

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032723\
 Data File : VN077206.D
 Acq On : 27 Mar 2023 17:07
 Operator : JC\MD
 Sample : VN0327WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0327WBL02

Quant Time: Mar 28 07:28:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032523W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 27 02:47:06 2023
 Response via : Initial Calibration

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

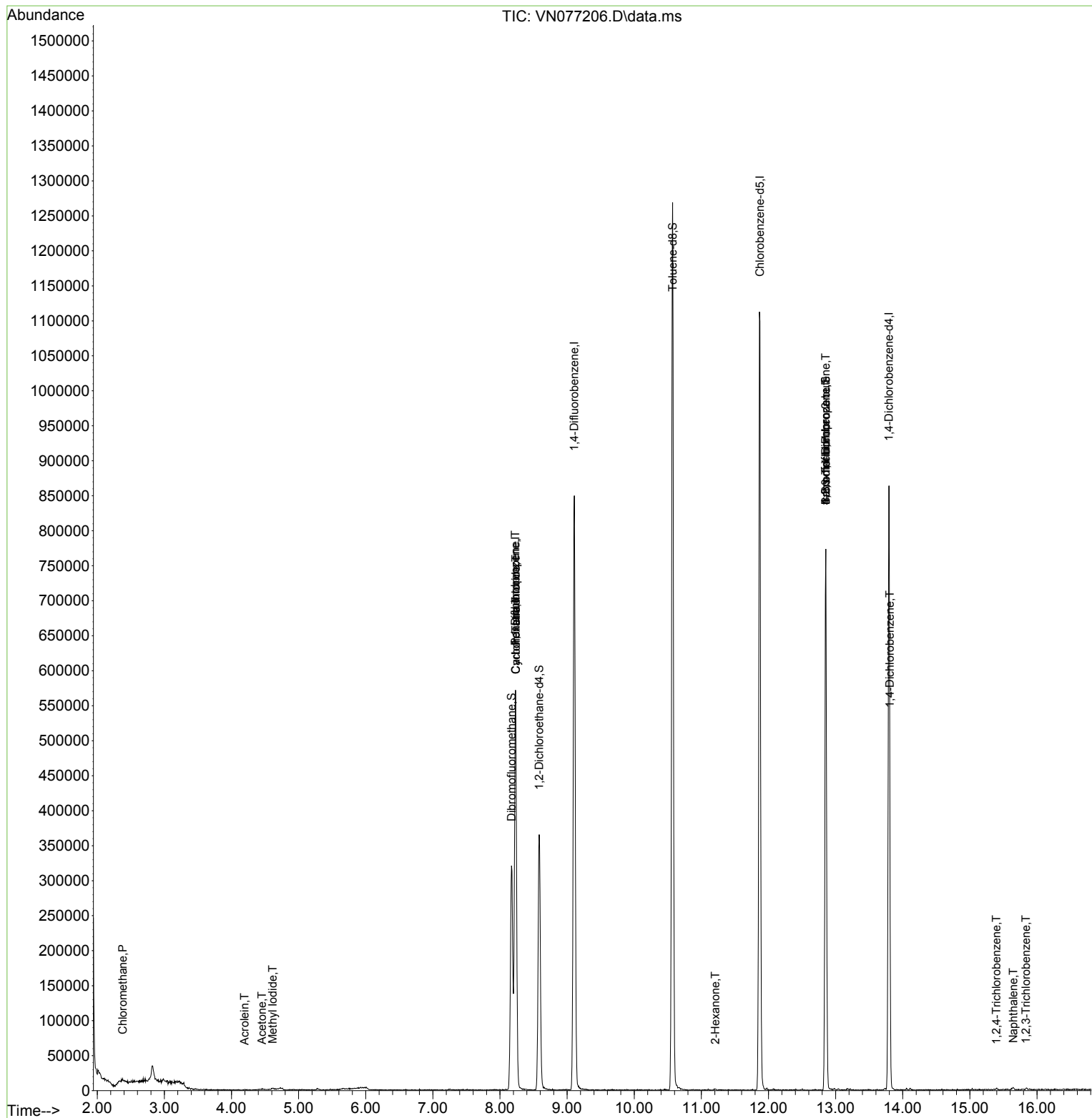
Internal Standards						
1) Pentafluorobenzene	8.231	168	397649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	698592	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	615006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	216372	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	300044	48.259	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.520%		
35) Dibromofluoromethane	8.172	113	231800	48.900	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.800%		
50) Toluene-d8	10.572	98	859351	48.381	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.760%		
62) 4-Bromofluorobenzene	12.854	95	246075	42.213	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	84.420%		
Target Compounds						Qvalue
3) Chloromethane	2.378	50	1797	0.309	ug/l	90
10) Methyl Iodide	4.613	142	1820	0.374	ug/l #	59
13) Acrolein	4.196	56	258	0.217	ug/l #	32
16) Acetone	4.454	43	1405	0.608	ug/l #	88
31) Cyclohexane	8.236	56	10096	1.169	ug/l #	26
36) 1,1-Dichloropropene	8.231	75	35613	5.398	ug/l #	49
38) Carbon Tetrachloride	8.236	117	42410	6.340	ug/l #	17
59) 2-Hexanone	11.207	43	1740	0.324	ug/l	86
71) Bromoform	12.854	173	2308	0.688	ug/l #	1
76) 1,2,3-Trichloropropane	12.854	75	138133	31.471	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	138133	90.702	ug/l #	15
88) 1,4-Dichlorobenzene	13.807	146	1836	0.260	ug/l #	70
93) 1,2,4-Trichlorobenzene	15.395	180	863	4.605	ug/l #	72
95) Naphthalene	15.648	128	3069	6.149	ug/l	96
96) 1,2,3-Trichlorobenzene	15.836	180	341	4.739	ug/l #	11

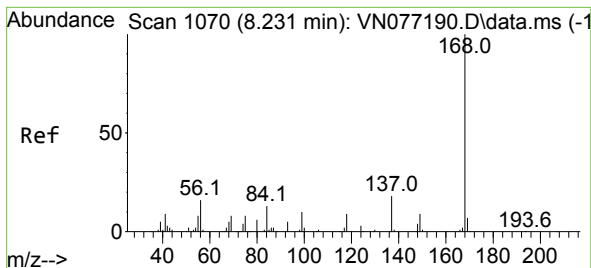
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.231 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077206.D

Acq: 27 Mar 2023 17:07

Instrument :

MSVOA_N

ClientSampleId :

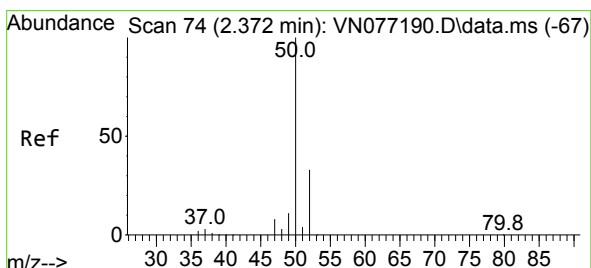
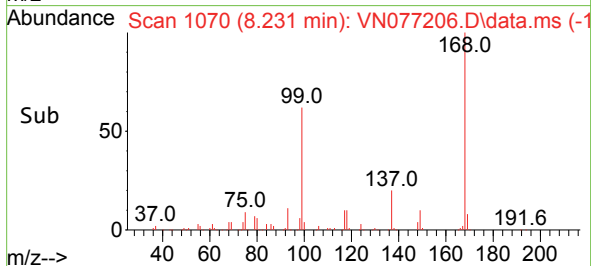
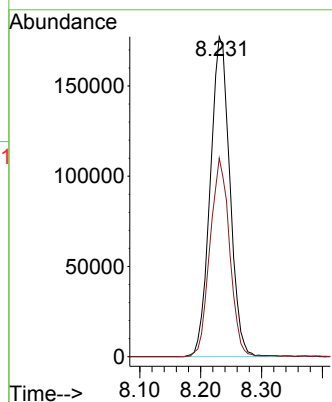
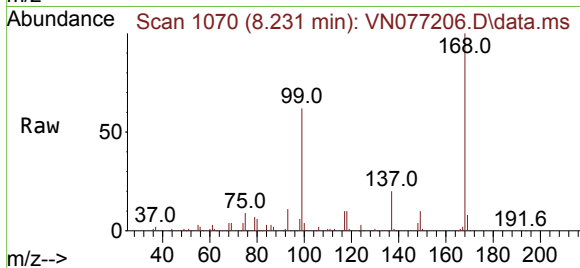
VN0327WBL02

