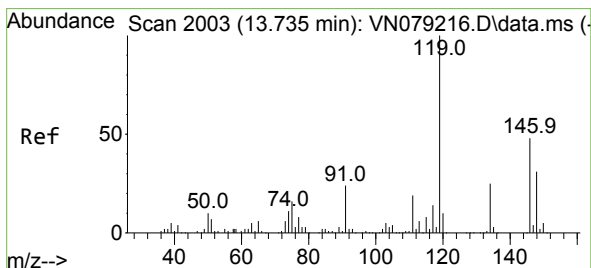
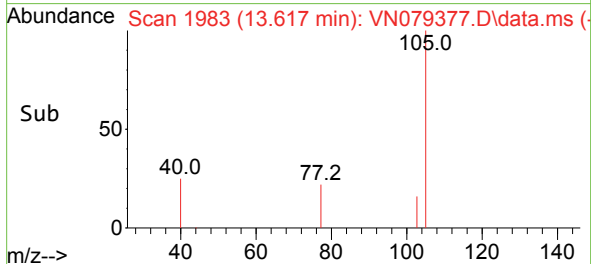
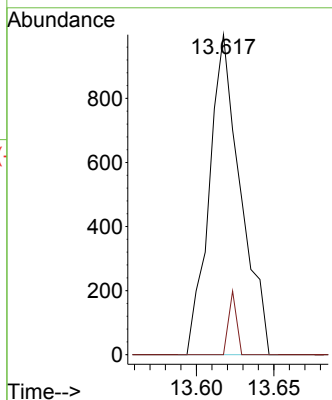
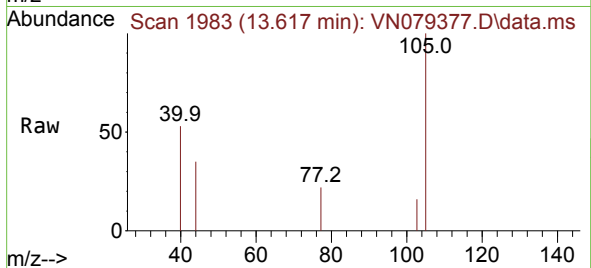




#85
 sec-Butylbenzene
 Concen: 0.237 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN079377.D
 Acq: 30 Sep 2023 11:22

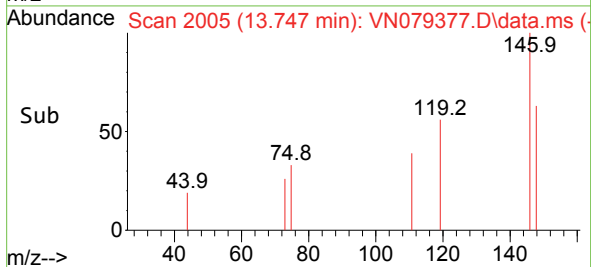
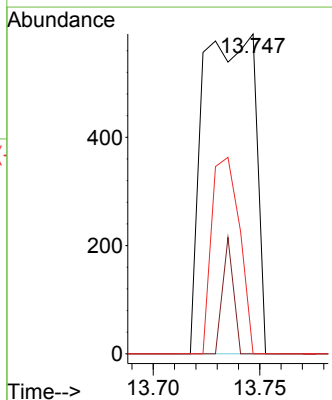
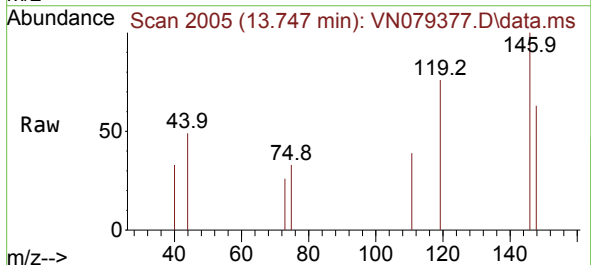
Instrument :
 MSVOA_N
 ClientSampleId :

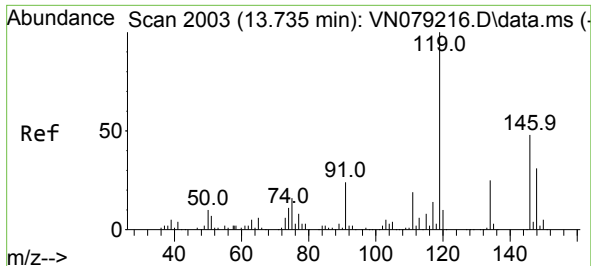
Tgt Ion:105 Resp: 1403
 Ion Ratio Lower Upper
 105 100
 134 5.0 9.8 29.3#



