

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032823\
 Data File : VN077232.D
 Acq On : 28 Mar 2023 12:54
 Operator : JC\MD
 Sample : VN0328WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328WBL02

Quant Time: Mar 29 01:12:06 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)

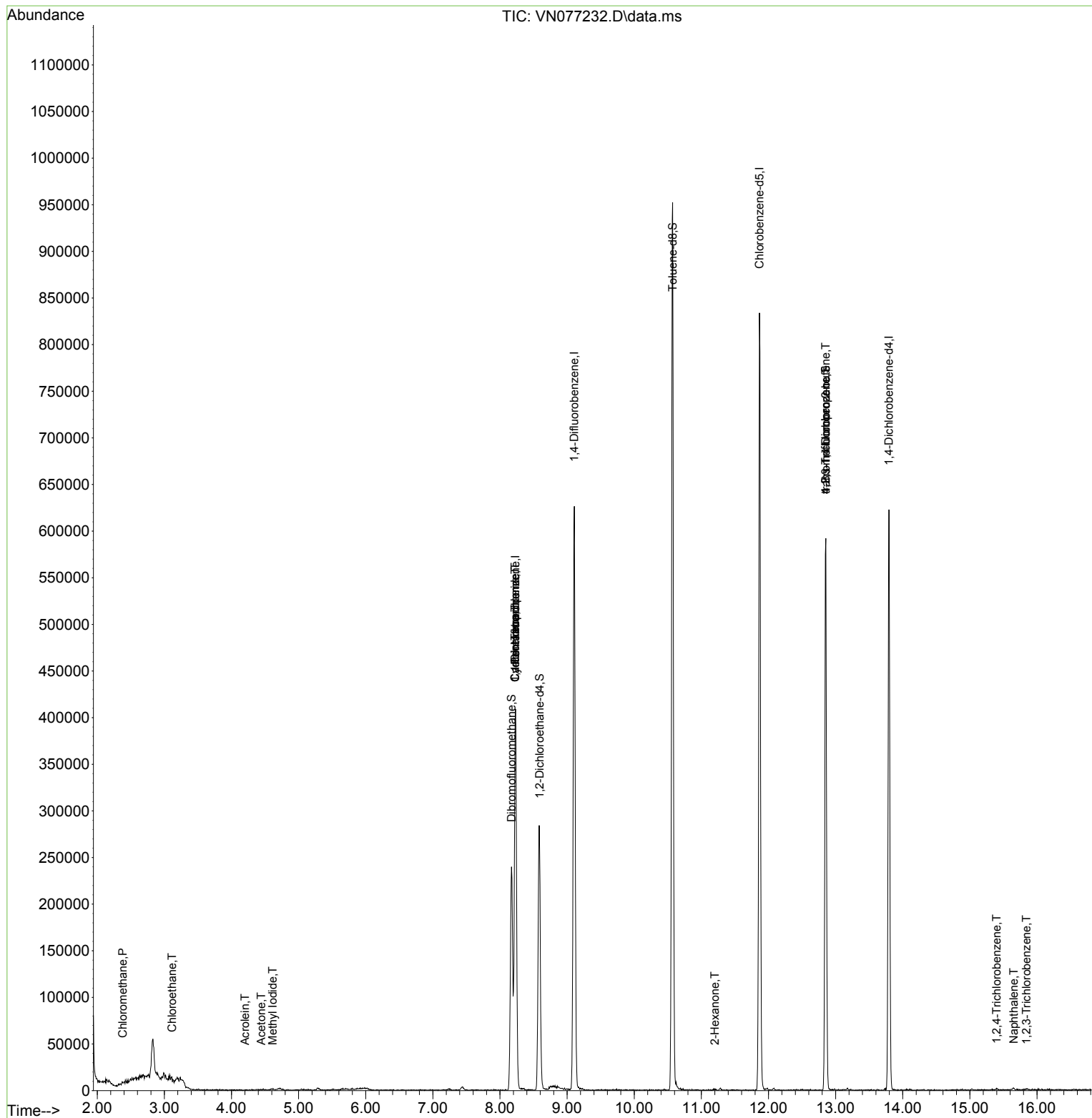
Internal Standards						
1) Pentafluorobenzene	8.231	168	286919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	494244	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	425655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	152599	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	224725	50.094	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.180%			
35) Dibromofluoromethane	8.172	113	163852	48.857	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.720%			
50) Toluene-d8	10.572	98	624565	49.701	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.400%			
62) 4-Bromofluorobenzene	12.854	95	173181	41.991	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 83.980%			
Target Compounds			Qvalue			
3) Chloromethane	2.378	50	1147	0.273	ug/l #	40
6) Chloroethane	3.113	64	1083	0.263	ug/l	91
10) Methyl Iodide	4.613	142	837	0.238	ug/l #	67
13) Acrolein	4.201	56	257	0.300	ug/l #	14
16) Acetone	4.443	43	710	0.426	ug/l #	40
31) Cyclohexane	8.225	56	8465	1.358	ug/l #	24
36) 1,1-Dichloropropene	8.225	75	27176	5.822	ug/l #	46
38) Carbon Tetrachloride	8.225	117	30408	6.425	ug/l #	16
59) 2-Hexanone	11.201	43	1284	0.338	ug/l #	40
76) 1,2,3-Trichloropropane	12.854	75	107469	34.717	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	107469	100.058	ug/l #	15
93) 1,2,4-Trichlorobenzene	15.401	180	794	4.675	ug/l #	44
95) Naphthalene	15.654	128	2565	6.192	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.842	180	746	4.932	ug/l #	53

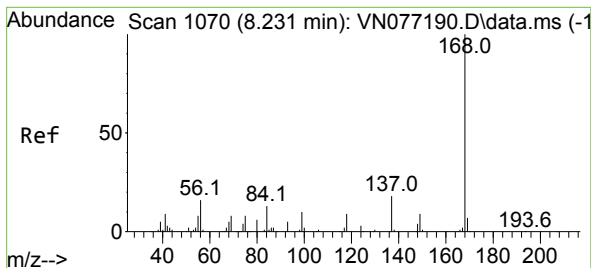
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN077232.D

Acq: 28 Mar 2023 12:54

Instrument :

MSVOA_N

ClientSampleId :

