

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032223\
 Data File : VN077115.D
 Acq On : 22 Mar 2023 18:13
 Operator : JC\MD
 Sample : 01849-03DL 10X
 Misc : 11.50 g/5.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CB-10-17.5-030823DL

Quant Time: Mar 22 23:27:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

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

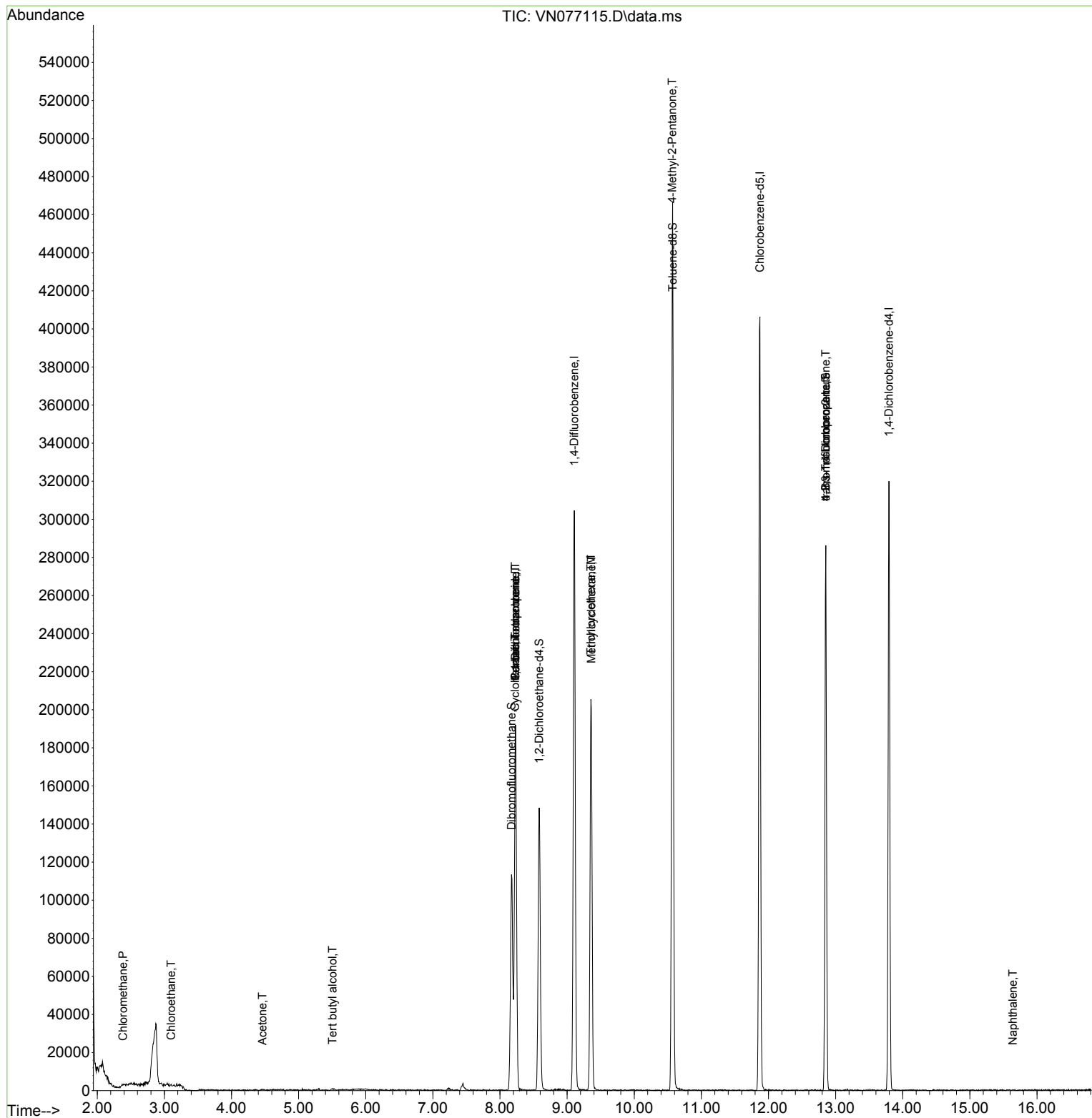
Internal Standards						
1) Pentafluorobenzene	8.231	168	119101	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	234120	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	208596	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	73658	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	118632	62.358	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 124.720%	
35) Dibromofluoromethane	8.172	113	80221	48.928	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.860%	
50) Toluene-d8	10.572	98	302055	51.574	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.140%	
62) 4-Bromofluorobenzene	12.854	95	87265	42.166	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 84.340%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.384	50	325	0.271	ug/l #	43
6) Chloroethane	3.102	64	837	1.021	ug/l #	42
11) Tert butyl alcohol	5.507	59	418	1.508	ug/l #	72
16) Acetone	4.460	43	463	0.546	ug/l #	43
31) Cyclohexane	8.225	56	4779	1.535	ug/l #	50
36) 1,1-Dichloropropene	8.231	75	13838	5.404	ug/l #	50
38) Carbon Tetrachloride	8.231	117	14325	5.743	ug/l #	14
39) Methylcyclohexane	9.360	83	955	0.319	ug/l #	1
44) Trichloroethene	9.354	130	66107	37.057	ug/l	91
51) 4-Methyl-2-Pentanone	10.566	43	1753	0.658	ug/l #	1
76) 1,2,3-Trichloropropane	12.854	75	53613	28.139	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	53613	77.455	ug/l #	10
95) Naphthalene	15.642	128	58	1.923	ug/l #	70

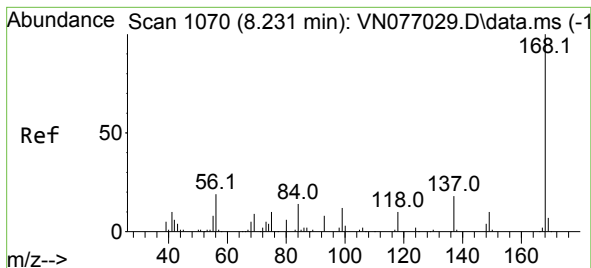
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 20 08:50:30 2023
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.231 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VN077115.D

Acq: 22 Mar 2023 18:13

Instrument :

MSVOA_N

ClientSampleId :