#86
 p-Isopropyltoluene
 Concen: 0.211 ug/l
 RT: 13.747 min Scan# 2005
 Delta R.T. 0.012 min
 Lab File: VN079377.D
 Acq: 30 Sep 2023 11:22

Tgt Ion:119 Resp: 997
 Ion Ratio Lower Upper
 119 100
 134 7.6 12.6 37.8#
 91 33.1 12.4 37.2

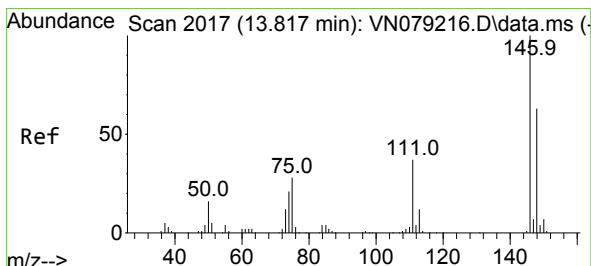
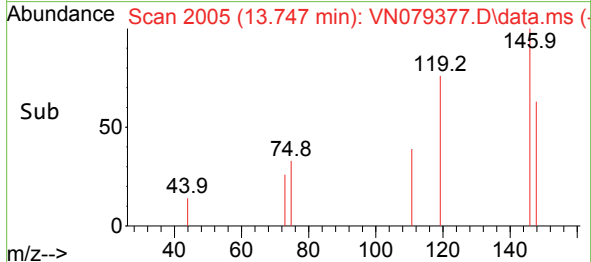
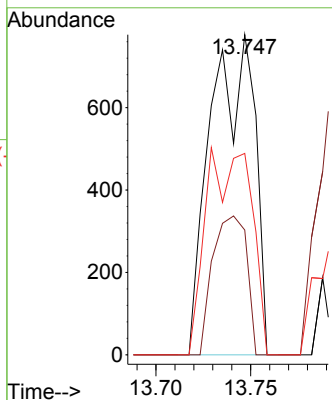
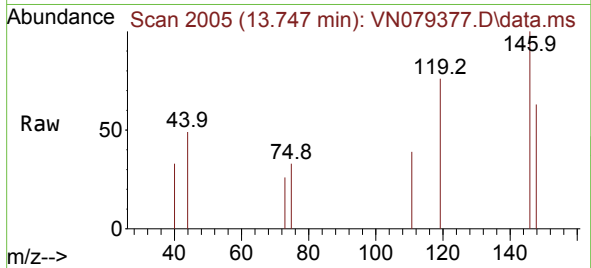




#87
1,3-Dichlorobenzene
Concen: 0.484 ug/l
RT: 13.747 min Scan# 2005
Delta R.T. 0.006 min
Lab File: VN079377.D
Acq: 30 Sep 2023 11:22

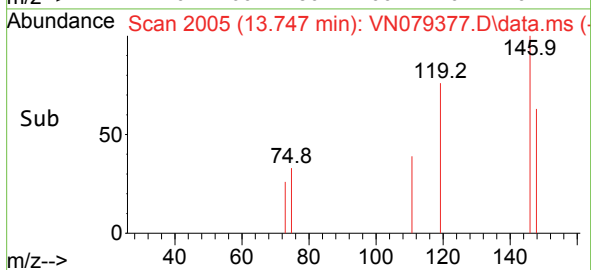
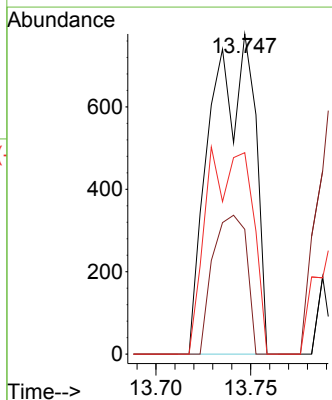
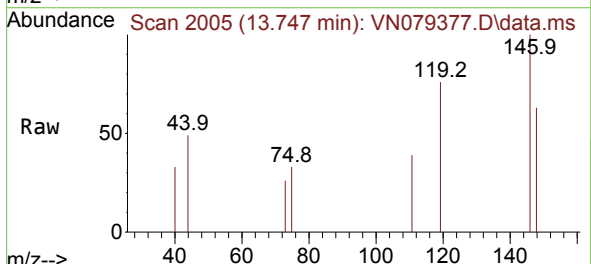
Instrument :
MSVOA_N
ClientSampleId :