Tgt Ion:168 Resp: 397649

Ion Ratio Lower Upper

168 100

99 62.1 48.6 73.0



#3

Chloromethane

Concen: 0.309 ug/l

RT: 2.378 min Scan# 75

Delta R.T. 0.006 min

Lab File: VN077206.D

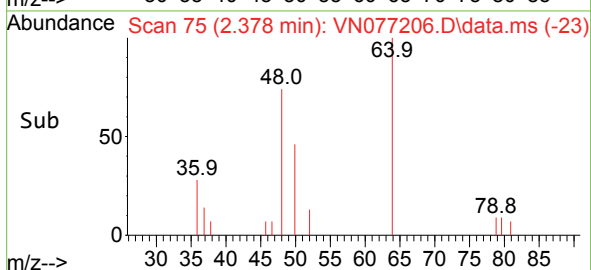
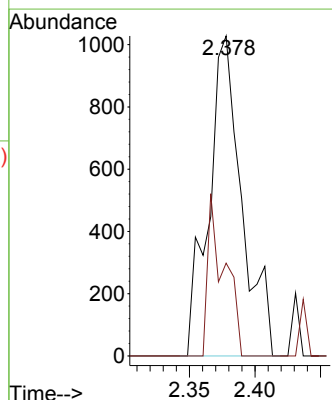
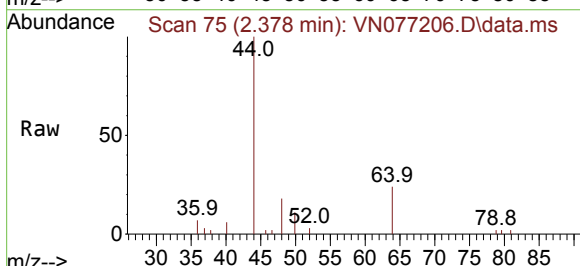
Acq: 27 Mar 2023 17:07

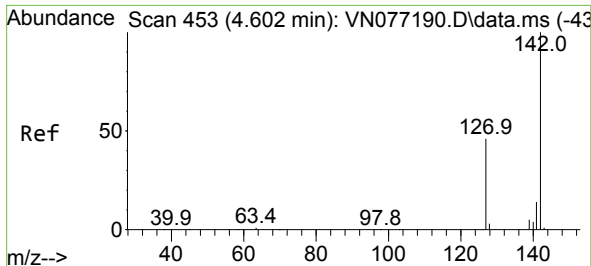
Tgt Ion: 50 Resp: 1797

Ion Ratio Lower Upper

50 100

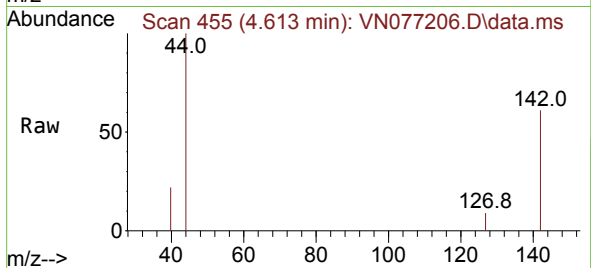
52 29.0 27.9 41.9



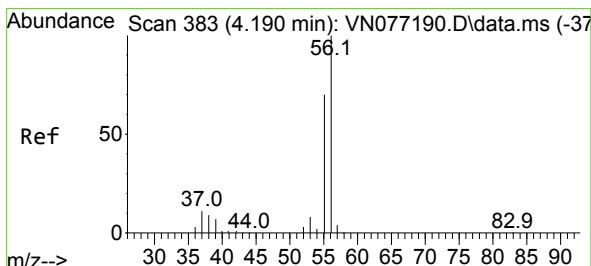
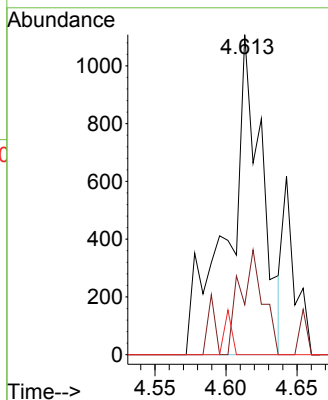
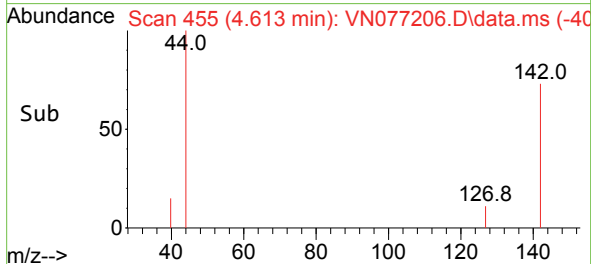


#10
Methyl Iodide
Concen: 0.374 ug/l
RT: 4.613 min Scan# 411
Delta R.T. 0.011 min
Lab File: VN077206.D
Acq: 27 Mar 2023 17:07

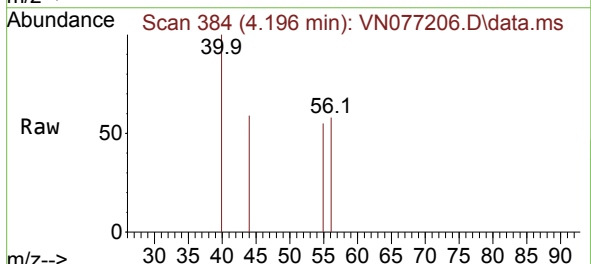
Instrument :
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VN0327WBL02



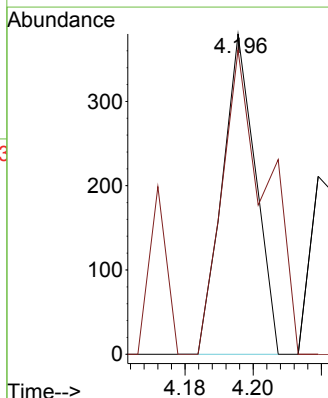
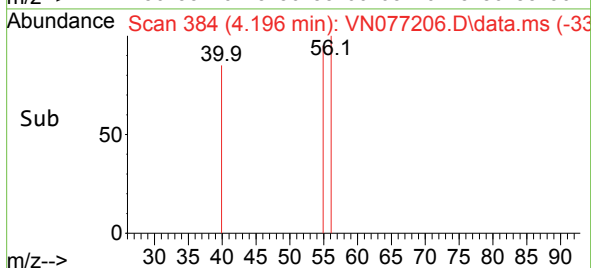
Tgt Ion:142 Resp: 1820
Ion Ratio Lower Upper
142 100
127 15.6 35.2 52.8#
141 0.0 10.2 15.2#

