

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110723\
 Data File : VN079964.D
 Acq On : 07 Nov 2023 14:58
 Operator : JC\MD
 Sample : 05222-04DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 08 04:28:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	279957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	573067	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	572787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	231253	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	235072	55.113	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.220%			
35) Dibromofluoromethane	8.171	113	192680	47.506	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.020%			
50) Toluene-d8	10.571	98	679996	45.541	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 91.080%			
62) 4-Bromofluorobenzene	12.853	95	247614	50.003	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.000%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.353	50	967	Below Cal	#	42
6) Chloroethane	3.112	64	1118	0.321	ug/l #	43
10) Methyl Iodide	4.594	142	1474	0.406	ug/l #	61
13) Acrolein	4.200	56	61	2.698	ug/l #	1
15) Acrylonitrile	5.736	53	724	0.427	ug/l #	51
16) Acetone	4.453	43	2597	1.733	ug/l	94
17) Carbon Disulfide	4.712	76	3279	0.377	ug/l #	75
18) Methyl Acetate	5.030	43	4514	0.630	ug/l #	55
20) Methylene Chloride	5.283	84	1683	0.445	ug/l #	80
25) 2-Butanone	7.506	43	1330	0.606	ug/l #	37
27) cis-1,2-Dichloroethene	7.482	96	2233	0.555	ug/l	66
30) Chloroform	7.971	83	1648	0.233	ug/l #	78
31) Cyclohexane	8.235	56	7567	1.343	ug/l #	55
32) 1,1,1-Trichloroethane	8.177	97	6415	1.115	ug/l #	47
36) 1,1-Dichloropropene	8.229	75	25872	4.467	ug/l #	48
38) Carbon Tetrachloride	8.229	117	32079	5.496	ug/l #	17
43) Isopropyl Acetate	8.777	43	21292	2.286	ug/l #	49
44) Trichloroethene	9.359	130	82120	19.079	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	1129	0.215	ug/l #	31
59) 2-Hexanone	11.200	43	2130	0.531	ug/l	67
60) Dibromochloromethane	11.106	129	17414	3.933	ug/l #	11
64) Tetrachloroethene	11.112	164	16943	4.567	ug/l	92
71) Bromoform	12.853	173	1989	0.626	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	133016	24.500	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	133016	66.660	ug/l #	15
87) 1,3-Dichlorobenzene	13.741	146	1847	0.231	ug/l	89
88) 1,4-Dichlorobenzene	13.741	146	1847	0.228	ug/l	91
89) n-Butylbenzene	14.053	91	2732	0.251	ug/l	87
91) 1,2-Dichlorobenzene	14.111	146	1878	0.249	ug/l	83
92) 1,2-Dibromo-3-Chloropr...	14.723	75	338	0.320	ug/l #	23
93) 1,2,4-Trichlorobenzene	15.400	180	2221	0.619	ug/l	92
94) Hexachlorobutadiene	15.500	225	881	0.542	ug/l	74
95) Naphthalene	15.641	128	11497	0.945	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	2579	0.733	ug/l	89

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Operator : JC\MD
Sample : 05222-04DL 5X
Misc : 5.0mL/MSVOA_N/WATER
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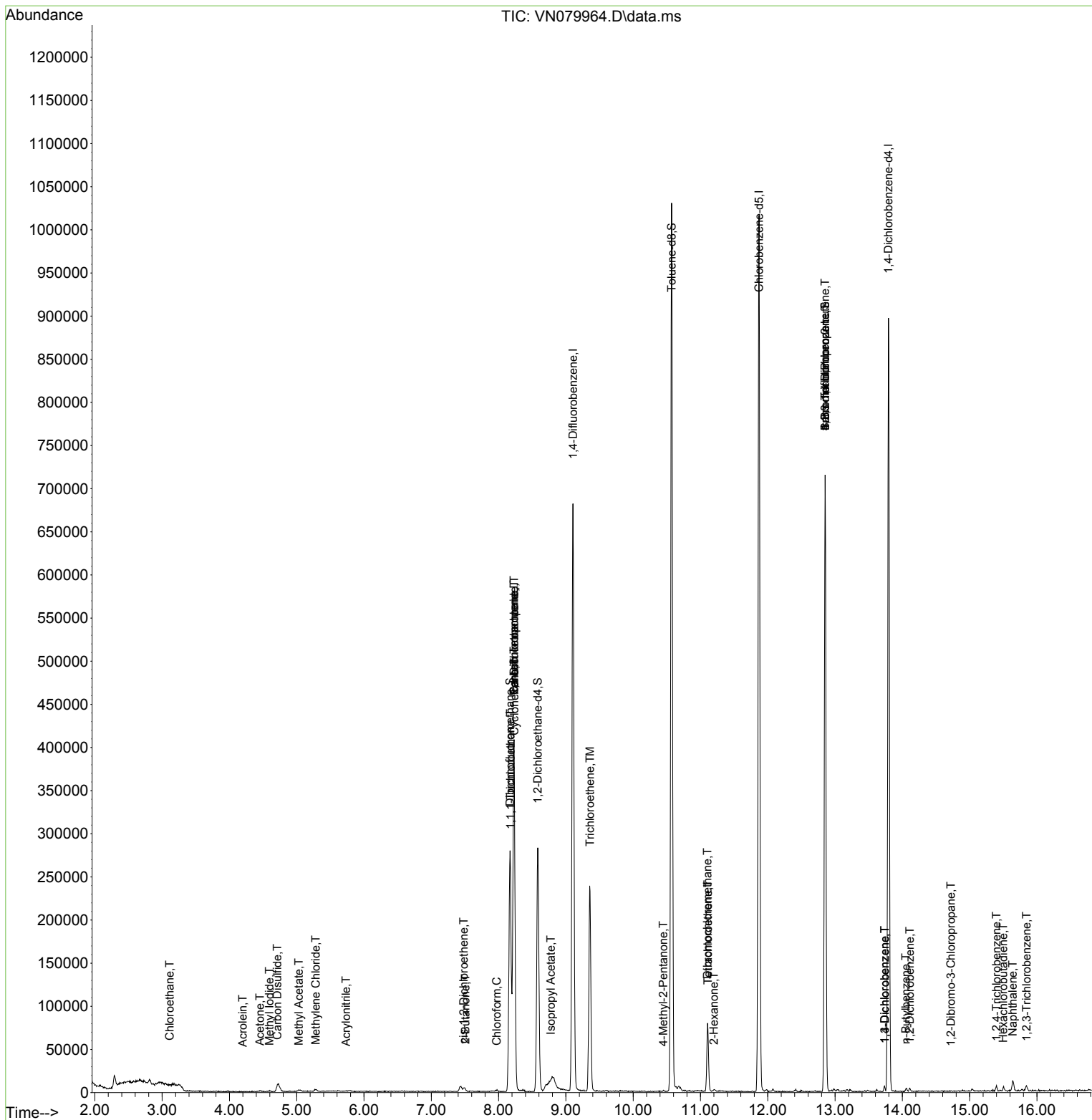
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MSVOA_N
ClientSampleId :

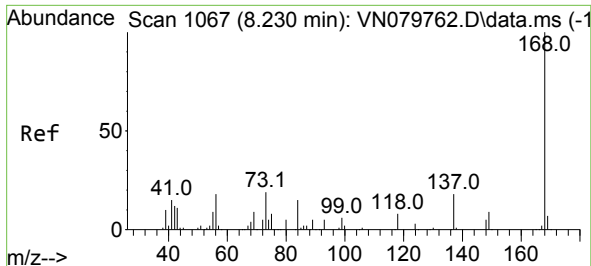
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration

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

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

Quant Time: Nov 08 04:28:38 2023
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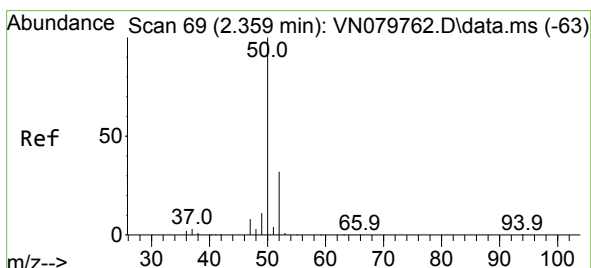
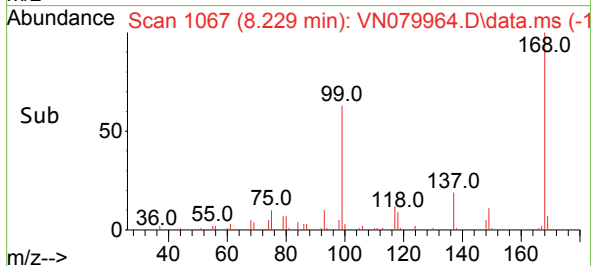
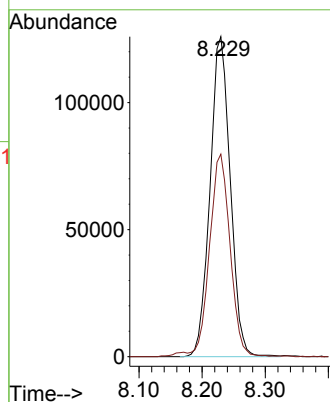
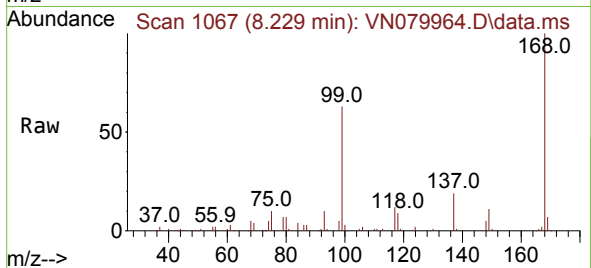




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN079964.D
Acq: 07 Nov 2023 14:58

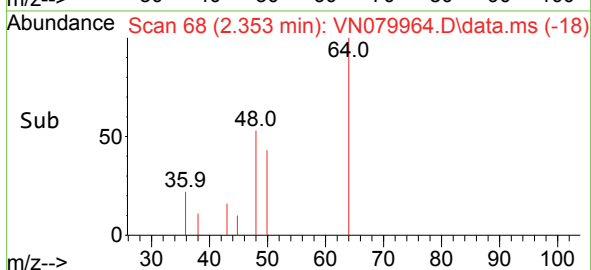
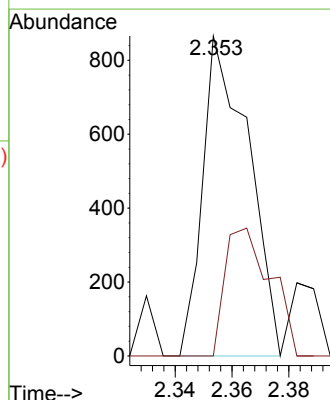
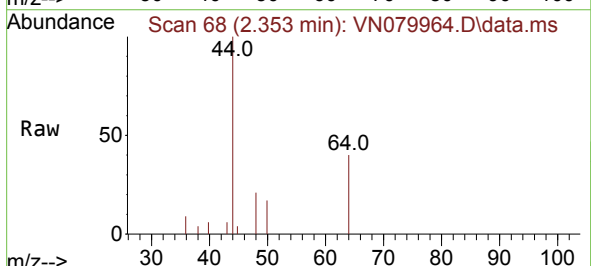
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MSVOA_N
ClientSampleId :

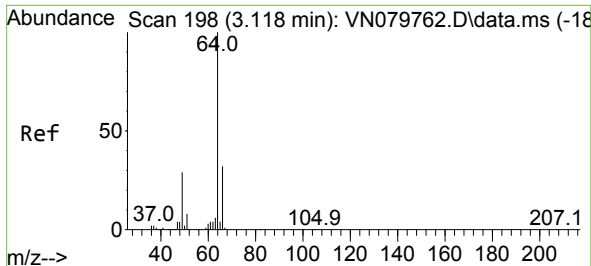
Tgt Ion:168 Resp: 279957
Ion Ratio Lower Upper
168 100
99 63.1 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.353 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN079964.D
Acq: 07 Nov 2023 14:58