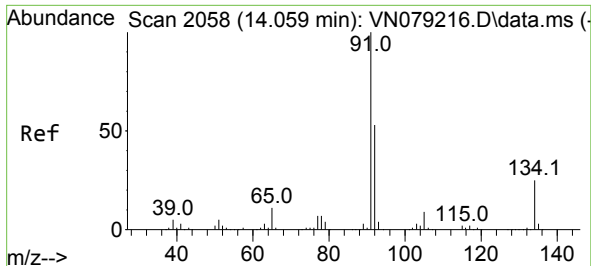
Tgt Ion:146 Resp: 1256
Ion Ratio Lower Upper
146 100
111 33.4 22.1 66.3
148 66.1 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 0.479 ug/l
RT: 13.747 min Scan# 2005
Delta R.T. -0.071 min
Lab File: VN079377.D
Acq: 30 Sep 2023 11:22

Tgt Ion:146 Resp: 1256
Ion Ratio Lower Upper
146 100
111 33.4 20.6 61.8
148 66.1 31.6 94.8





#89

n-Butylbenzene

Concen: 0.561 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.006 min

Lab File: VN079377.D

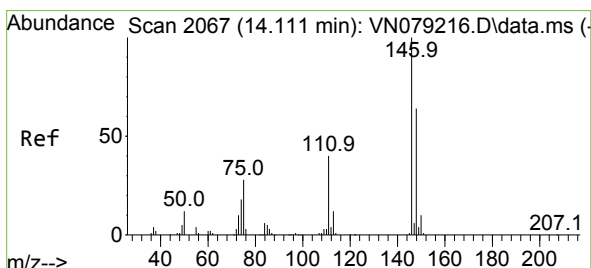
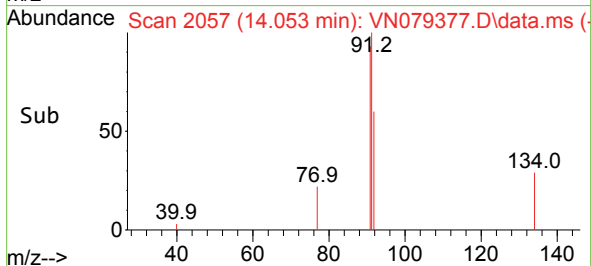
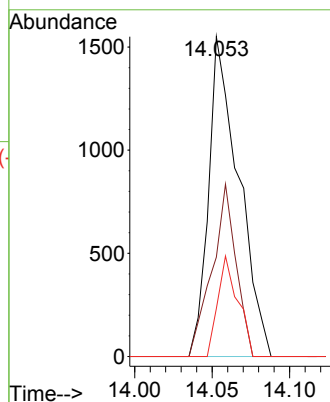
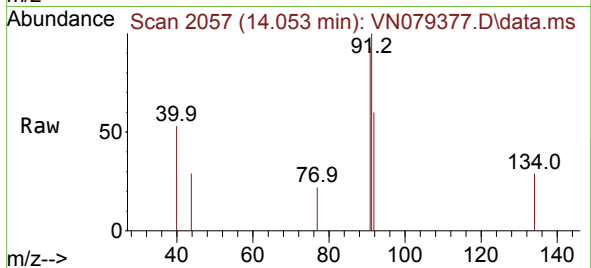
Acq: 30 Sep 2023 11:22

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 91	Resp: 2091
Ion Ratio	Lower Upper
91 100	
92 43.0	26.4 79.0
134 20.9	12.6 37.6



