

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091223\
 Data File : VN079233.D
 Acq On : 12 Sep 2023 12:22
 Operator : JC\MD
 Sample : VN0912MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 13 01:31:31 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	126281	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	230576	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	212016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	58947	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	86181	50.556	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.120%	
35) Dibromofluoromethane	8.171	113	79863	52.071	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.140%	
50) Toluene-d8	10.571	98	284191	50.463	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.920%	
62) 4-Bromofluorobenzene	12.853	95	82134	45.722	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.440%	

Target Compounds			Qvalue			
5) Bromomethane	2.965	94	302	0.294	ug/l #	4
6) Chloroethane	3.124	64	287	Below Cal	#	43
10) Methyl Iodide	4.595	142	798	0.701	ug/l #	38
11) Tert butyl alcohol	5.483	59	561	1.783	ug/l #	72
13) Acrolein	4.200	56	67	0.223	ug/l #	16
15) Acrylonitrile	5.742	53	428	0.524	ug/l #	66
16) Acetone	4.448	43	826	1.141	ug/l #	40
17) Carbon Disulfide	4.712	76	2388	0.567	ug/l #	75
20) Methylene Chloride	5.283	84	770	0.437	ug/l #	69
25) 2-Butanone	7.494	43	273	0.260	ug/l #	37
31) Cyclohexane	8.236	56	2314	0.930	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	10075	4.262	ug/l #	48
38) Carbon Tetrachloride	8.230	117	12780	5.224	ug/l #	16
43) Isopropyl Acetate	8.783	43	1233	0.320	ug/l #	49
51) 4-Methyl-2-Pentanone	10.447	43	985	0.441	ug/l	88
59) 2-Hexanone	11.206	43	1846	1.141	ug/l	86
74) N-amyl acetate	12.500	43	670	0.329	ug/l #	54
75) 1,1,2,2-Tetrachloroethane	12.947	83	455	0.228	ug/l #	83
76) 1,2,3-Trichloropropane	12.853	75	40269	25.347	ug/l #	1
77) Bromobenzene	12.988	156	336	0.247	ug/l	64
78) n-propylbenzene	13.041	91	1415	0.235	ug/l #	53
79) 2-Chlorotoluene	13.223	91	1070	0.272	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.853	75	40269	69.685	ug/l #	15
82) 4-Chlorotoluene	13.223	91	1070	0.289	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	969	0.228	ug/l	68
85) sec-Butylbenzene	13.623	105	1435	0.282	ug/l	96
86) p-Isopropyltoluene	13.735	119	1226	0.302	ug/l #	63
87) 1,3-Dichlorobenzene	13.747	146	1269	0.570	ug/l #	68
88) 1,4-Dichlorobenzene	13.818	146	1113	0.495	ug/l #	43
89) n-Butylbenzene	14.065	91	2209	0.691	ug/l	90
91) 1,2-Dichlorobenzene	14.112	146	1028	0.468	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.729	75	153	0.504	ug/l #	50
93) 1,2,4-Trichlorobenzene	15.388	180	1254	1.587	ug/l	92
94) Hexachlorobutadiene	15.506	225	744	1.197	ug/l	75
95) Naphthalene	15.647	128	4460	1.900	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.847	180	1822	1.955	ug/l	96

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Quant Time: Sep 13 01:31:31 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

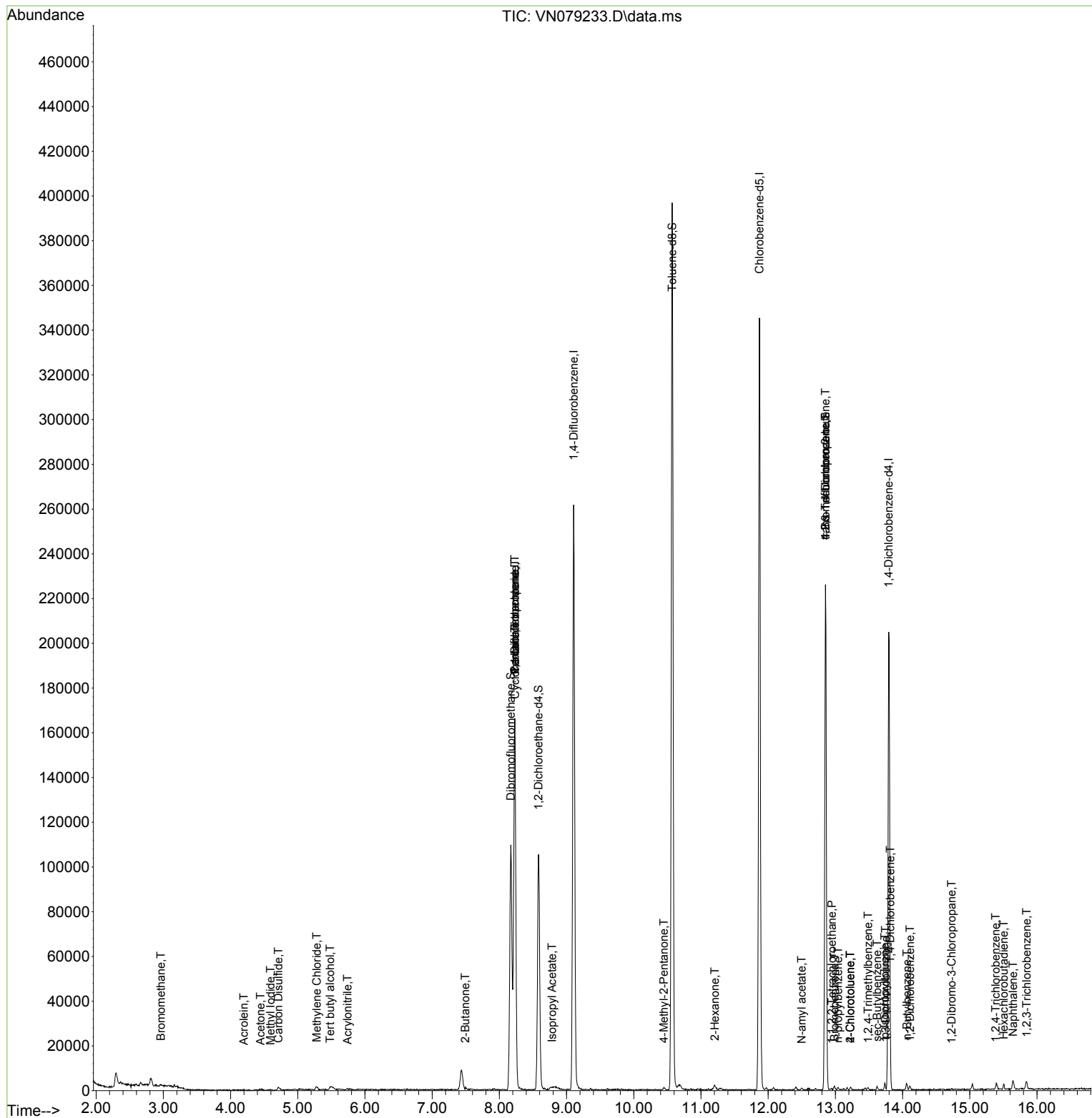
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

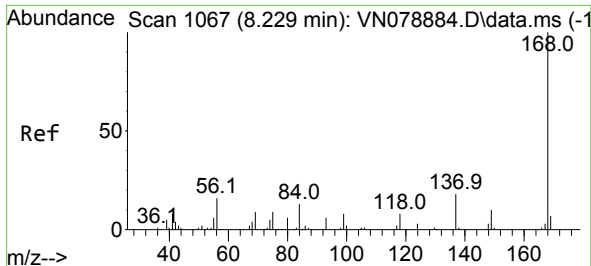
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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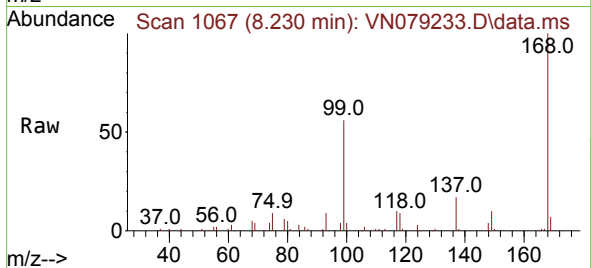
Quant Time: Sep 13 01:31:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
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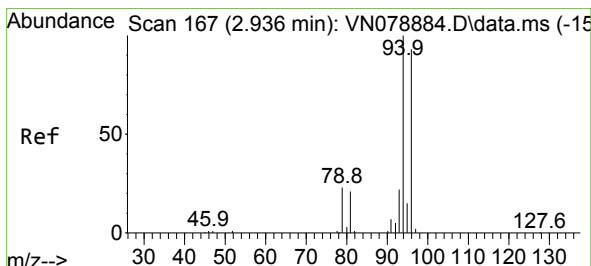
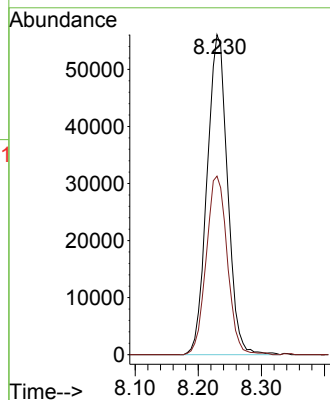
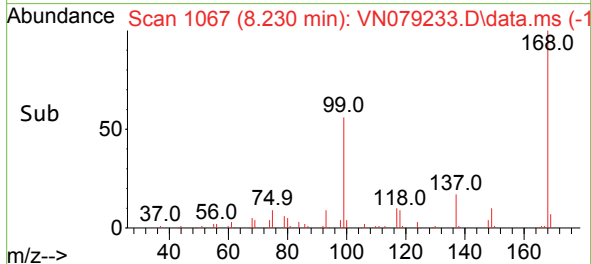


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079233.D
Acq: 12 Sep 2023 12:22

Instrument :
MSVOA_N
ClientSampleId :

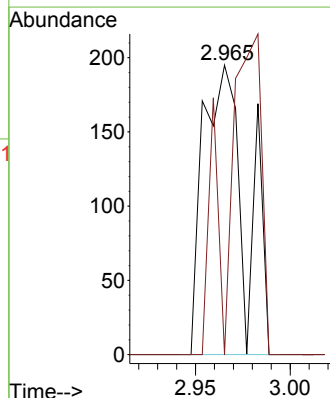
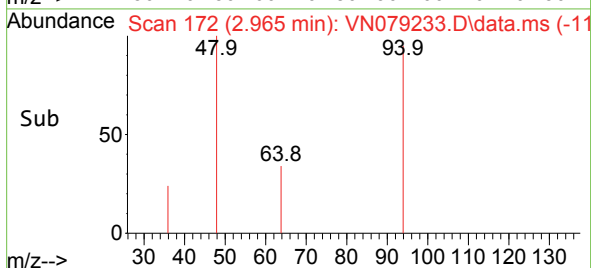
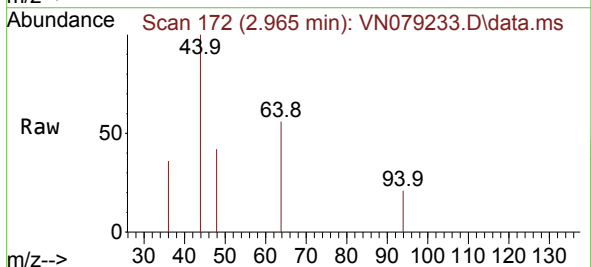


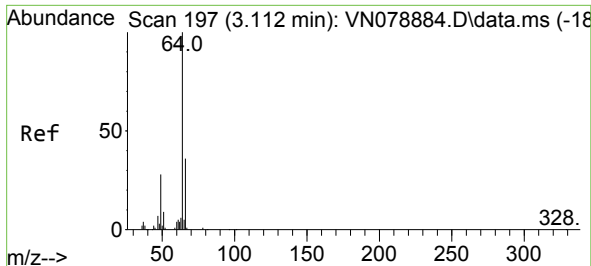
Tgt Ion:168 Resp: 126281
Ion Ratio Lower Upper
168 100
99 55.8 53.0 79.6



#5
Bromomethane
Concen: 0.294 ug/l
RT: 2.965 min Scan# 172
Delta R.T. 0.017 min
Lab File: VN079233.D
Acq: 12 Sep 2023 12:22

Tgt Ion: 94 Resp: 302
Ion Ratio Lower Upper
94 100
96 0.0 73.1 109.7#

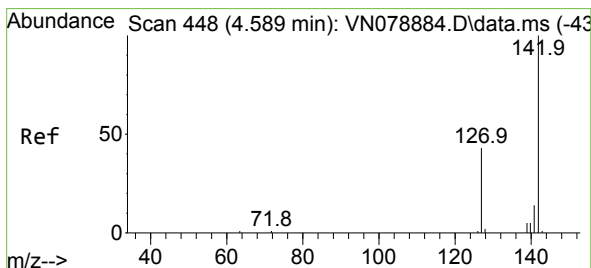
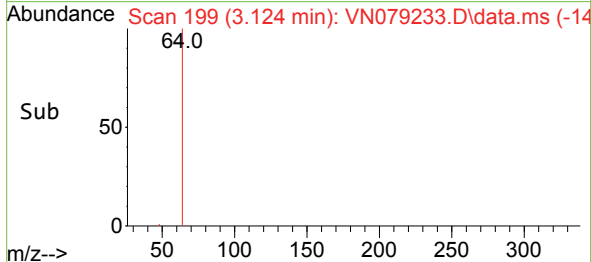
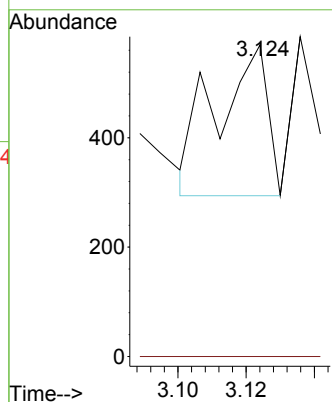
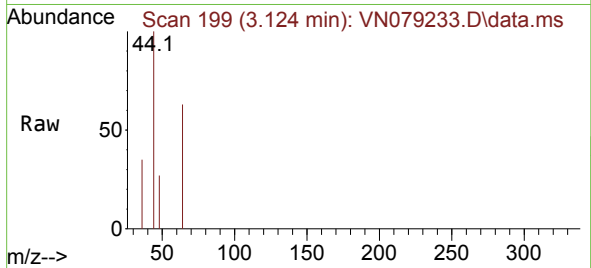