Tgt Ion: 50 Resp: 967
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#

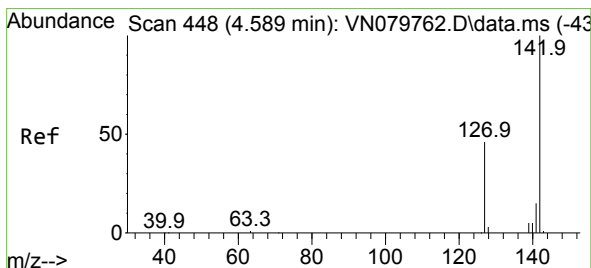
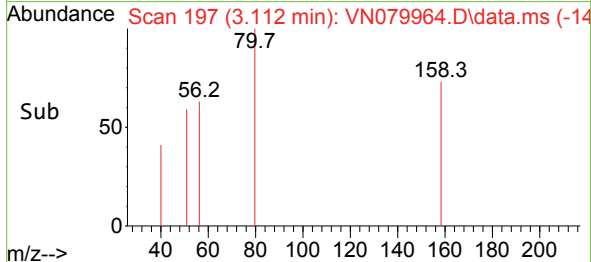
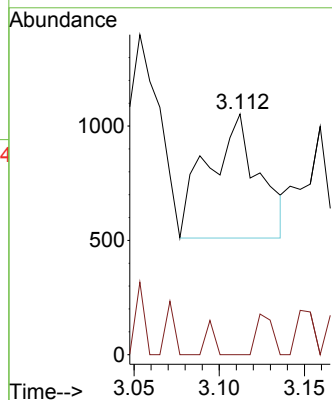
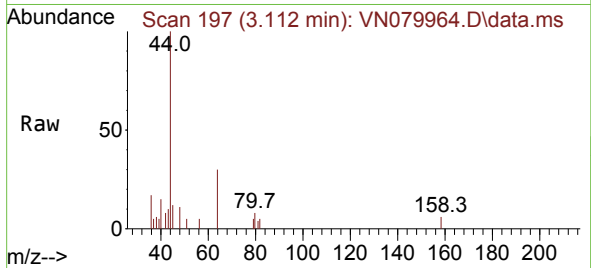




#6
Chloroethane
Concen: 0.321 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN079964.D
Acq: 07 Nov 2023 14:58

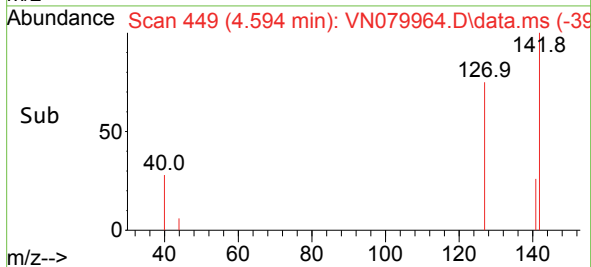
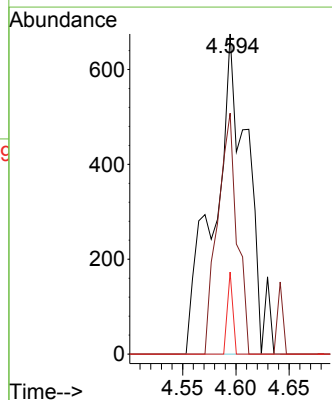
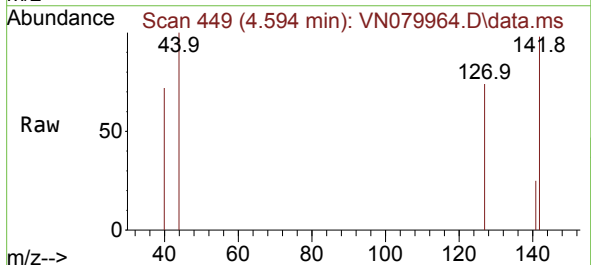
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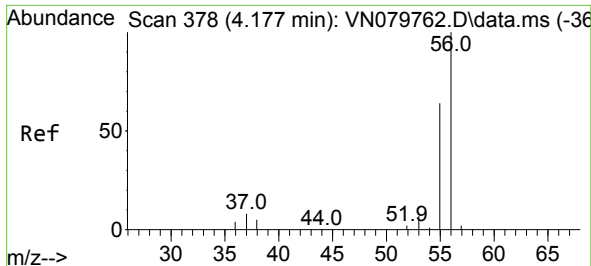
Tgt Ion: 64 Resp: 1118
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#10
Methyl Iodide
Concen: 0.406 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN079964.D
Acq: 07 Nov 2023 14:58

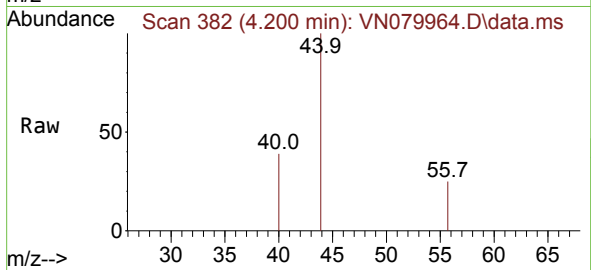
Tgt Ion:142 Resp: 1474
Ion Ratio Lower Upper
142 100
127 75.3 37.6 56.4#
141 25.6 11.4 17.0#



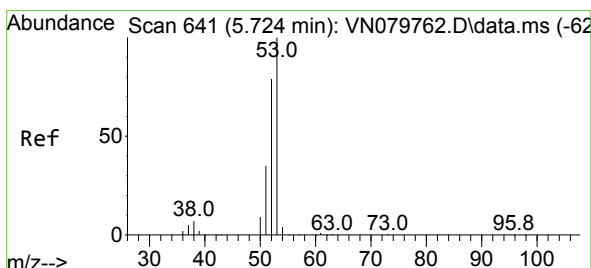
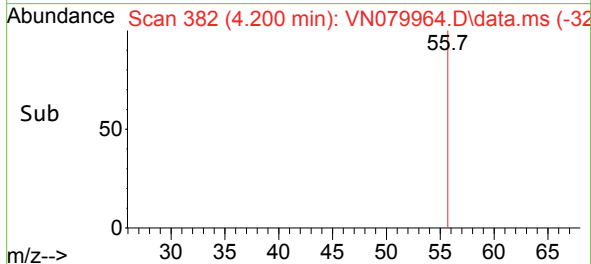
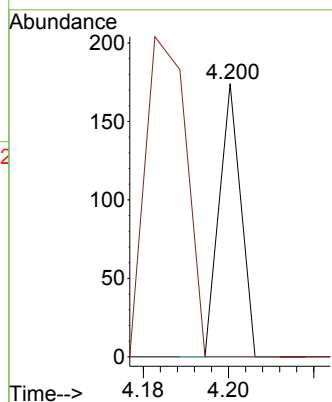


#13
Acrolein
Concen: 2.698 ug/l
RT: 4.200 min Scan# 31
Delta R.T. 0.017 min
Lab File: VN079964.D
Acq: 07 Nov 2023 14:58

Instrument :
MSVOA_N
ClientSampleId :

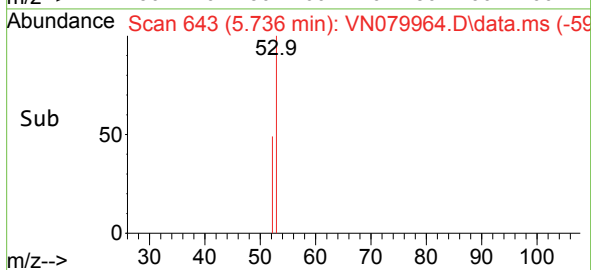
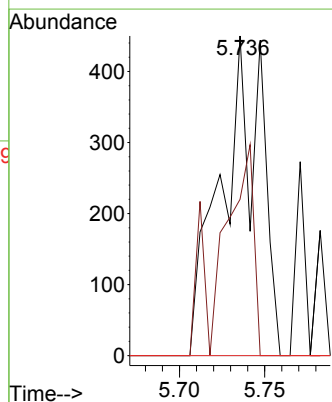
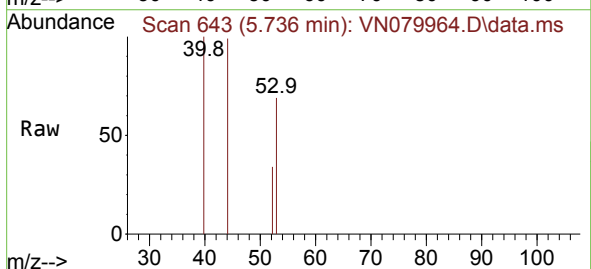


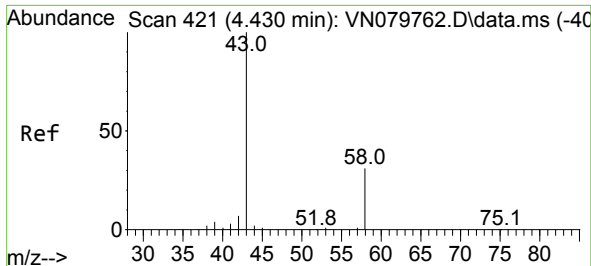
Tgt Ion: 56 Resp: 61
Ion Ratio Lower Upper
56 100
55 224.6 54.5 81.7#



#15
Acrylonitrile
Concen: 0.427 ug/l
RT: 5.736 min Scan# 643
Delta R.T. 0.012 min
Lab File: VN079964.D
Acq: 07 Nov 2023 14:58

Tgt Ion: 53 Resp: 724
Ion Ratio Lower Upper
53 100
52 43.1 65.3 97.9#
51 0.0 28.9 43.3#

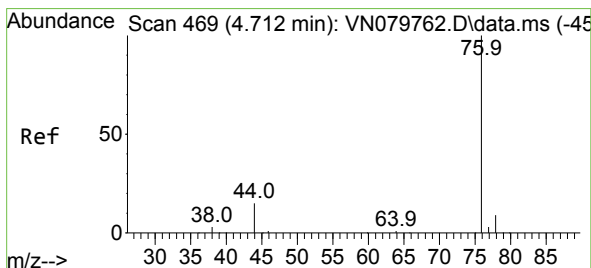
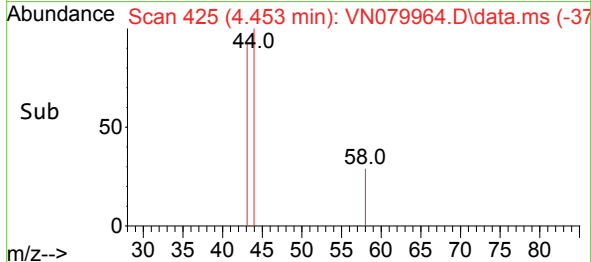
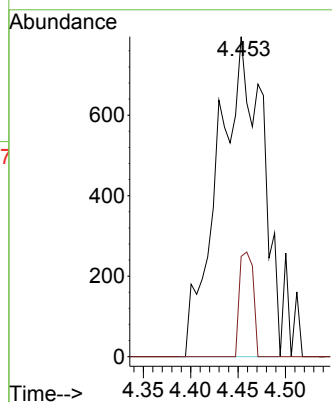
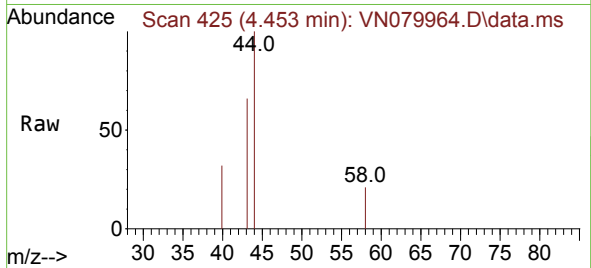




#16
Acetone
Concen: 1.733 ug/l
RT: 4.453 min Scan# 41
Delta R.T. 0.024 min
Lab File: VN079964.D
Acq: 07 Nov 2023 14:58

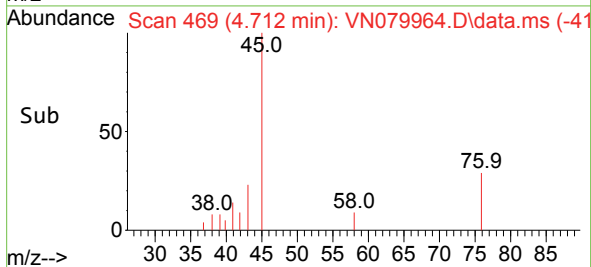
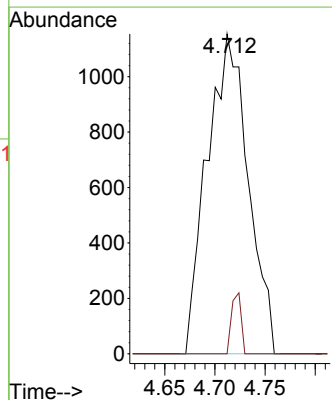
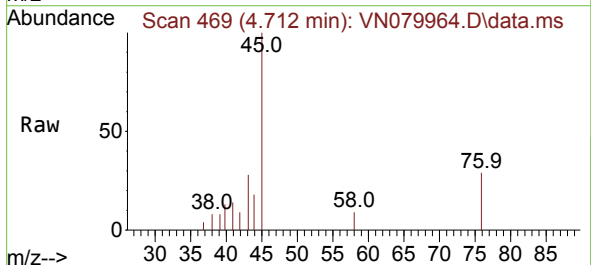
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ClientSampleId :

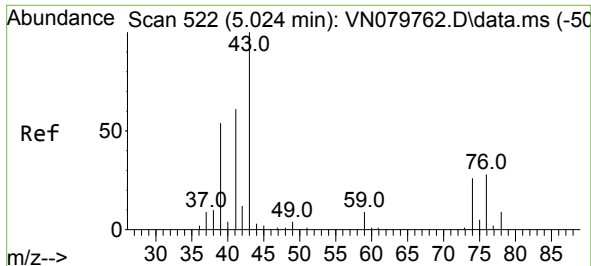
Tgt Ion: 43 Resp: 2597
Ion Ratio Lower Upper
43 100
58 31.3 28.0 42.0