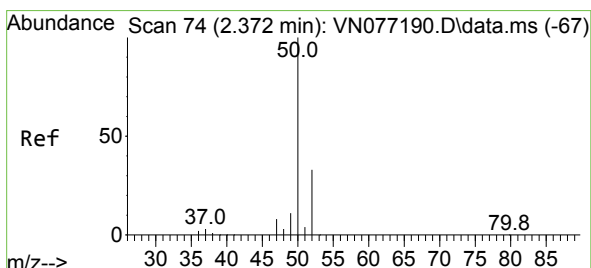
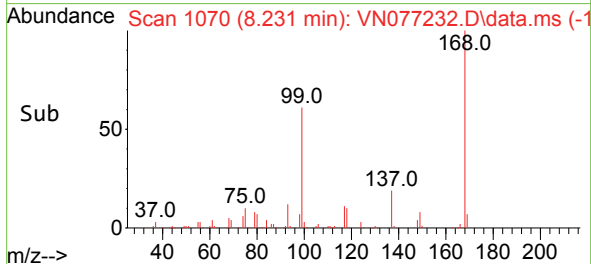
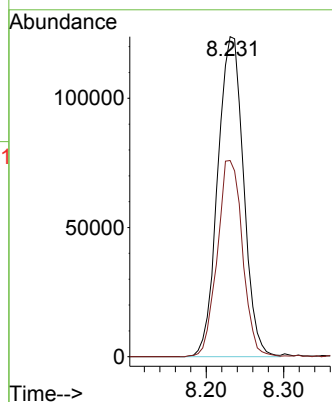
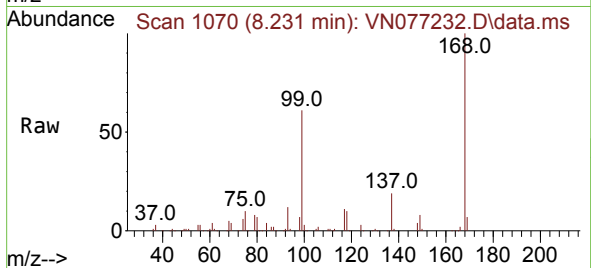
VN0328WBL02

Tgt Ion:168 Resp: 286919

Ion Ratio Lower Upper

168 100

99 61.3 48.6 73.0



#3

Chloromethane

Concen: 0.273 ug/l

RT: 2.378 min Scan# 75

Delta R.T. 0.006 min

Lab File: VN077232.D

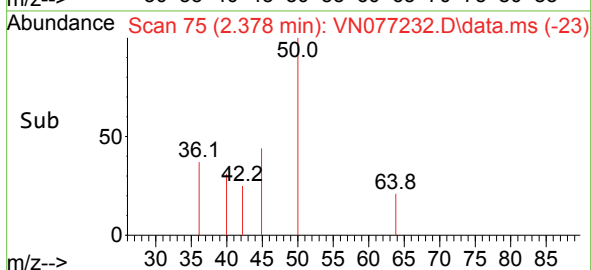
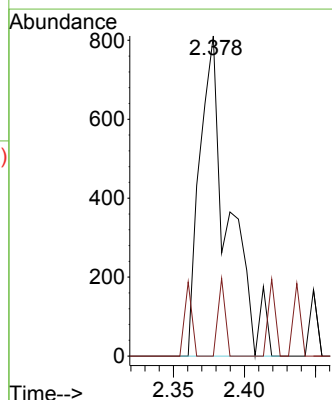
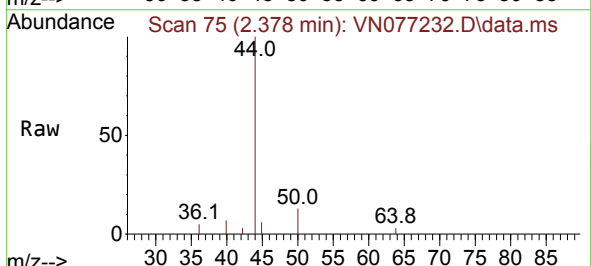
Acq: 28 Mar 2023 12:54

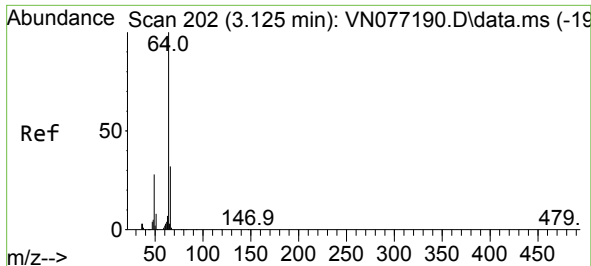
Tgt Ion: 50 Resp: 1147

Ion Ratio Lower Upper

50 100

52 0.0 27.9 41.9#

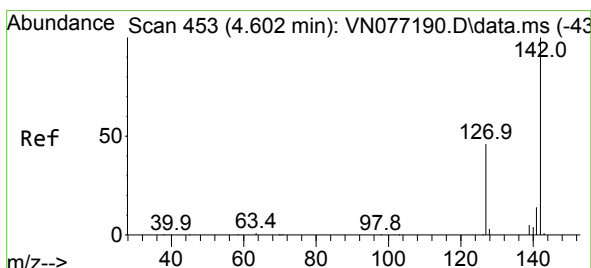
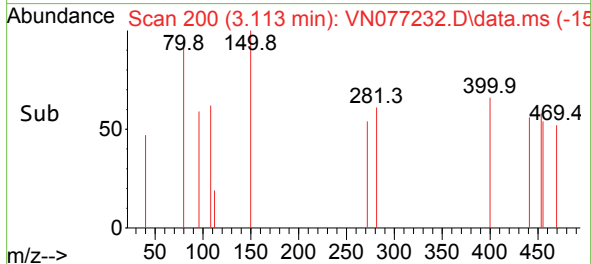
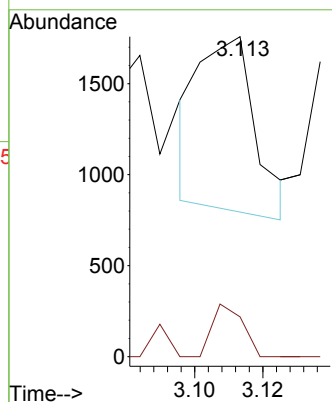
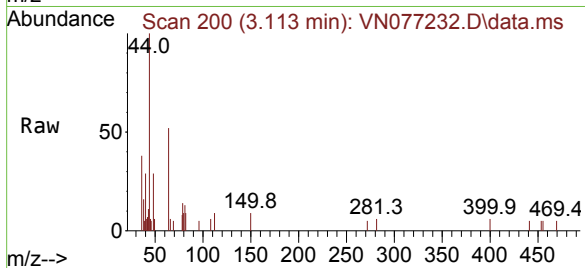




#6
Chloroethane
Concen: 0.263 ug/l
RT: 3.113 min Scan# 202
Delta R.T. -0.012 min
Lab File: VN077232.D
Acq: 28 Mar 2023 12:54

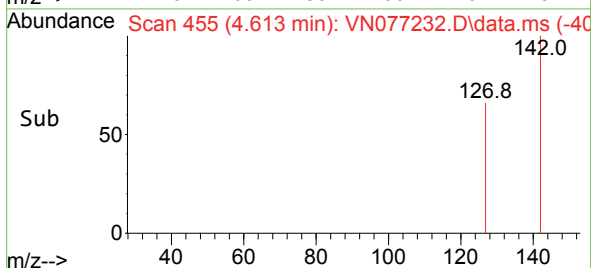
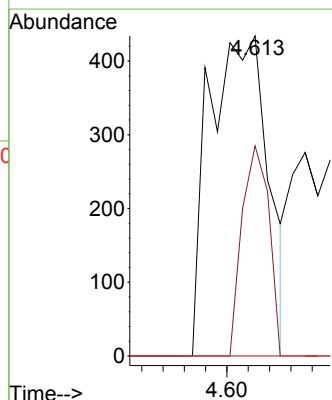
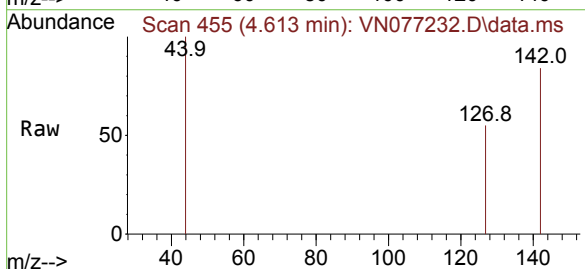
Instrument :
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VN0328WBL02