#6
Chloroethane
Concen: Below Cal
RT: 3.124 min Scan# 19
Delta R.T. 0.006 min
Lab File: VN079233.D
Acq: 12 Sep 2023 12:22

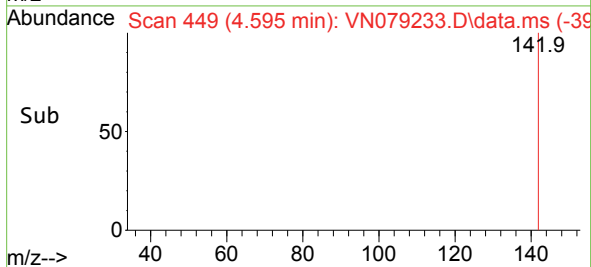
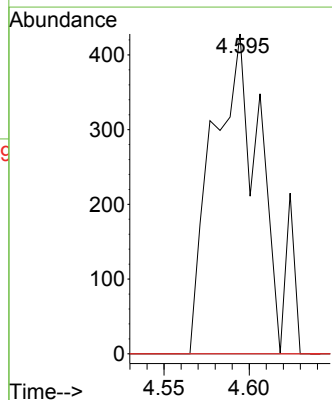
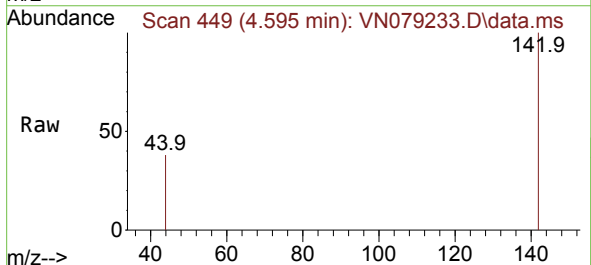
Instrument :
MSVOA_N
ClientSampleId :

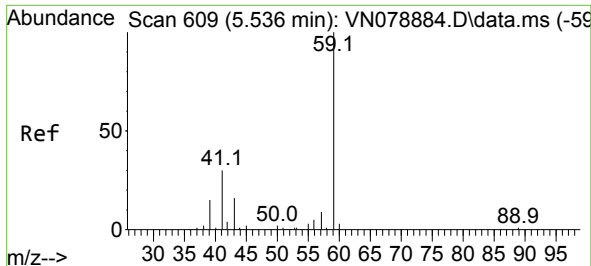
Tgt Ion: 64 Resp: 287
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#10
Methyl Iodide
Concen: 0.701 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.005 min
Lab File: VN079233.D
Acq: 12 Sep 2023 12:22

Tgt Ion:142 Resp: 798
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.4 17.0#





#11

Tert butyl alcohol

Concen: 1.783 ug/l

RT: 5.483 min Scan# 609

Delta R.T. -0.059 min

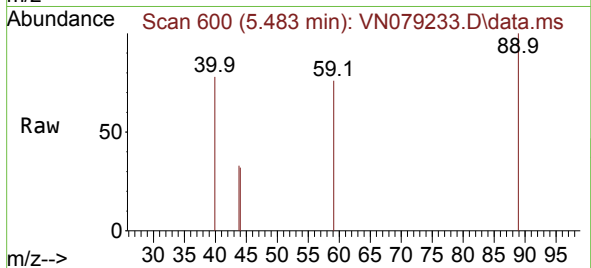
Lab File: VN079233.D

Acq: 12 Sep 2023 12:22

Instrument :

MSVOA_N

ClientSampleId :

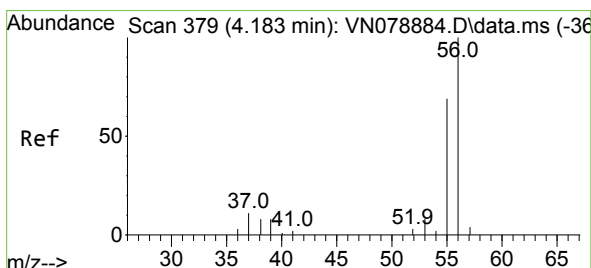
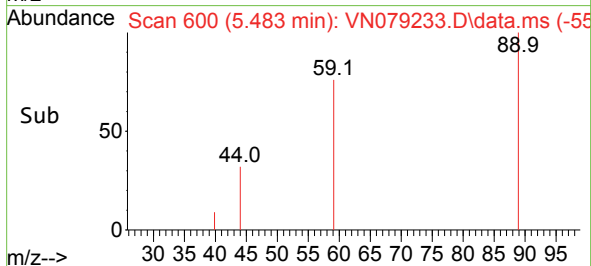
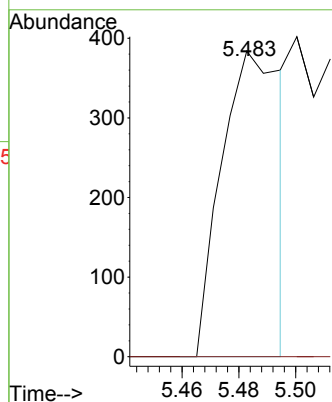


Tgt Ion: 59 Resp: 561

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#13

Acrolein

Concen: 0.223 ug/l

RT: 4.200 min Scan# 382

Delta R.T. 0.005 min

Lab File: VN079233.D

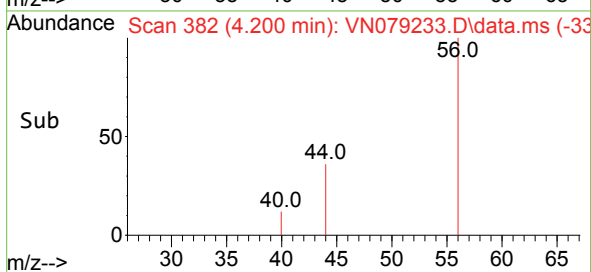
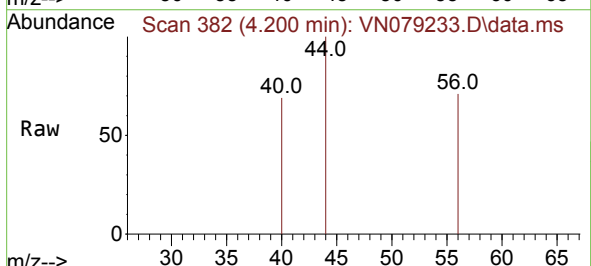
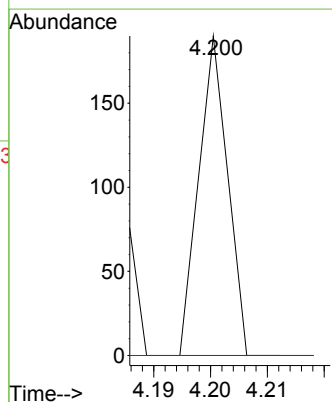
Acq: 12 Sep 2023 12:22

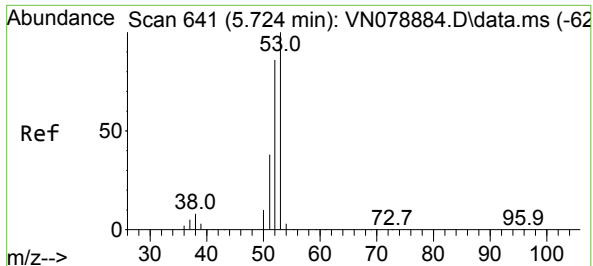
Tgt Ion: 56 Resp: 67

Ion Ratio Lower Upper

56 100

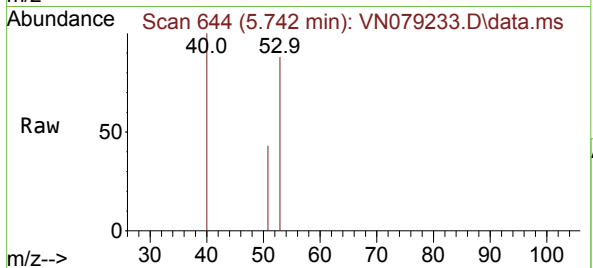
55 0.0 54.5 81.7#



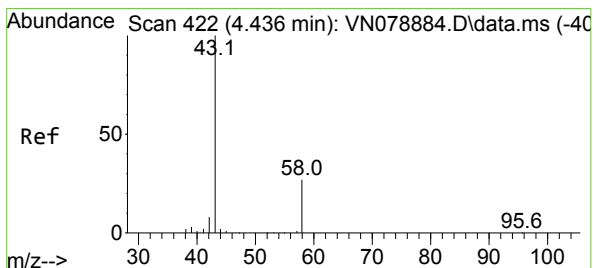
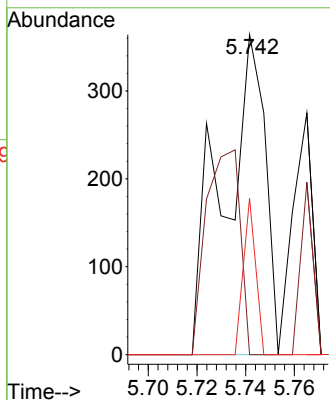
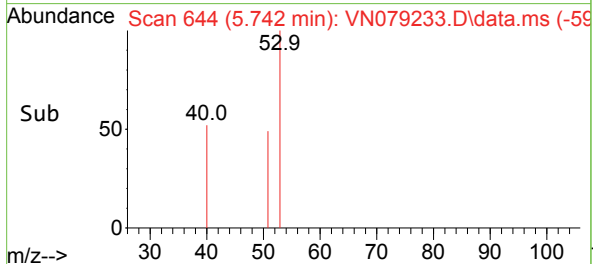


#15
Acrylonitrile
Concen: 0.524 ug/l
RT: 5.742 min Scan# 641
Delta R.T. 0.012 min
Lab File: VN079233.D
Acq: 12 Sep 2023 12:22

Instrument :
MSVOA_N
ClientSampleId :

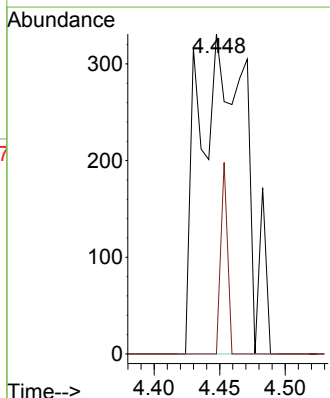
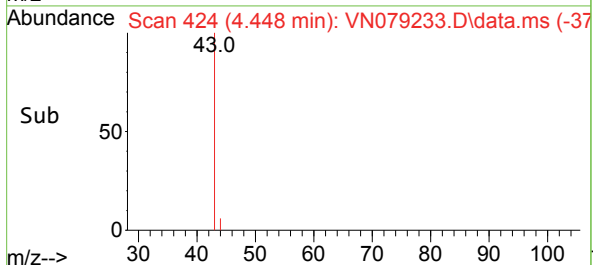
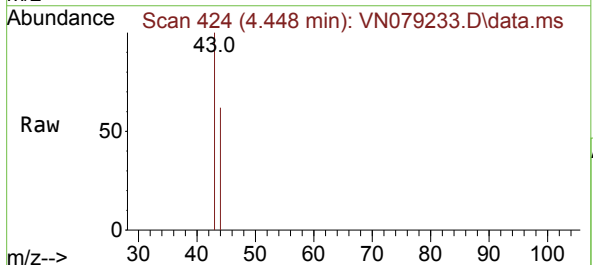


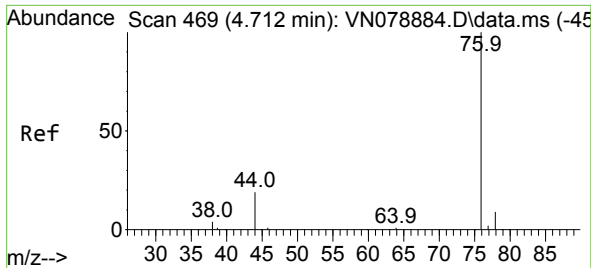
Tgt Ion: 53 Resp: 428
Ion Ratio Lower Upper
53 100
52 52.3 65.3 97.9#
51 14.7 28.9 43.3#



#16
Acetone
Concen: 1.141 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.006 min
Lab File: VN079233.D
Acq: 12 Sep 2023 12:22

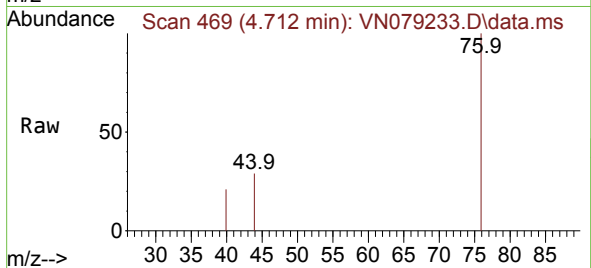
Tgt Ion: 43 Resp: 826
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