#17
Carbon Disulfide
Concen: 0.377 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN079964.D
Acq: 07 Nov 2023 14:58

Tgt Ion: 76 Resp: 3279
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

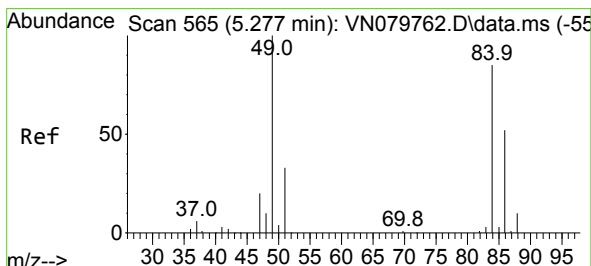
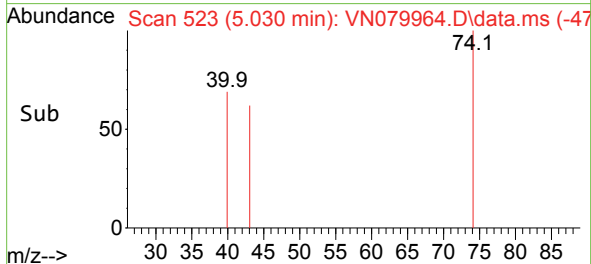
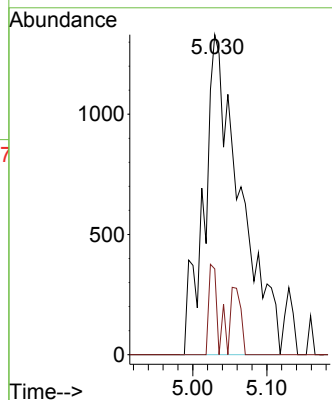
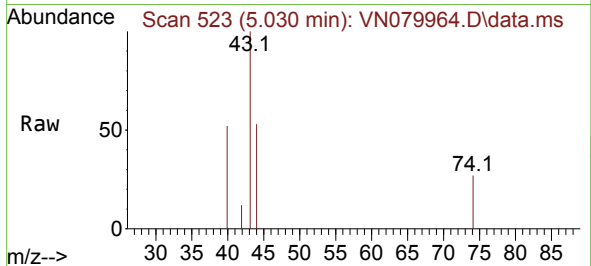




#18
Methyl Acetate
Concen: 0.630 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN079964.D
Acq: 07 Nov 2023 14:58

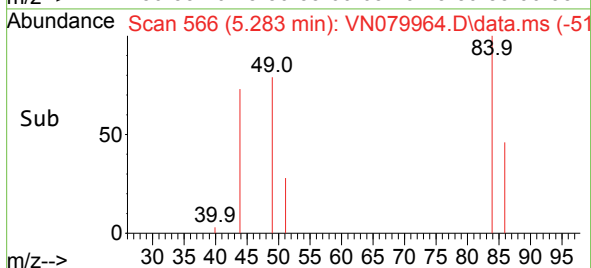
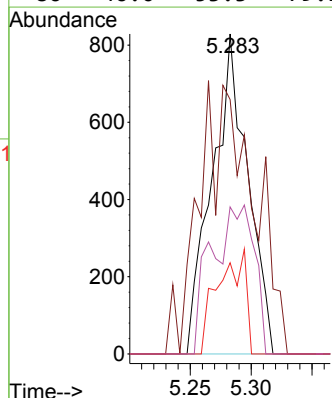
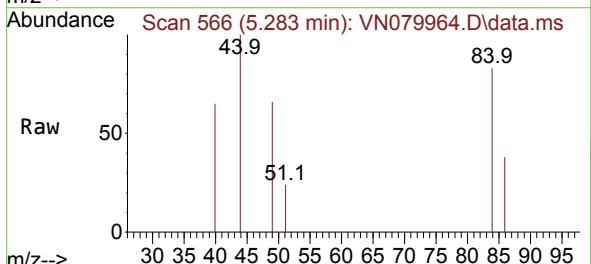
Instrument :
MSVOA_N
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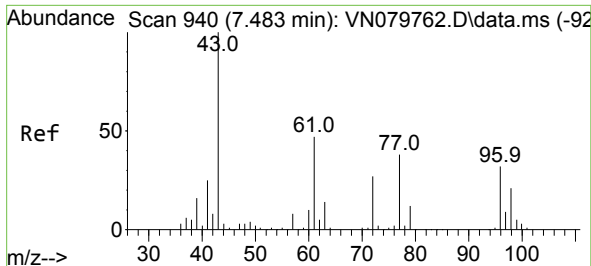
Tgt Ion: 43 Resp: 4514
Ion Ratio Lower Upper
43 100
74 7.4 26.2 39.4#



#20
Methylene Chloride
Concen: 0.445 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN079964.D
Acq: 07 Nov 2023 14:58

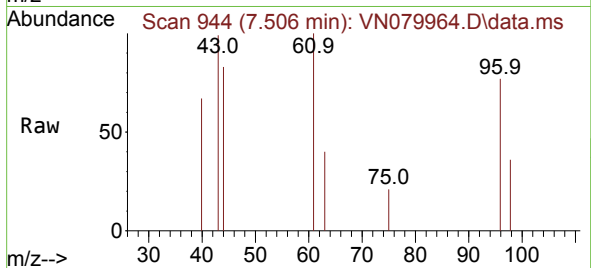
Tgt Ion: 84 Resp: 1683
Ion Ratio Lower Upper
84 100
49 79.5 79.7 119.5#
51 28.5 25.2 37.8
86 46.0 53.3 79.9#



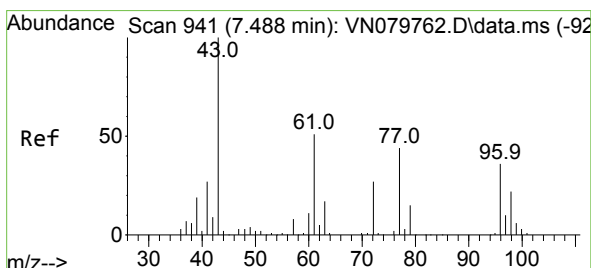
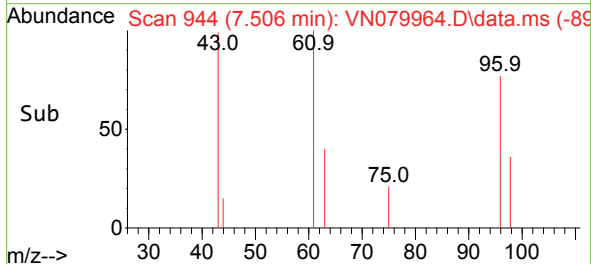
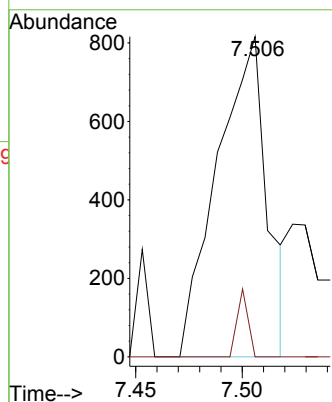


#25
2-Butanone
Concen: 0.606 ug/l
RT: 7.506 min Scan# 941
Delta R.T. 0.018 min
Lab File: VN079964.D
Acq: 07 Nov 2023 14:58

Instrument :
MSVOA_N
ClientSampleId :

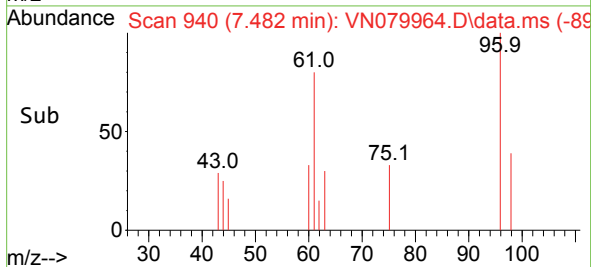
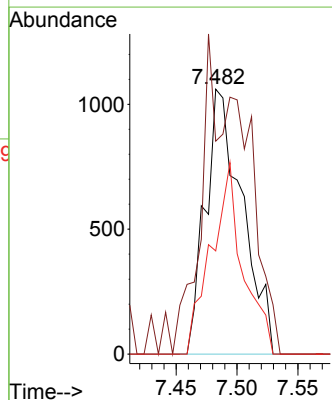
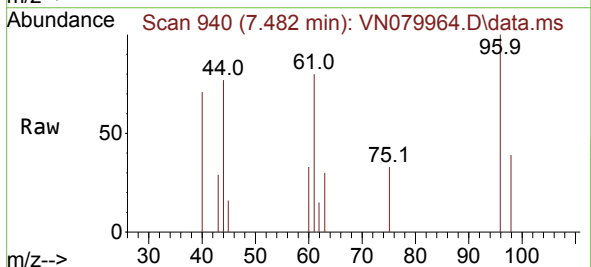


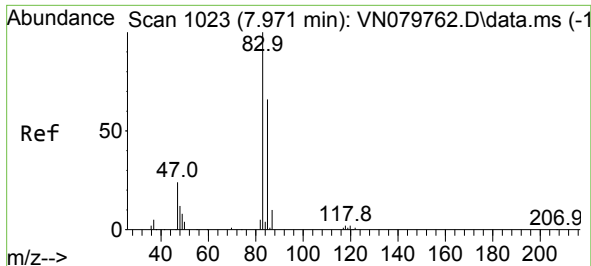
Tgt Ion: 43 Resp: 1330
Ion Ratio Lower Upper
43 100
72 0.0 30.2 45.2#



#27
cis-1,2-Dichloroethene
Concen: 0.555 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN079964.D
Acq: 07 Nov 2023 14:58

Tgt Ion: 96 Resp: 2233
Ion Ratio Lower Upper
96 100
61 69.6 0.0 255.2
98 62.2 0.0 128.8

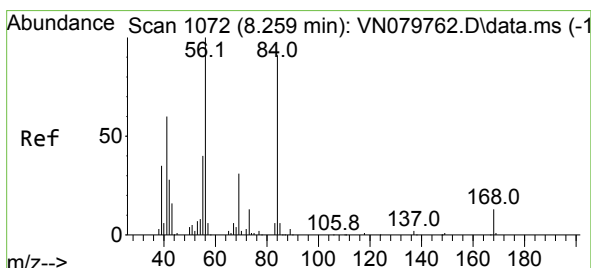
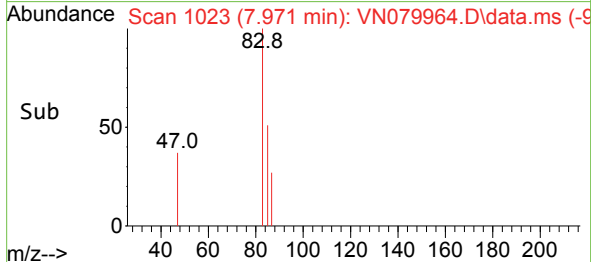
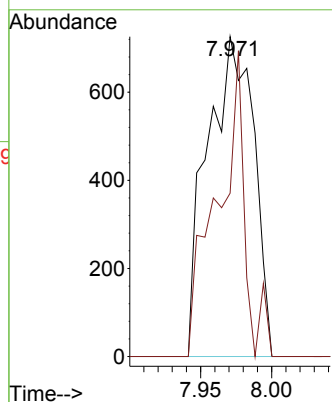
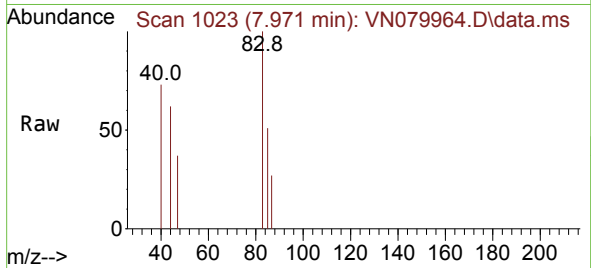




#30
Chloroform
Concen: 0.233 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN079964.D
Acq: 07 Nov 2023 14:58

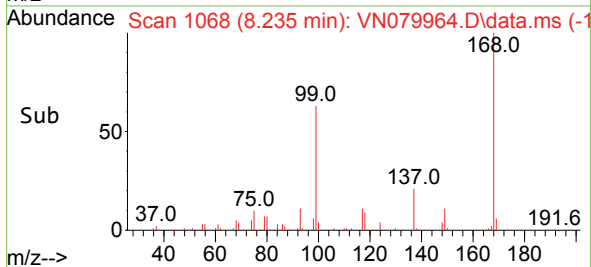
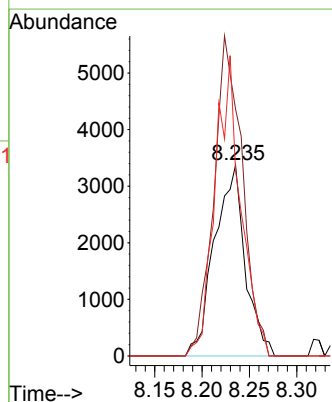
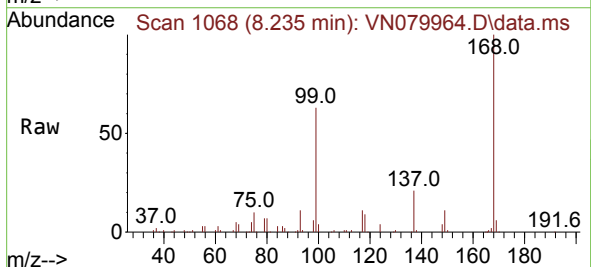
Instrument :
MSVOA_N
ClientSampleId :