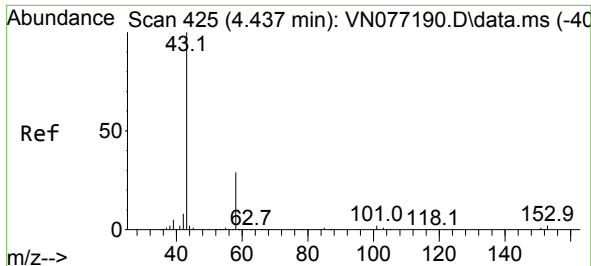


#13
Acrolein
Concen: 0.217 ug/l
RT: 4.196 min Scan# 384
Delta R.T. 0.006 min
Lab File: VN077206.D
Acq: 27 Mar 2023 17:07



Tgt Ion: 56 Resp: 258
Ion Ratio Lower Upper
56 100
55 126.7 56.7 85.1#

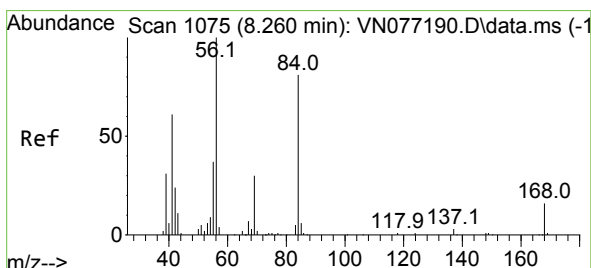
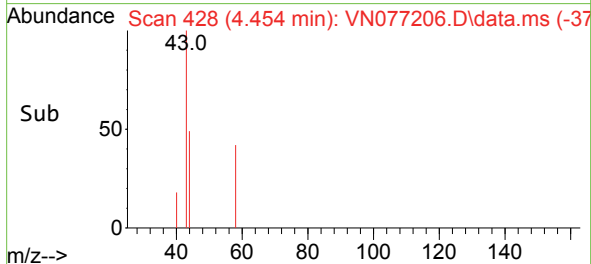
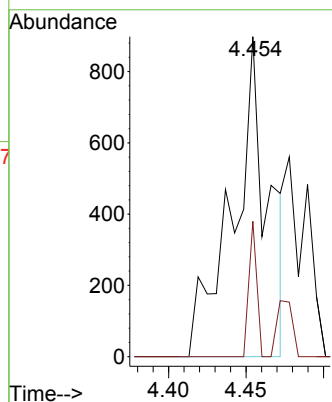
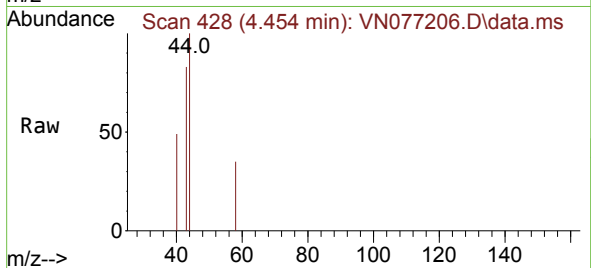




#16
Acetone
Concen: 0.608 ug/l
RT: 4.454 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN077206.D
Acq: 27 Mar 2023 17:07

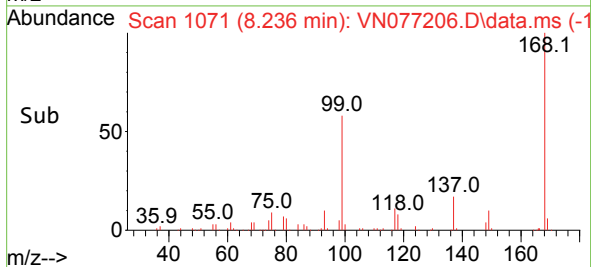
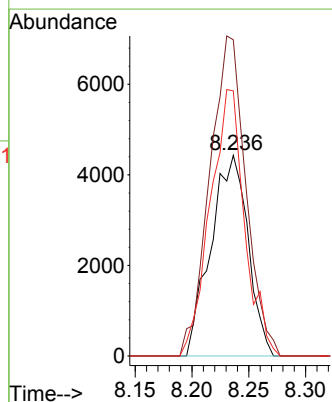
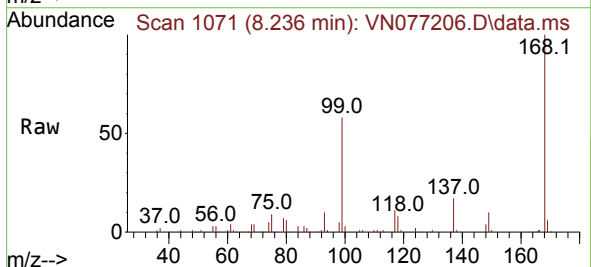
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBL02

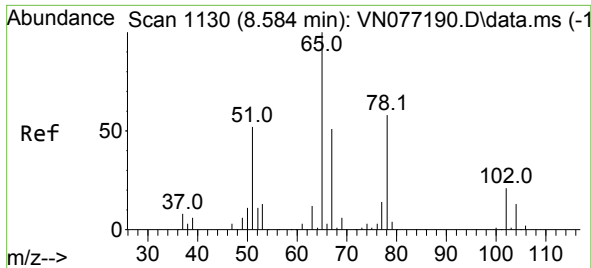
Tgt Ion: 43 Resp: 1405
Ion Ratio Lower Upper
43 100
58 42.3 28.2 42.2#



#31
Cyclohexane
Concen: 1.169 ug/l
RT: 8.236 min Scan# 1071
Delta R.T. -0.024 min
Lab File: VN077206.D
Acq: 27 Mar 2023 17:07

Tgt Ion: 56 Resp: 10096
Ion Ratio Lower Upper
56 100
69 157.5 27.0 40.6#
84 132.1 82.9 124.3#

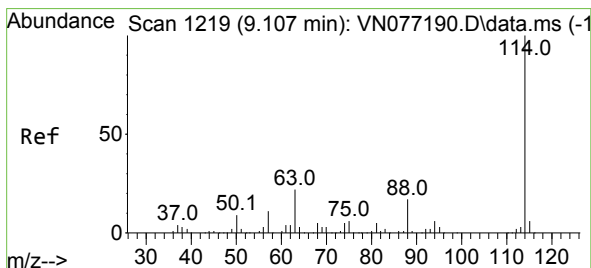
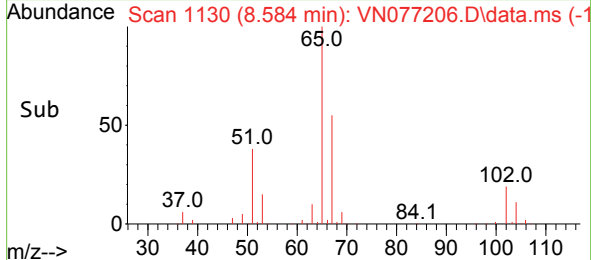
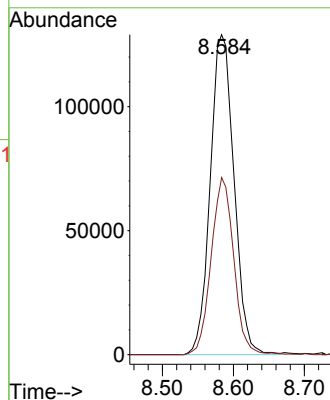
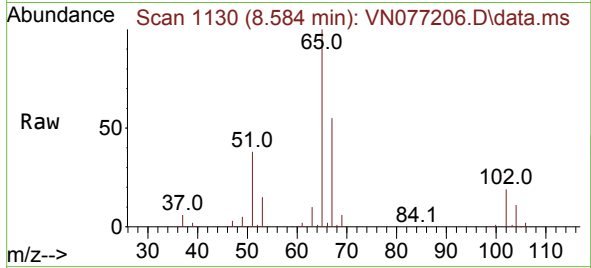