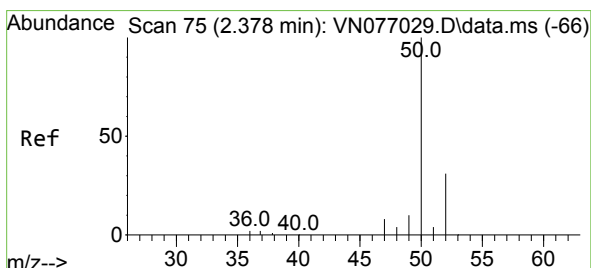
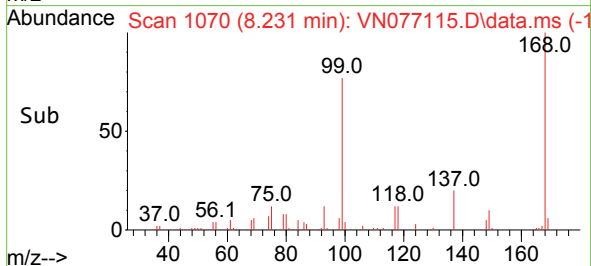
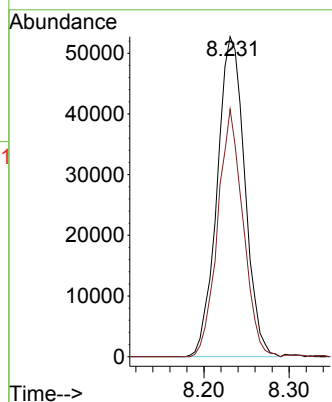
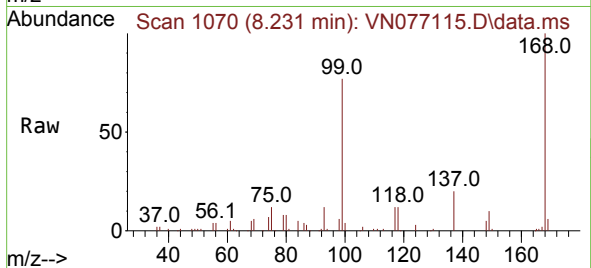
CB-10-17.5-030823DL

Tgt Ion:168 Resp: 119101

Ion Ratio Lower Upper

168 100

99 77.4 53.9 80.9



#3

Chloromethane

Concen: 0.271 ug/l

RT: 2.384 min Scan# 76

Delta R.T. 0.006 min

Lab File: VN077115.D

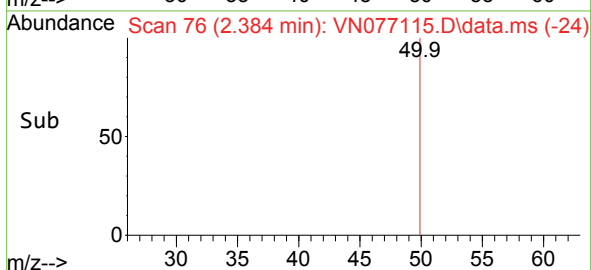
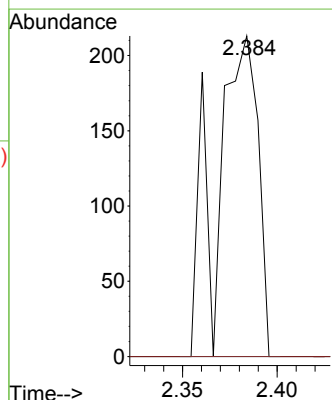
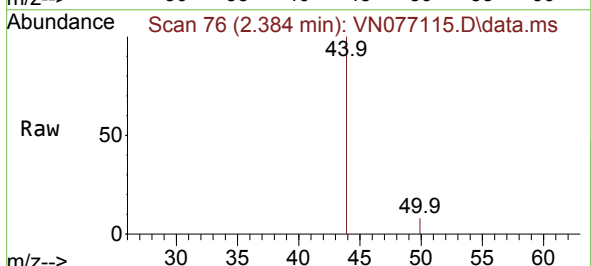
Acq: 22 Mar 2023 18:13

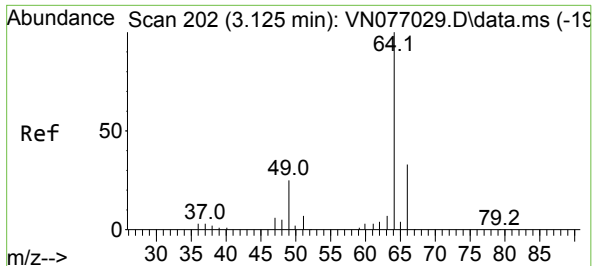
Tgt Ion: 50 Resp: 325

Ion Ratio Lower Upper

50 100

52 0.0 25.1 37.7#

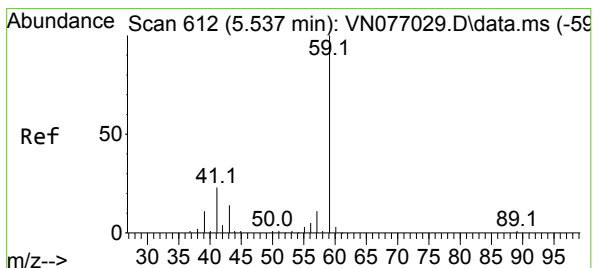
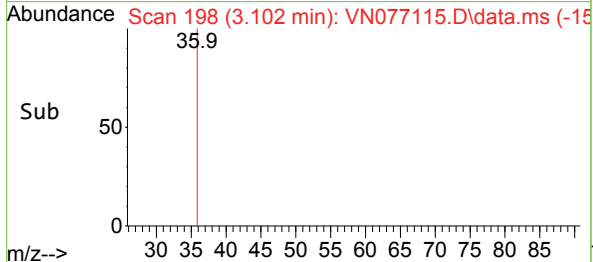
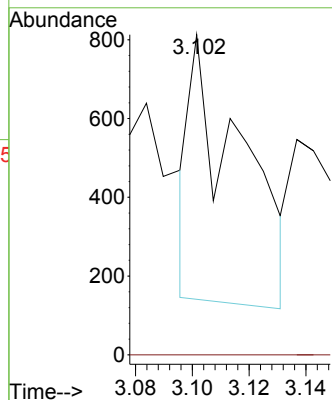
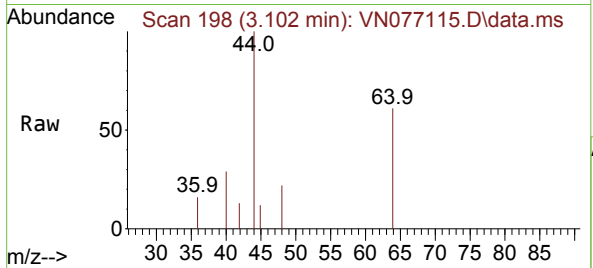




#6
Chloroethane
Concen: 1.021 ug/l
RT: 3.102 min Scan# 198
Delta R.T. -0.023 min
Lab File: VN077115.D
Acq: 22 Mar 2023 18:13