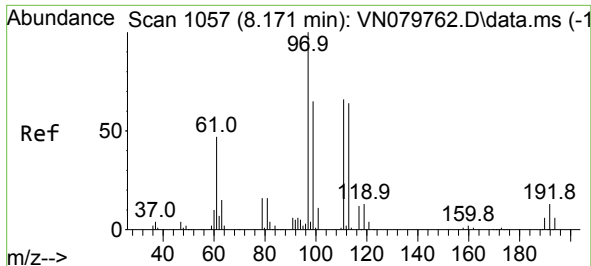
Tgt Ion: 83 Resp: 1648
Ion Ratio Lower Upper
83 100
85 51.1 55.4 83.0#



#31
Cyclohexane
Concen: 1.343 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.024 min
Lab File: VN079964.D
Acq: 07 Nov 2023 14:58

Tgt Ion: 56 Resp: 7567
Ion Ratio Lower Upper
56 100
69 129.4 26.8 40.2#
84 97.1 81.8 122.6





#32

1,1,1-Trichloroethane

Concen: 1.115 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN079964.D

Acq: 07 Nov 2023 14:58

Instrument :

MSVOA_N

ClientSampleId :

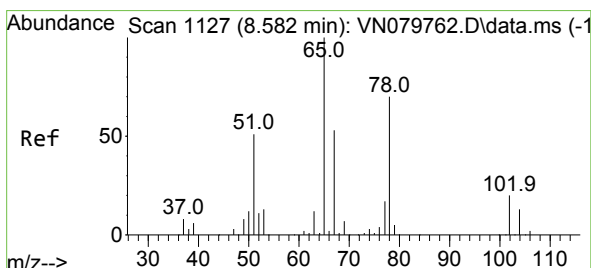
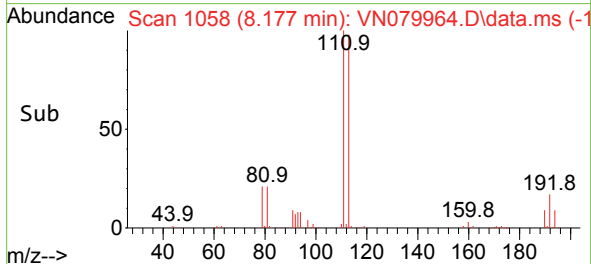
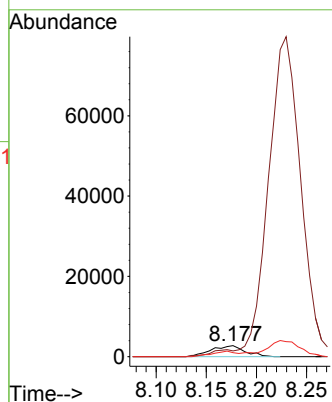
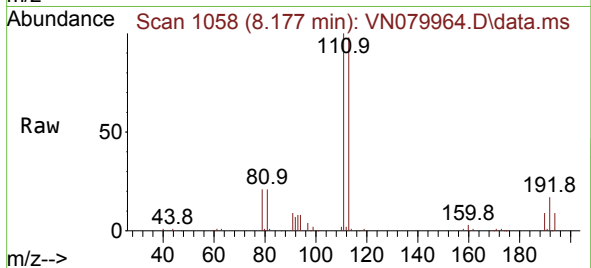
Tgt Ion: 97 Resp: 6415

Ion Ratio Lower Upper

97 100

99 0.0 50.3 75.5#

61 35.8 34.7 52.1



#33

1,2-Dichloroethane-d4

Concen: 55.113 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079964.D

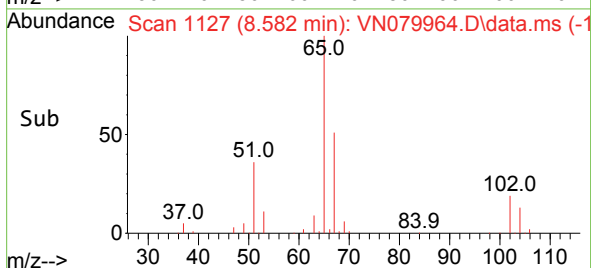
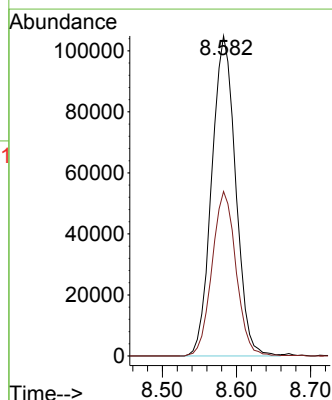
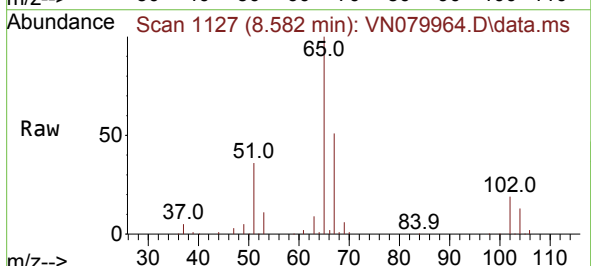
Acq: 07 Nov 2023 14:58

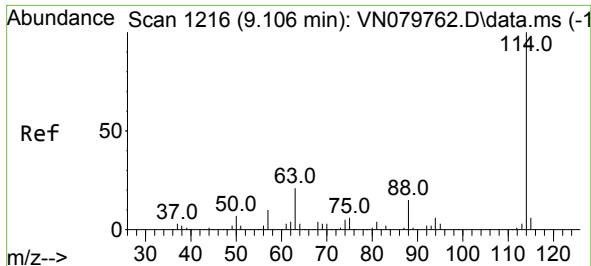
Tgt Ion: 65 Resp: 235072

Ion Ratio Lower Upper

65 100

67 51.6 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079964.D

Acq: 07 Nov 2023 14:58

Instrument :

MSVOA_N

ClientSampleId :

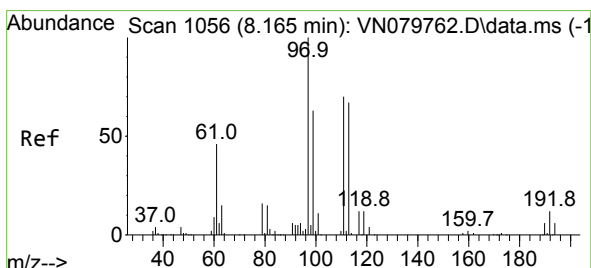
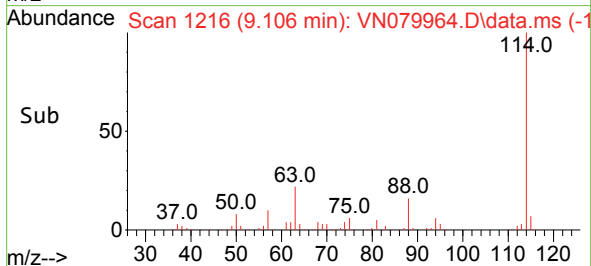
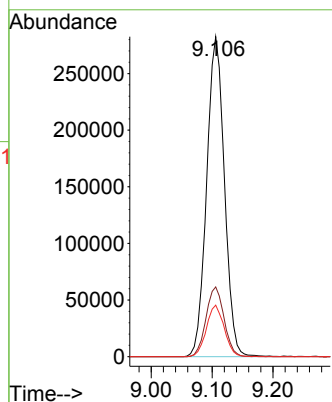
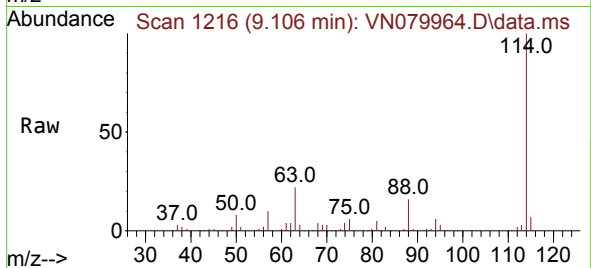
Tgt Ion:114 Resp: 573067

Ion Ratio Lower Upper

114 100

63 21.8 0.0 36.4

88 16.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.506 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079964.D

Acq: 07 Nov 2023 14:58

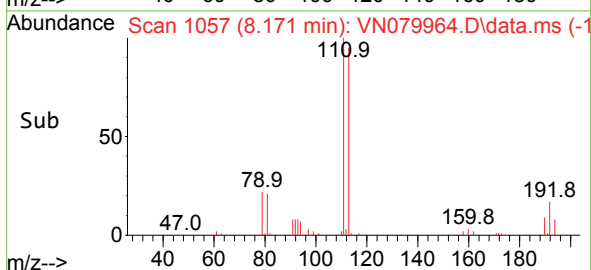
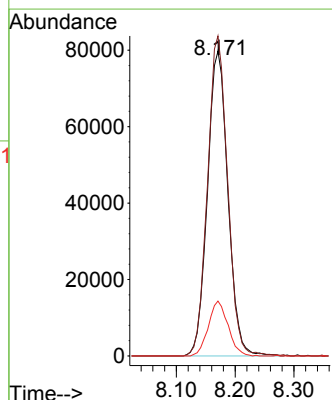
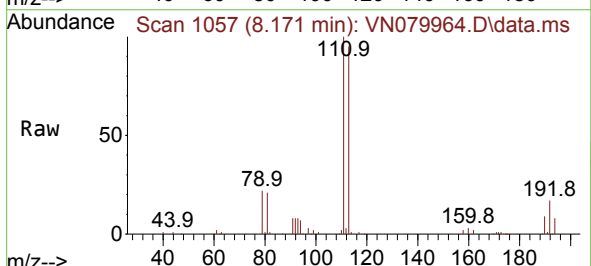
Tgt Ion:113 Resp: 192680

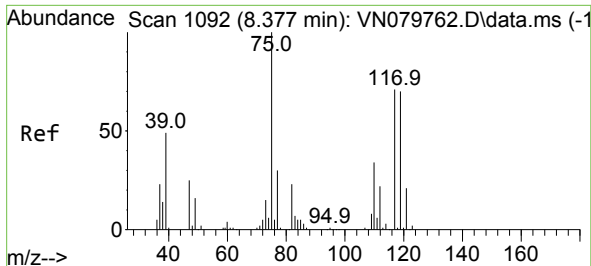
Ion Ratio Lower Upper

113 100

111 103.2 82.6 123.8

192 17.3 12.7 19.1

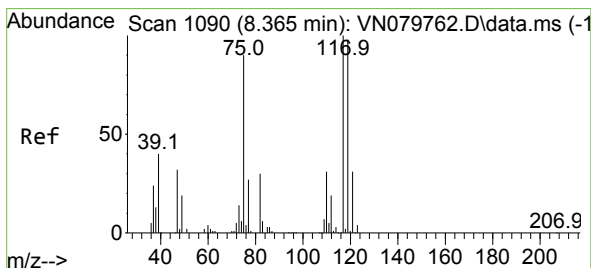
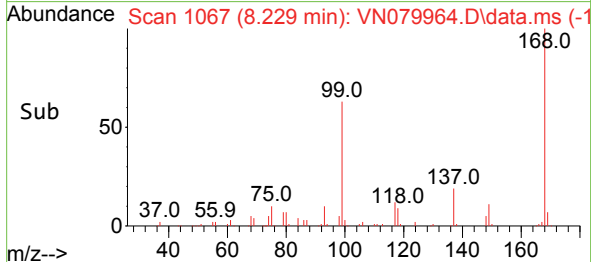
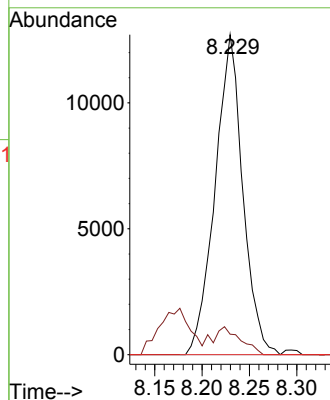
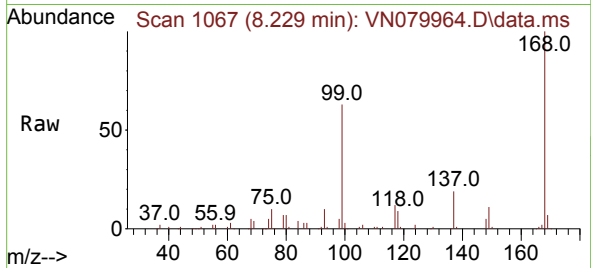




#36
1,1-Dichloropropene
Concen: 4.467 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN079964.D
Acq: 07 Nov 2023 14:58