#33
 1,2-Dichloroethane-d4
 Concen: 48.259 ug/l
 RT: 8.584 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VN077206.D
 Acq: 27 Mar 2023 17:07

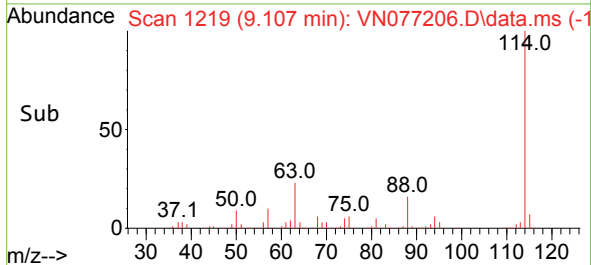
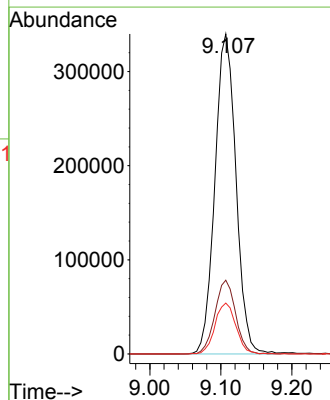
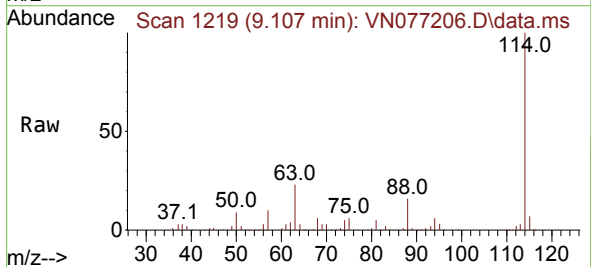
Instrument :
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 ClientSampleId :
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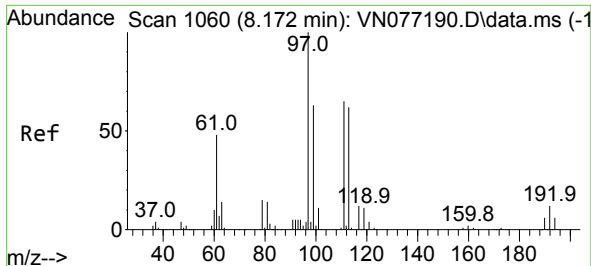
Tgt Ion: 65 Resp: 300044
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.107 min Scan# 1219
 Delta R.T. -0.000 min
 Lab File: VN077206.D
 Acq: 27 Mar 2023 17:07

Tgt Ion: 114 Resp: 698592
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 36.6
 88 15.9 0.0 28.6

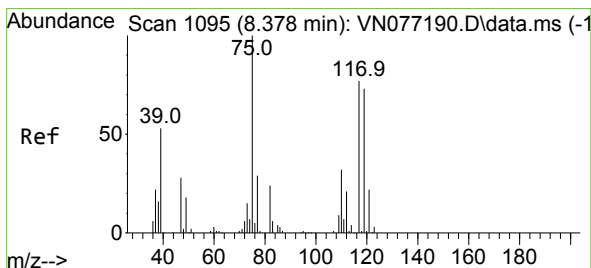
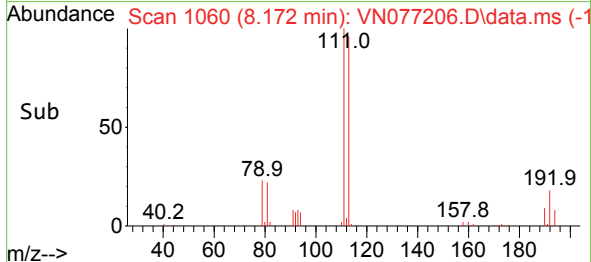
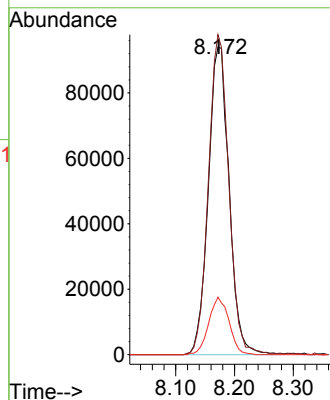
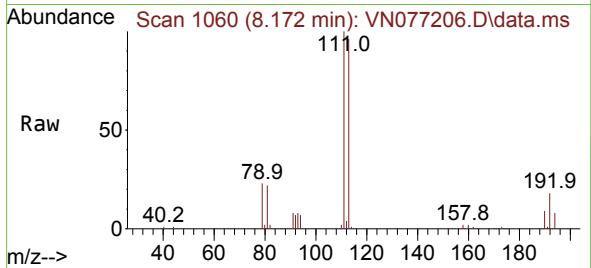




#35
Dibromofluoromethane
Concen: 48.900 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077206.D
Acq: 27 Mar 2023 17:07

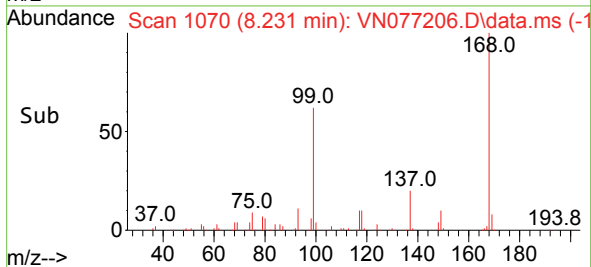
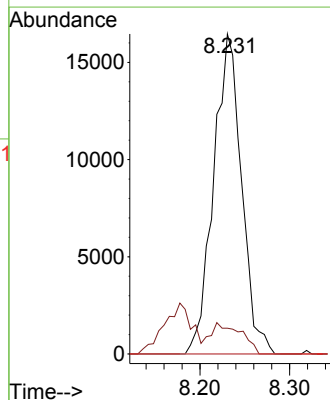
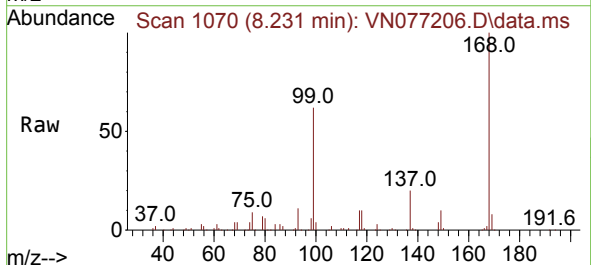
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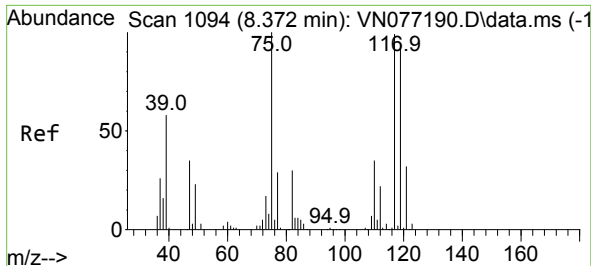
Tgt Ion:113 Resp: 231800
Ion Ratio Lower Upper
113 100
111 101.6 81.8 122.8
192 18.2 13.9 20.9