#91

1,2-Dichlorobenzene

Concen: 0.524 ug/l

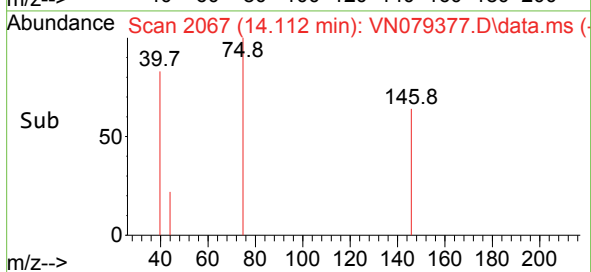
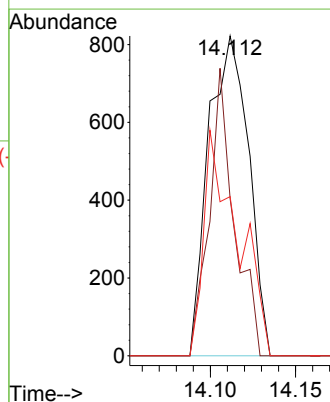
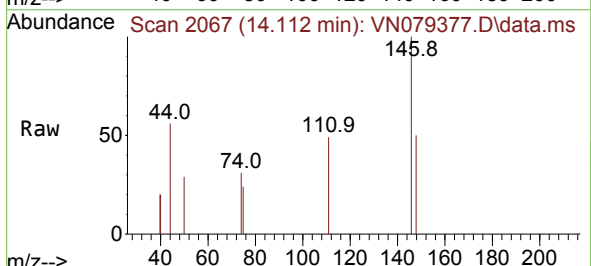
RT: 14.112 min Scan# 2067

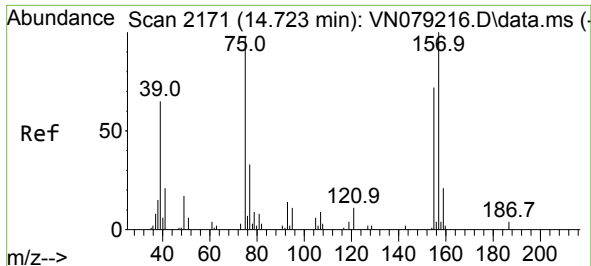
Delta R.T. -0.000 min

Lab File: VN079377.D

Acq: 30 Sep 2023 11:22

Tgt Ion: 146	Resp: 1343
Ion Ratio	Lower Upper
146 100	
111 55.8	22.0 66.0
148 59.9	31.8 95.3

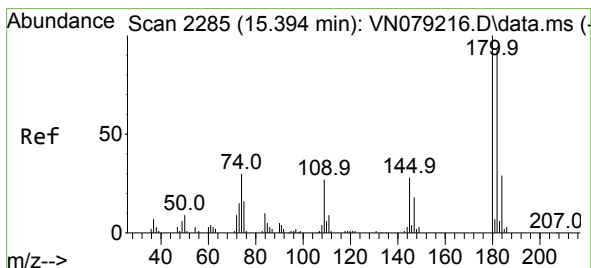
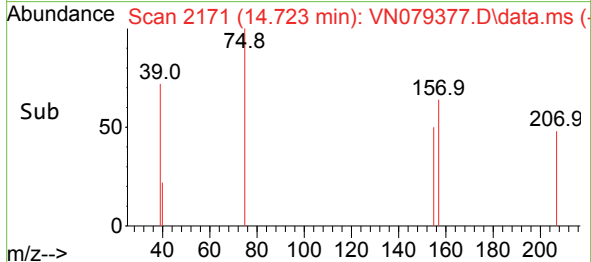
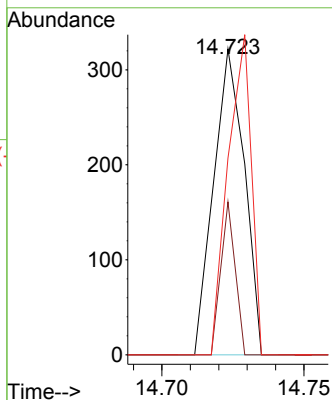
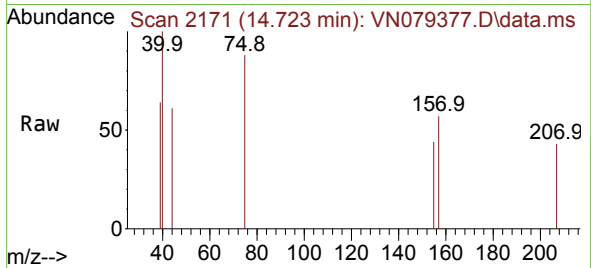