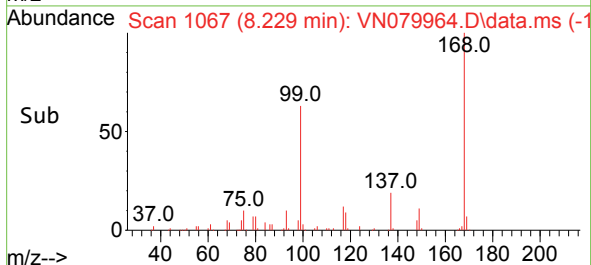
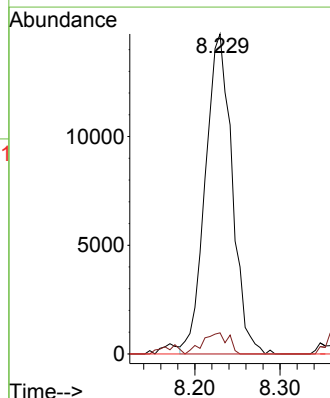
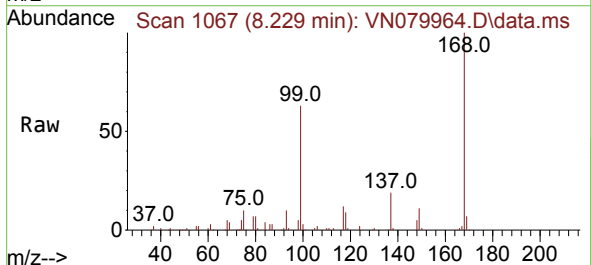
Instrument :
MSVOA_N
ClientSampleId :

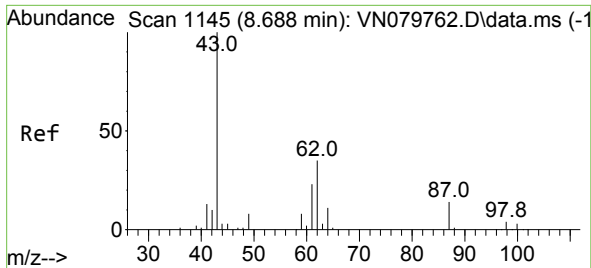
Tgt Ion: 75 Resp: 25872
Ion Ratio Lower Upper
75 100
110 8.8 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.496 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.129 min
Lab File: VN079964.D
Acq: 07 Nov 2023 14:58

Tgt Ion: 117 Resp: 32079
Ion Ratio Lower Upper
117 100
119 6.6 77.3 115.9#
121 0.0 23.3 34.9#

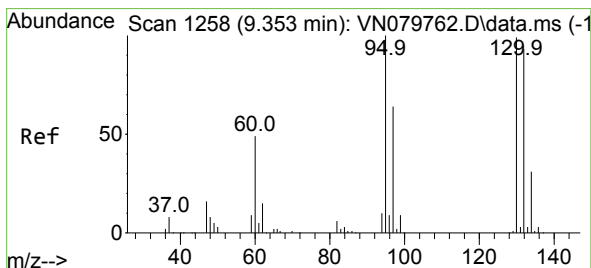
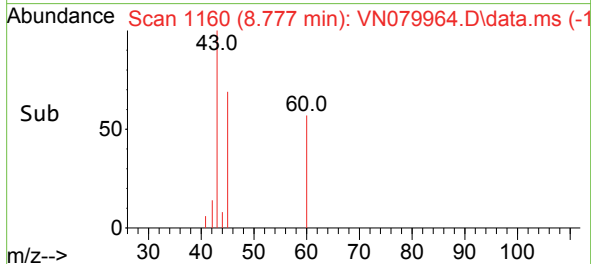
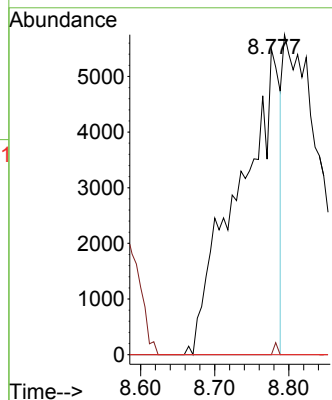
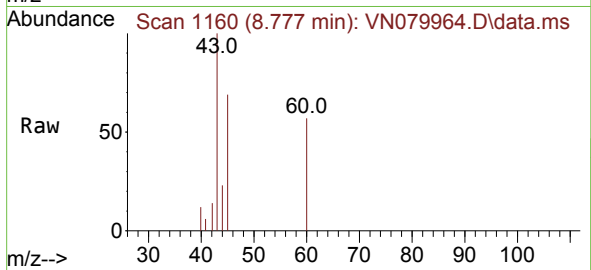




#43
Isopropyl Acetate
Concen: 2.286 ug/l
RT: 8.777 min Scan# 1160
Delta R.T. 0.088 min
Lab File: VN079964.D
Acq: 07 Nov 2023 14:58

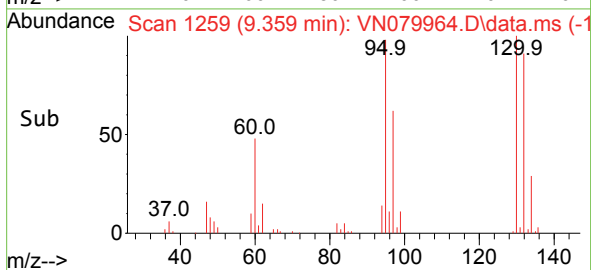
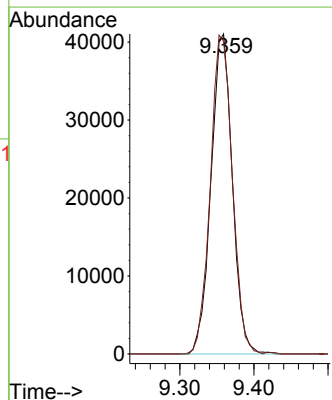
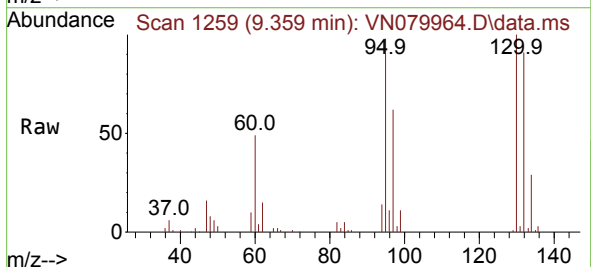
Instrument :
MSVOA_N
ClientSampleId :

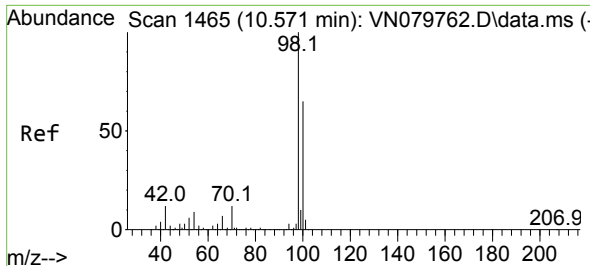
Tgt Ion: 43 Resp: 21292
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#44
Trichloroethene
Concen: 19.079 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN079964.D
Acq: 07 Nov 2023 14:58

Tgt Ion:130 Resp: 82120
Ion Ratio Lower Upper
130 100
95 97.8 0.0 204.6

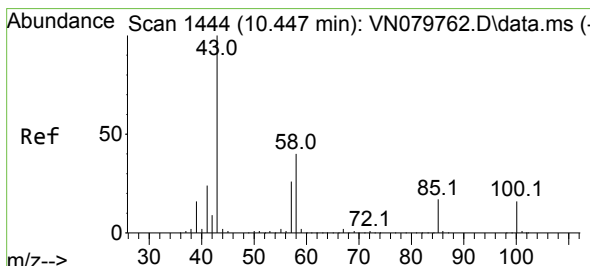
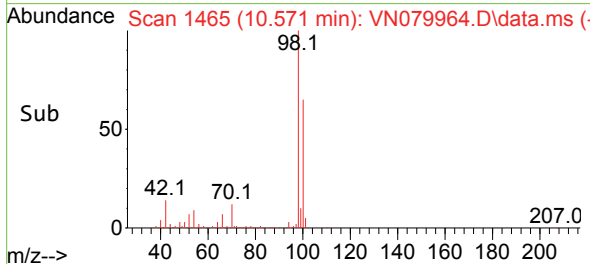
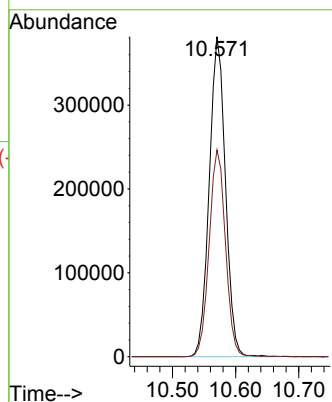
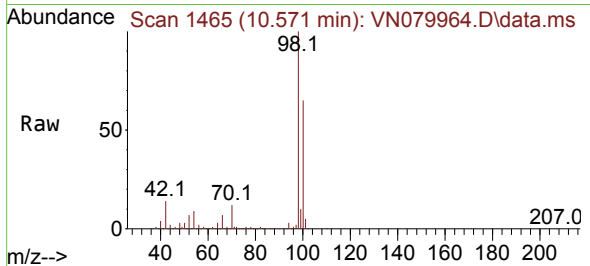




#50
Toluene-d8
Concen: 45.541 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079964.D
Acq: 07 Nov 2023 14:58

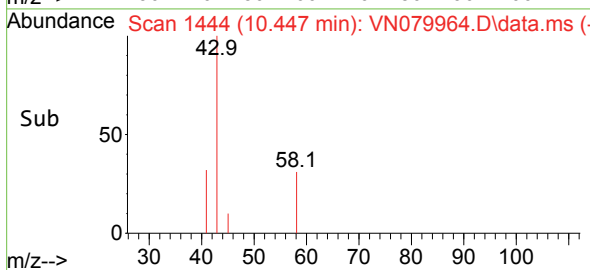
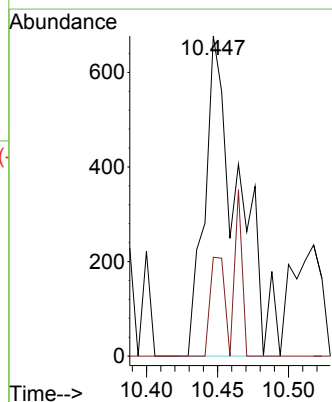
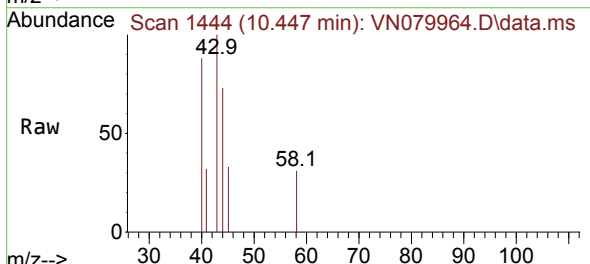
Instrument :
MSVOA_N
ClientSampleId :

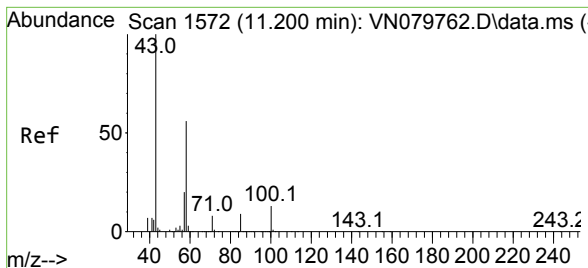
Tgt Ion: 98 Resp: 679996
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.215 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079964.D
Acq: 07 Nov 2023 14:58

Tgt Ion: 43 Resp: 1129
Ion Ratio Lower Upper
43 100
58 0.0 36.6 54.8#

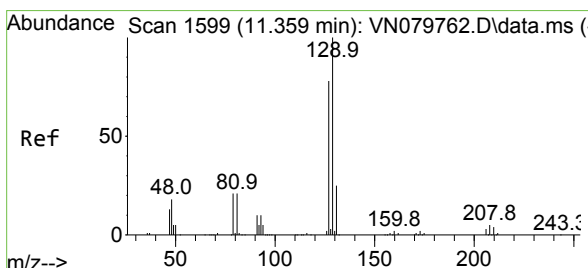
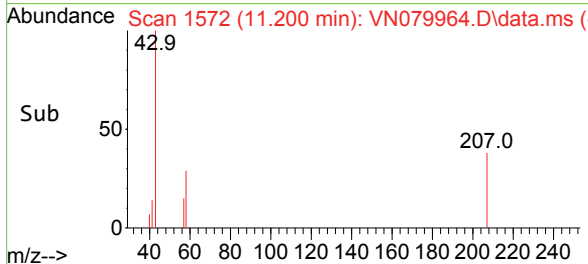
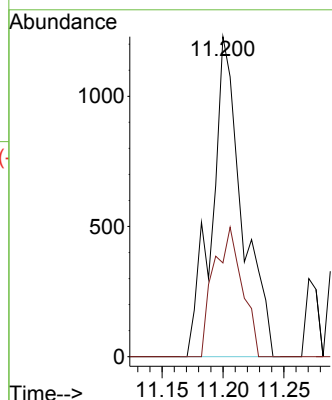
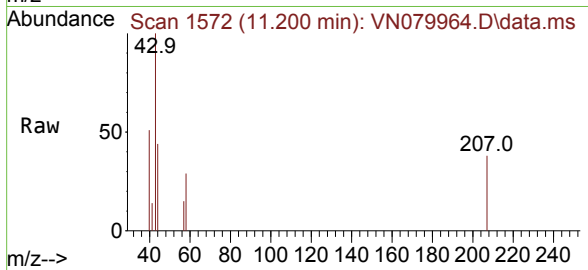




