

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032223\
 Data File : VN077113.D
 Acq On : 22 Mar 2023 17:24
 Operator : JC\MD
 Sample : 01849-01DL 10X
 Misc : 12.53 g/5.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 22 23:26:27 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)

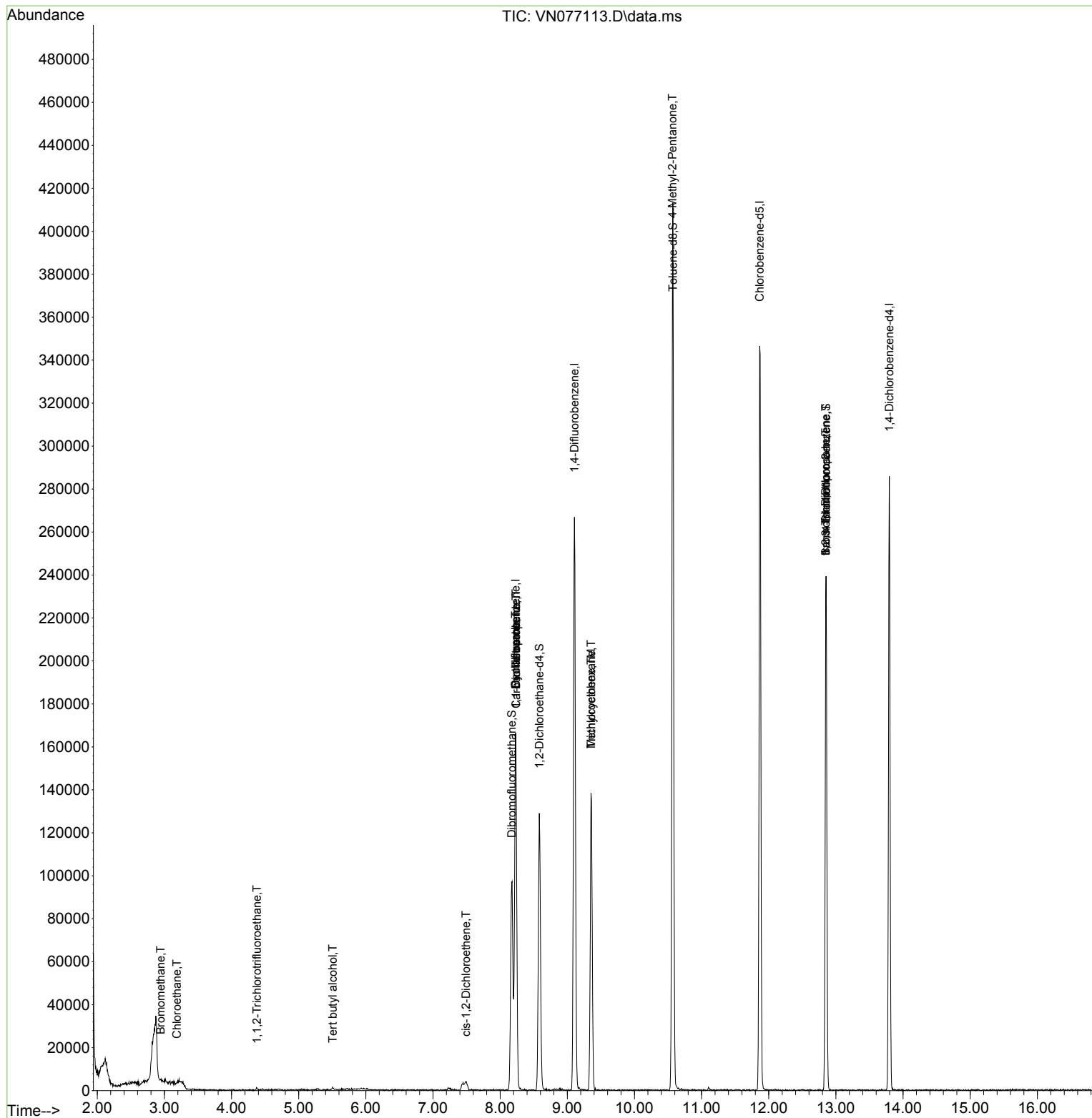
Internal Standards						
1) Pentafluorobenzene	8.231	168	103748	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	205429	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	179247	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	64002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	103431	62.413	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 124.820%	
35) Dibromofluoromethane	8.172	113	69104	48.034	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.060%	
50) Toluene-d8	10.572	98	262328	51.046	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.100%	
62) 4-Bromofluorobenzene	12.854	95	76765	42.273	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 84.540%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.943	94	313	0.411	ug/l #	3
6) Chloroethane	3.184	64	411	0.576	ug/l #	42
9) 1,1,2-Trichlorotrifluo...	4.378	101	539	0.391	ug/l #	71
11) Tert butyl alcohol	5.507	59	615	2.547	ug/l #	72
27) cis-1,2-Dichloroethene	7.489	96	2307	1.475	ug/l #	75
31) Cyclohexane	8.231	56	3817	1.408	ug/l #	44
36) 1,1-Dichloropropene	8.236	75	12226	5.441	ug/l #	50
38) Carbon Tetrachloride	8.236	117	13654	6.238	ug/l #	16
39) Methylcyclohexane	9.354	83	655	0.249	ug/l #	2
44) Trichloroethene	9.354	130	42822	27.357	ug/l	88
51) 4-Methyl-2-Pentanone	10.566	43	1696	0.725	ug/l #	1
71) Bromoform	12.848	173	432	0.418	ug/l #	1
76) 1,2,3-Trichloropropane	12.848	75	47469	28.674	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.848	75	47469	78.926	ug/l #	10