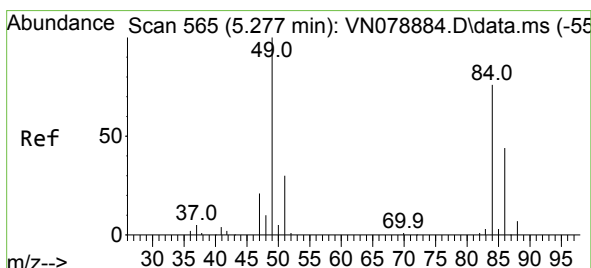
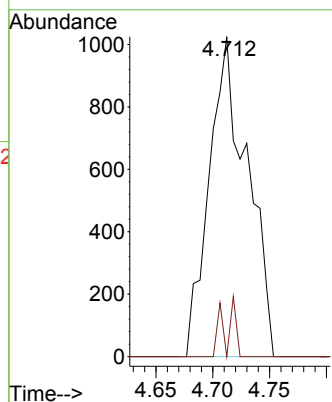
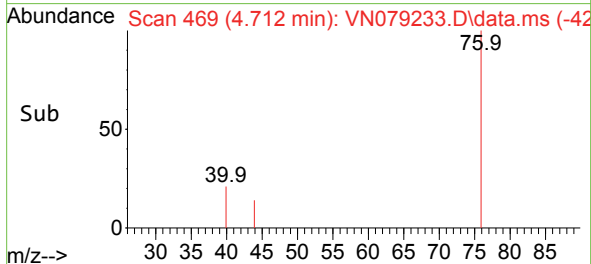


#17
Carbon Disulfide
Concen: 0.567 ug/l
RT: 4.712 min Scan# 4
Delta R.T. -0.012 min
Lab File: VN079233.D
Acq: 12 Sep 2023 12:22

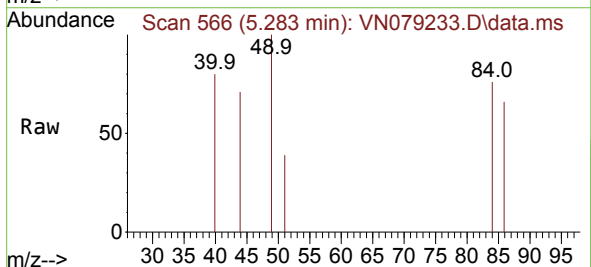
Instrument :
MSVOA_N
ClientSampleId :



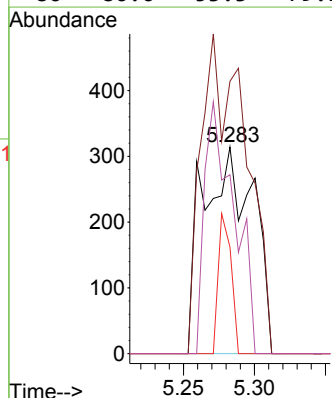
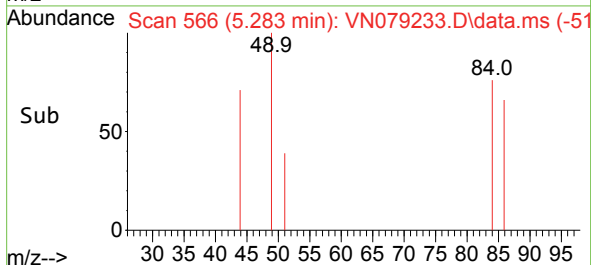
Tgt Ion: 76 Resp: 2388
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

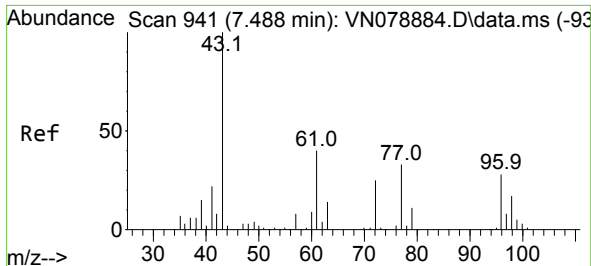


#20
Methylene Chloride
Concen: 0.437 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079233.D
Acq: 12 Sep 2023 12:22



Tgt Ion: 84 Resp: 770
Ion Ratio Lower Upper
84 100
49 131.8 79.7 119.5#
51 51.6 25.2 37.8#
86 86.6 53.3 79.9#





#25

2-Butanone

Concen: 0.260 ug/l

RT: 7.494 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN079233.D

Acq: 12 Sep 2023 12:22

Instrument :

MSVOA_N

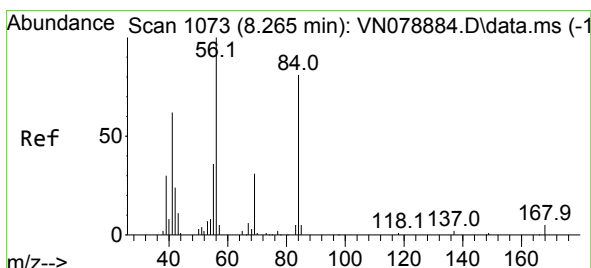
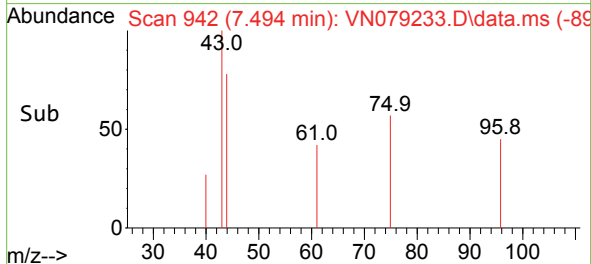
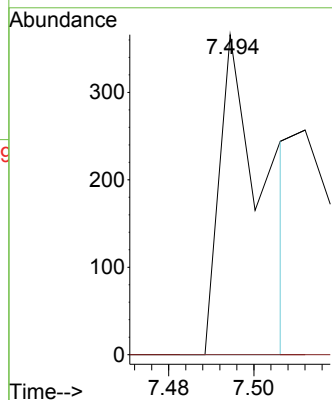
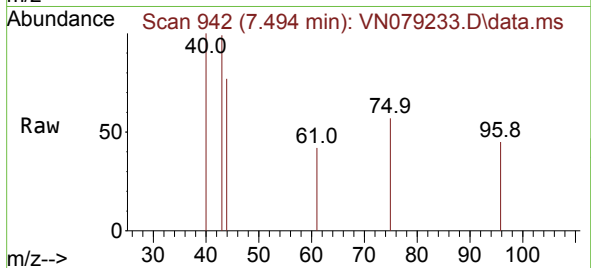
ClientSampleId :

Tgt Ion: 43 Resp: 273

Ion Ratio Lower Upper

43 100

72 0.0 30.2 45.2#



#31

Cyclohexane

Concen: 0.930 ug/l

RT: 8.236 min Scan# 1068

Delta R.T. -0.029 min

Lab File: VN079233.D

Acq: 12 Sep 2023 12:22

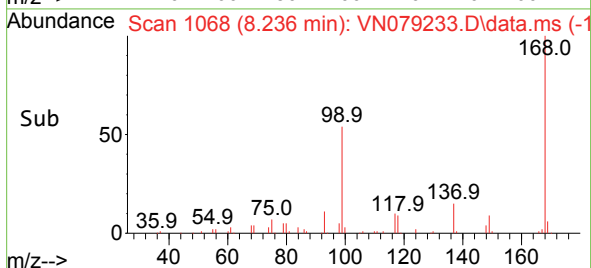
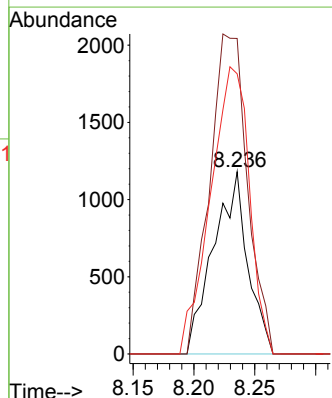
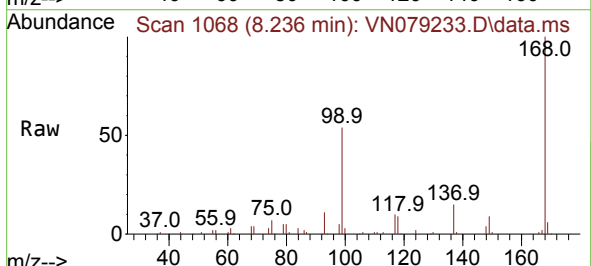
Tgt Ion: 56 Resp: 2314

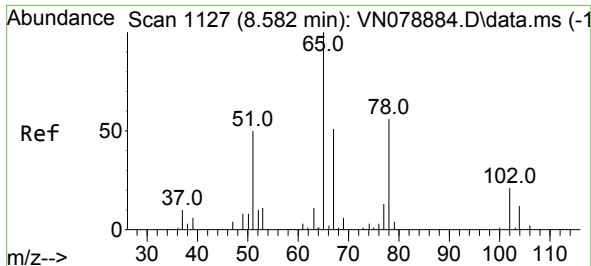
Ion Ratio Lower Upper

56 100

69 173.1 26.8 40.2#

84 153.7 81.8 122.6#





#33

1,2-Dichloroethane-d4

Concen: 50.556 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079233.D

Acq: 12 Sep 2023 12:22

Instrument :

MSVOA_N

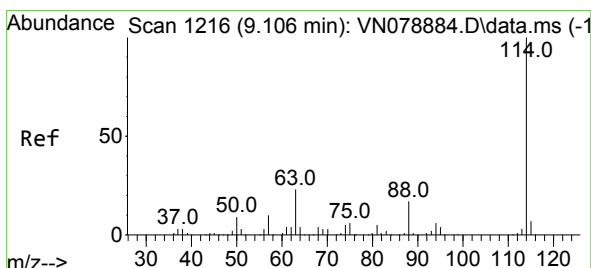
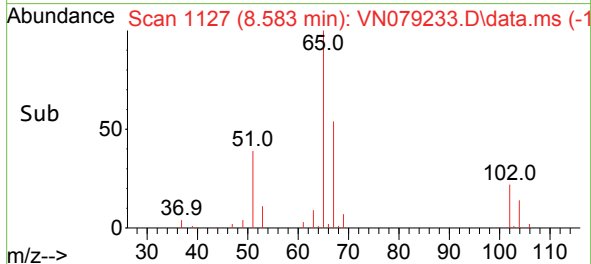
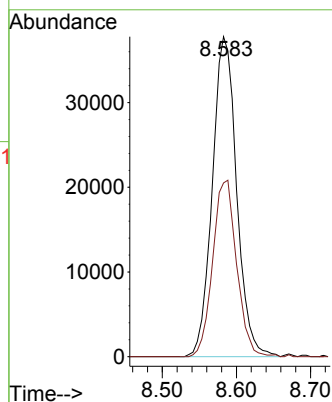
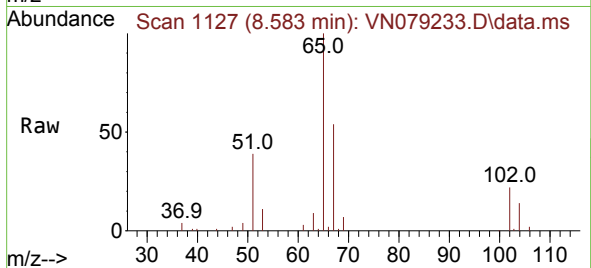
ClientSampleId :

Tgt Ion: 65 Resp: 86181

Ion Ratio Lower Upper

65 100

67 54.4 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079233.D

Acq: 12 Sep 2023 12:22

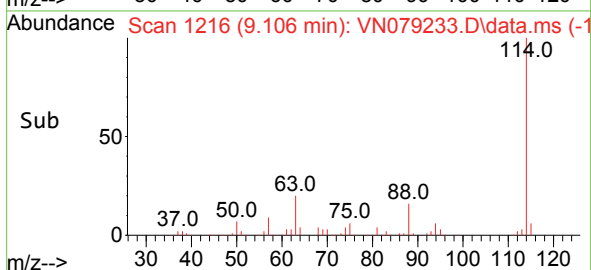
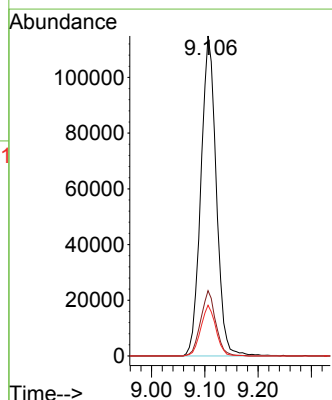
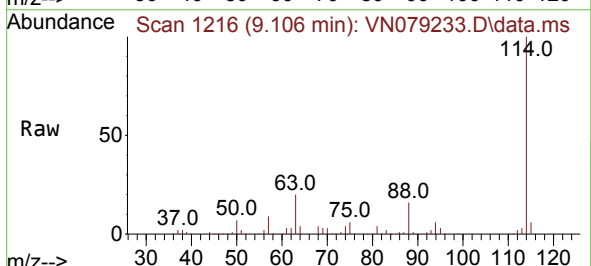
Tgt Ion: 114 Resp: 230576

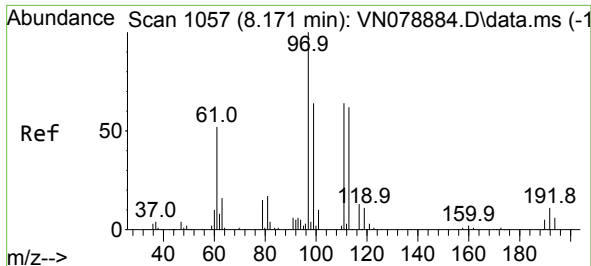
Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.4

88 15.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.071 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079233.D

Acq: 12 Sep 2023 12:22

Instrument :

MSVOA_N

ClientSampleId :