#59
2-Hexanone
Concen: 0.531 ug/l
RT: 11.200 min Scan# 11556
Delta R.T. 0.000 min
Lab File: VN079964.D
Acq: 07 Nov 2023 14:58

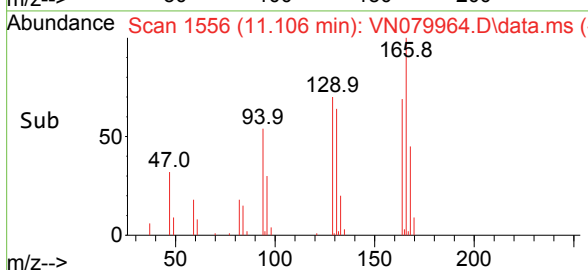
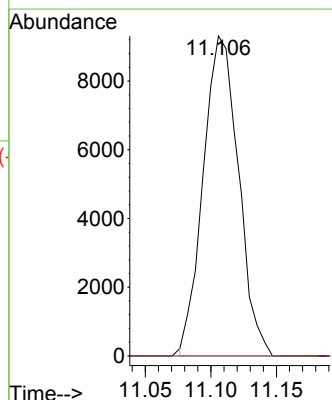
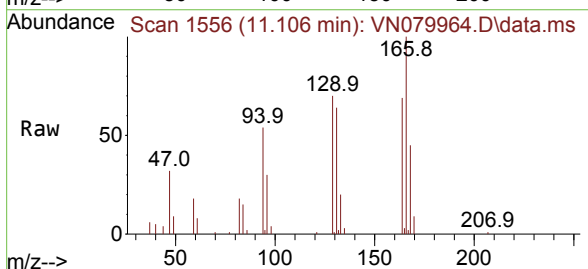
Instrument :
MSVOA_N
ClientSampleId :

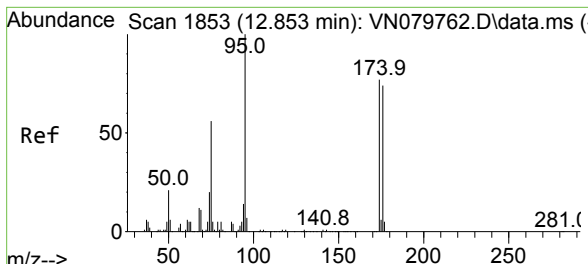
Tgt Ion: 43 Resp: 2130
Ion Ratio Lower Upper
43 100
58 37.9 31.7 95.1



#60
Dibromochloromethane
Concen: 3.933 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.259 min
Lab File: VN079964.D
Acq: 07 Nov 2023 14:58

Tgt Ion: 129 Resp: 17414
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#

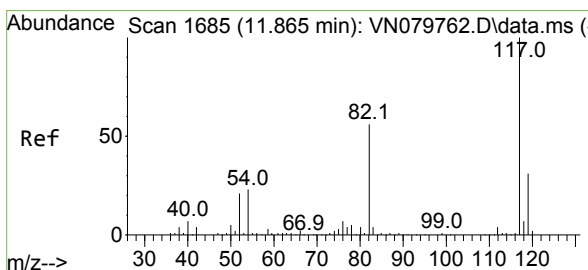
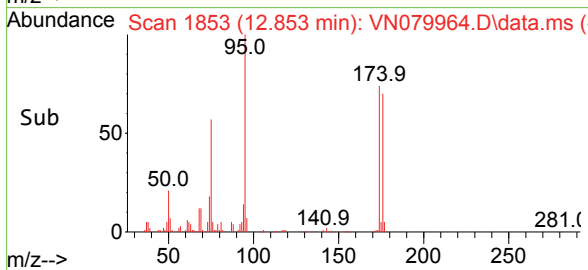
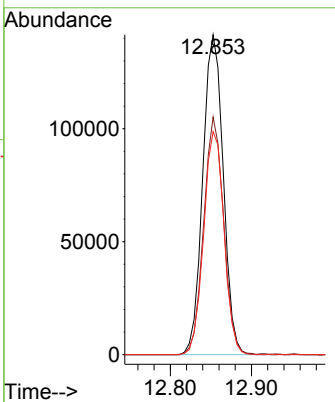
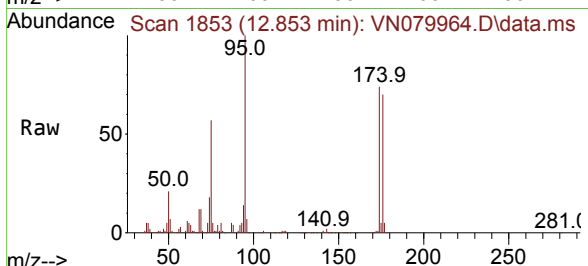




#62
 4-Bromofluorobenzene
 Concen: 50.003 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VN079964.D
 Acq: 07 Nov 2023 14:58

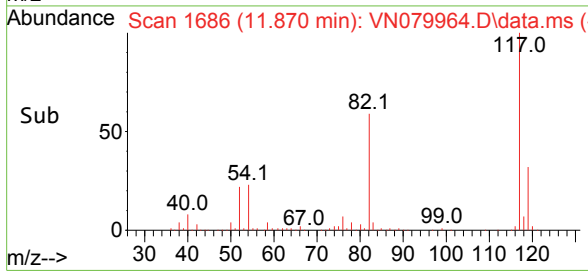
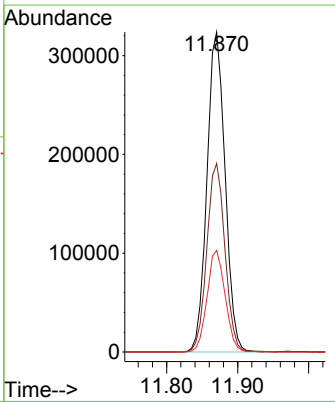
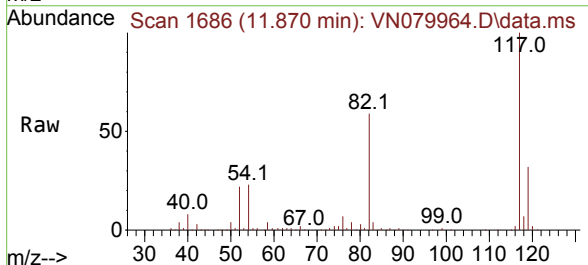
Instrument :
 MSVOA_N
 ClientSampleId :

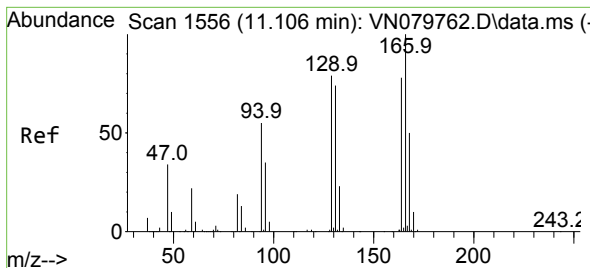
Tgt Ion:	95	Resp:	247614
Ion	Ratio	Lower	Upper
95	100		
174	72.5	0.0	143.8
176	69.3	0.0	135.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.870 min Scan# 1686
 Delta R.T. 0.000 min
 Lab File: VN079964.D
 Acq: 07 Nov 2023 14:58

Tgt Ion:	117	Resp:	572787
Ion	Ratio	Lower	Upper
117	100		
82	58.9	44.0	66.0
119	31.7	25.6	38.4





#64

Tetrachloroethene

Concen: 4.567 ug/l

RT: 11.112 min Scan# 11

Delta R.T. 0.006 min

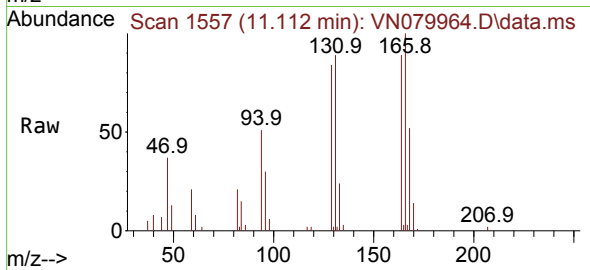
Lab File: VN079964.D

Acq: 07 Nov 2023 14:58

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:164 Resp: 16943

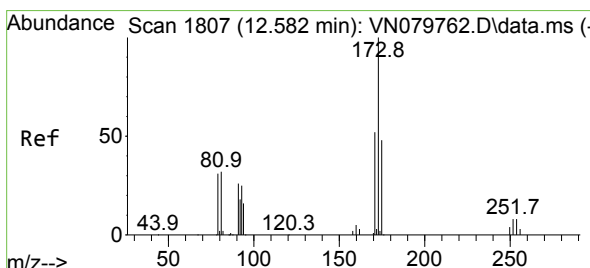
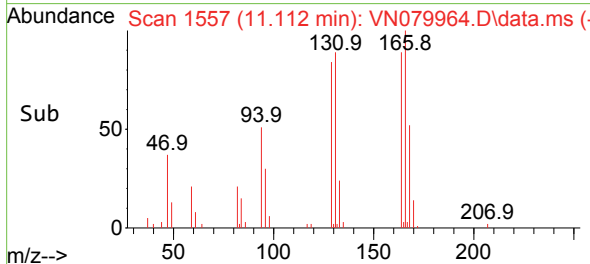
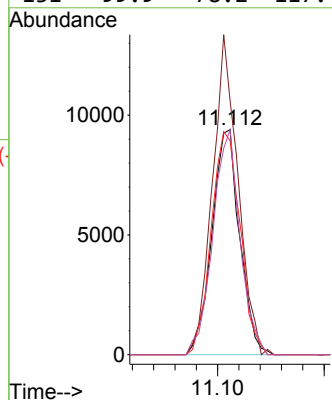
Ion Ratio Lower Upper

164 100

166 112.6 101.4 152.0

129 95.0 82.4 123.6

131 99.9 78.2 117.4



#71

Bromoform

Concen: 0.626 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.271 min

Lab File: VN079964.D

Acq: 07 Nov 2023 14:58

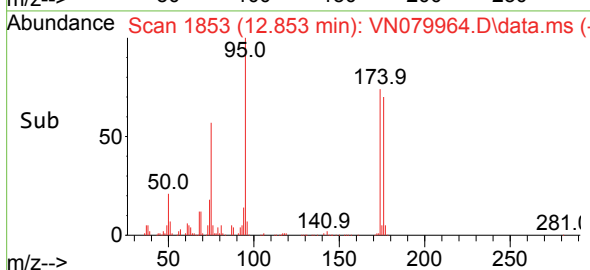
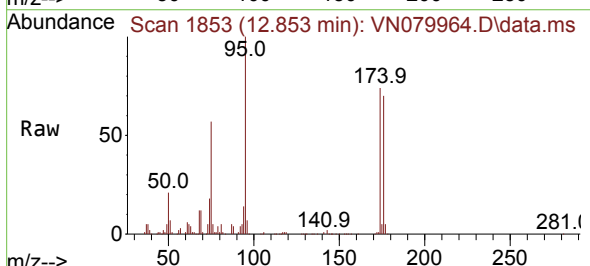
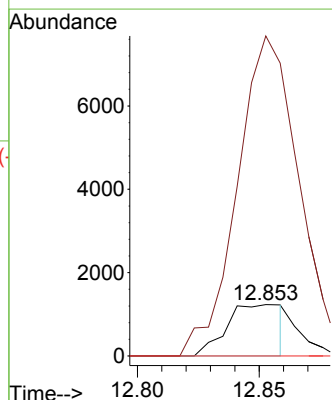
Tgt Ion:173 Resp: 1989

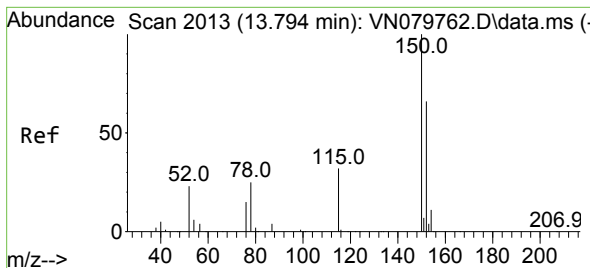
Ion Ratio Lower Upper

173 100

175 507.4 24.3 73.0#

254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

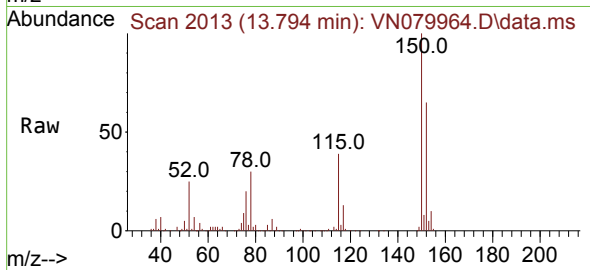
Lab File: VN079964.D

Acq: 07 Nov 2023 14:58

Instrument :