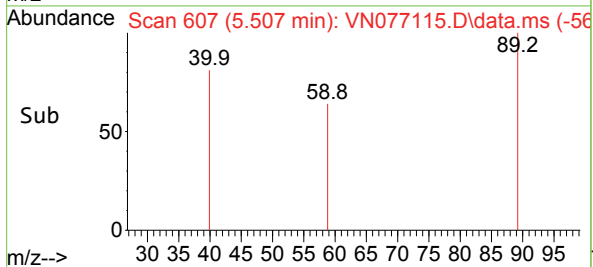
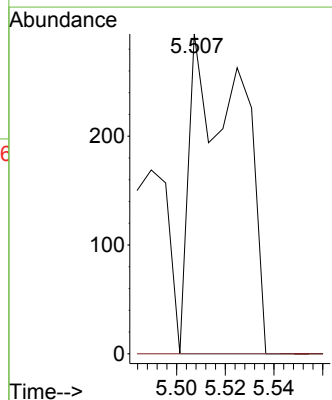
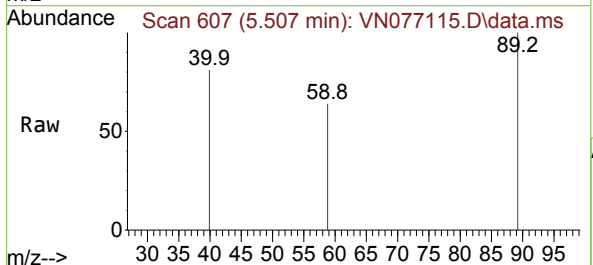
Instrument : MSVOA_N
ClientSampleId : CB-10-17.5-030823DL

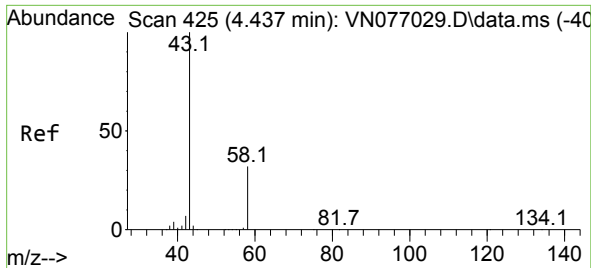
Tgt Ion: 64 Resp: 837
Ion Ratio Lower Upper
64 100
66 0.0 26.3 39.5#



#11
Tert butyl alcohol
Concen: 1.508 ug/l
RT: 5.507 min Scan# 607
Delta R.T. -0.030 min
Lab File: VN077115.D
Acq: 22 Mar 2023 18:13

Tgt Ion: 59 Resp: 418
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

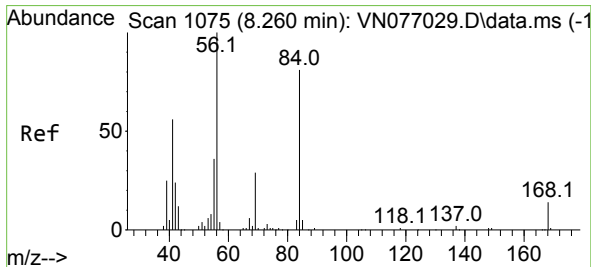
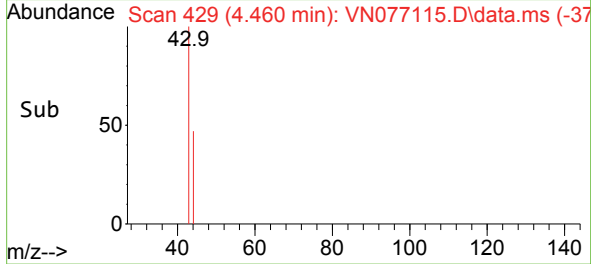
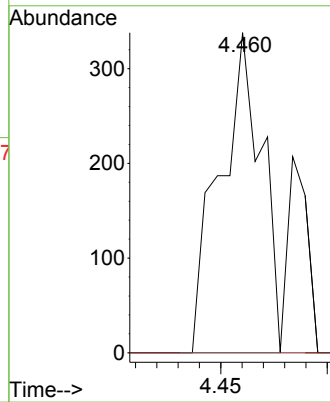
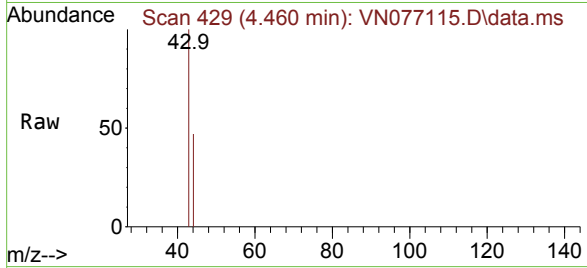




#16
Acetone
Concen: 0.546 ug/l
RT: 4.460 min Scan# 41
Delta R.T. 0.023 min
Lab File: VN077115.D
Acq: 22 Mar 2023 18:13

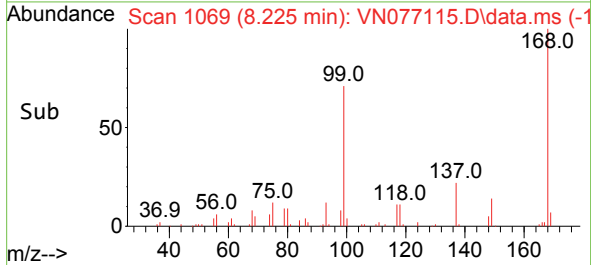
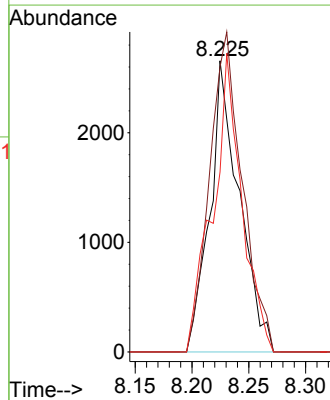
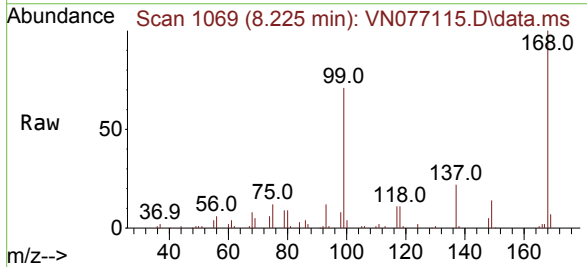
Instrument :
MSVOA_N
ClientSampleId :
CB-10-17.5-030823DL

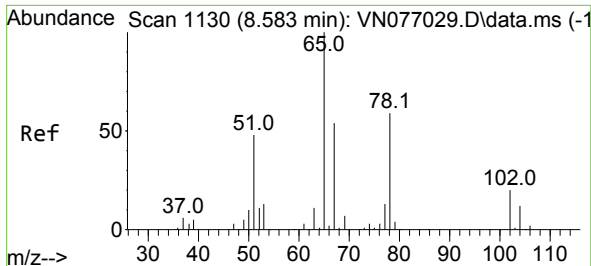
Tgt Ion: 43 Resp: 463
Ion Ratio Lower Upper
43 100
58 0.0 25.4 38.0#



#31
Cyclohexane
Concen: 1.535 ug/l
RT: 8.225 min Scan# 1069
Delta R.T. -0.035 min
Lab File: VN077115.D
Acq: 22 Mar 2023 18:13

Tgt Ion: 56 Resp: 4779
Ion Ratio Lower Upper
56 100
69 97.8 22.8 34.2#
84 61.8 64.7 97.1#