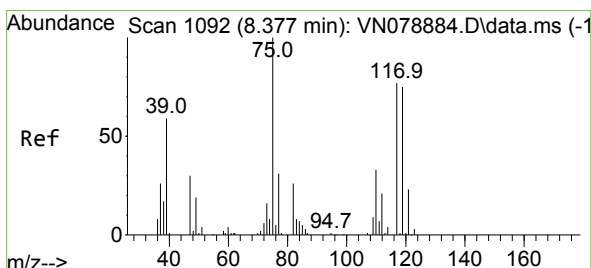
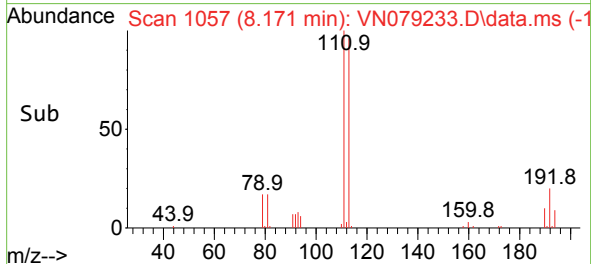
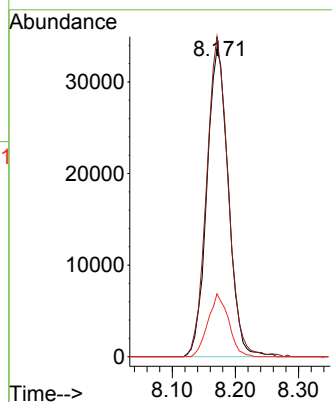
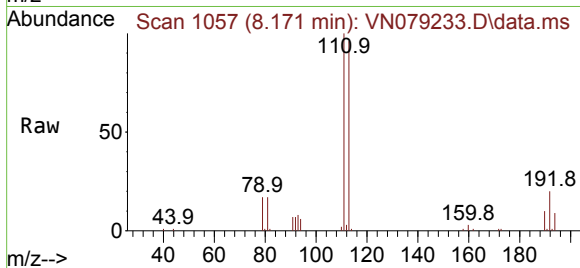
Tgt Ion:113 Resp: 79863

Ion Ratio Lower Upper

113 100

111 103.4 82.6 123.8

192 19.4 12.7 19.1#



#36

1,1-Dichloropropene

Concen: 4.262 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN079233.D

Acq: 12 Sep 2023 12:22

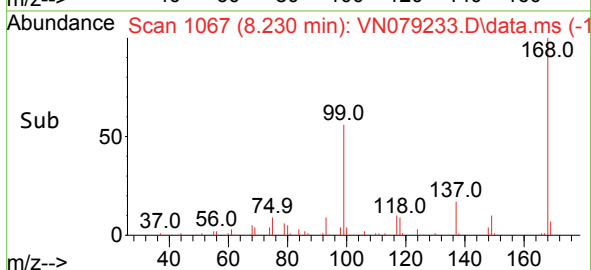
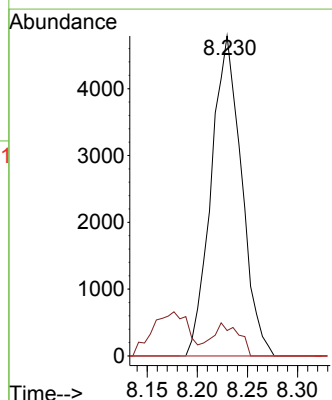
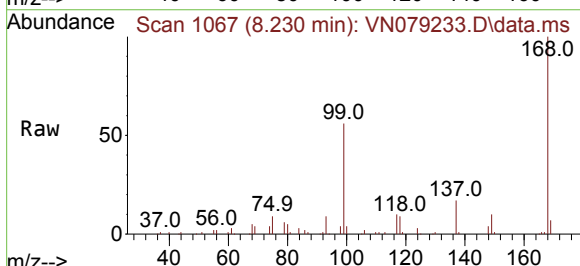
Tgt Ion: 75 Resp: 10075

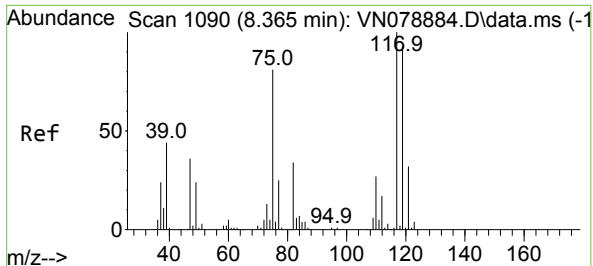
Ion Ratio Lower Upper

75 100

110 8.6 19.1 57.3#

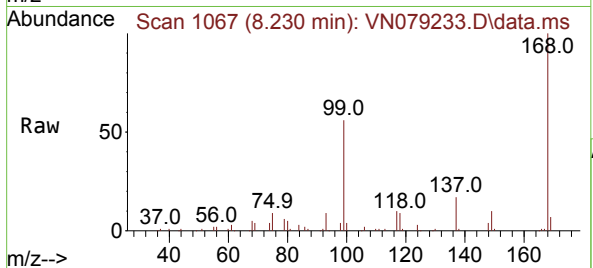
77 0.0 25.0 37.4#



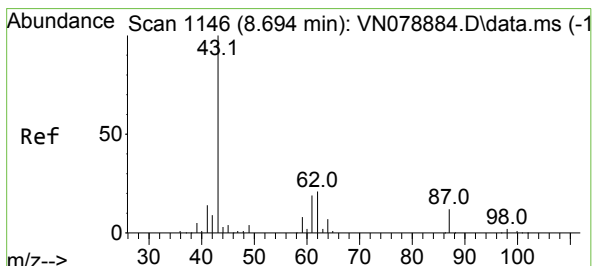
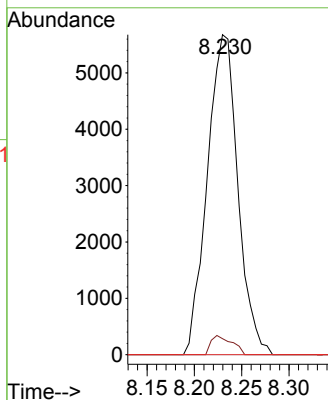
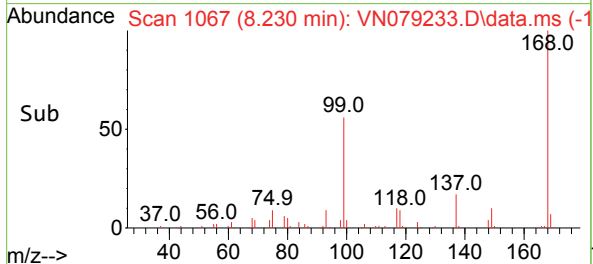


#38
Carbon Tetrachloride
Concen: 5.224 ug/l
RT: 8.230 min Scan# 1106
Delta R.T. -0.141 min
Lab File: VN079233.D
Acq: 12 Sep 2023 12:22

Instrument :
MSVOA_N
ClientSampleId :

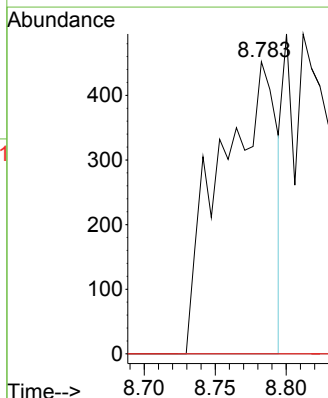
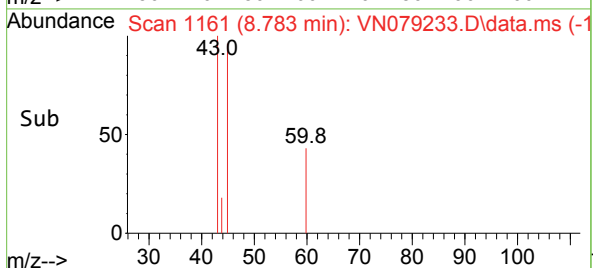
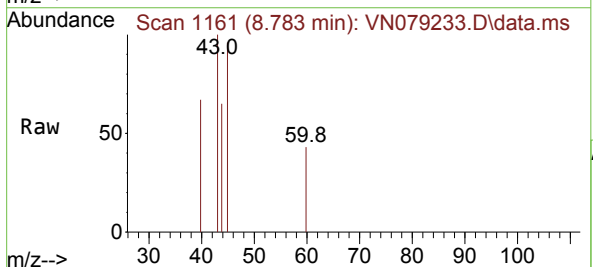


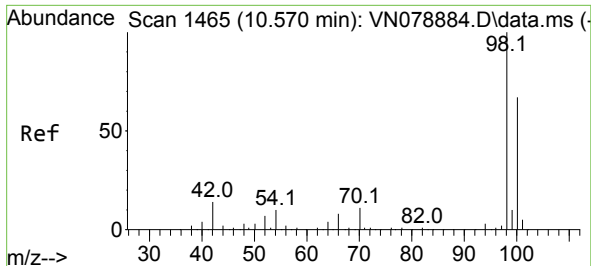
Tgt Ion:117 Resp: 12780
Ion Ratio Lower Upper
117 100
119 5.0 77.3 115.9#
121 0.0 23.3 34.9#



#43
Isopropyl Acetate
Concen: 0.320 ug/l
RT: 8.783 min Scan# 1161
Delta R.T. 0.089 min
Lab File: VN079233.D
Acq: 12 Sep 2023 12:22

Tgt Ion: 43 Resp: 1233
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#

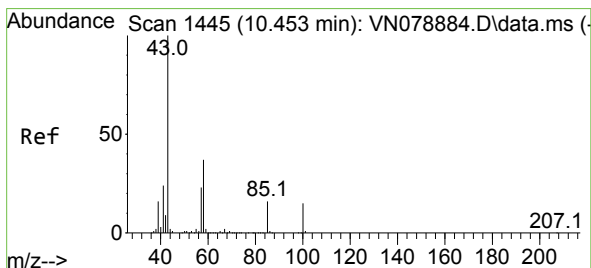
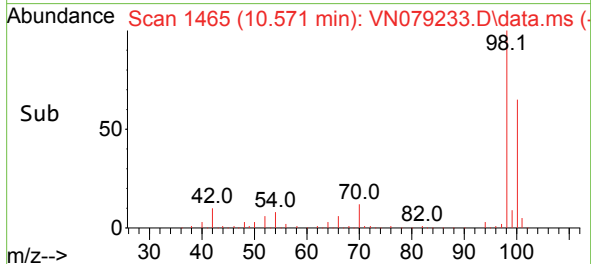
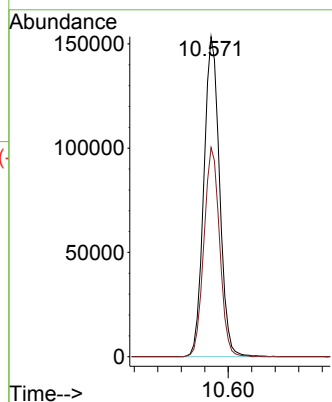
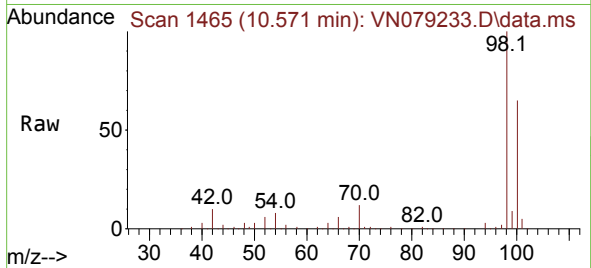




#50
Toluene-d8
Concen: 50.463 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079233.D
Acq: 12 Sep 2023 12:22

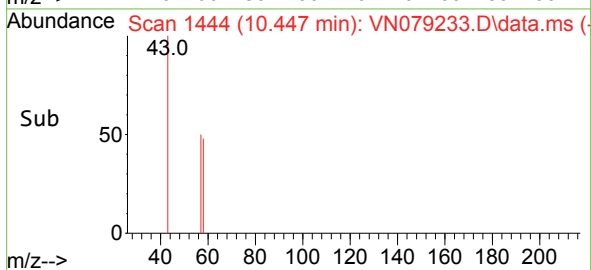
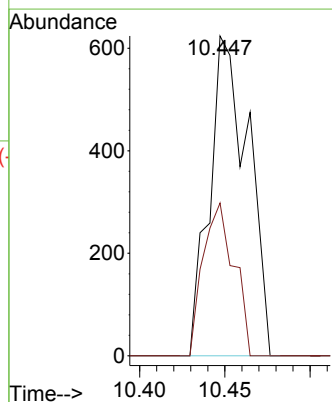
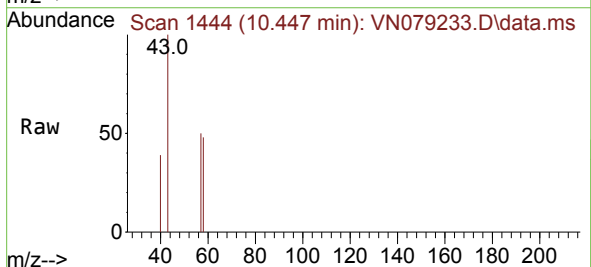
Instrument :
MSVOA_N
ClientSampleId :

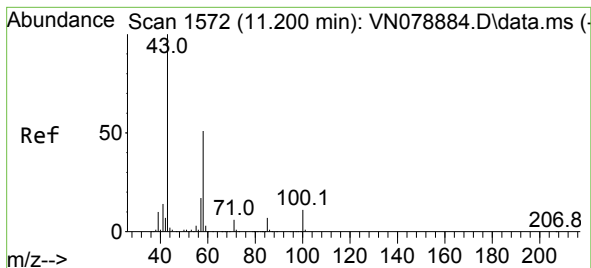
Tgt Ion: 98 Resp: 284191
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.441 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079233.D
Acq: 12 Sep 2023 12:22