#36
1,1-Dichloropropene
Concen: 5.398 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.147 min
Lab File: VN077206.D
Acq: 27 Mar 2023 17:07

Tgt Ion: 75 Resp: 35613
Ion Ratio Lower Upper
75 100
110 9.9 18.9 56.9#
77 0.0 24.9 37.3#

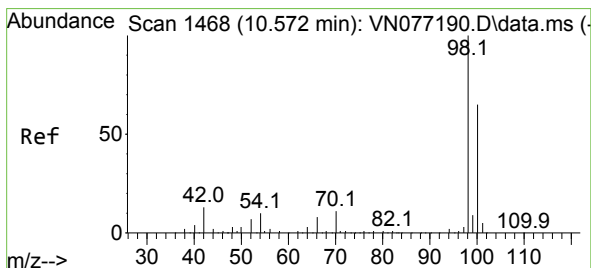
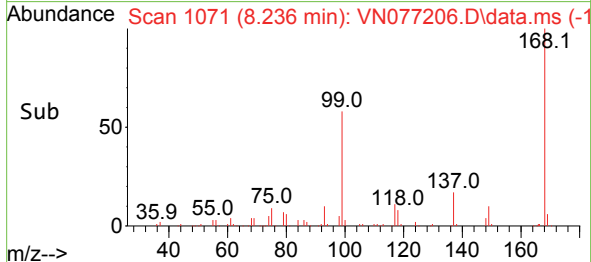
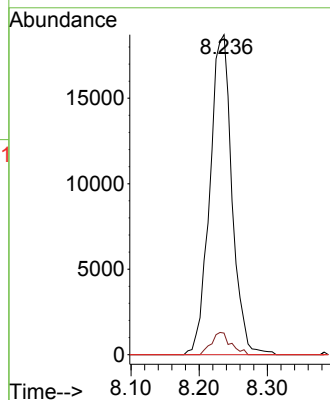
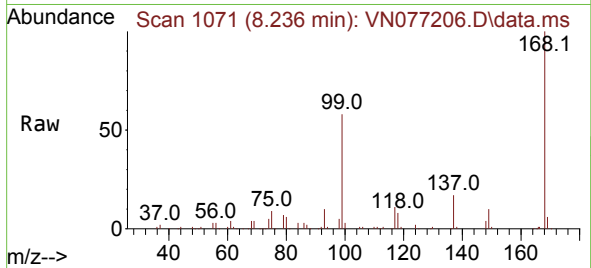




#38
Carbon Tetrachloride
Concen: 6.340 ug/l
RT: 8.236 min Scan# 1094
Delta R.T. -0.136 min
Lab File: VN077206.D
Acq: 27 Mar 2023 17:07

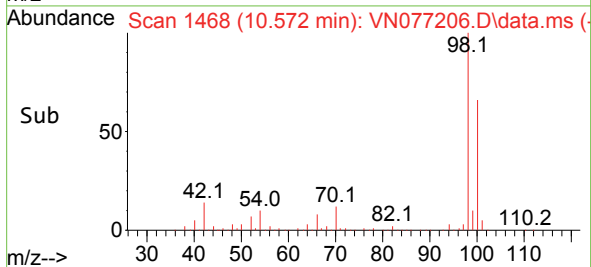
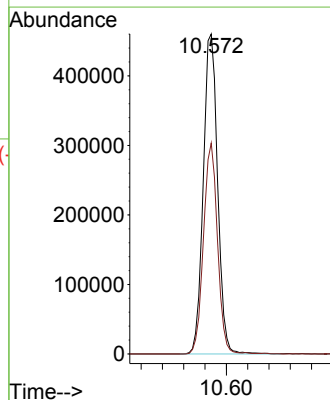
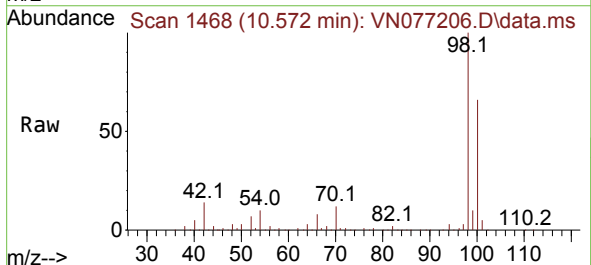
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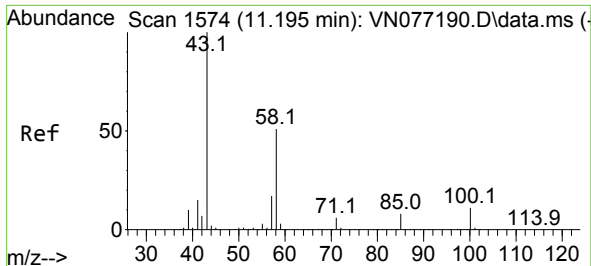
Tgt Ion:117 Resp: 42410
Ion Ratio Lower Upper
117 100
119 6.8 76.9 115.3#
121 0.0 23.2 34.8#



#50
Toluene-d8
Concen: 48.381 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077206.D
Acq: 27 Mar 2023 17:07

Tgt Ion: 98 Resp: 859351
Ion Ratio Lower Upper
98 100
100 64.3 52.8 79.2

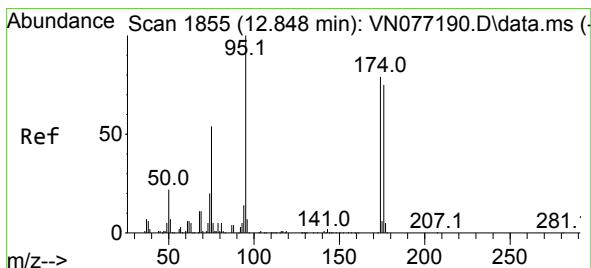
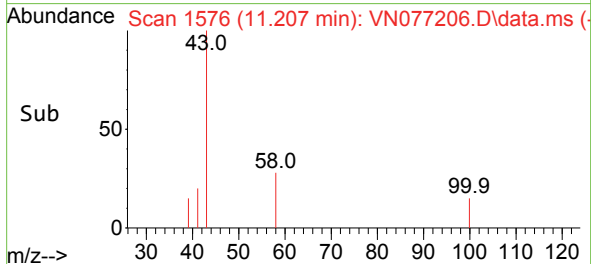
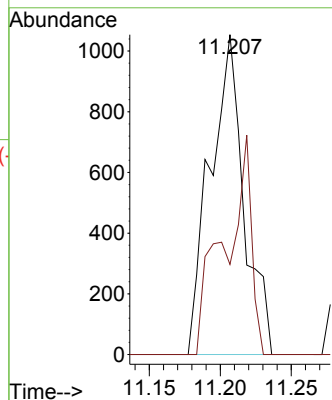
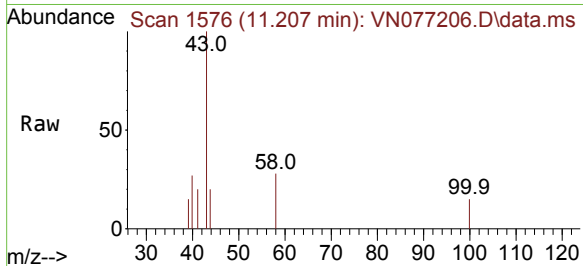




#59
2-Hexanone
Concen: 0.324 ug/l
RT: 11.207 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN077206.D
Acq: 27 Mar 2023 17:07