#33

1,2-Dichloroethane-d4

Concen: 62.358 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.001 min

Lab File: VN077115.D

Acq: 22 Mar 2023 18:13

Instrument :

MSVOA_N

ClientSampleId :

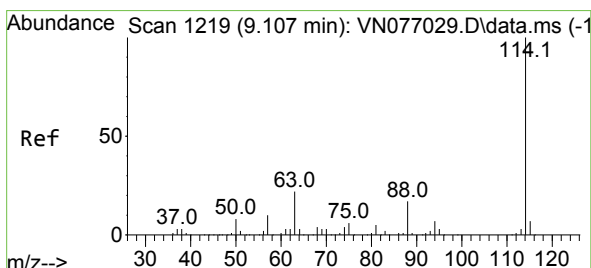
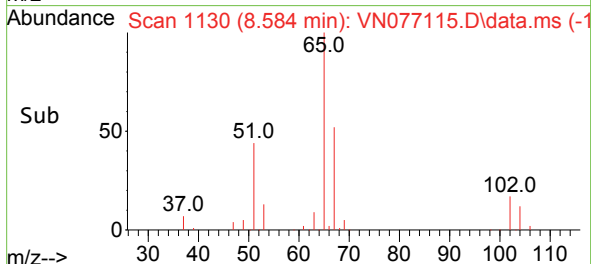
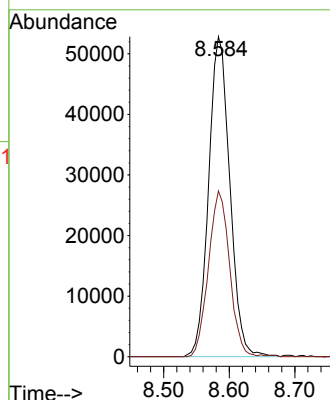
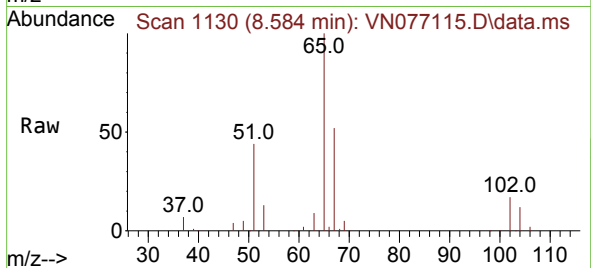
CB-10-17.5-030823DL

Tgt Ion: 65 Resp: 118632

Ion Ratio Lower Upper

65 100

67 51.9 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077115.D

Acq: 22 Mar 2023 18:13

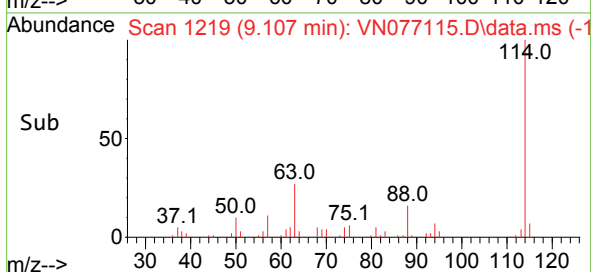
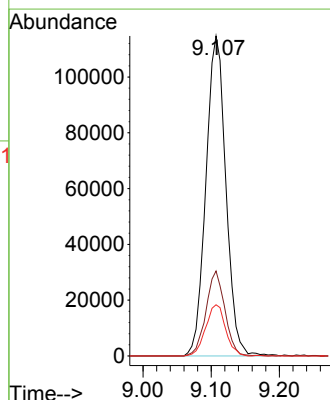
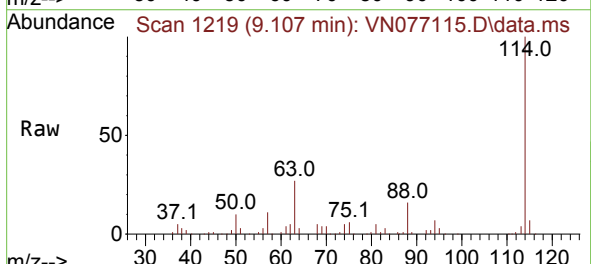
Tgt Ion: 114 Resp: 234120

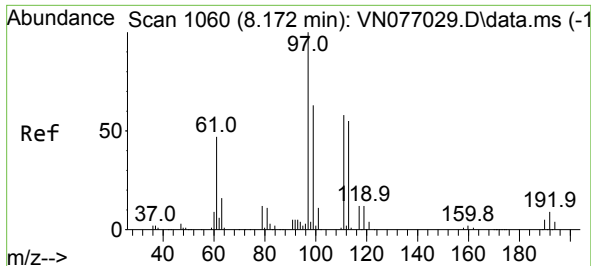
Ion Ratio Lower Upper

114 100

63 26.6 0.0 44.6

88 16.0 0.0 33.8

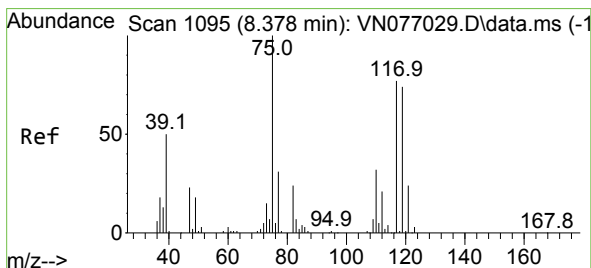
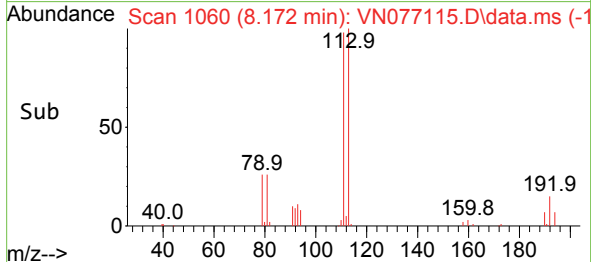
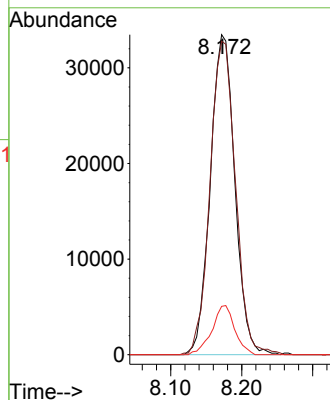
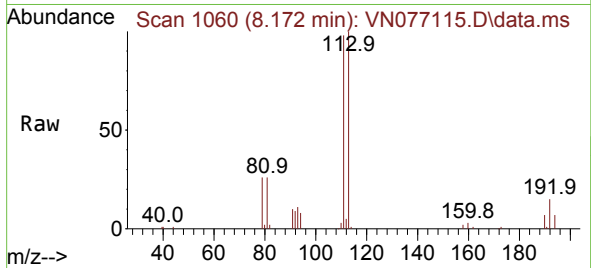




#35
Dibromofluoromethane
Concen: 48.928 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN077115.D
Acq: 22 Mar 2023 18:13