Tgt Ion: 43 Resp: 985
Ion Ratio Lower Upper
43 100
58 38.1 36.6 54.8

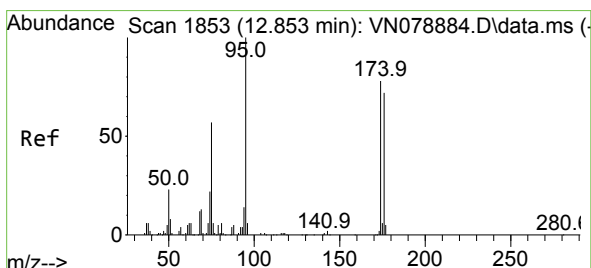
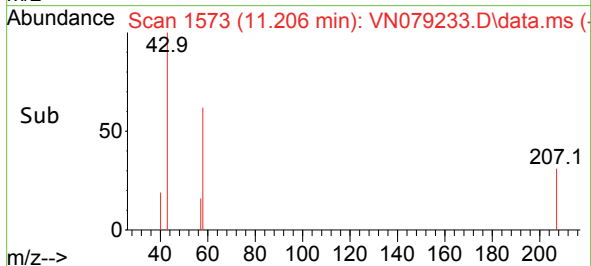
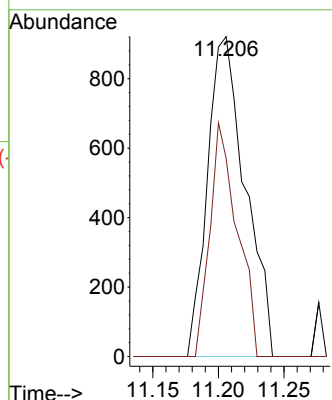
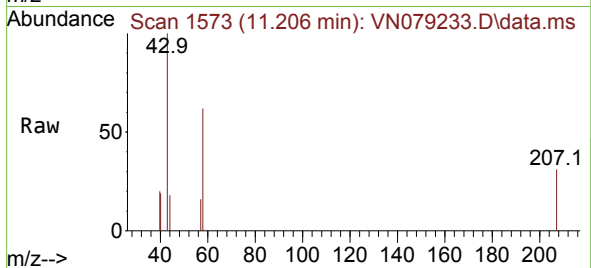




#59
2-Hexanone
Concen: 1.141 ug/l
RT: 11.206 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079233.D
Acq: 12 Sep 2023 12:22

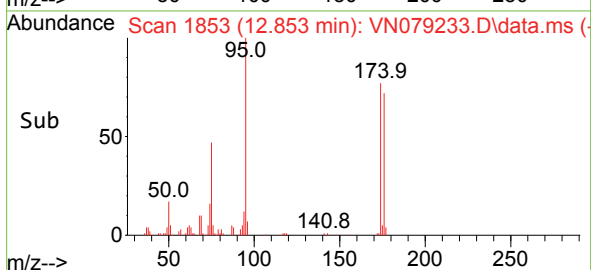
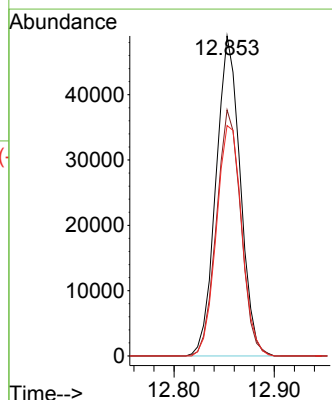
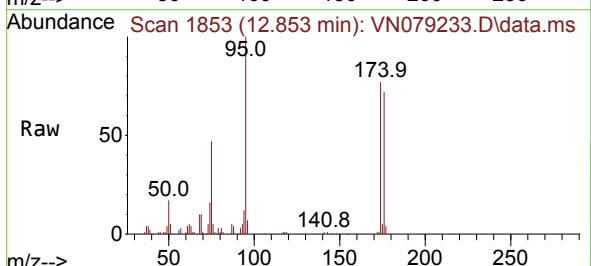
Instrument :
MSVOA_N
ClientSampleId :

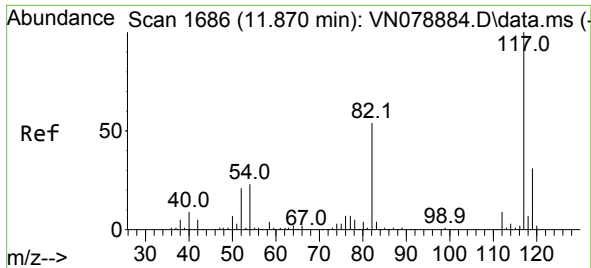
Tgt Ion: 43 Resp: 1846
Ion Ratio Lower Upper
43 100
58 52.9 31.7 95.1



#62
4-Bromofluorobenzene
Concen: 45.722 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079233.D
Acq: 12 Sep 2023 12:22

Tgt Ion: 95 Resp: 82134
Ion Ratio Lower Upper
95 100
174 77.2 0.0 143.8
176 75.4 0.0 135.8

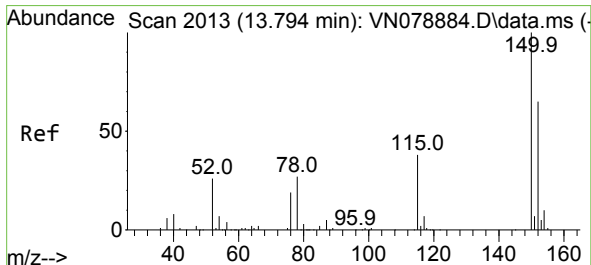
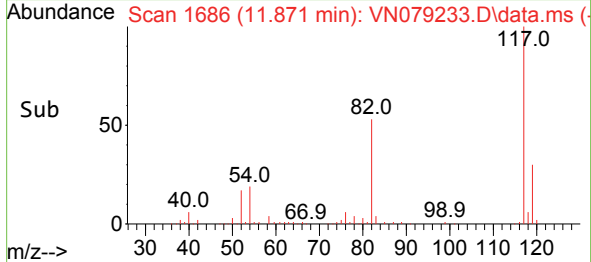
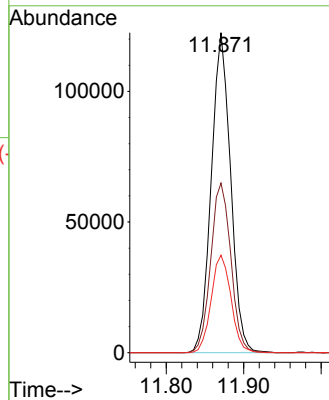
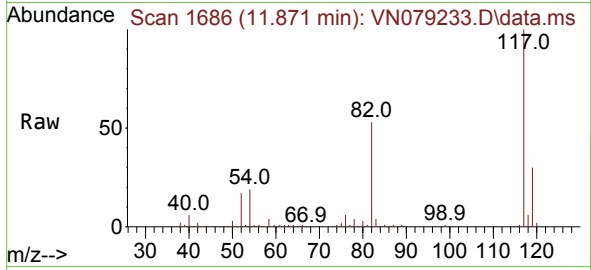




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN079233.D
Acq: 12 Sep 2023 12:22

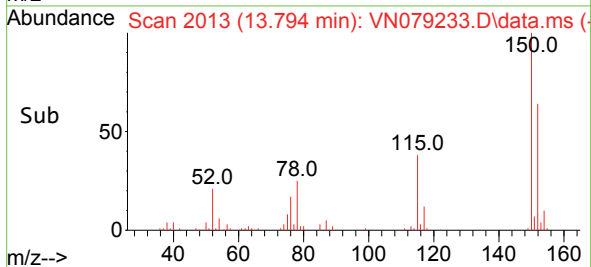
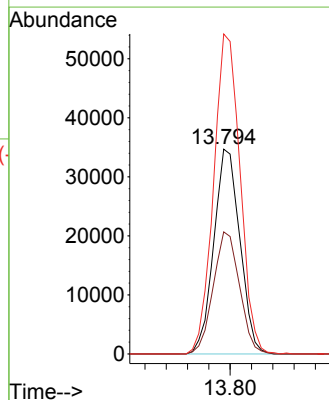
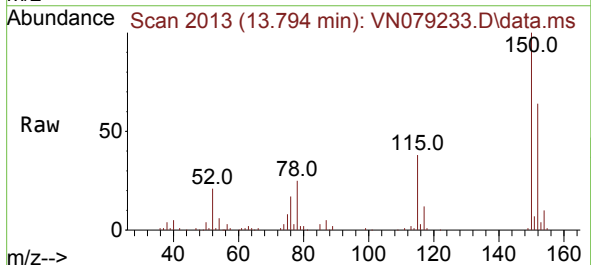
Instrument :
MSVOA_N
ClientSampleId :

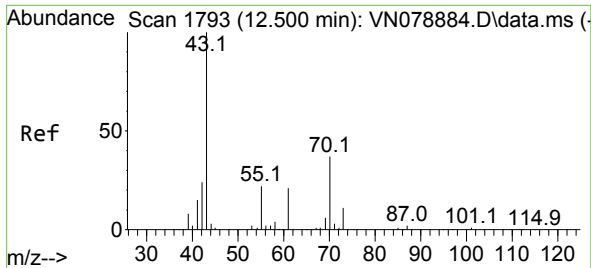
Tgt Ion:117 Resp: 212016
Ion Ratio Lower Upper
117 100
82 53.0 44.0 66.0
119 30.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079233.D
Acq: 12 Sep 2023 12:22

Tgt Ion:152 Resp: 58947
Ion Ratio Lower Upper
152 100
115 60.0 32.3 96.8
150 158.5 0.0 355.8

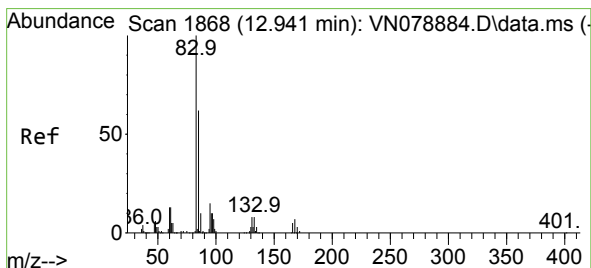
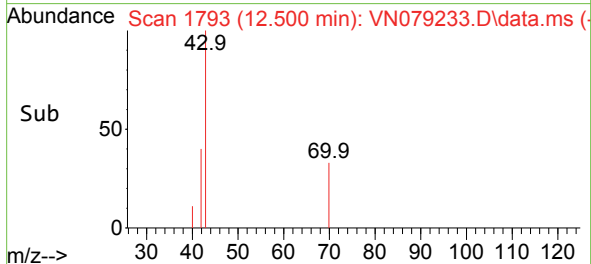
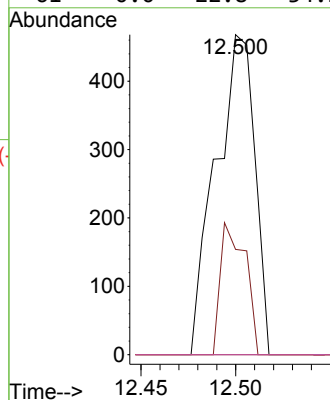
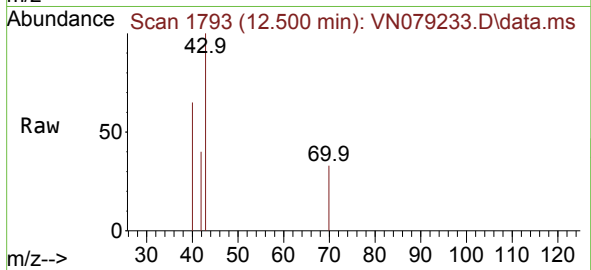




#74
N-amy1 acetate
Concen: 0.329 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079233.D
Acq: 12 Sep 2023 12:22

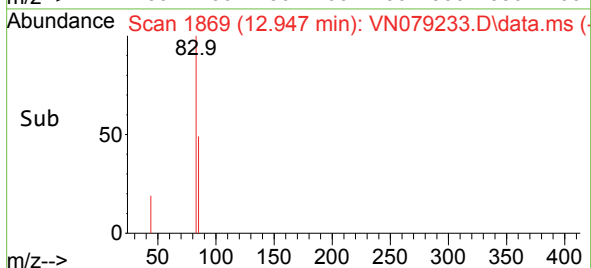
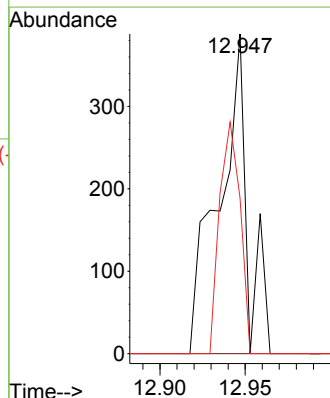
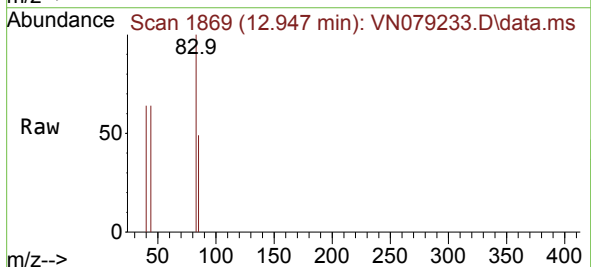
Instrument :
MSVOA_N
ClientSampleId :