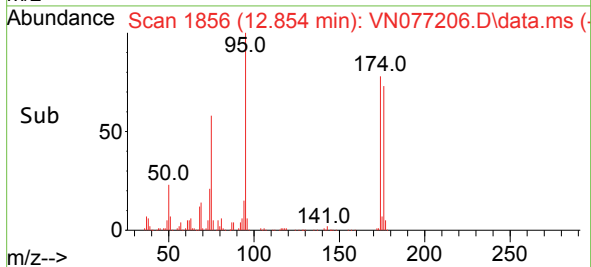
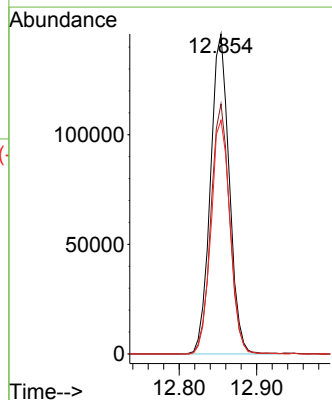
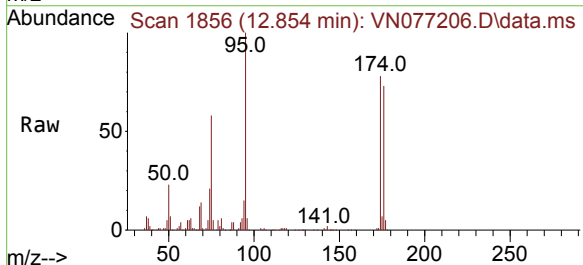
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBL02

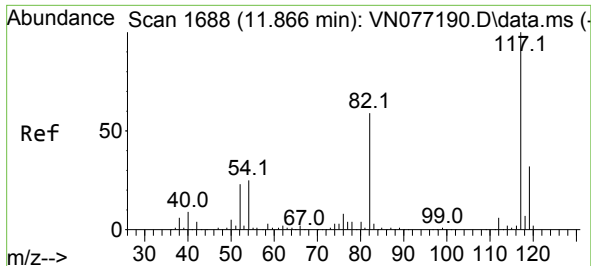
Tgt Ion: 43 Resp: 1740
Ion Ratio Lower Upper
43 100
58 54.5 32.6 98.0



#62
4-Bromofluorobenzene
Concen: 42.213 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077206.D
Acq: 27 Mar 2023 17:07

Tgt Ion: 95 Resp: 246075
Ion Ratio Lower Upper
95 100
174 77.7 0.0 162.4
176 74.6 0.0 157.4

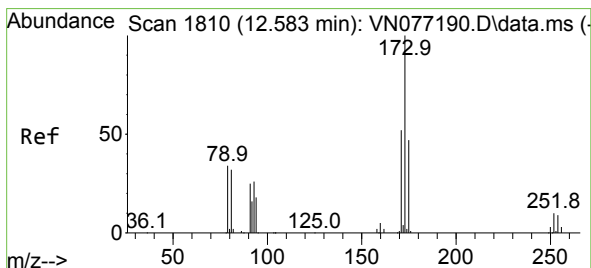
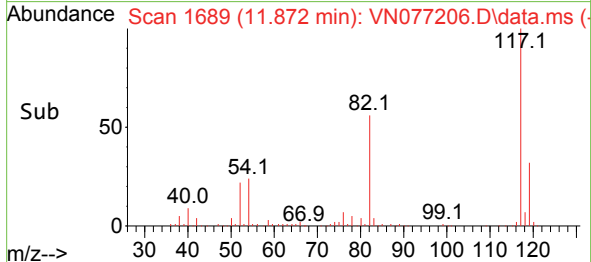
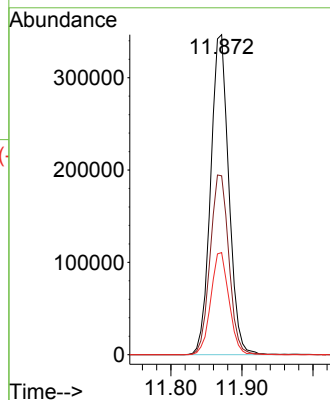
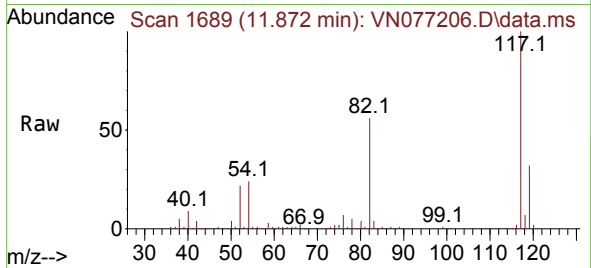




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077206.D
Acq: 27 Mar 2023 17:07

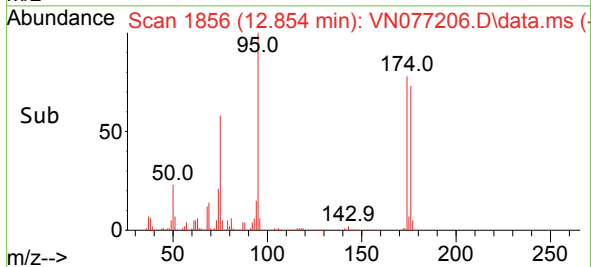
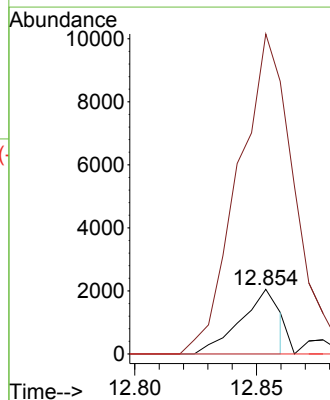
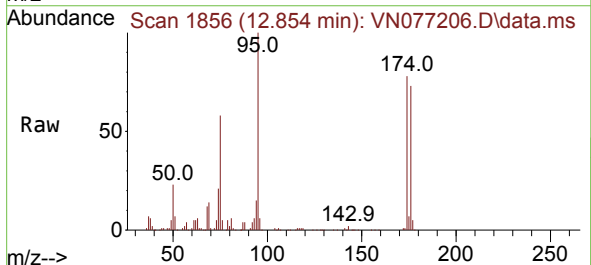
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBL02

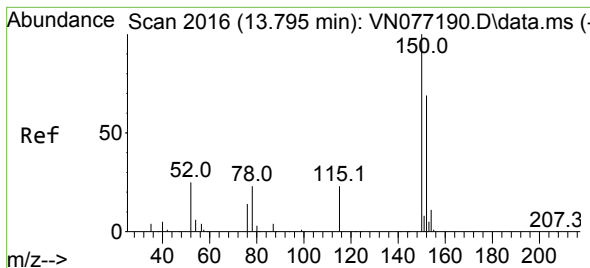
Tgt Ion:117 Resp: 615006
Ion Ratio Lower Upper
117 100
82 55.9 43.5 65.3
119 31.9 25.5 38.3



#71
Bromoform
Concen: 0.688 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.271 min
Lab File: VN077206.D
Acq: 27 Mar 2023 17:07

Tgt Ion:173 Resp: 2308
Ion Ratio Lower Upper
173 100
175 555.7 24.9 74.6#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN077206.D