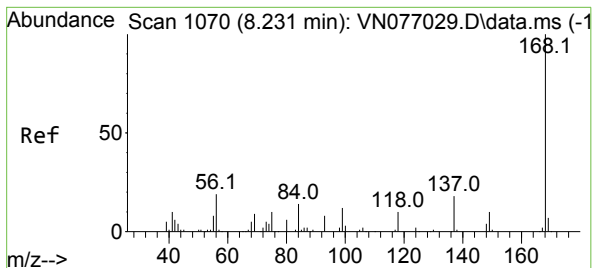
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
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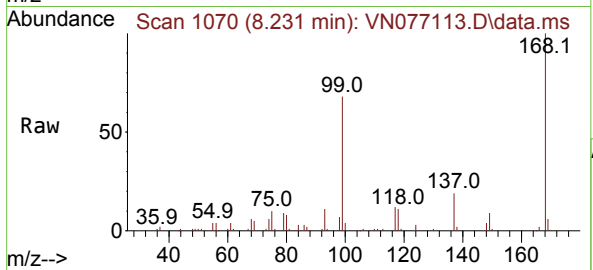
Quant Time: Mar 22 23:26:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 20 08:50:30 2023
Response via : Initial Calibration



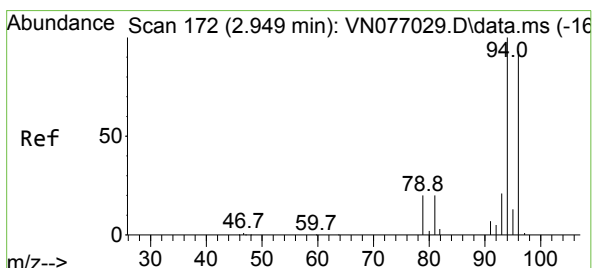
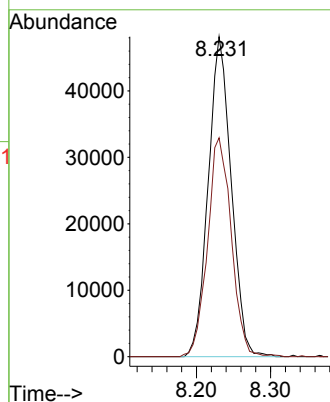
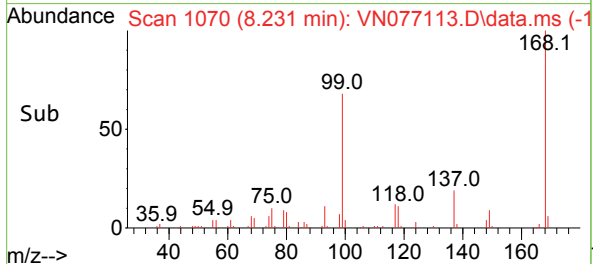