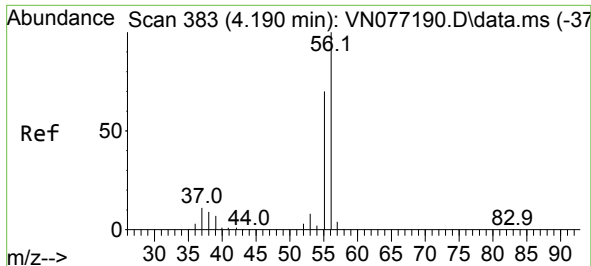
Tgt Ion: 64 Resp: 1083
Ion Ratio Lower Upper
64 100
66 27.8 26.2 39.4



#10
Methyl Iodide
Concen: 0.238 ug/l
RT: 4.613 min Scan# 455
Delta R.T. 0.011 min
Lab File: VN077232.D
Acq: 28 Mar 2023 12:54

Tgt Ion: 142 Resp: 837
Ion Ratio Lower Upper
142 100
127 65.7 35.2 52.8#
141 0.0 10.2 15.2#

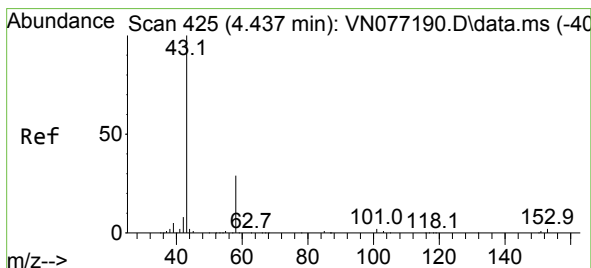
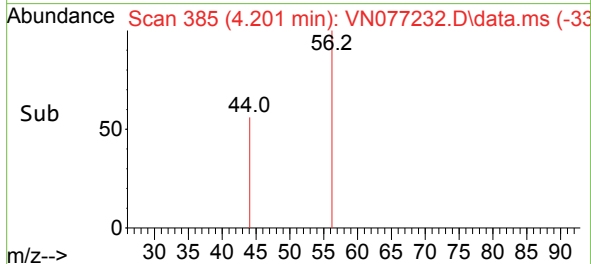
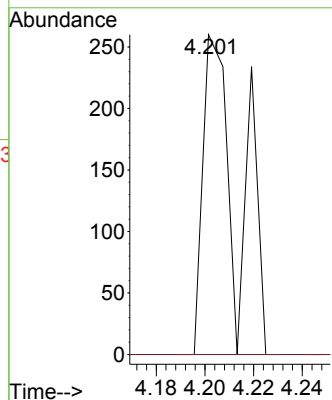
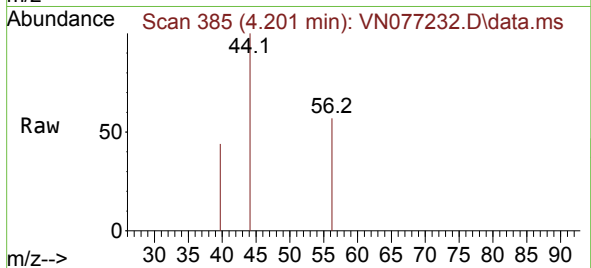




#13
Acrolein
Concen: 0.300 ug/l
RT: 4.201 min Scan# 385
Delta R.T. 0.011 min
Lab File: VN077232.D
Acq: 28 Mar 2023 12:54

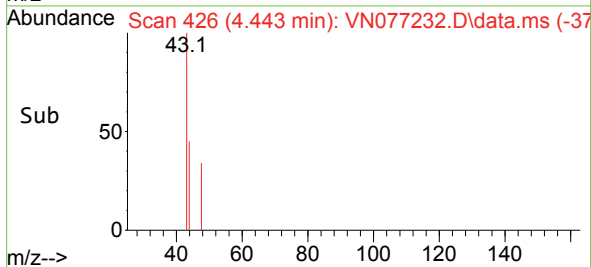
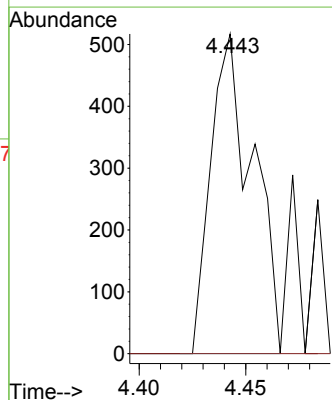
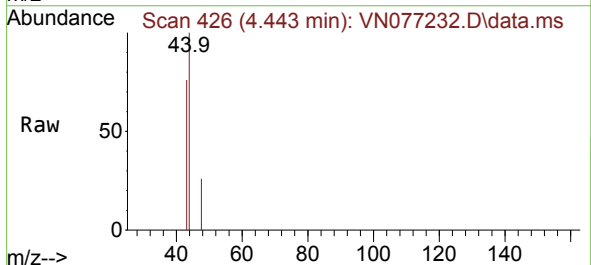
Instrument :
MSVOA_N
ClientSampleId :
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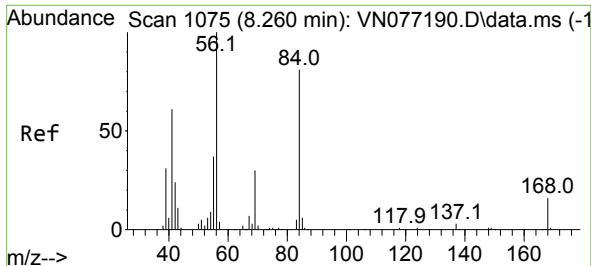
Tgt Ion: 56 Resp: 257
Ion Ratio Lower Upper
56 100
55 0.0 56.7 85.1#



#16
Acetone
Concen: 0.426 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN077232.D
Acq: 28 Mar 2023 12:54

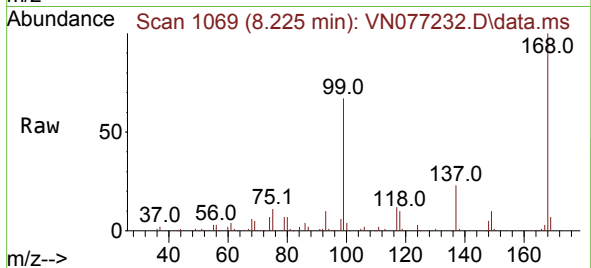
Tgt Ion: 43 Resp: 710
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.2#