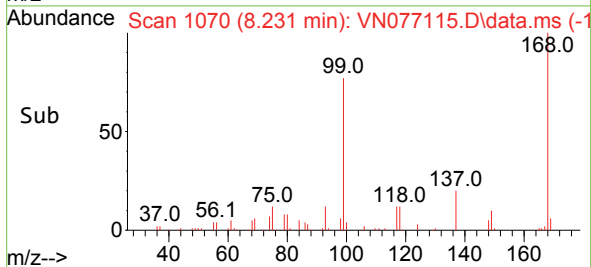
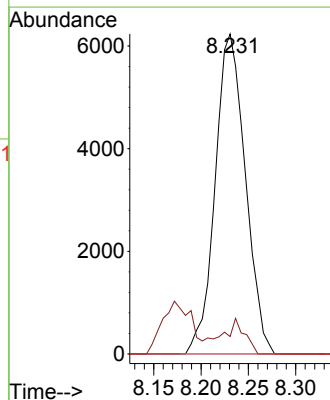
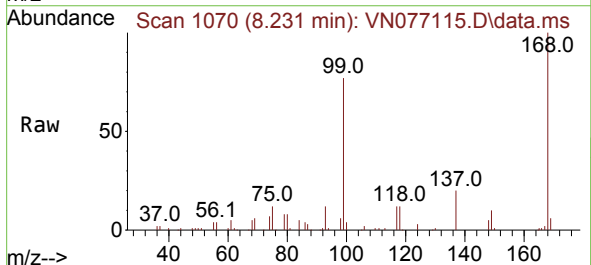
Instrument :
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CB-10-17.5-030823DL

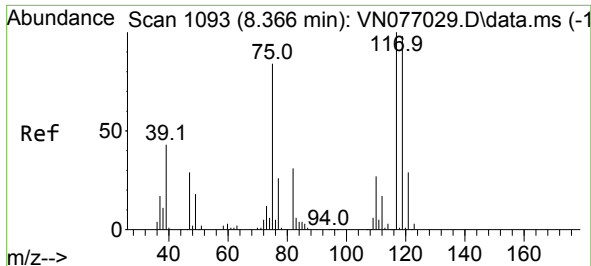
Tgt Ion:113 Resp: 80221
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.2
192 14.3 13.0 19.6



#36
1,1-Dichloropropene
Concen: 5.404 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.147 min
Lab File: VN077115.D
Acq: 22 Mar 2023 18:13

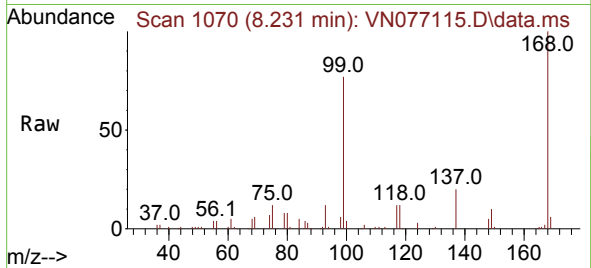
Tgt Ion: 75 Resp: 13838
Ion Ratio Lower Upper
75 100
110 7.1 15.9 47.7#
77 0.0 24.3 36.5#



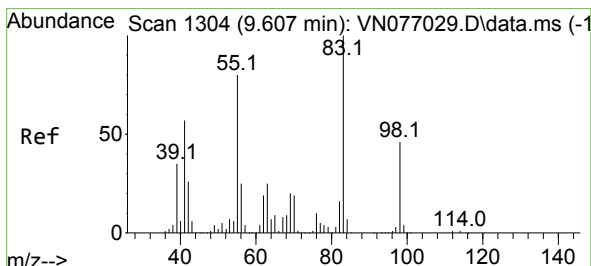
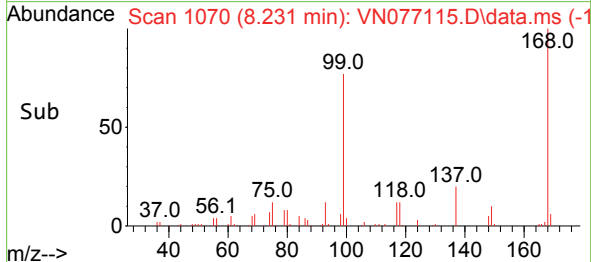
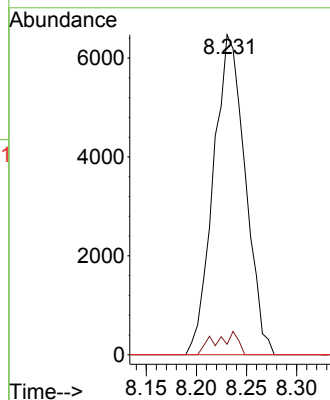


#38
Carbon Tetrachloride
Concen: 5.743 ug/l
RT: 8.231 min Scan# 117
Delta R.T. -0.135 min
Lab File: VN077115.D
Acq: 22 Mar 2023 18:13

Instrument :
MSVOA_N
ClientSampleId :
CB-10-17.5-030823DL

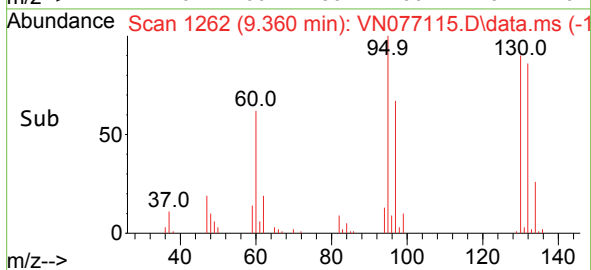
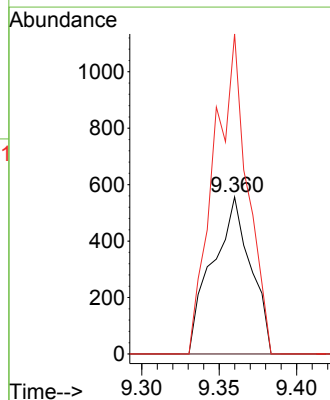
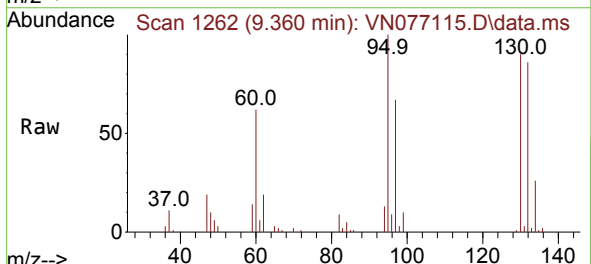