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077113.D
Acq: 22 Mar 2023 17:24

Instrument :
MSVOA_N
ClientSampleId :

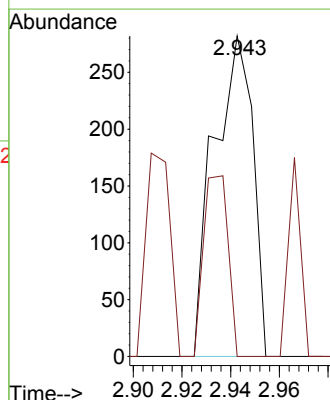
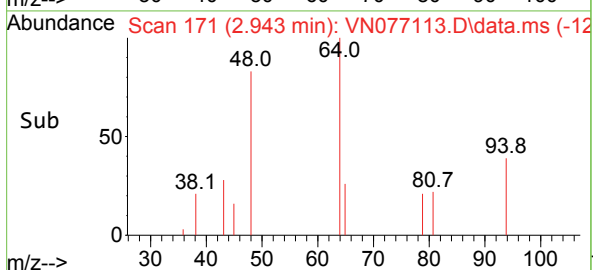
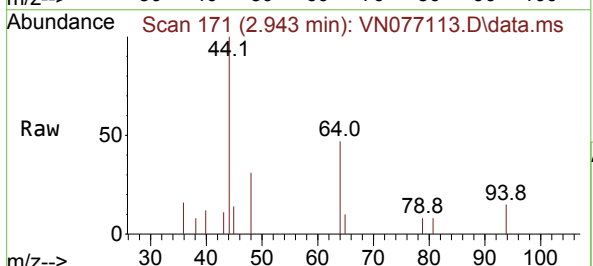


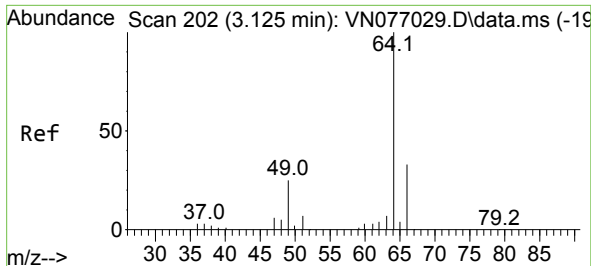
Tgt Ion:168 Resp: 103748
Ion Ratio Lower Upper
168 100
99 68.4 53.9 80.9



#5
Bromomethane
Concen: 0.411 ug/l
RT: 2.943 min Scan# 171
Delta R.T. -0.006 min
Lab File: VN077113.D
Acq: 22 Mar 2023 17:24

Tgt Ion: 94 Resp: 313
Ion Ratio Lower Upper
94 100
96 0.0 74.1 111.1#

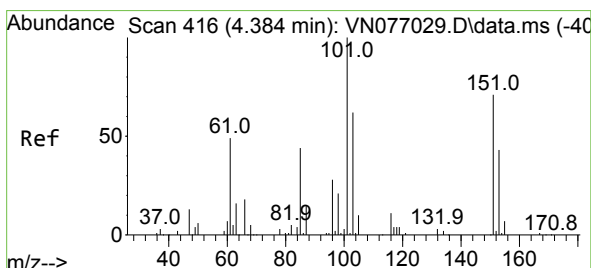
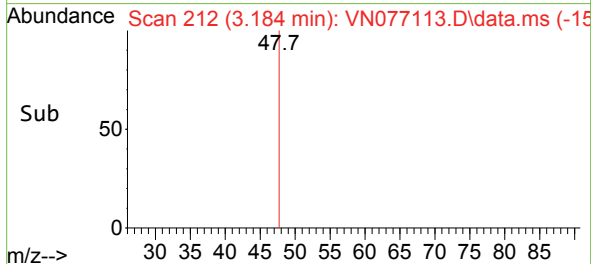
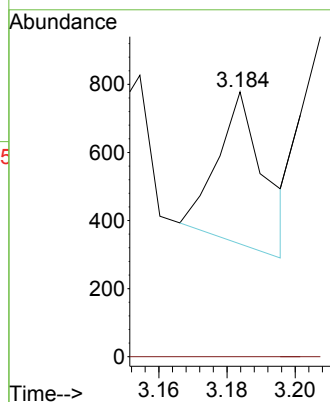
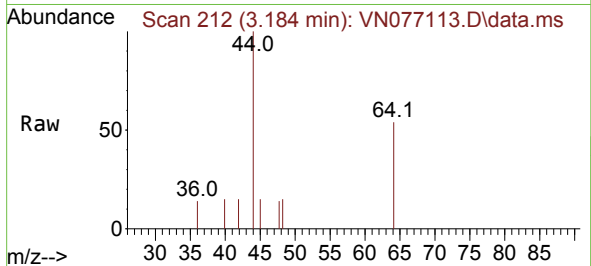