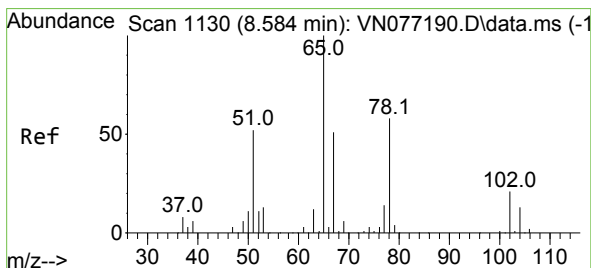
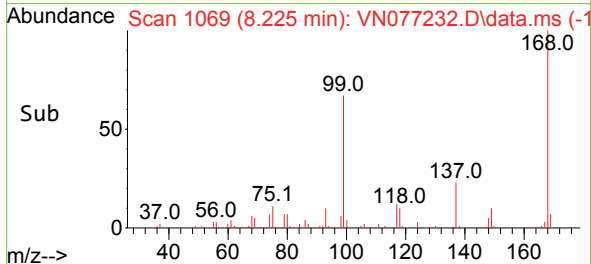
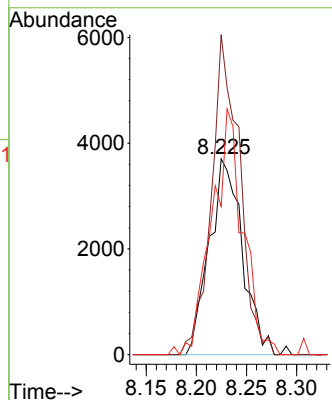


#31
Cyclohexane
Concen: 1.358 ug/l
RT: 8.225 min Scan# 1069
Delta R.T. -0.035 min
Lab File: VN077232.D
Acq: 28 Mar 2023 12:54

Instrument :
MSVOA_N
ClientSampleId :
VN0328WBL02

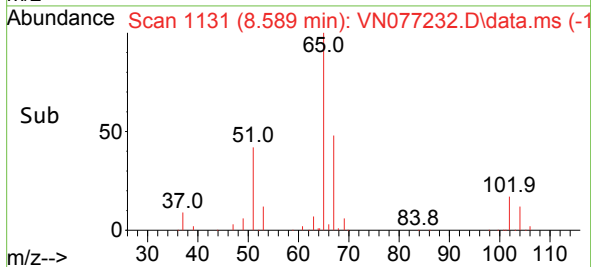
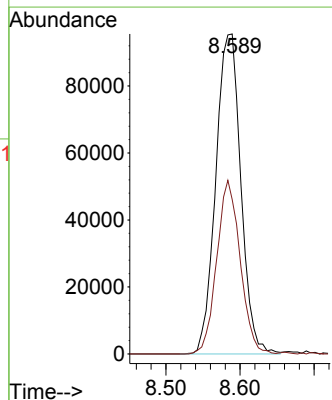
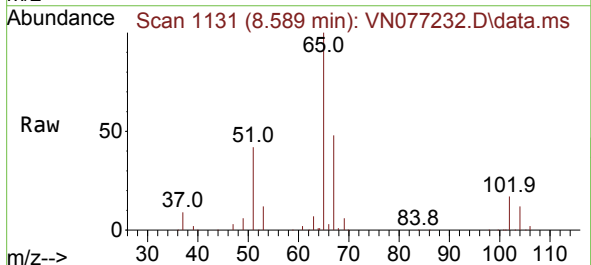


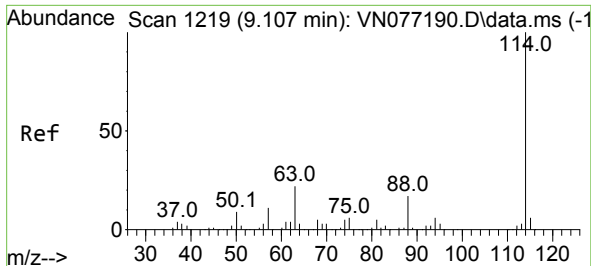
Tgt Ion: 56 Resp: 8465
Ion Ratio Lower Upper
56 100
69 163.4 27.0 40.6#
84 75.7 82.9 124.3#



#33
1,2-Dichloroethane-d4
Concen: 50.094 ug/l
RT: 8.589 min Scan# 1131
Delta R.T. 0.005 min
Lab File: VN077232.D
Acq: 28 Mar 2023 12:54

Tgt Ion: 65 Resp: 224725
Ion Ratio Lower Upper
65 100
67 50.7 0.0 107.2

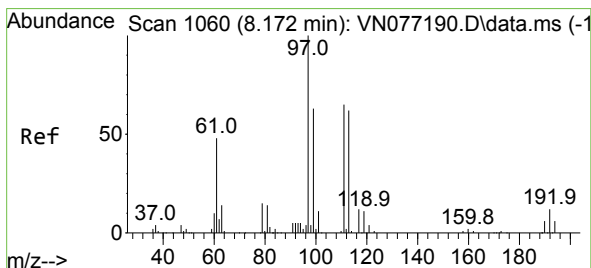
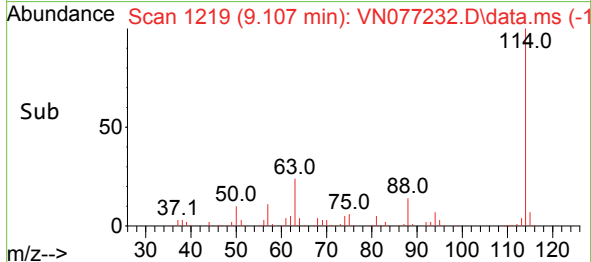
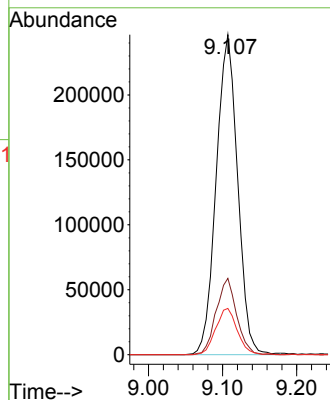
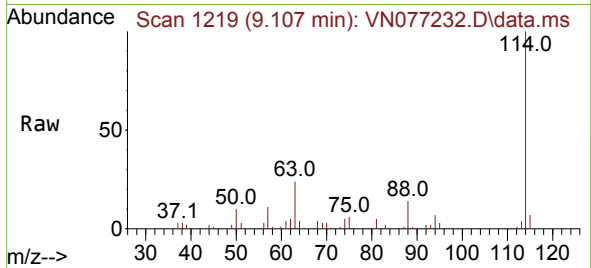




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077232.D
Acq: 28 Mar 2023 12:54

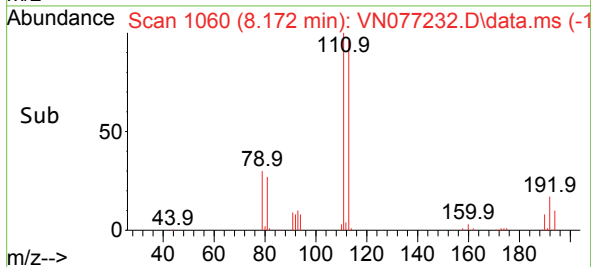
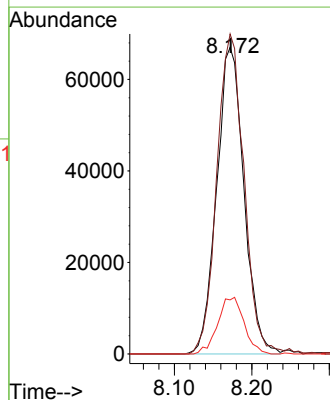
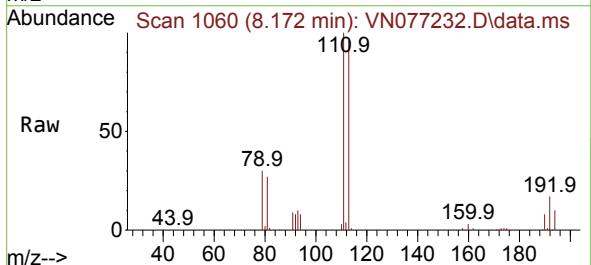
Instrument :
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VN0328WBL02