MSVOA_N

ClientSampleId :



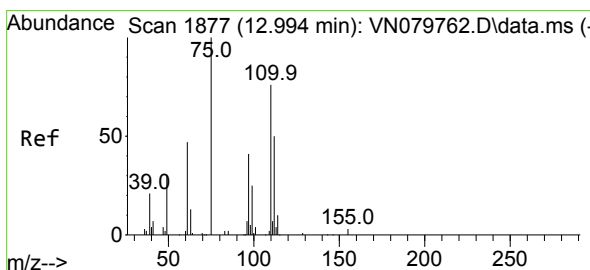
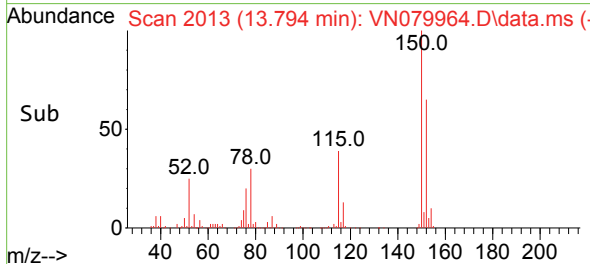
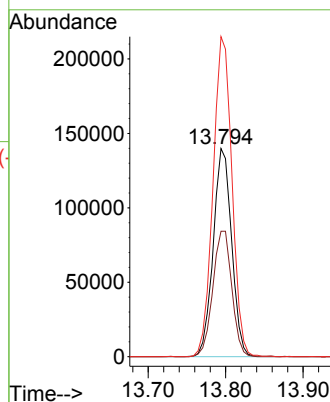
Tgt Ion:152 Resp: 231253

Ion Ratio Lower Upper

152 100

115 62.0 32.3 96.8

150 157.5 0.0 355.8



#76

1,2,3-Trichloropropane

Concen: 24.500 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN079964.D

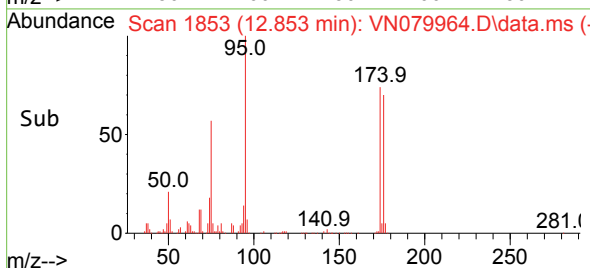
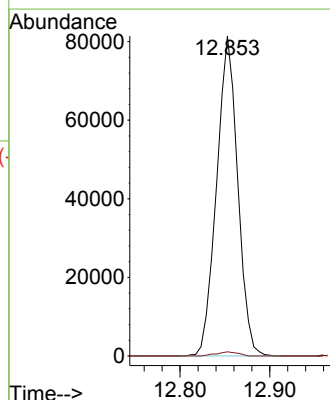
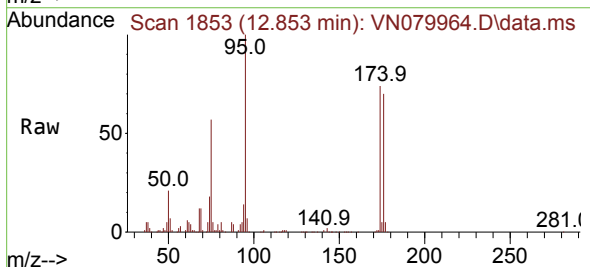
Acq: 07 Nov 2023 14:58

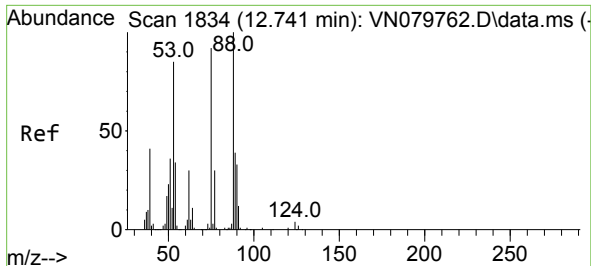
Tgt Ion: 75 Resp: 133016

Ion Ratio Lower Upper

75 100

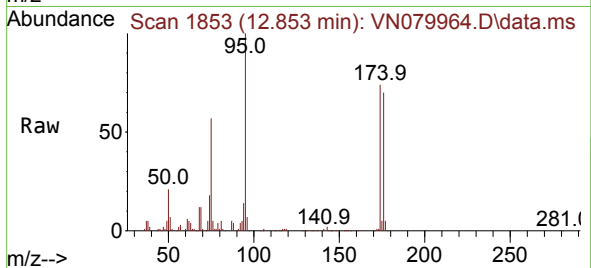
77 1.3 84.5 253.5#



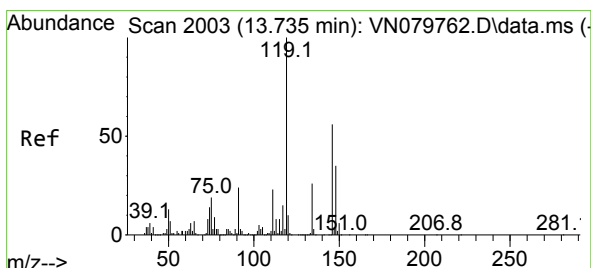
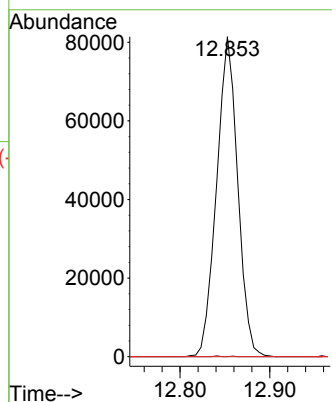
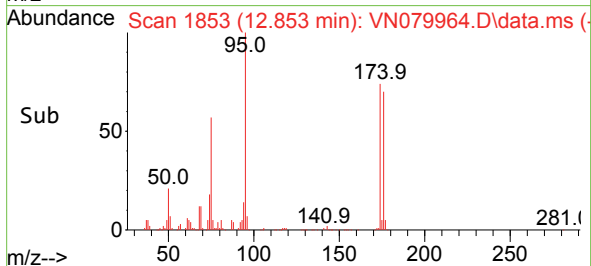


#81
trans-1,4-Dichloro-2-butene
Concen: 66.660 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.118 min
Lab File: VN079964.D
Acq: 07 Nov 2023 14:58

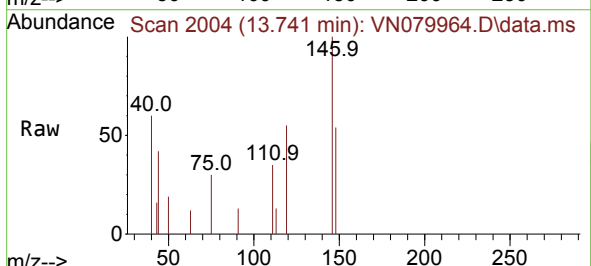
Instrument :
MSVOA_N
ClientSampleId :



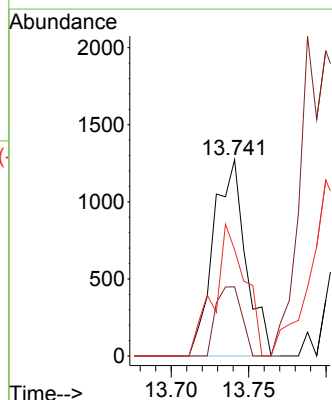
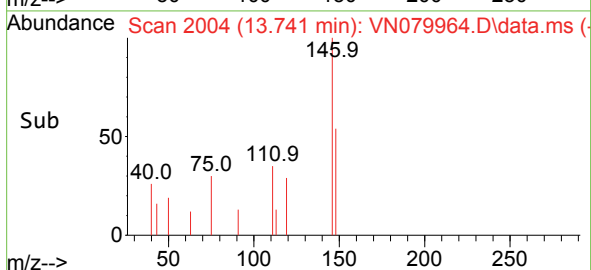
Tgt Ion: 75 Resp: 133016
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

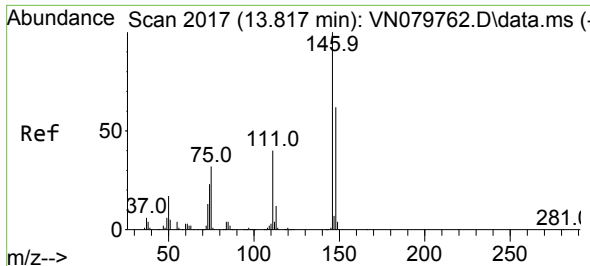


#87
1,3-Dichlorobenzene
Concen: 0.231 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.006 min
Lab File: VN079964.D
Acq: 07 Nov 2023 14:58



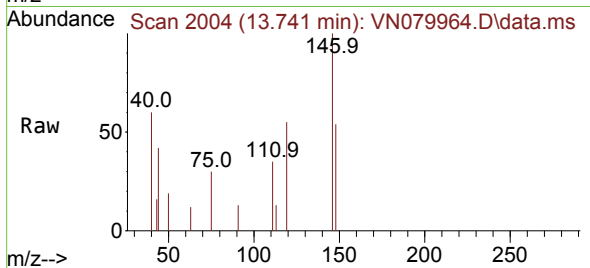
Tgt Ion:146 Resp: 1847
Ion Ratio Lower Upper
146 100
111 28.1 22.1 66.3
148 64.5 32.0 96.0



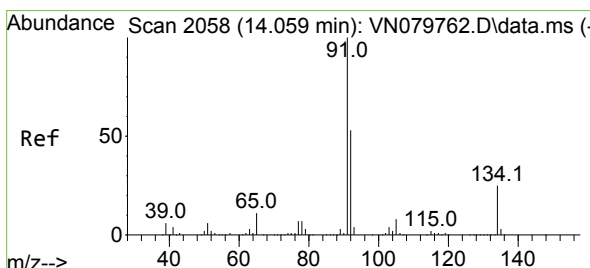
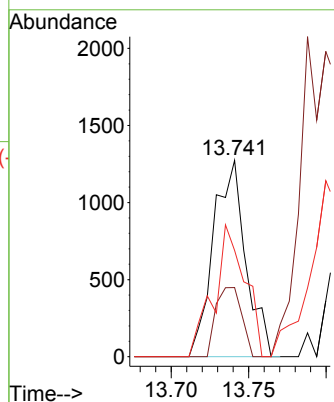
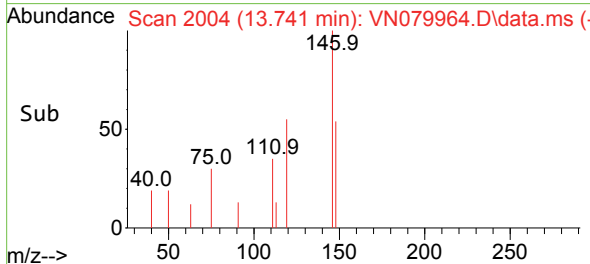


#88
1,4-Dichlorobenzene
Concen: 0.228 ug/l
RT: 13.741 min Scan# 2017
Delta R.T. -0.076 min
Lab File: VN079964.D
Acq: 07 Nov 2023 14:58

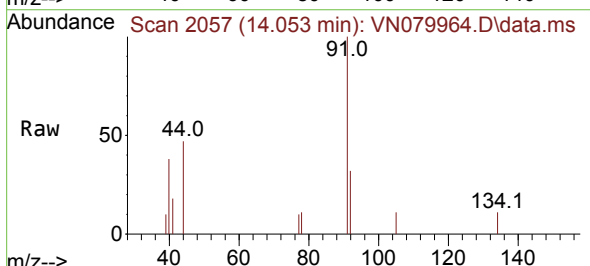
Instrument :
MSVOA_N
ClientSampleId :



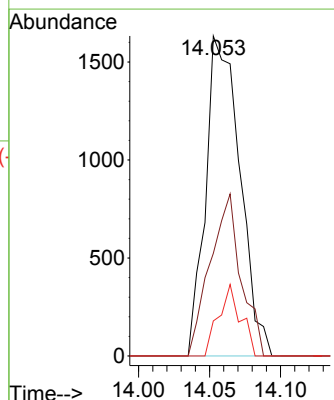
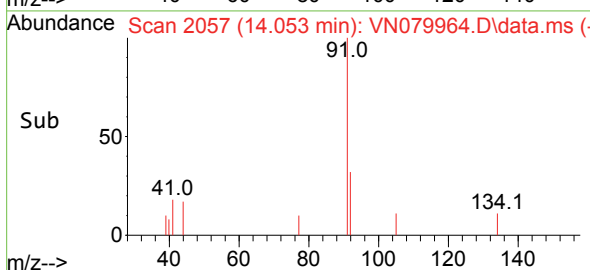
Tgt Ion:146 Resp: 1847
Ion Ratio Lower Upper
146 100
111 28.1 20.6 61.8
148 64.5 31.6 94.8