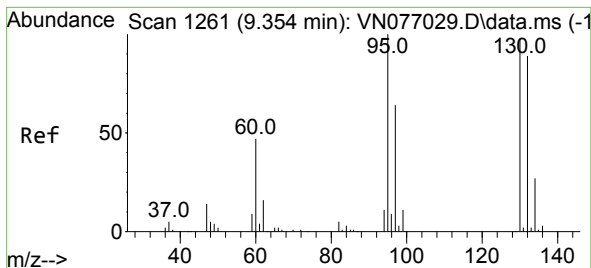
Tgt Ion:117 Resp: 14325
Ion Ratio Lower Upper
117 100
119 3.3 78.2 117.2#
121 0.0 23.2 34.8#



#39
Methylcyclohexane
Concen: 0.319 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. -0.247 min
Lab File: VN077115.D
Acq: 22 Mar 2023 18:13

Tgt Ion: 83 Resp: 955
Ion Ratio Lower Upper
83 100
55 0.0 63.8 95.8#
98 204.0 37.1 55.7#





#44

Trichloroethene

Concen: 37.057 ug/l

RT: 9.354 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VN077115.D

Acq: 22 Mar 2023 18:13

Instrument :

MSVOA_N

ClientSampleId :

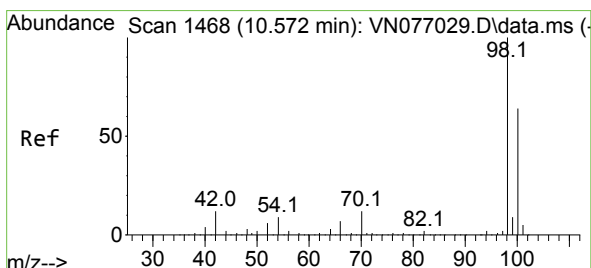
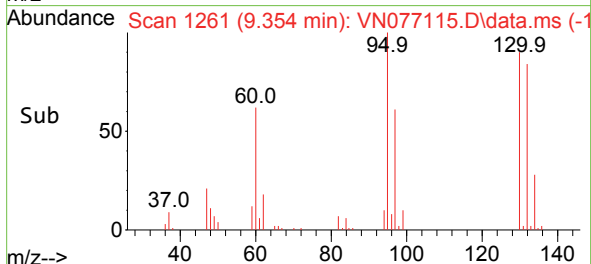
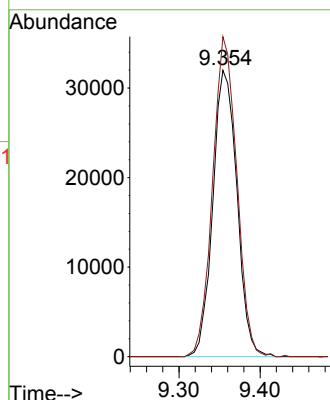
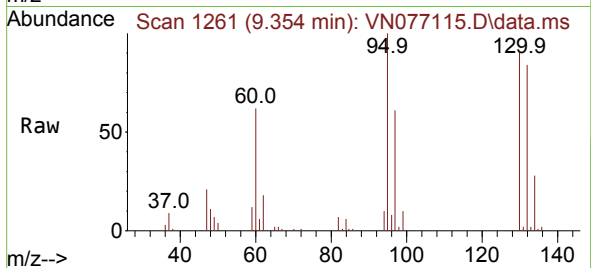
CB-10-17.5-030823DL

Tgt Ion:130 Resp: 66107

Ion Ratio Lower Upper

130 100

95 111.7 0.0 204.4



#50

Toluene-d8

Concen: 51.574 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.000 min

Lab File: VN077115.D

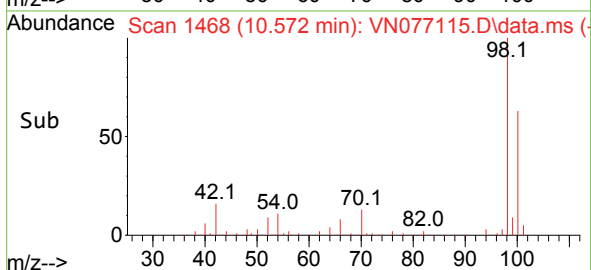
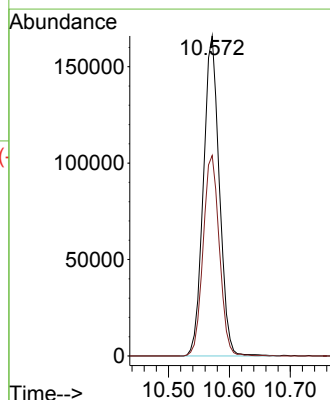
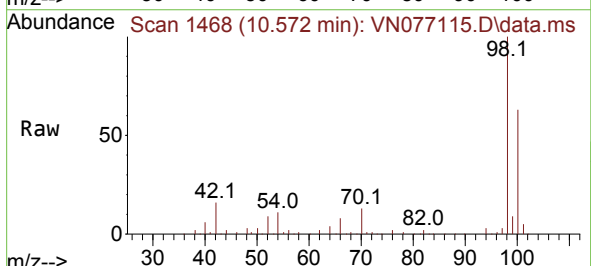
Acq: 22 Mar 2023 18:13

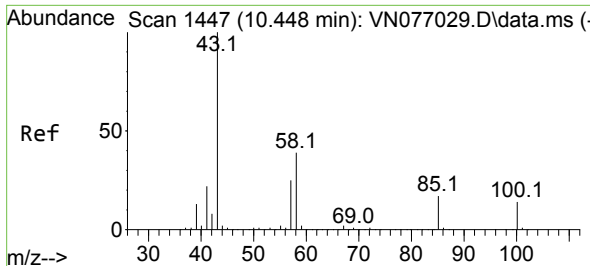
Tgt Ion: 98 Resp: 302055

Ion Ratio Lower Upper

98 100

100 63.6 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 0.658 ug/l

RT: 10.566 min Scan# 1447

Delta R.T. 0.118 min

Lab File: VN077115.D

Acq: 22 Mar 2023 18:13

Instrument :

MSVOA_N

ClientSampleId :

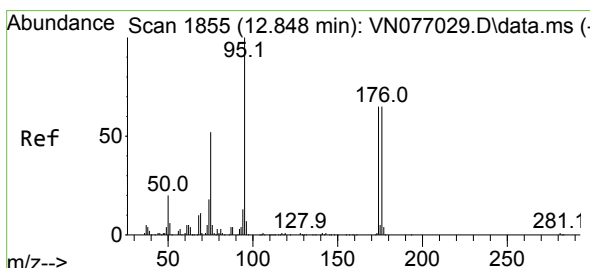
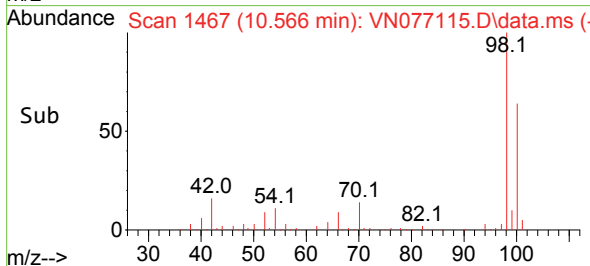
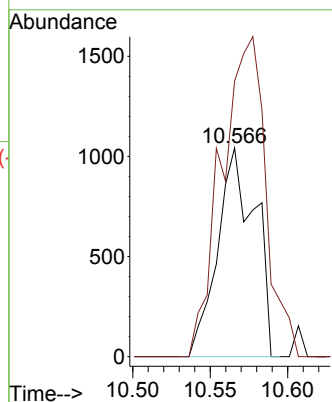
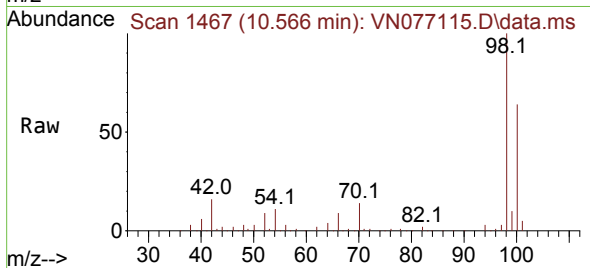
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Tgt Ion: 43 Resp: 1753