#6
Chloroethane
Concen: 0.576 ug/l
RT: 3.184 min Scan# 211
Delta R.T. 0.059 min
Lab File: VN077113.D
Acq: 22 Mar 2023 17:24

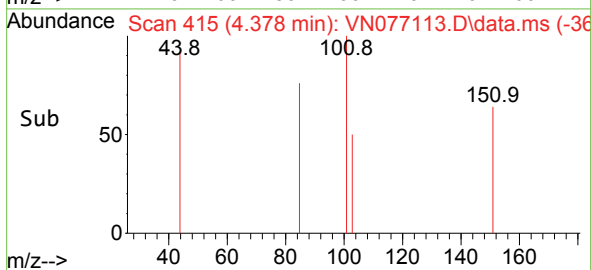
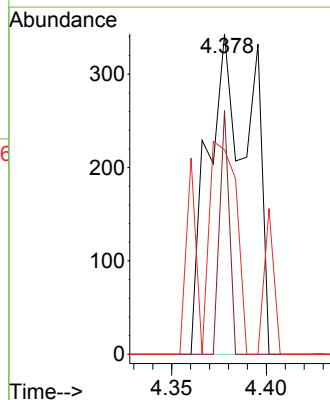
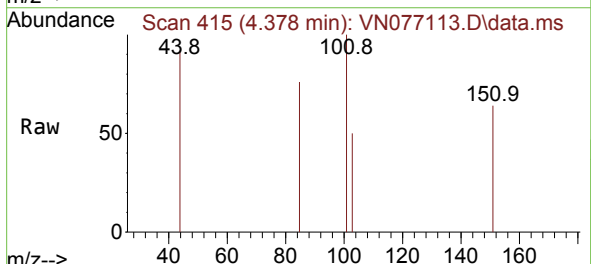
Instrument :
MSVOA_N
ClientSampleId :

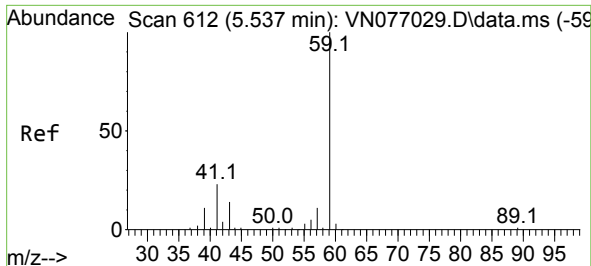
Tgt Ion: 64 Resp: 411
Ion Ratio Lower Upper
64 100
66 0.0 26.3 39.5#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.391 ug/l
RT: 4.378 min Scan# 415
Delta R.T. -0.006 min
Lab File: VN077113.D
Acq: 22 Mar 2023 17:24

Tgt Ion: 101 Resp: 539
Ion Ratio Lower Upper
101 100
85 17.1 36.6 55.0#
151 55.3 56.9 85.3#