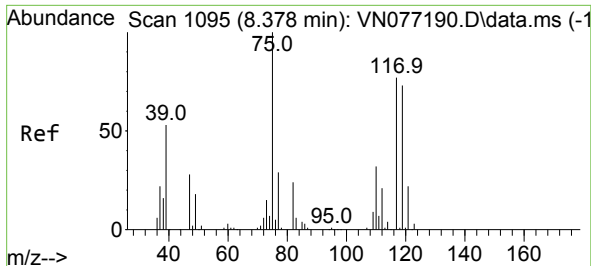
Tgt Ion:114 Resp: 494244
Ion Ratio Lower Upper
114 100
63 23.8 0.0 36.6
88 14.4 0.0 28.6



#35
Dibromofluoromethane
Concen: 48.857 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077232.D
Acq: 28 Mar 2023 12:54

Tgt Ion:113 Resp: 163852
Ion Ratio Lower Upper
113 100
111 103.7 81.8 122.8
192 17.8 13.9 20.9





#36

1,1-Dichloropropene

Concen: 5.822 ug/l

RT: 8.225 min Scan# 1069

Delta R.T. -0.153 min

Lab File: VN077232.D

Acq: 28 Mar 2023 12:54

Instrument :

MSVOA_N

ClientSampleId :

VN0328WBL02

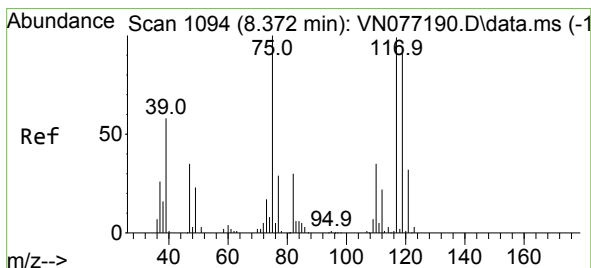
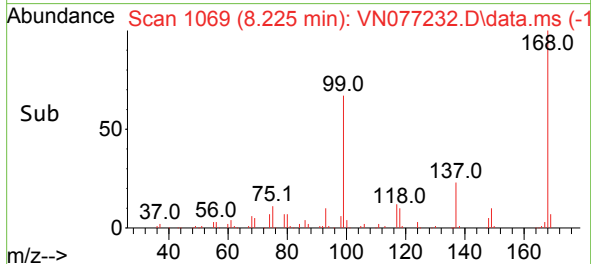
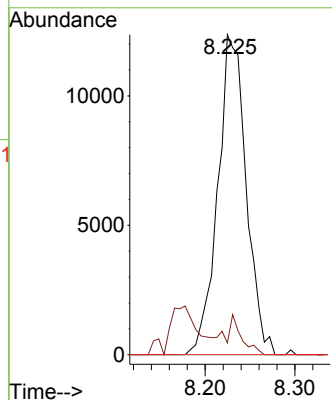
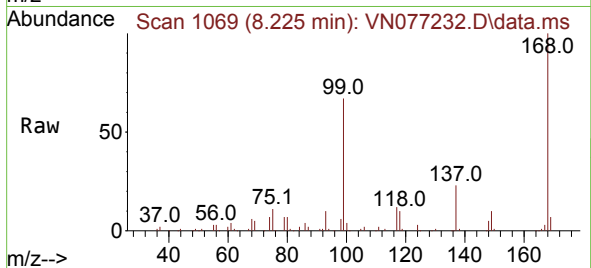
Tgt Ion: 75 Resp: 27176

Ion Ratio Lower Upper

75 100

110 6.7 18.9 56.9#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 6.425 ug/l

RT: 8.225 min Scan# 1069

Delta R.T. -0.147 min

Lab File: VN077232.D

Acq: 28 Mar 2023 12:54

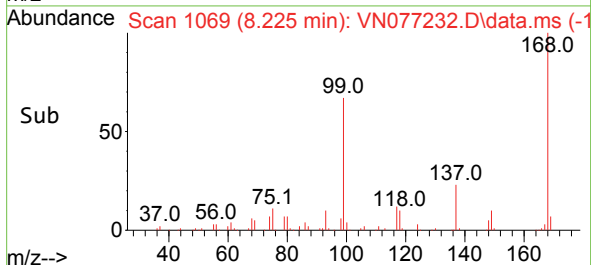
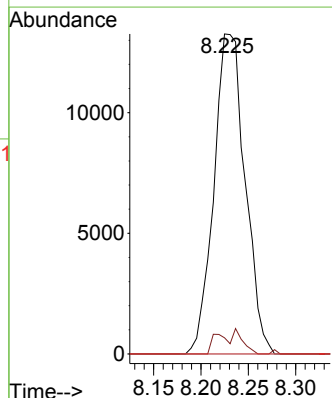
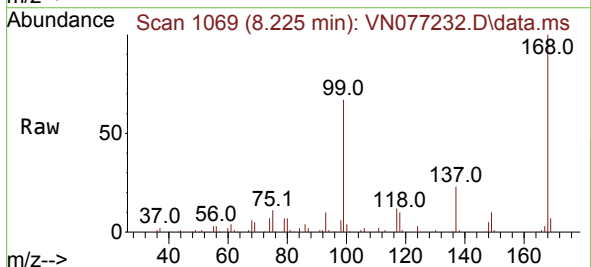
Tgt Ion: 117 Resp: 30408