Ion Ratio Lower Upper

43 100

58 181.2 31.1 46.7#



#62

4-Bromofluorobenzene

Concen: 42.166 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VN077115.D

Acq: 22 Mar 2023 18:13

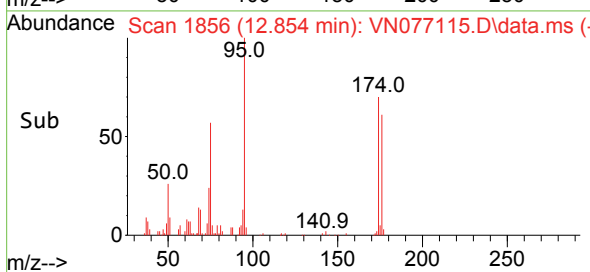
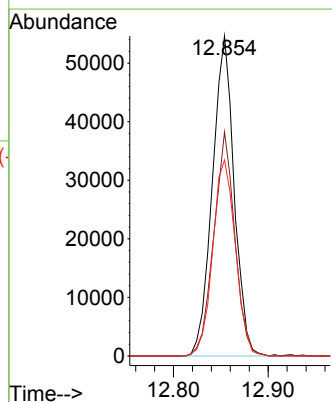
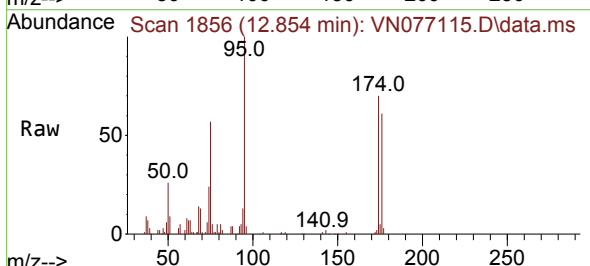
Tgt Ion: 95 Resp: 87265

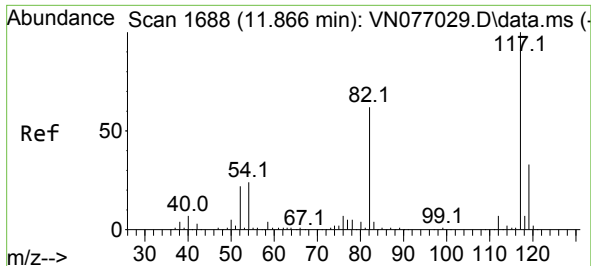
Ion Ratio Lower Upper

95 100

174 67.7 0.0 136.6

176 64.0 0.0 130.0

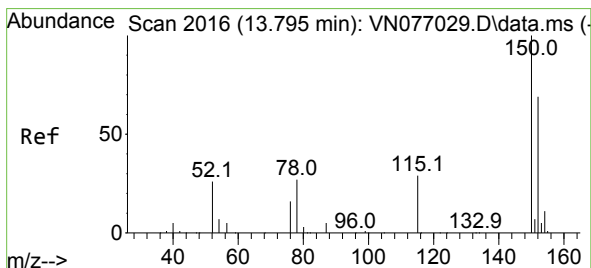
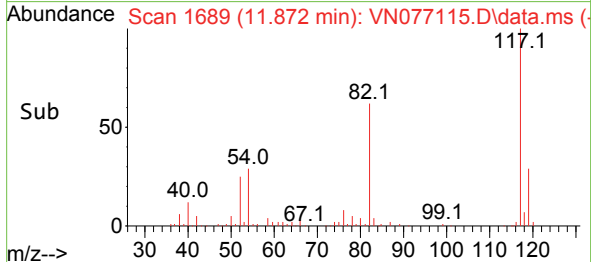
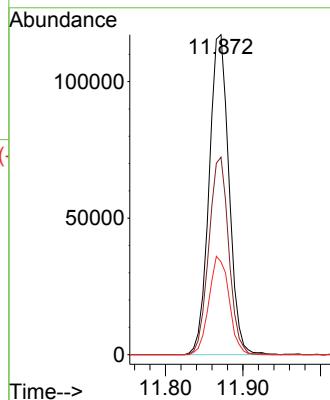
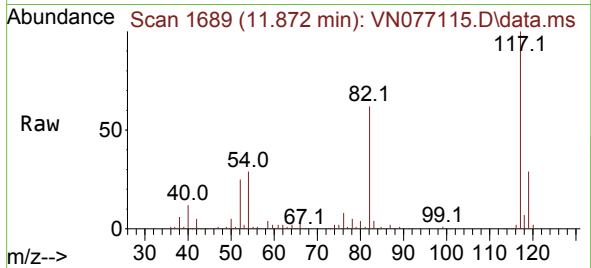




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN077115.D
Acq: 22 Mar 2023 18:13

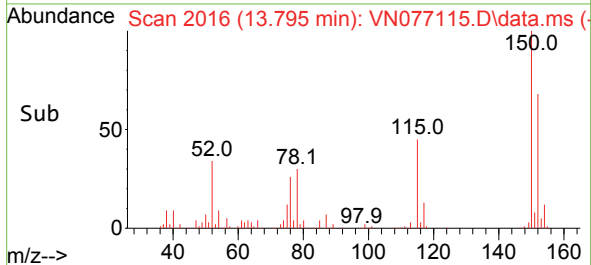
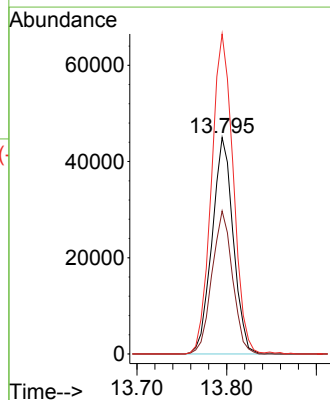
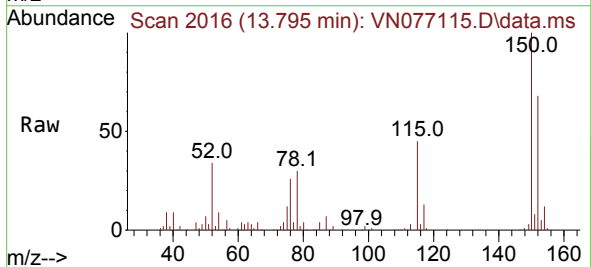
Instrument :
MSVOA_N
ClientSampleId :
CB-10-17.5-030823DL