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.681 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079377.D
Acq: 30 Sep 2023 11:22

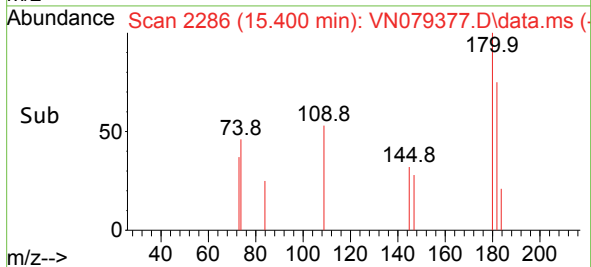
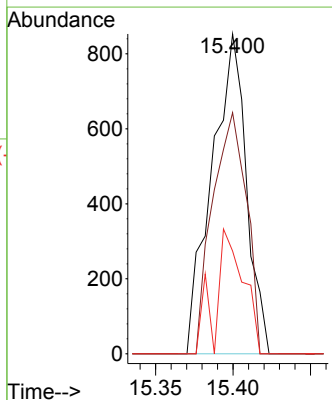
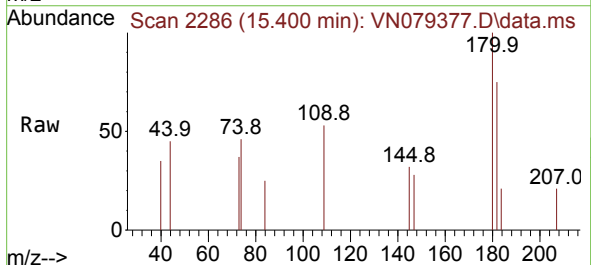
Instrument :
MSVOA_N
ClientSampleId :

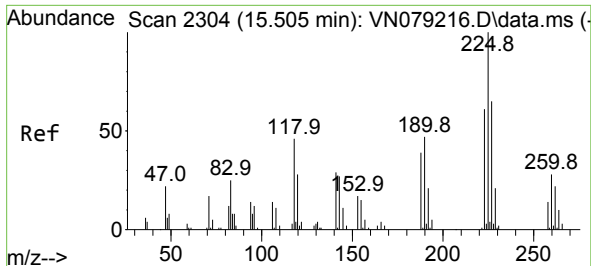
Tgt Ion: 75 Resp: 241
Ion Ratio Lower Upper
75 100
155 23.7 39.1 117.2#
157 79.7 50.3 150.9



#93
1,2,4-Trichlorobenzene
Concen: 1.436 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN079377.D
Acq: 30 Sep 2023 11:22

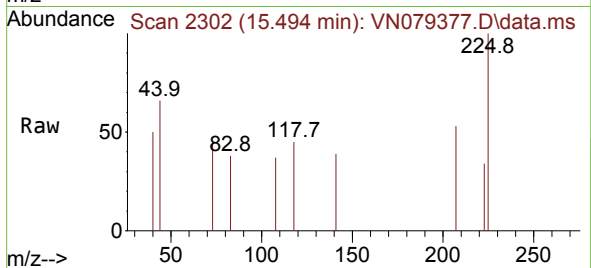
Tgt Ion: 180 Resp: 1322
Ion Ratio Lower Upper
180 100
182 73.6 46.1 138.2
145 31.8 16.6 49.8



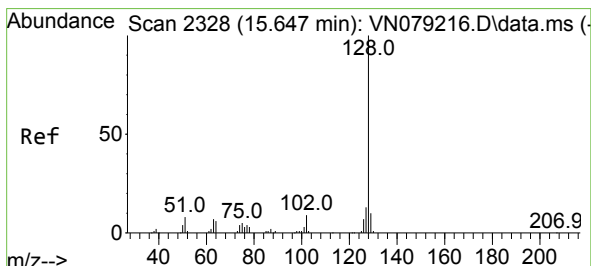
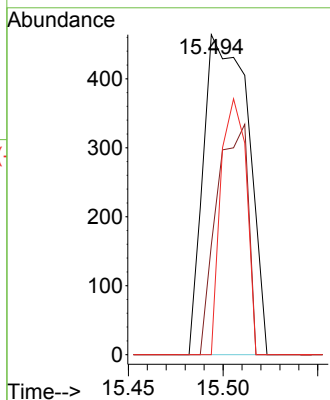
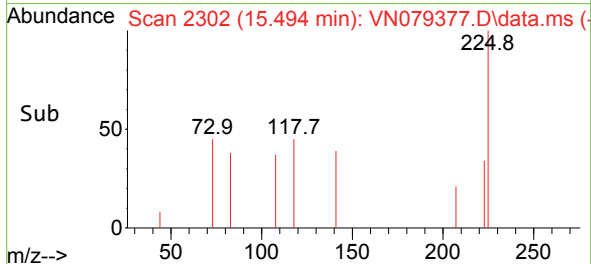