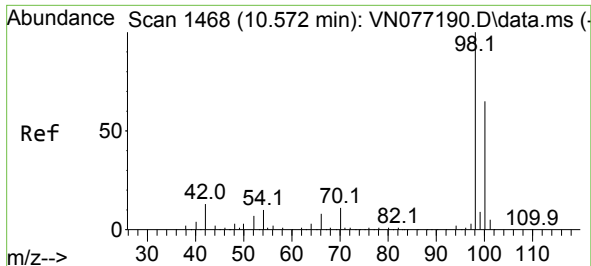
Ion Ratio Lower Upper

117 100

119 5.1 76.9 115.3#

121 0.0 23.2 34.8#

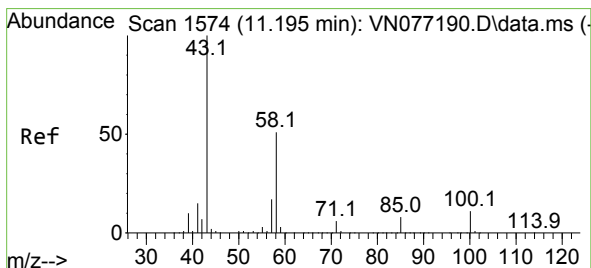
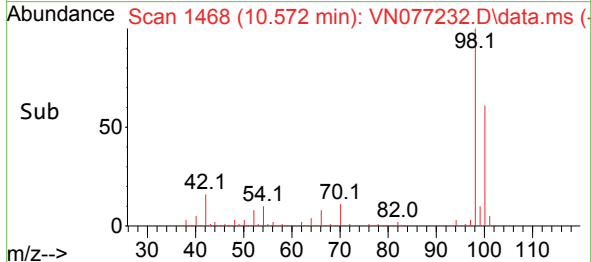
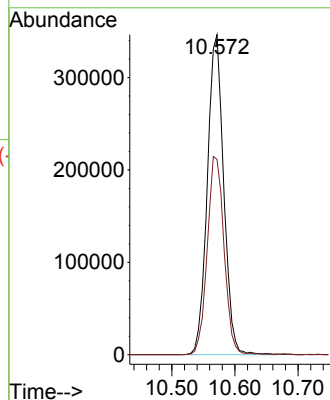
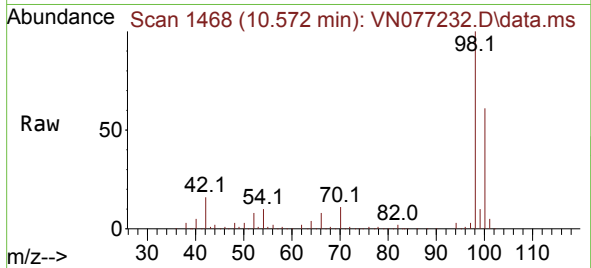




#50
Toluene-d8
Concen: 49.701 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077232.D
Acq: 28 Mar 2023 12:54

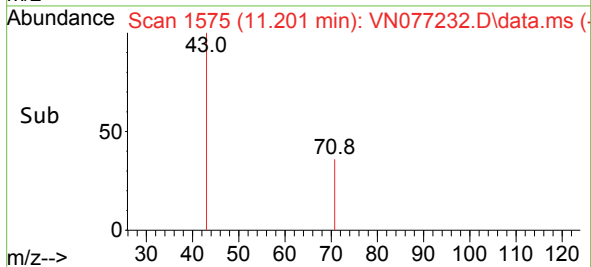
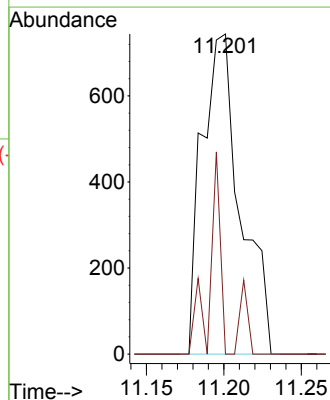
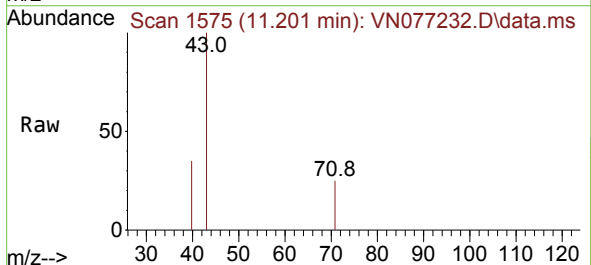
Instrument :
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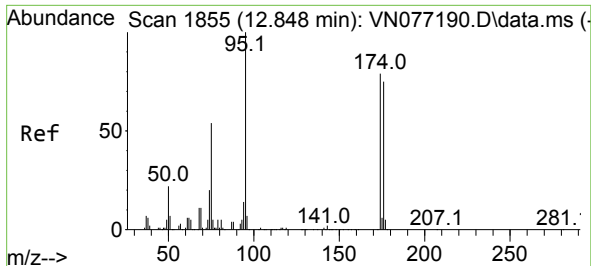
Tgt Ion: 98 Resp: 624565
Ion Ratio Lower Upper
98 100
100 63.4 52.8 79.2



#59
2-Hexanone
Concen: 0.338 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN077232.D
Acq: 28 Mar 2023 12:54

Tgt Ion: 43 Resp: 1284
Ion Ratio Lower Upper
43 100
58 17.8 32.6 98.0#

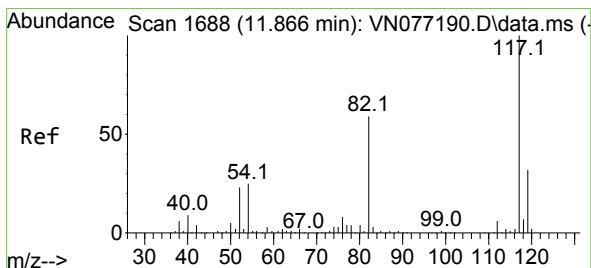
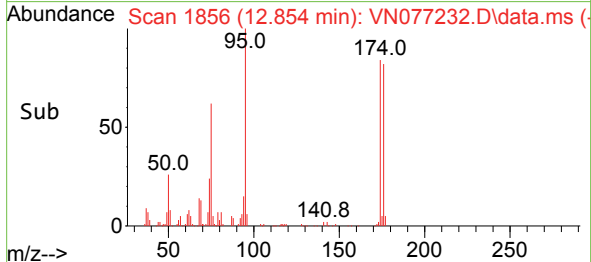
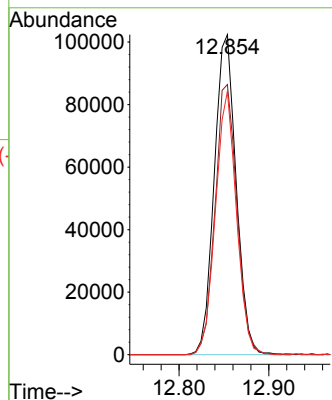
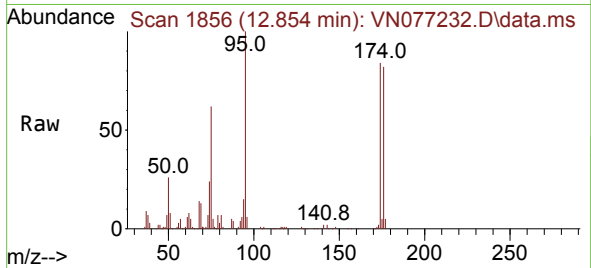




#62
4-Bromofluorobenzene
Concen: 41.991 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077232.D
Acq: 28 Mar 2023 12:54