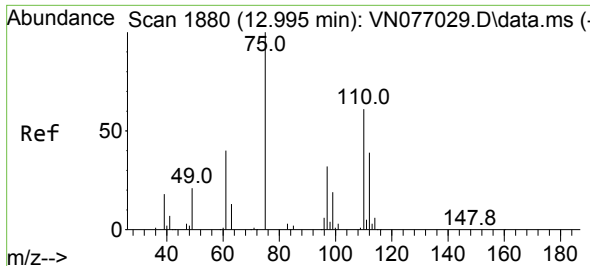
Tgt Ion:117 Resp: 208596
Ion Ratio Lower Upper
117 100
82 61.7 49.4 74.0
119 29.0 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077115.D
Acq: 22 Mar 2023 18:13

Tgt Ion:152 Resp: 73658
Ion Ratio Lower Upper
152 100
115 64.2 31.9 95.7
150 151.9 0.0 348.0

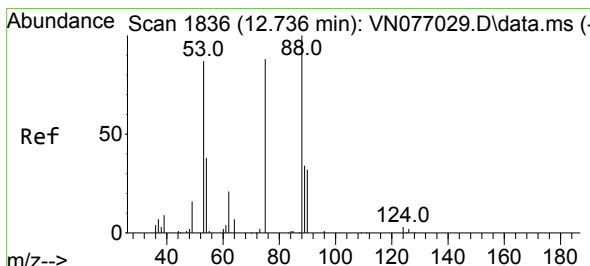
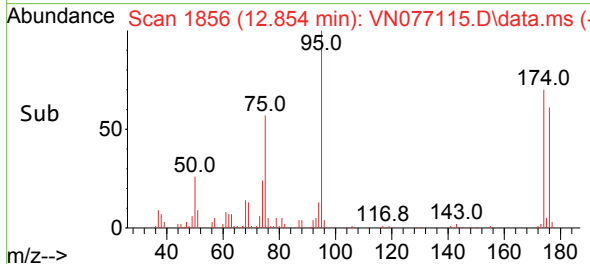
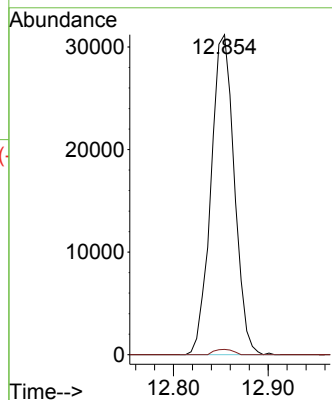
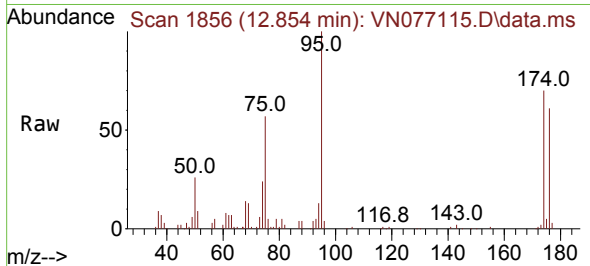




#76
1,2,3-Trichloropropane
Concen: 28.139 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.141 min
Lab File: VN077115.D
Acq: 22 Mar 2023 18:13

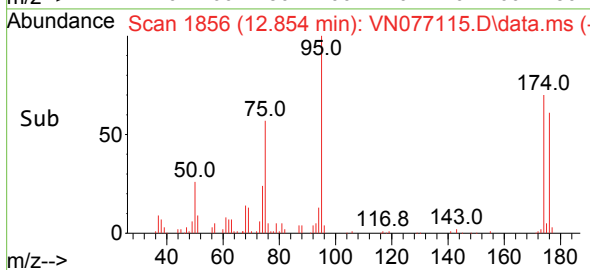
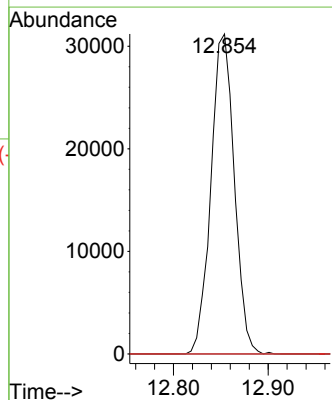
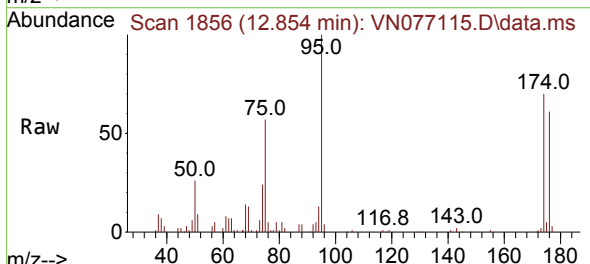
Instrument :
MSVOA_N
ClientSampleId :
CB-10-17.5-030823DL

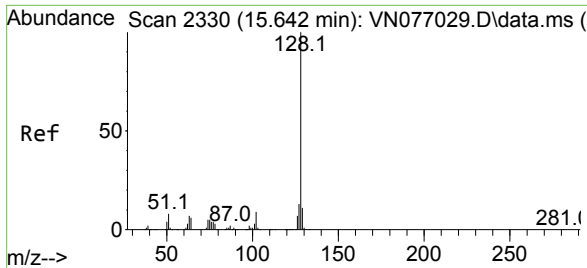
Tgt Ion: 75 Resp: 53613
Ion Ratio Lower Upper
75 100
77 1.3 107.3 322.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.455 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.118 min
Lab File: VN077115.D
Acq: 22 Mar 2023 18:13

Tgt Ion: 75 Resp: 53613
Ion Ratio Lower Upper
75 100
53 0.0 80.8 121.2#
89 0.0 34.2 51.4#





#95

Naphthalene

Concen: 1.923 ug/l

RT: 15.642 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077115.D

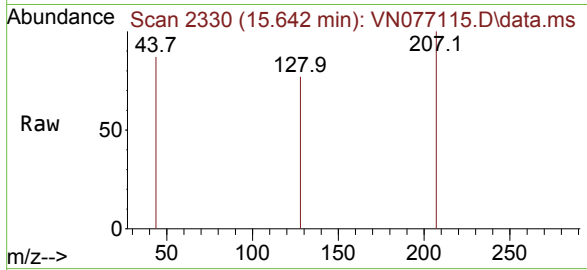
Acq: 22 Mar 2023 18:13

Instrument :

MSVOA_N

ClientSampleId :

CB-10-17.5-030823DL



Tgt Ion:128 Resp: 58

Ion Ratio Lower Upper

128 100

127 0.0 10.0 15.0#

129 0.0 8.6 13.0#