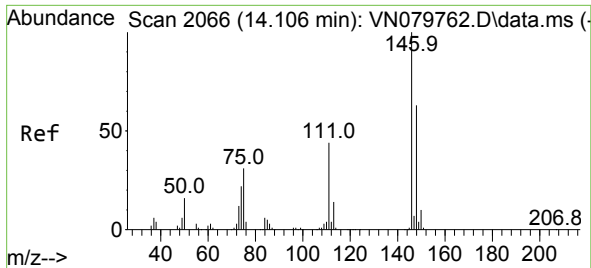


#89
n-Butylbenzene
Concen: 0.251 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.006 min
Lab File: VN079964.D
Acq: 07 Nov 2023 14:58



Tgt Ion: 91 Resp: 2732
Ion Ratio Lower Upper
91 100
92 45.8 26.4 79.0
134 14.5 12.6 37.6





#91

1,2-Dichlorobenzene

Concen: 0.249 ug/l

RT: 14.111 min Scan# 2066

Delta R.T. 0.006 min

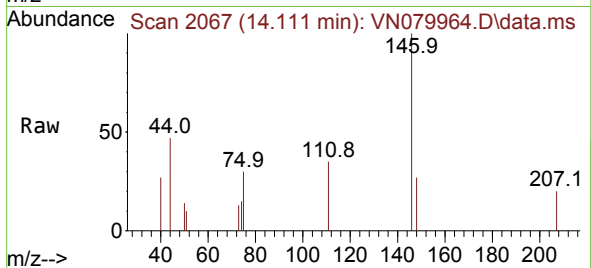
Lab File: VN079964.D

Acq: 07 Nov 2023 14:58

Instrument :

MSVOA_N

ClientSampleId :



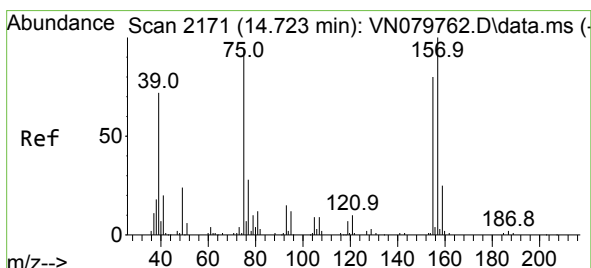
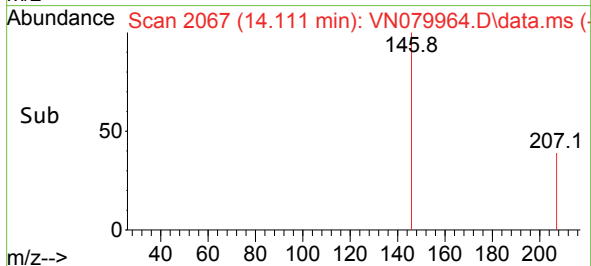
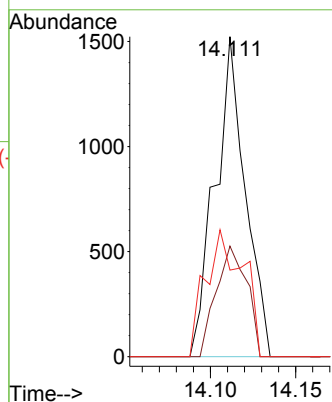
Tgt Ion:146 Resp: 1878

Ion Ratio Lower Upper

146 100

111 35.0 22.0 66.0

148 49.3 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.320 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN079964.D

Acq: 07 Nov 2023 14:58

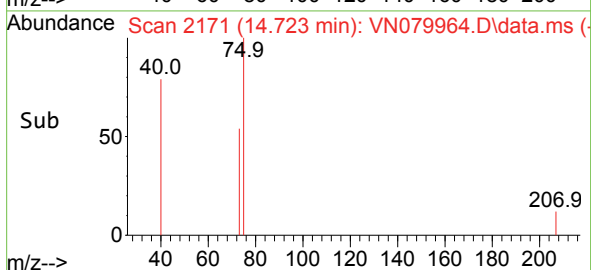
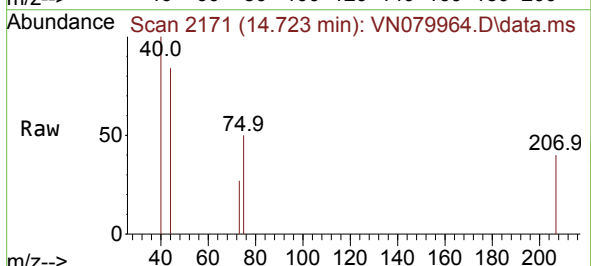
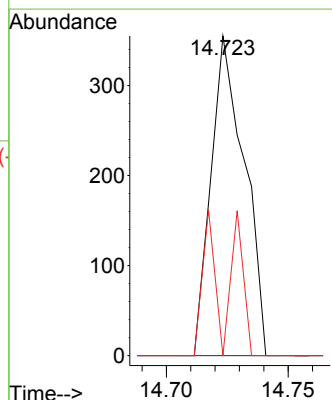
Tgt Ion: 75 Resp: 338

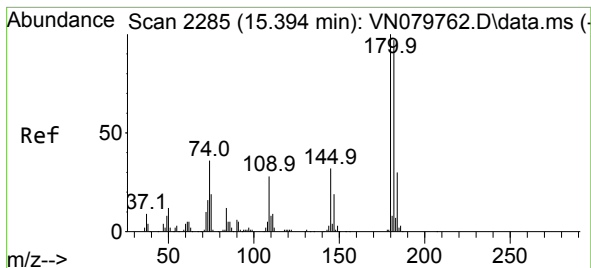
Ion Ratio Lower Upper

75 100

155 0.0 39.1 117.2#

157 33.7 50.3 150.9#





#93

1,2,4-Trichlorobenzene

Concen: 0.619 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN079964.D

Acq: 07 Nov 2023 14:58

Instrument :

MSVOA_N

ClientSampleId :

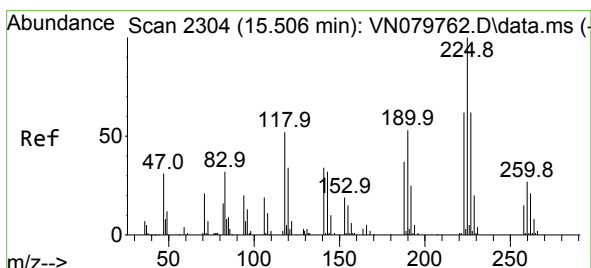
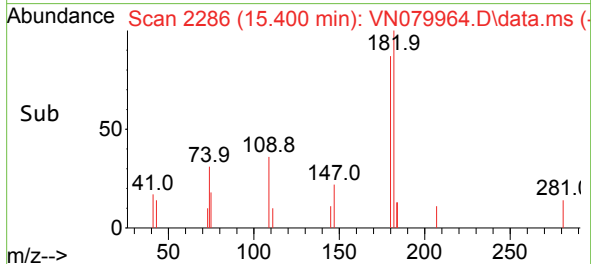
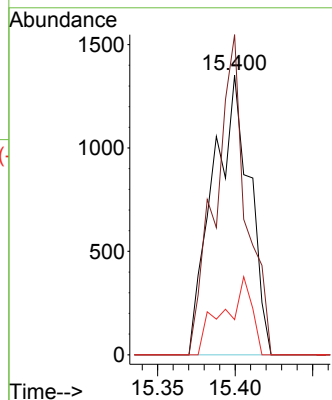
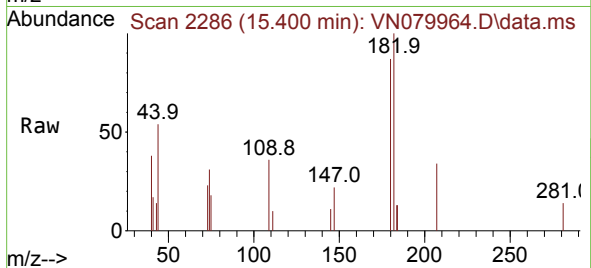
Tgt Ion:180 Resp: 2221

Ion Ratio Lower Upper

180 100

182 96.2 46.1 138.2

145 21.7 16.6 49.8



#94

Hexachlorobutadiene

Concen: 0.542 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.006 min

Lab File: VN079964.D

Acq: 07 Nov 2023 14:58

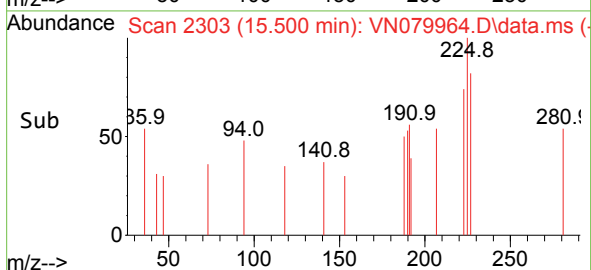
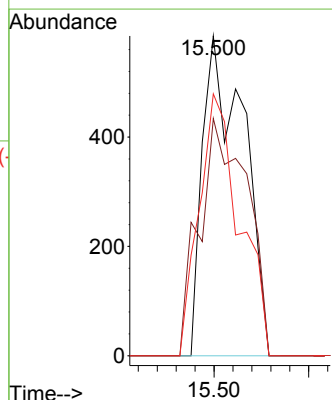
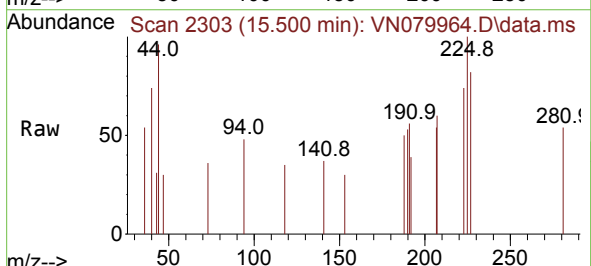
Tgt Ion:225 Resp: 881

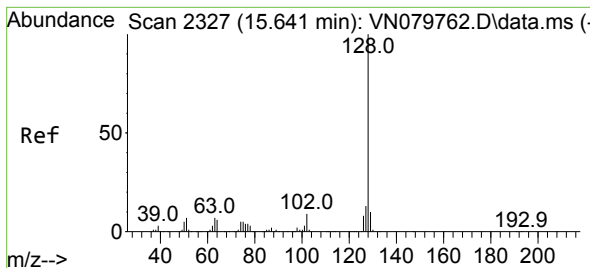
Ion Ratio Lower Upper

225 100

223 86.3 31.3 93.8

227 80.9 31.9 95.9





#95

Naphthalene

Concen: 0.945 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN079964.D

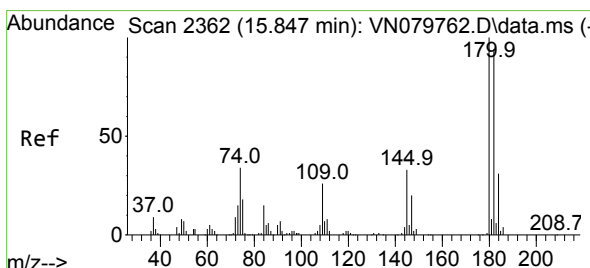
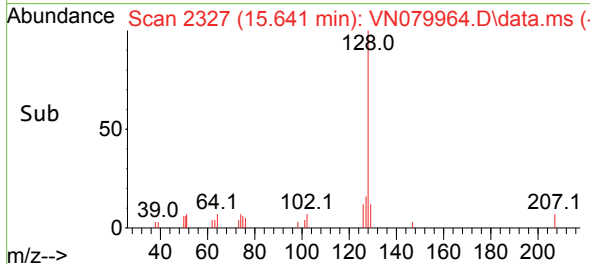
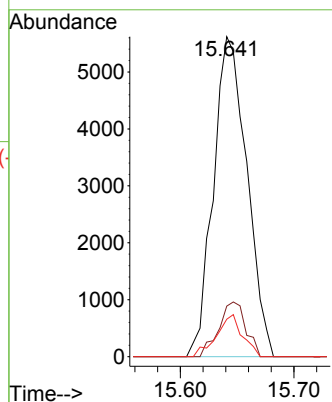
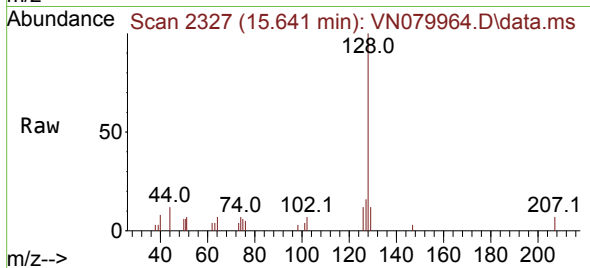
Acq: 07 Nov 2023 14:58

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	128	Resp:	11497
Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.0	15.0
129	10.1	8.7	13.1



#96

1,2,3-Trichlorobenzene

Concen: 0.733 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN079964.D

Acq: 07 Nov 2023 14:58

Tgt Ion:	180	Resp:	2579
Ion	Ratio	Lower	Upper
180	100		
182	83.9	46.2	138.6
145	25.9	17.5	52.6