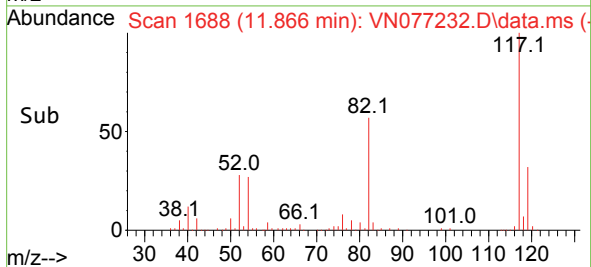
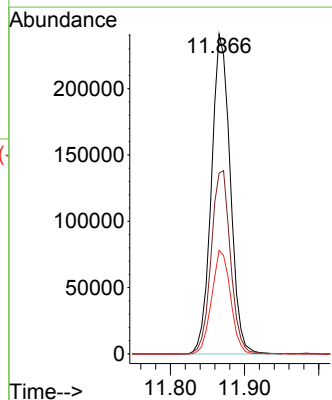
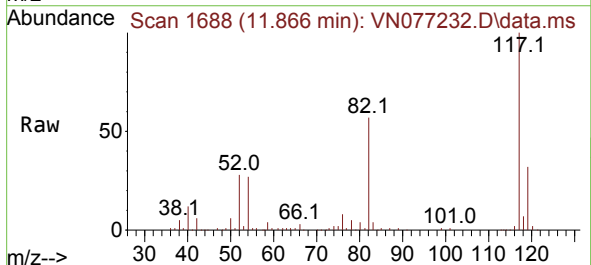
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBL02

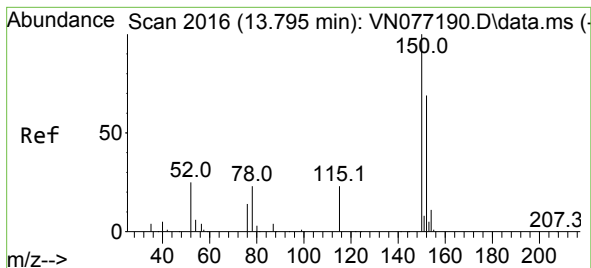
Tgt Ion: 95 Resp: 173181
Ion Ratio Lower Upper
95 100
174 84.9 0.0 162.4
176 79.0 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077232.D
Acq: 28 Mar 2023 12:54

Tgt Ion: 117 Resp: 425655
Ion Ratio Lower Upper
117 100
82 56.5 43.5 65.3
119 32.4 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN077232.D

Acq: 28 Mar 2023 12:54

Instrument :

MSVOA_N

ClientSampleId :

VN0328WBL02

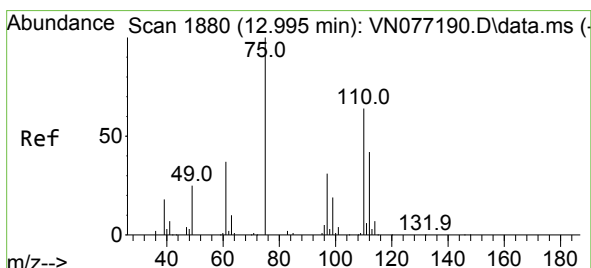
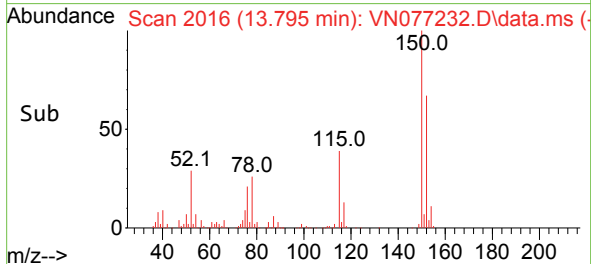
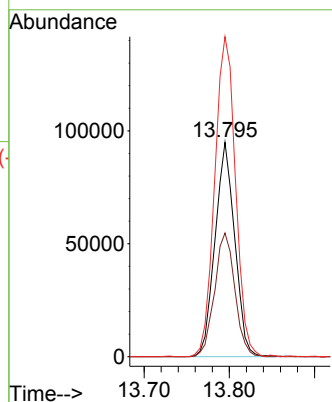
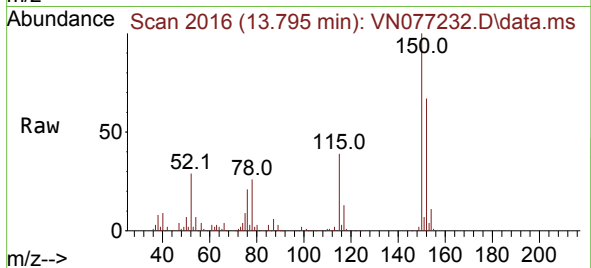
Tgt Ion:152 Resp: 152599

Ion Ratio Lower Upper

152 100

115 59.3 30.3 90.9

150 157.2 0.0 353.6



#76

1,2,3-Trichloropropane

Concen: 34.717 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. -0.141 min

Lab File: VN077232.D

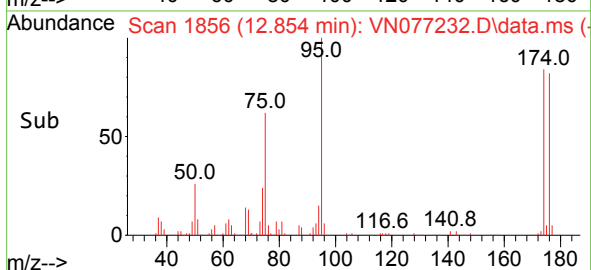
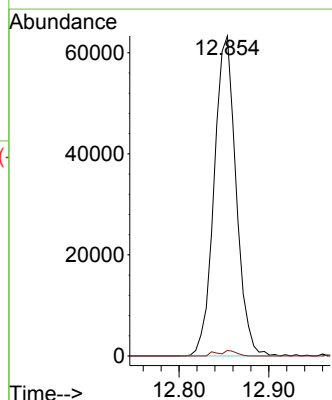
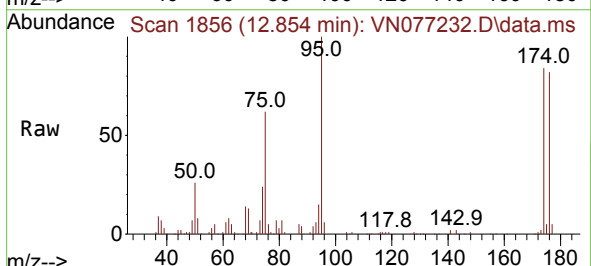
Acq: 28 Mar 2023 12:54