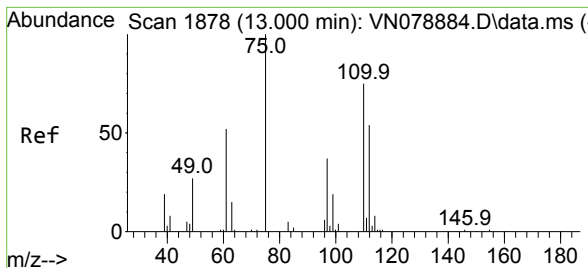
Tgt Ion:	43	Resp:	670
Ion	Ratio	Lower	Upper
43	100		
70	26.3	43.4	65.2#
55	0.0	21.4	32.0#
61	0.0	22.8	34.2#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.228 ug/l
RT: 12.947 min Scan# 1869
Delta R.T. 0.006 min
Lab File: VN079233.D
Acq: 12 Sep 2023 12:22

Tgt Ion:	83	Resp:	455
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.0	15.0#
85	51.6	31.9	95.7





#76

1,2,3-Trichloropropane

Concen: 25.347 ug/l

RT: 12.853 min Scan# 1878

Delta R.T. -0.147 min

Lab File: VN079233.D

Acq: 12 Sep 2023 12:22

Instrument :

MSVOA_N

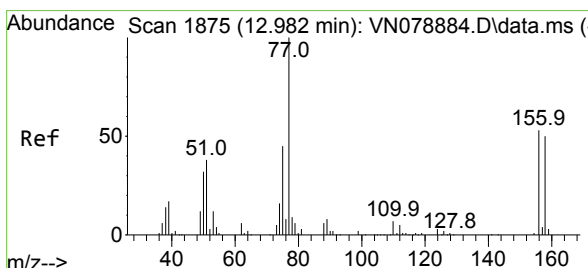
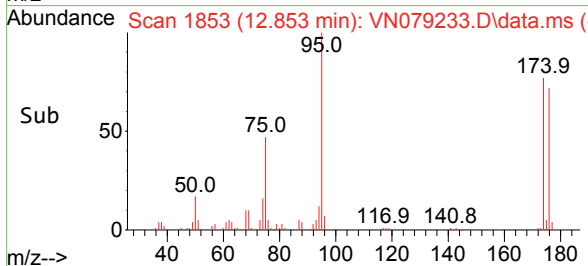
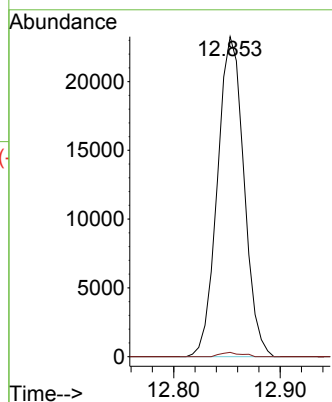
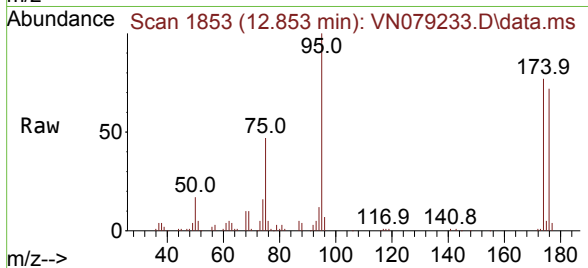
ClientSampleId :

Tgt Ion: 75 Resp: 40269

Ion Ratio Lower Upper

75 100

77 1.1 84.5 253.5#



#77

Bromobenzene

Concen: 0.247 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.006 min

Lab File: VN079233.D

Acq: 12 Sep 2023 12:22

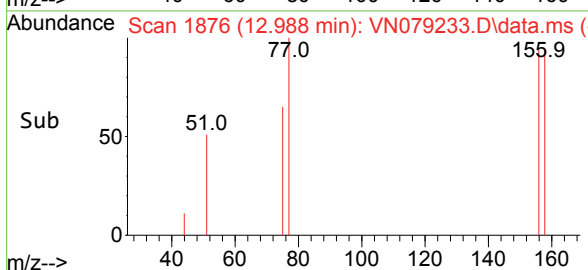
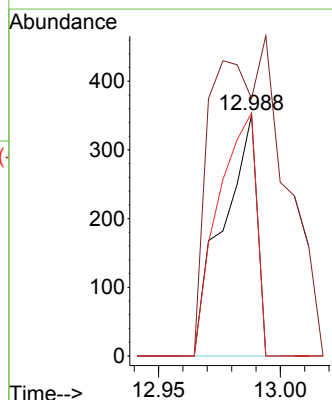
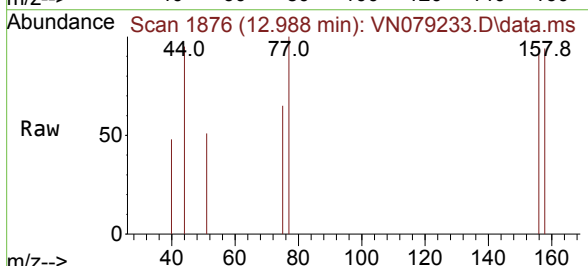
Tgt Ion:156 Resp: 336

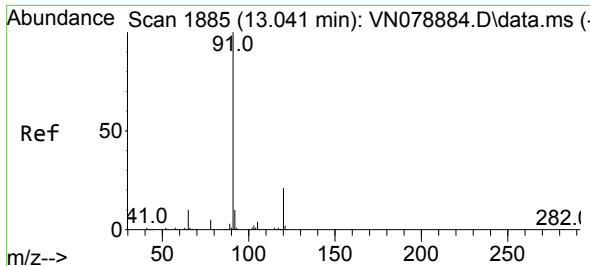
Ion Ratio Lower Upper

156 100

77 285.1 107.7 323.3

158 114.6 48.4 145.3

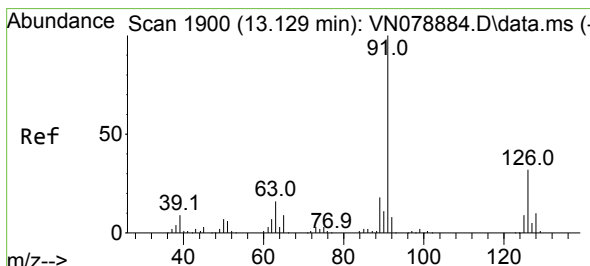
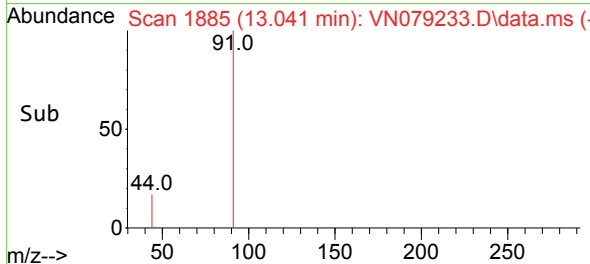
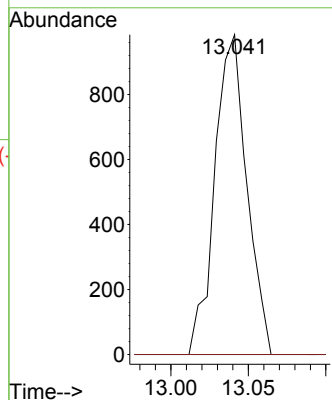
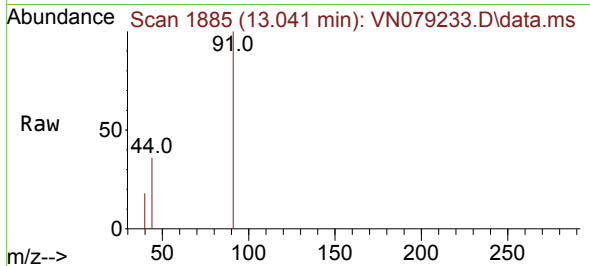




#78
n-propylbenzene
Concen: 0.235 ug/l
RT: 13.041 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079233.D
Acq: 12 Sep 2023 12:22

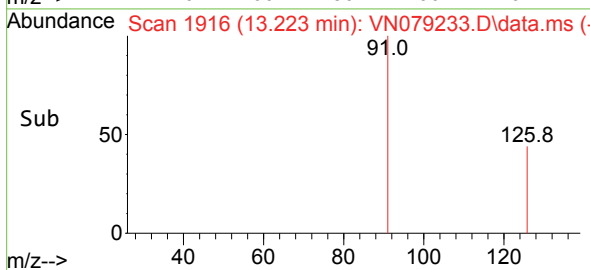
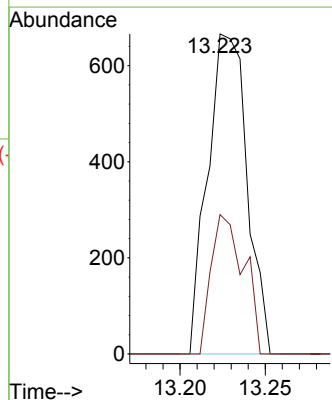
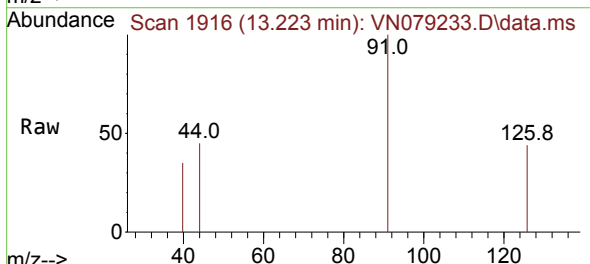
Instrument :
MSVOA_N
ClientSampleId :

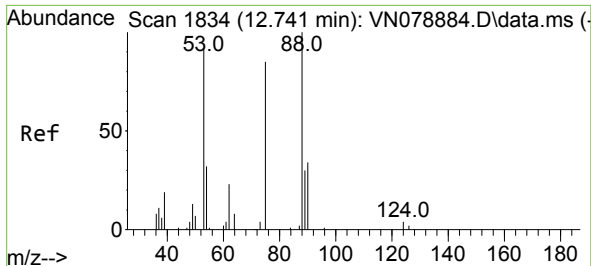
Tgt Ion: 91 Resp: 1415
Ion Ratio Lower Upper
91 100
120 0.0 11.5 34.4#



#79
2-Chlorotoluene
Concen: 0.272 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.094 min
Lab File: VN079233.D
Acq: 12 Sep 2023 12:22

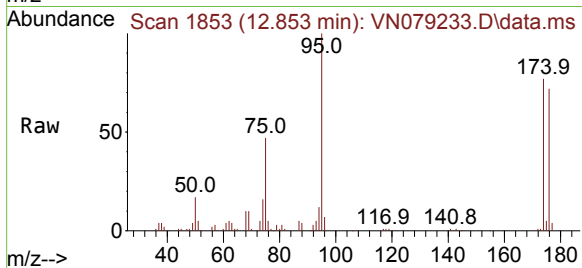
Tgt Ion: 91 Resp: 1070
Ion Ratio Lower Upper
91 100
126 36.2 16.3 48.8



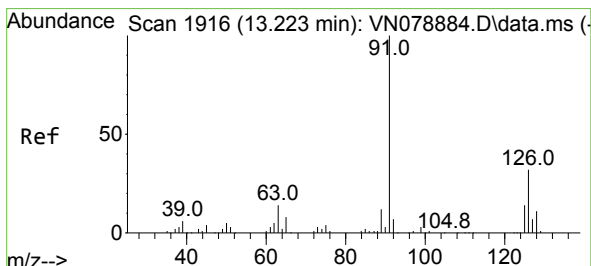
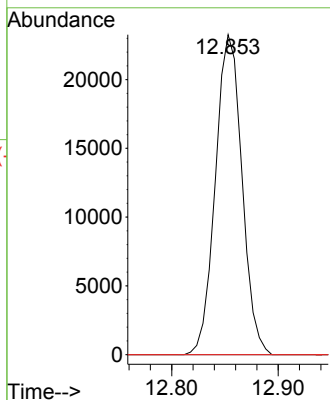
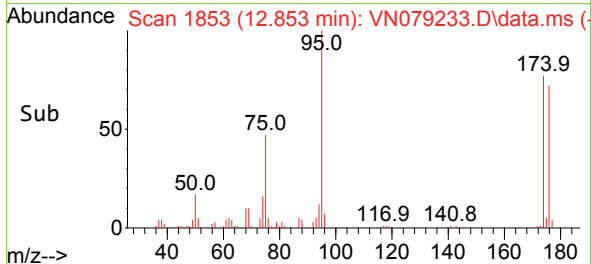


#81
trans-1,4-Dichloro-2-butene
Concen: 69.685 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN079233.D
Acq: 12 Sep 2023 12:22

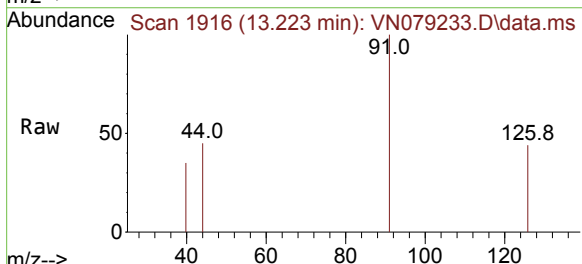
Instrument :
MSVOA_N
ClientSampleId :



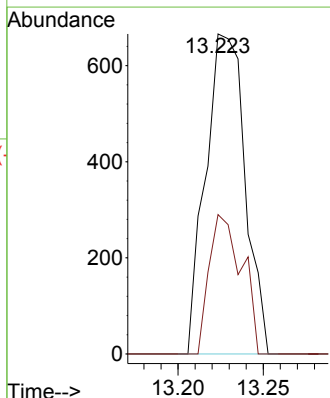
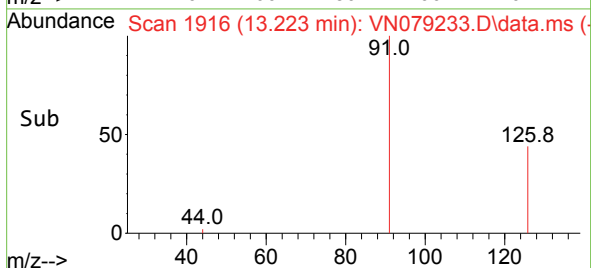
Tgt Ion: 75 Resp: 40269
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