Acq: 27 Mar 2023 17:07

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBL02

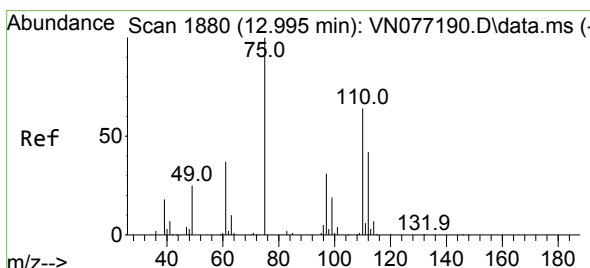
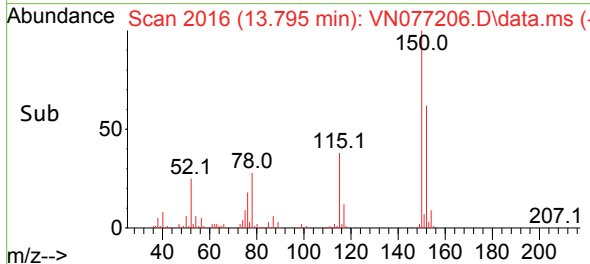
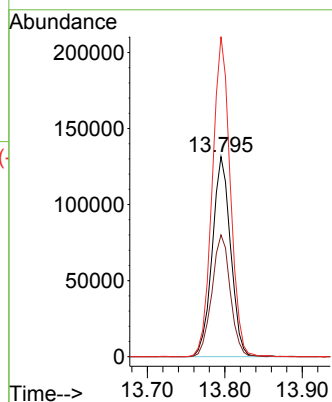
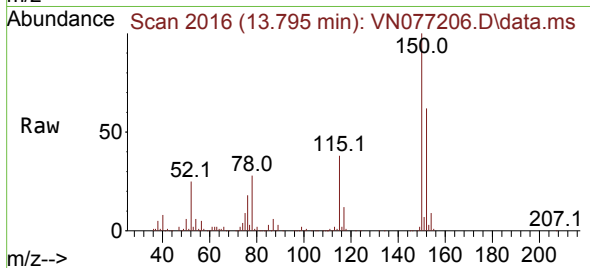
Tgt Ion:152 Resp: 216372

Ion Ratio Lower Upper

152 100

115 61.0 30.3 90.9

150 156.7 0.0 353.6



#76

1,2,3-Trichloropropane

Concen: 31.471 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. -0.141 min

Lab File: VN077206.D

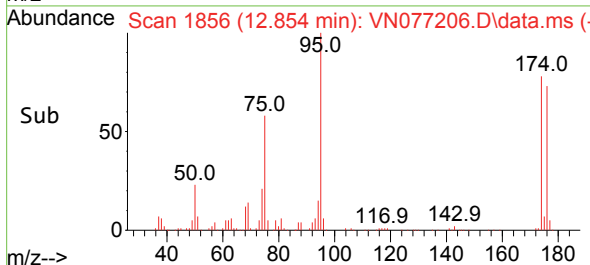
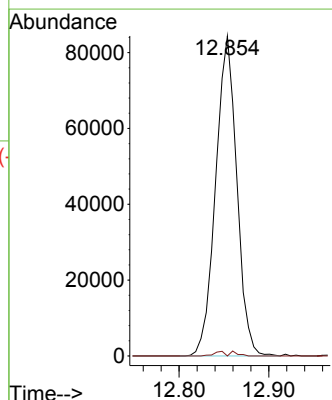
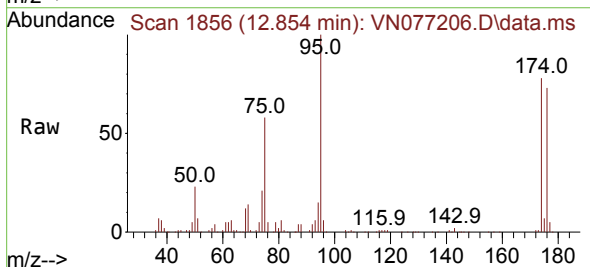
Acq: 27 Mar 2023 17:07

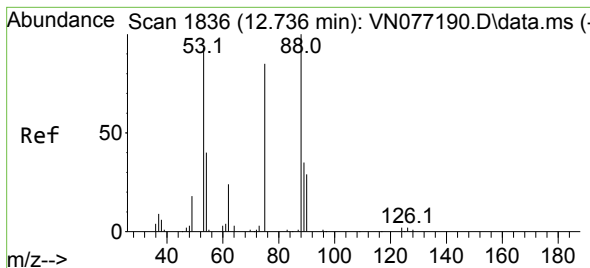
Tgt Ion: 75 Resp: 138133

Ion Ratio Lower Upper

75 100

77 0.7 93.8 281.4#

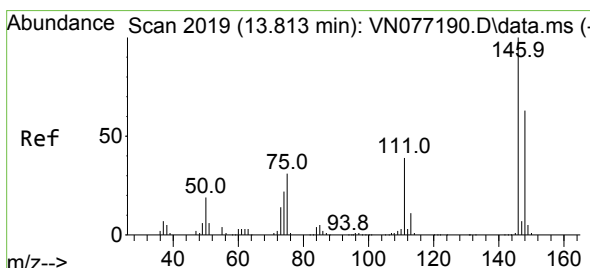
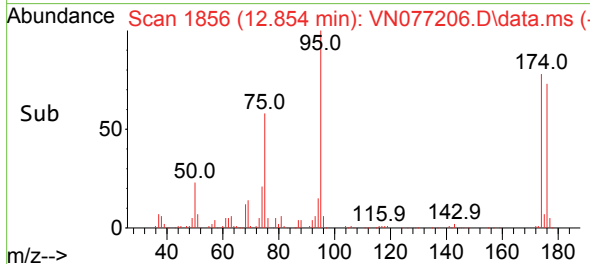
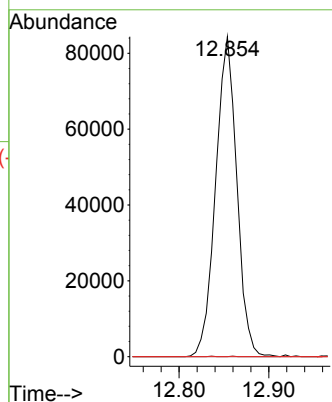
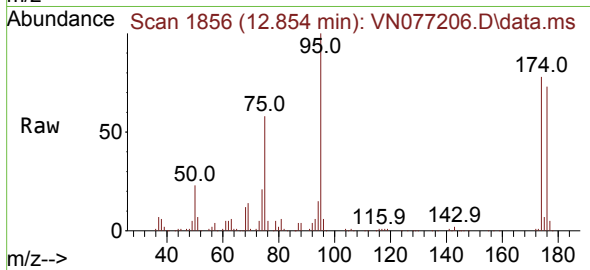




#81
trans-1,4-Dichloro-2-butene
Concen: 90.702 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.118 min
Lab File: VN077206.D
Acq: 27 Mar 2023 17:07

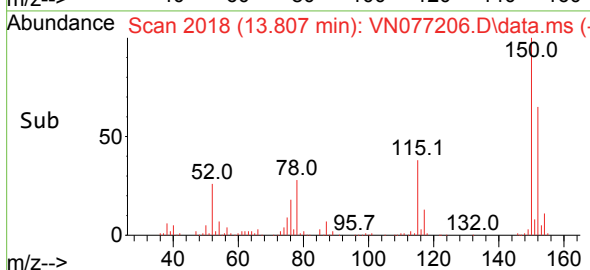
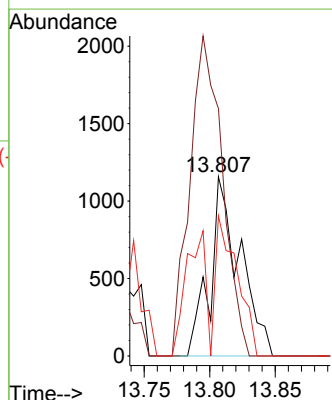
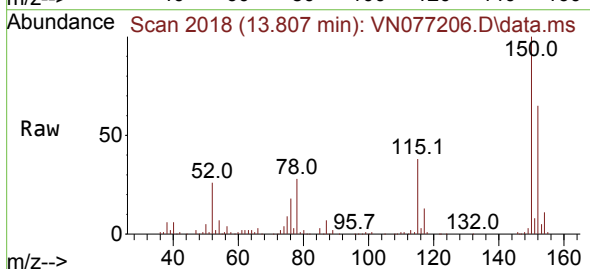
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBL02