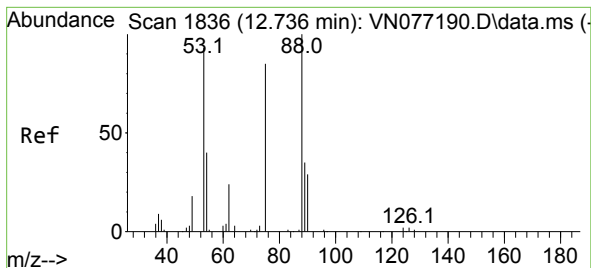
Tgt Ion: 75 Resp: 107469

Ion Ratio Lower Upper

75 100

77 1.5 93.8 281.4#

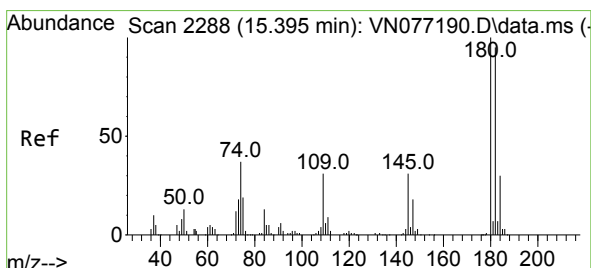
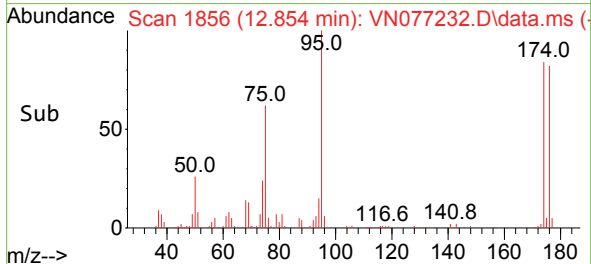
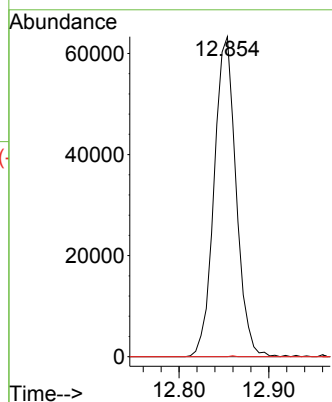
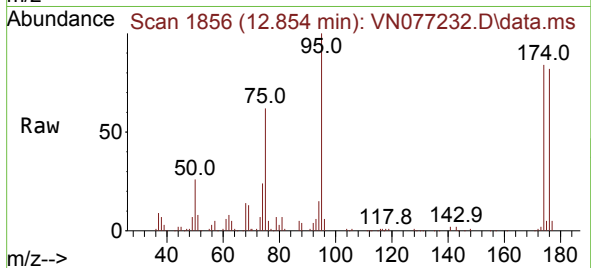




#81
trans-1,4-Dichloro-2-butene
Concen: 100.058 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.118 min
Lab File: VN077232.D
Acq: 28 Mar 2023 12:54

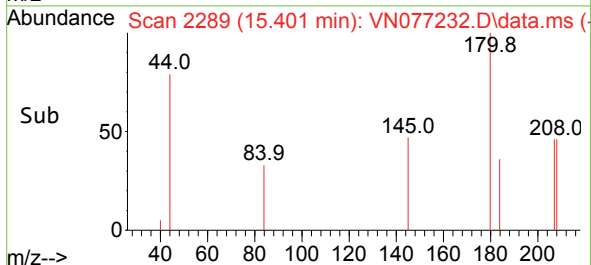
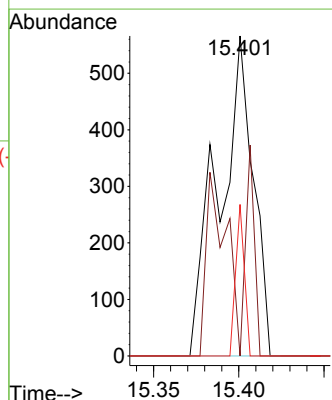
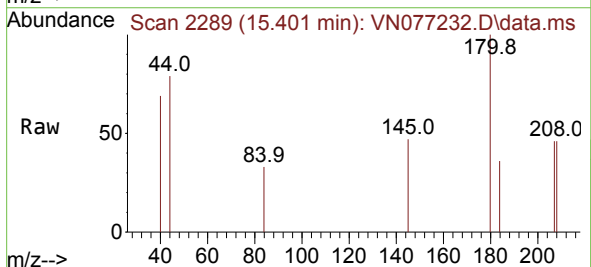
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBL02

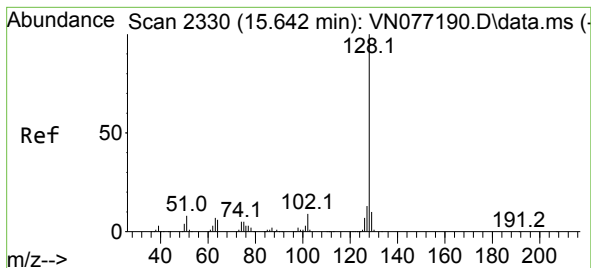
Tgt Ion: 75 Resp: 107469
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.0#
89 0.1 39.5 59.3#



#93
1,2,4-Trichlorobenzene
Concen: 4.675 ug/l
RT: 15.401 min Scan# 2289
Delta R.T. 0.006 min
Lab File: VN077232.D
Acq: 28 Mar 2023 12:54

Tgt Ion:180 Resp: 794
Ion Ratio Lower Upper
180 100
182 33.8 47.4 142.2#
145 12.0 15.8 47.3#





#95

Naphthalene

Concen: 6.192 ug/l

RT: 15.654 min Scan# 21

Delta R.T. 0.012 min

Lab File: VN077232.D

Acq: 28 Mar 2023 12:54

Instrument :

MSVOA_N

ClientSampleId :

VN0328WBL02

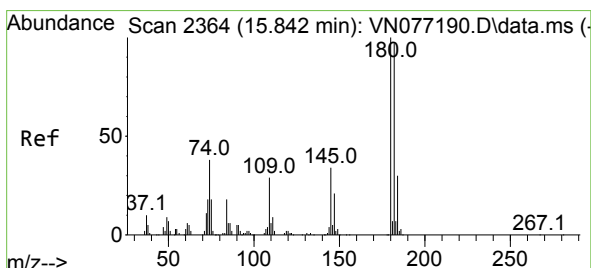
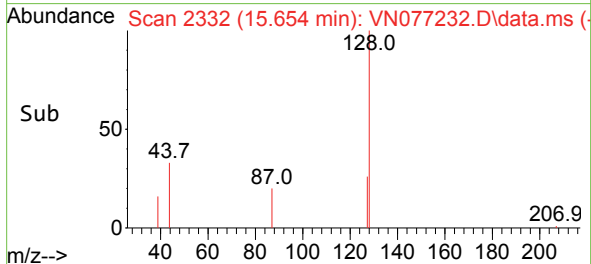
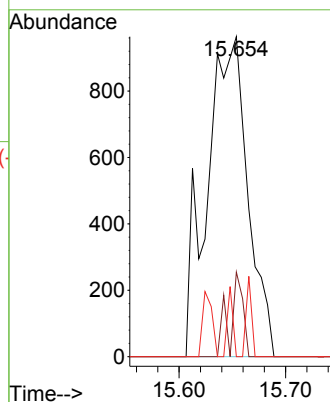
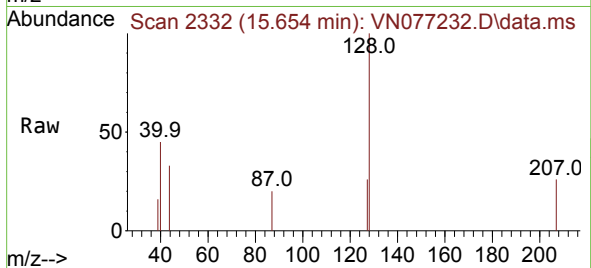
Tgt Ion:128 Resp: 2565

Ion Ratio Lower Upper

128 100

127 8.5 10.2 15.4#

129 2.9 8.9 13.3#



#96

1,2,3-Trichlorobenzene

Concen: 4.932 ug/l

RT: 15.842 min Scan# 2364

Delta R.T. -0.000 min

Lab File: VN077232.D

Acq: 28 Mar 2023 12:54

Tgt Ion:180 Resp: 746

Ion Ratio Lower Upper

180 100

182 42.4 47.7 143.1#

145 20.1 17.0 51.0