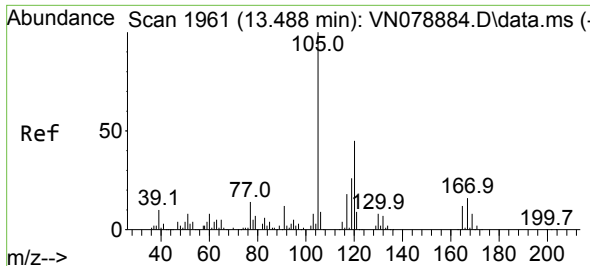


#82
4-Chlorotoluene
Concen: 0.289 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN079233.D
Acq: 12 Sep 2023 12:22



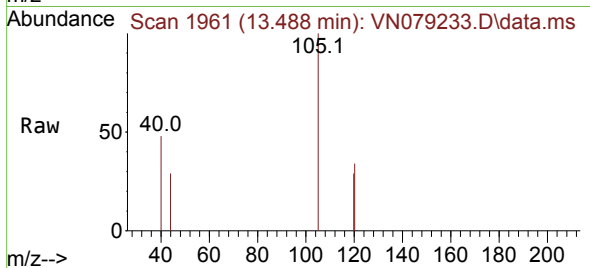
Tgt Ion: 91 Resp: 1070
Ion Ratio Lower Upper
91 100
126 36.2 16.7 50.0



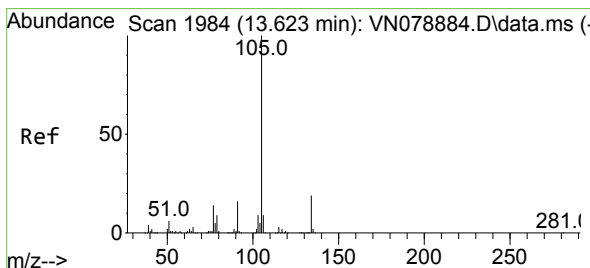
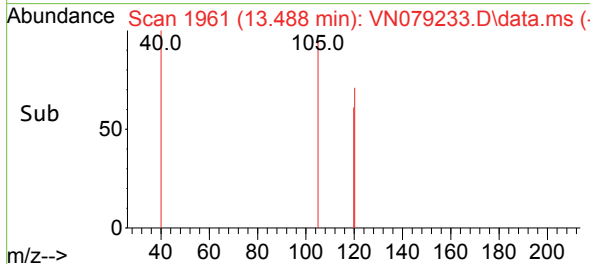
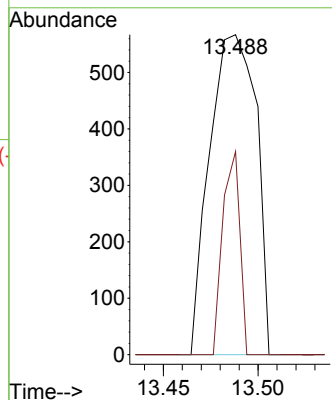


#84
1,2,4-Trimethylbenzene
Concen: 0.228 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079233.D
Acq: 12 Sep 2023 12:22

Instrument :
MSVOA_N
ClientSampleId :

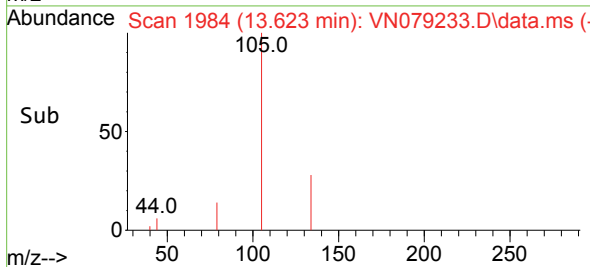
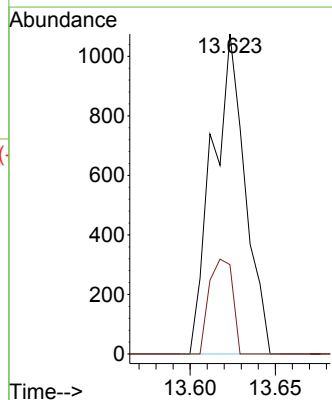
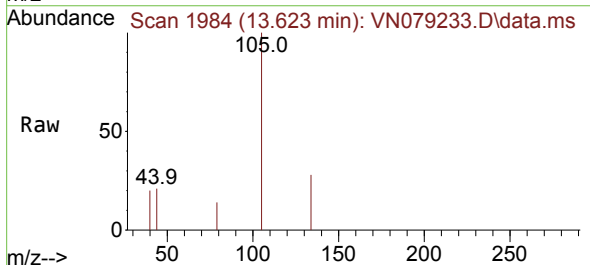


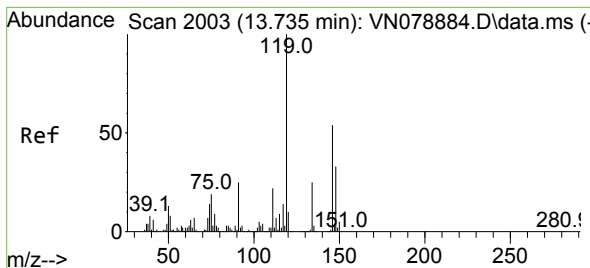
Tgt Ion:105 Resp: 969
Ion Ratio Lower Upper
105 100
120 23.4 22.0 66.0



#85
sec-Butylbenzene
Concen: 0.282 ug/l
RT: 13.623 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN079233.D
Acq: 12 Sep 2023 12:22

Tgt Ion:105 Resp: 1435
Ion Ratio Lower Upper
105 100
134 21.3 9.8 29.3





#86

p-Isopropyltoluene

Concen: 0.302 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

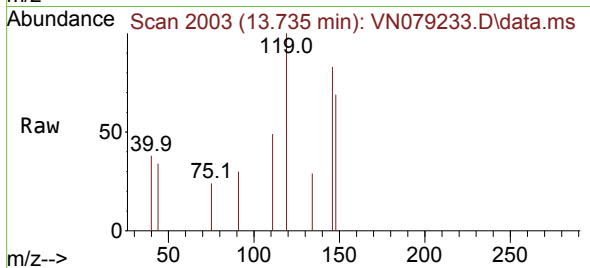
Lab File: VN079233.D

Acq: 12 Sep 2023 12:22

Instrument :

MSVOA_N

ClientSampleId :



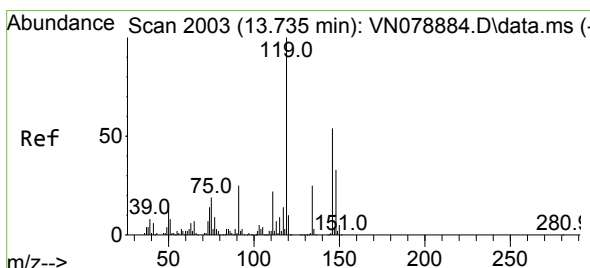
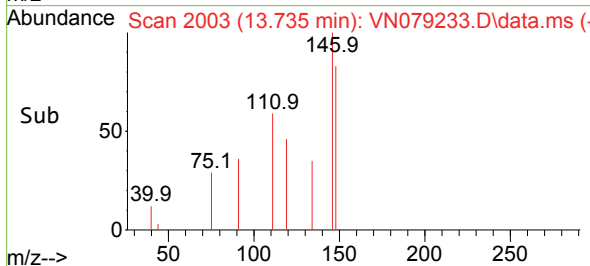
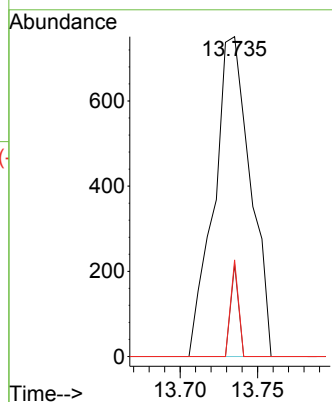
Tgt Ion:119 Resp: 1226

Ion Ratio Lower Upper

119 100

134 6.2 12.6 37.8#

91 6.5 12.4 37.2#



#87

1,3-Dichlorobenzene

Concen: 0.570 ug/l

RT: 13.747 min Scan# 2005

Delta R.T. 0.006 min

Lab File: VN079233.D

Acq: 12 Sep 2023 12:22

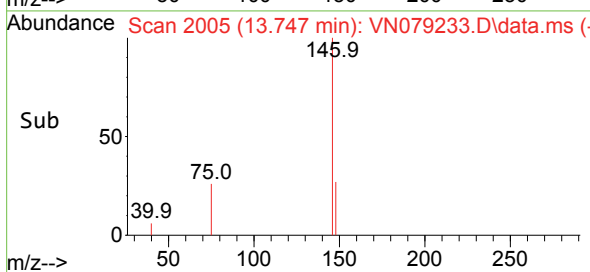
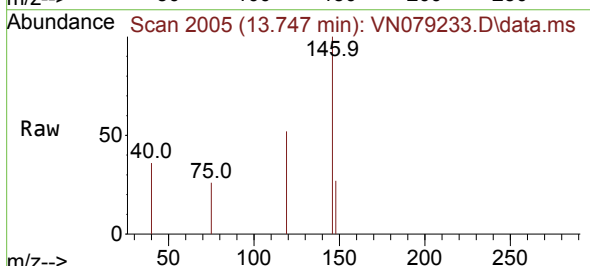
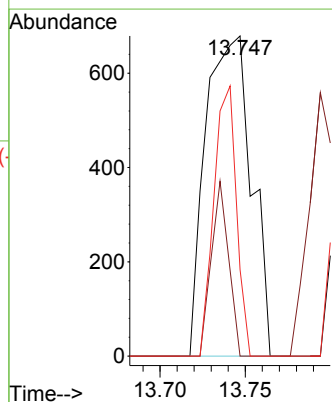
Tgt Ion:146 Resp: 1269

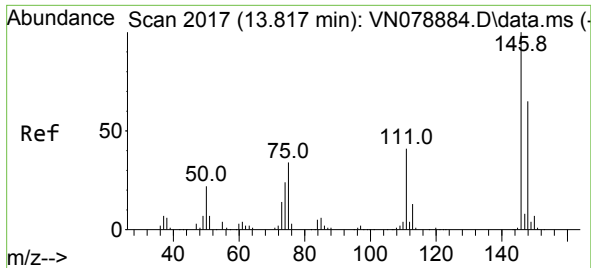
Ion Ratio Lower Upper

146 100

111 20.6 22.1 66.3#

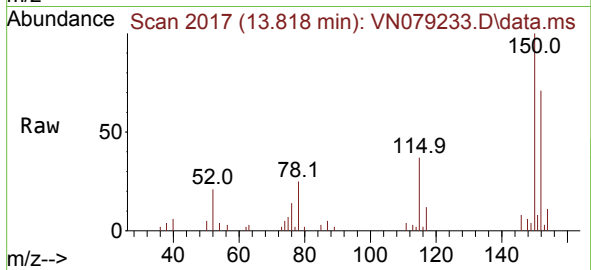
148 41.5 32.0 96.0



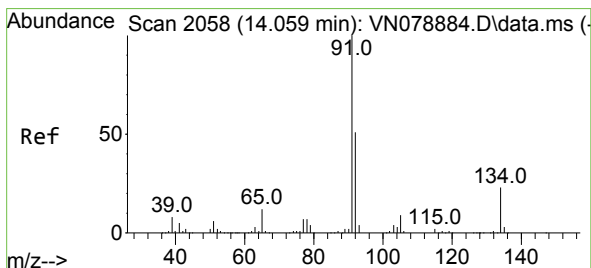
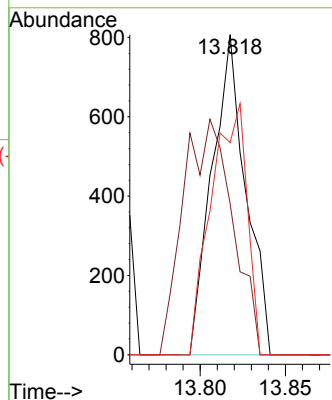
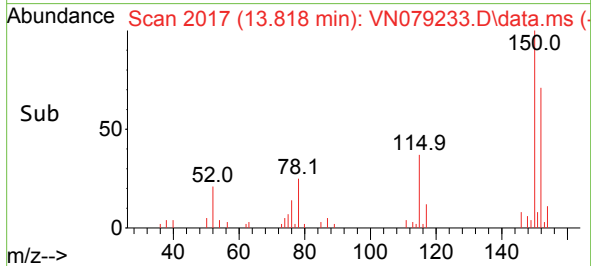


#88
1,4-Dichlorobenzene
Concen: 0.495 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN079233.D
Acq: 12 Sep 2023 12:22

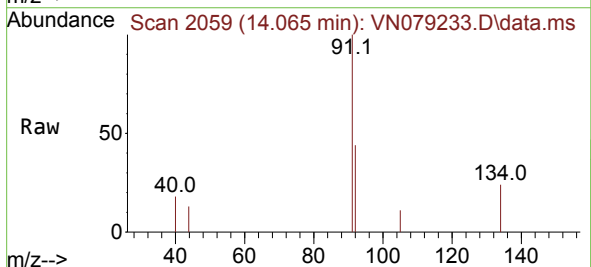
Instrument :
MSVOA_N
ClientSampleId :