#94
Hexachlorobutadiene
Concen: 1.046 ug/l
RT: 15.494 min Scan# 21
Delta R.T. -0.012 min
Lab File: VN079377.D
Acq: 30 Sep 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :

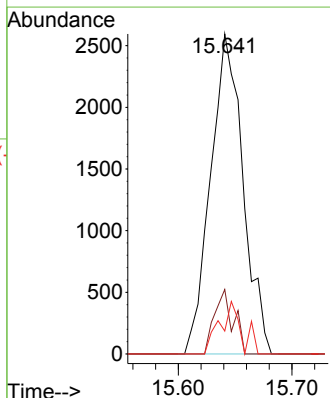
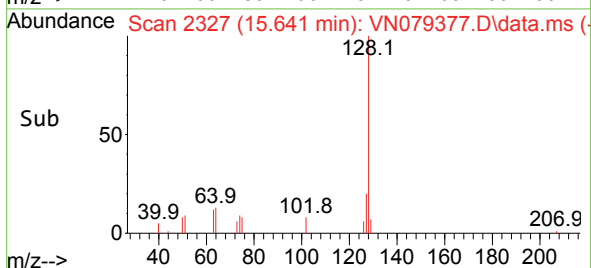
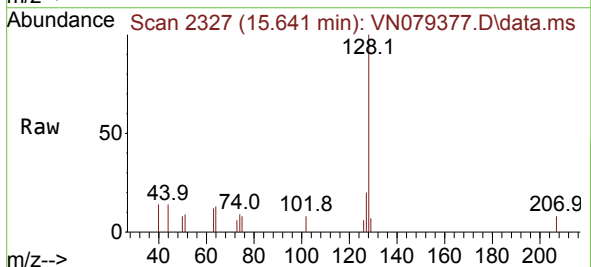


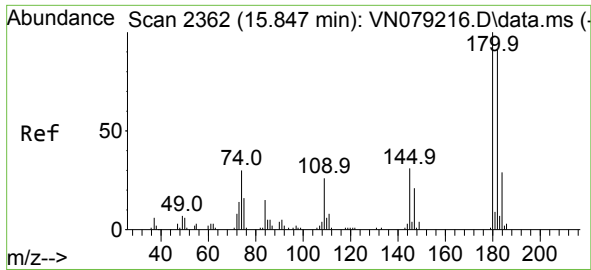
Tgt Ion:225 Resp: 757
Ion Ratio Lower Upper
225 100
223 50.9 31.3 93.8
227 45.6 31.9 95.9



#95
Naphthalene
Concen: 1.884 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.006 min
Lab File: VN079377.D
Acq: 30 Sep 2023 11:22

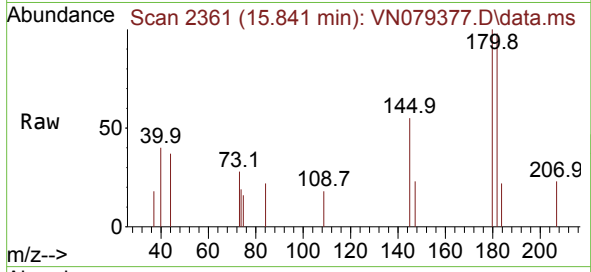
Tgt Ion:128 Resp: 5151
Ion Ratio Lower Upper
128 100
127 11.7 10.0 15.0
129 11.0 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.800 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN079377.D
 Acq: 30 Sep 2023 11:22

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	1954
Ion	Ratio	Lower	Upper
180	100		
182	106.3	46.2	138.6
145	21.9	17.5	52.6