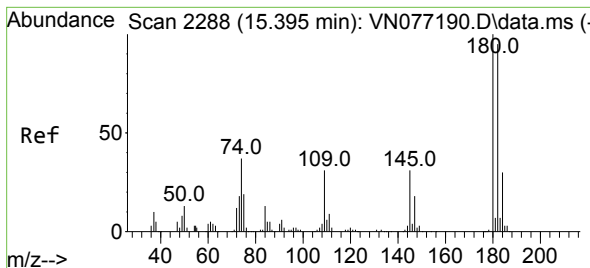
Tgt Ion: 75 Resp: 138133
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.0#
89 0.0 39.5 59.3#



#88
1,4-Dichlorobenzene
Concen: 0.260 ug/l
RT: 13.807 min Scan# 2018
Delta R.T. -0.006 min
Lab File: VN077206.D
Acq: 27 Mar 2023 17:07

Tgt Ion:146 Resp: 1836
Ion Ratio Lower Upper
146 100
111 0.0 20.0 60.0#
148 56.7 31.8 95.4





#93

1,2,4-Trichlorobenzene

Concen: 4.605 ug/l

RT: 15.395 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077206.D

Acq: 27 Mar 2023 17:07

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBL02

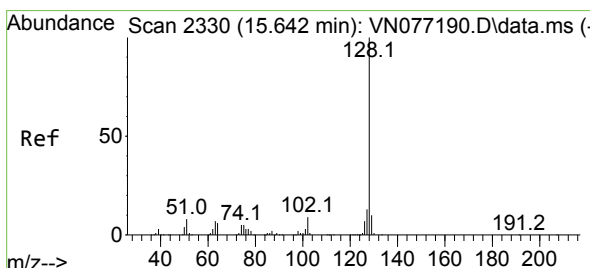
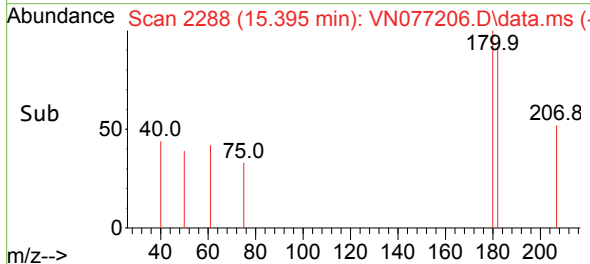
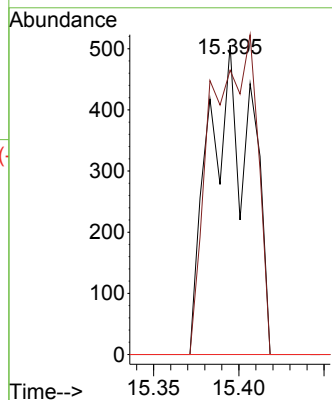
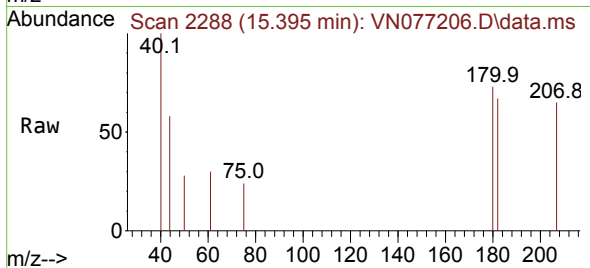
Tgt Ion:180 Resp: 863

Ion Ratio Lower Upper

180 100

182 113.1 47.4 142.2

145 0.0 15.8 47.3#



#95

Naphthalene

Concen: 6.149 ug/l

RT: 15.648 min Scan# 2331

Delta R.T. 0.006 min

Lab File: VN077206.D

Acq: 27 Mar 2023 17:07

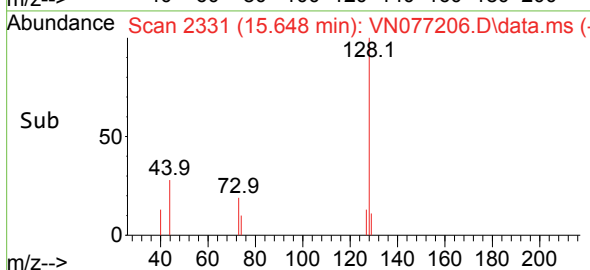
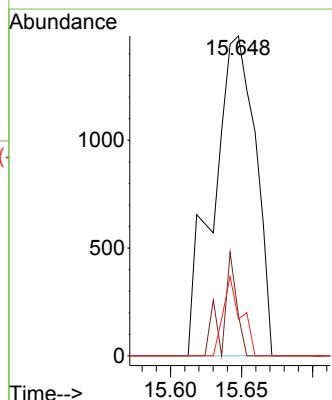
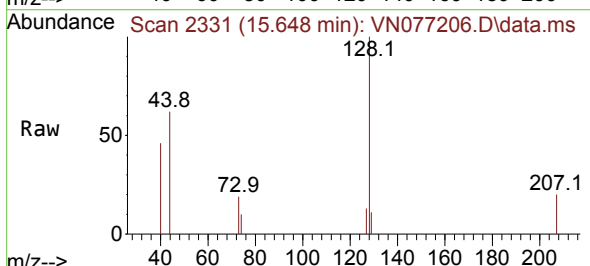
Tgt Ion:128 Resp: 3069

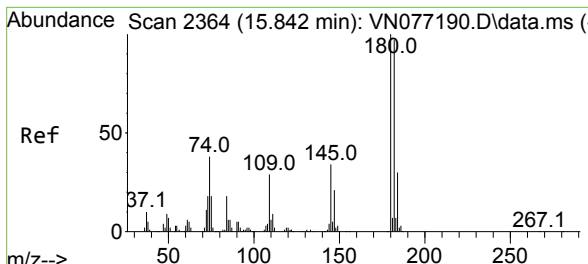
Ion Ratio Lower Upper

128 100

127 10.7 10.2 15.4

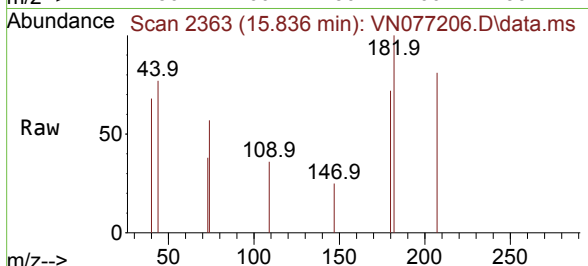
129 10.5 8.9 13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 4.739 ug/l
 RT: 15.836 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN077206.D
 Acq: 27 Mar 2023 17:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0327WBL02



Tgt Ion:	180	Resp:	341
Ion	Ratio	Lower	Upper
180	100		
182	212.3	47.7	143.1#
145	34.9	17.0	51.0