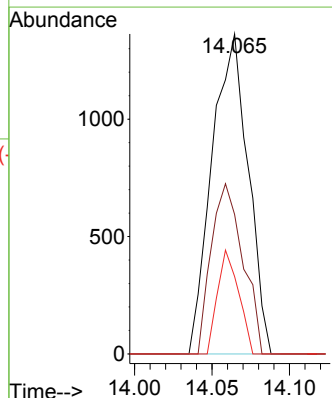
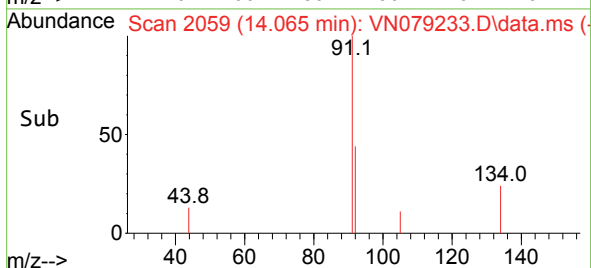
Tgt Ion:146 Resp: 1113
Ion Ratio Lower Upper
146 100
111 107.5 20.6 61.8#
148 83.1 31.6 94.8

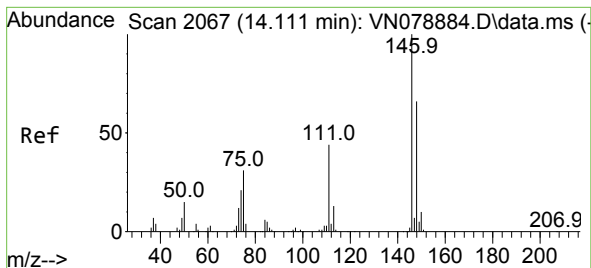


#89
n-Butylbenzene
Concen: 0.691 ug/l
RT: 14.065 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VN079233.D
Acq: 12 Sep 2023 12:22



Tgt Ion: 91 Resp: 2209
Ion Ratio Lower Upper
91 100
92 46.5 26.4 79.0
134 19.0 12.6 37.6





#91

1,2-Dichlorobenzene

Concen: 0.468 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN079233.D

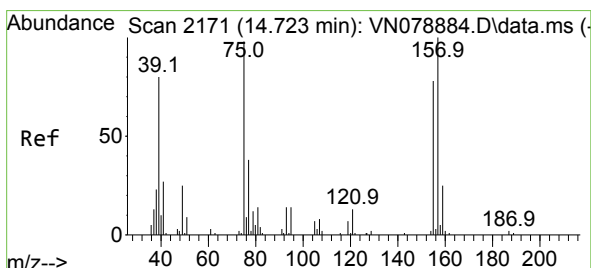
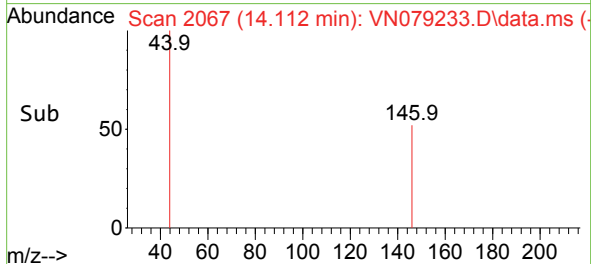
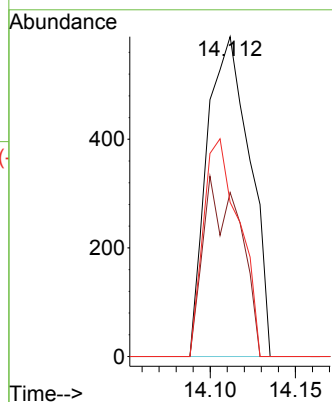
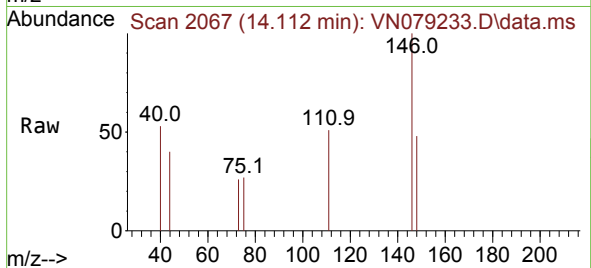
Acq: 12 Sep 2023 12:22

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:146	Resp:	1028
Ion Ratio	Lower	Upper
146	100	
111	48.5	22.0 66.0
148	57.2	31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.504 ug/l

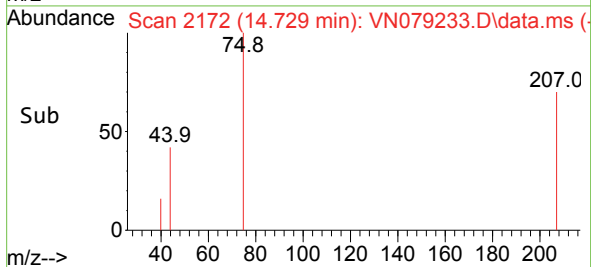
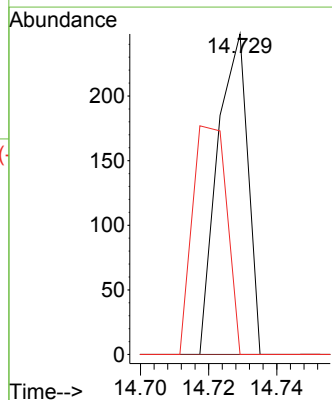
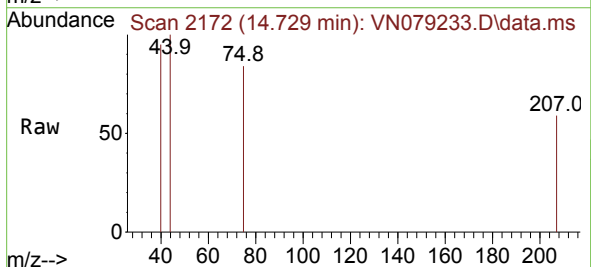
RT: 14.729 min Scan# 2172

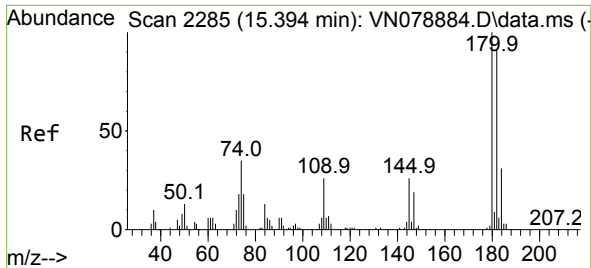
Delta R.T. 0.006 min

Lab File: VN079233.D

Acq: 12 Sep 2023 12:22

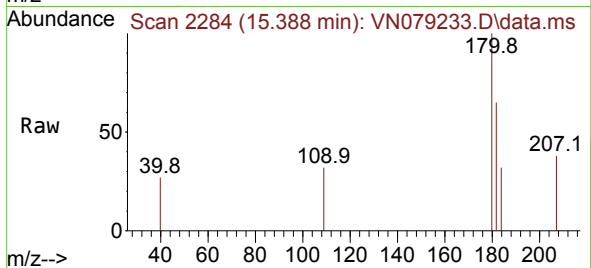
Tgt Ion: 75	Resp:	153
Ion Ratio	Lower	Upper
75	100	
155	0.0	39.1 117.2#
157	81.0	50.3 150.9



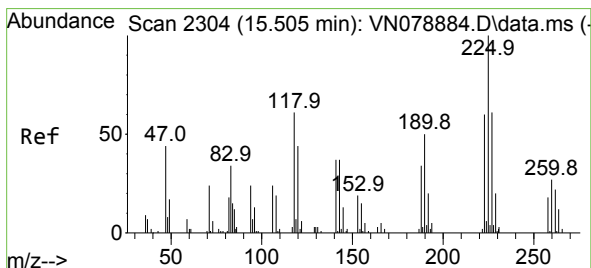
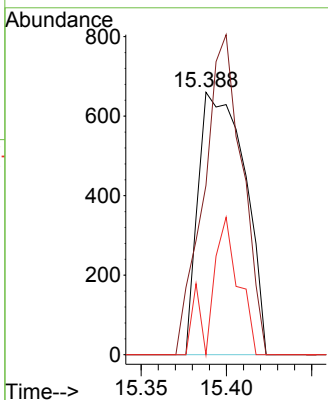
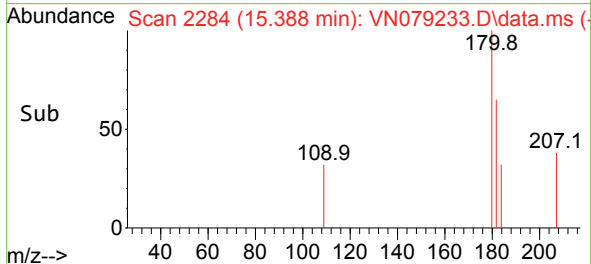


#93
 1,2,4-Trichlorobenzene
 Concen: 1.587 ug/l
 RT: 15.388 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VN079233.D
 Acq: 12 Sep 2023 12:22

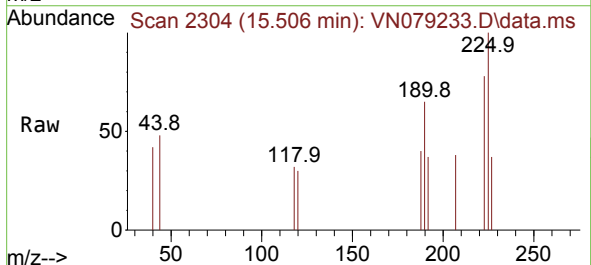
Instrument :
 MSVOA_N
 ClientSampleId :



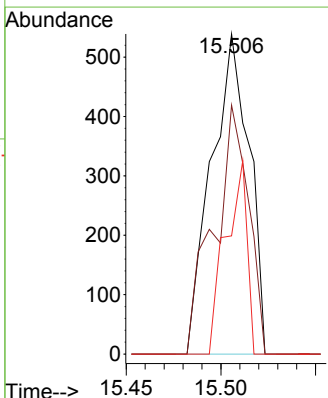
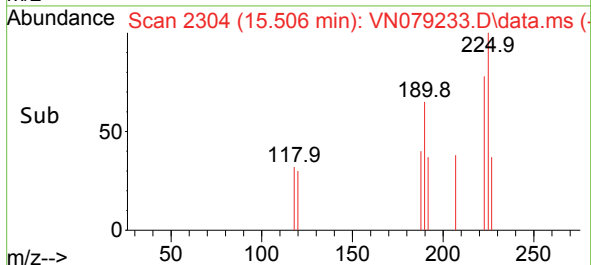
Tgt Ion:180 Resp: 1254
 Ion Ratio Lower Upper
 180 100
 182 100.9 46.1 138.2
 145 31.3 16.6 49.8

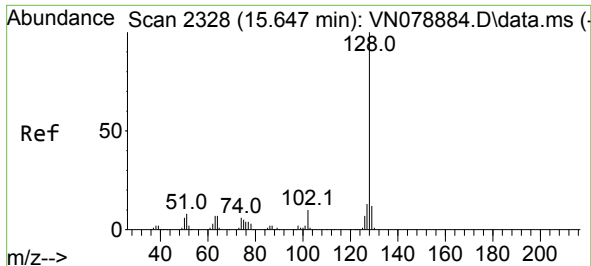


#94
 Hexachlorobutadiene
 Concen: 1.197 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. -0.000 min
 Lab File: VN079233.D
 Acq: 12 Sep 2023 12:22



Tgt Ion:225 Resp: 744
 Ion Ratio Lower Upper
 225 100
 223 71.5 31.3 93.8
 227 34.3 31.9 95.9

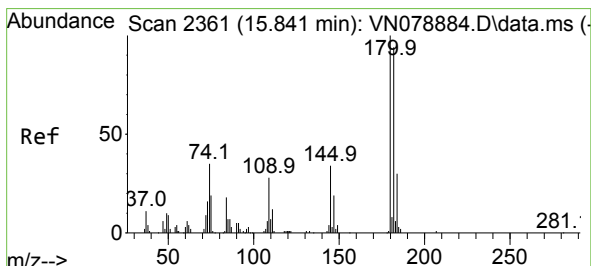
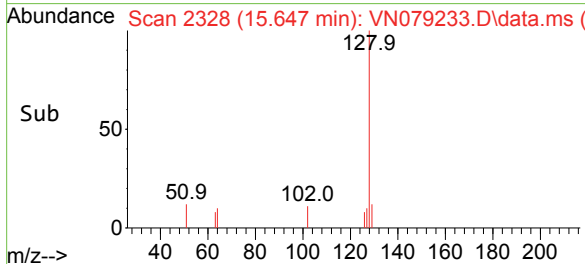
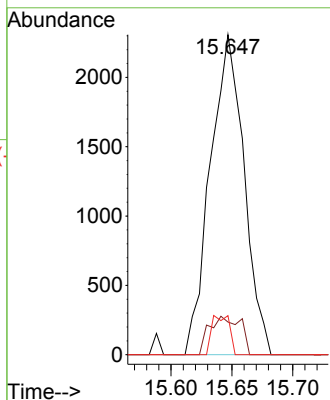
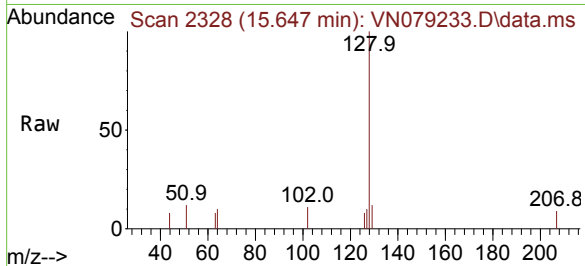




#95
Naphthalene
Concen: 1.900 ug/l
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN079233.D
Acq: 12 Sep 2023 12:22

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.1	10.0	15.0
129	6.4	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 1.955 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN079233.D
Acq: 12 Sep 2023 12:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	46.2	138.6
145	30.5	17.5	52.6