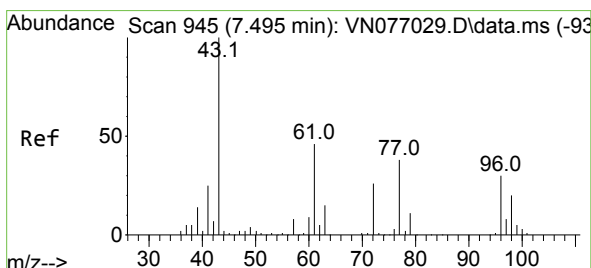
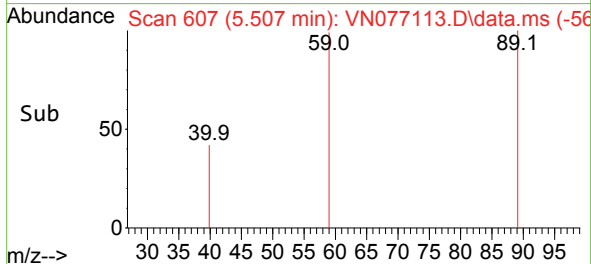
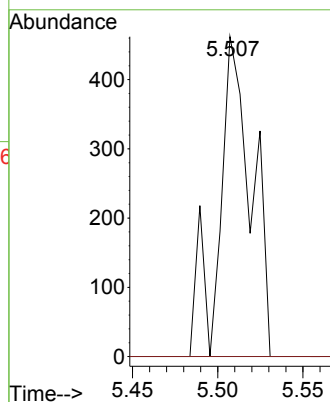
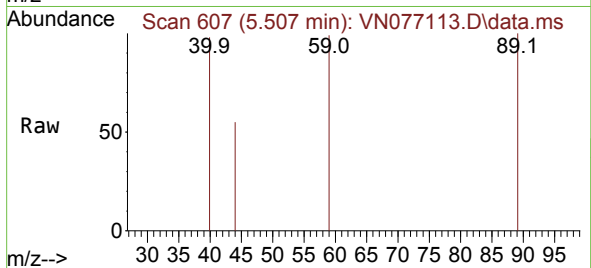




#11
Tert butyl alcohol
Concen: 2.547 ug/l
RT: 5.507 min Scan# 607
Delta R.T. -0.030 min
Lab File: VN077113.D
Acq: 22 Mar 2023 17:24

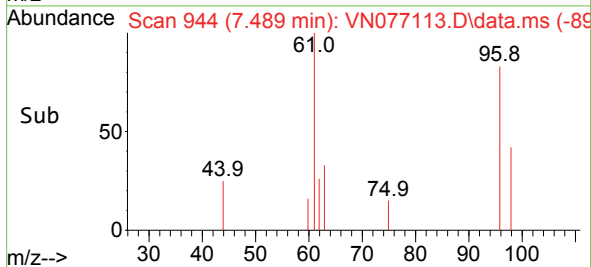
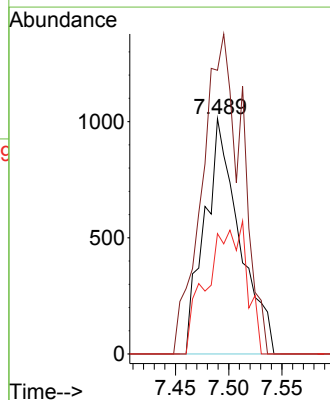
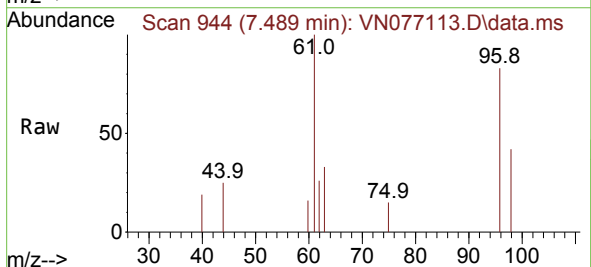
Instrument :
MSVOA_N
ClientSampleId :

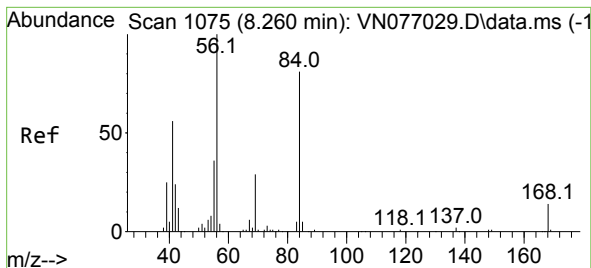
Tgt Ion: 59 Resp: 615
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#27
cis-1,2-Dichloroethene
Concen: 1.475 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.006 min
Lab File: VN077113.D
Acq: 22 Mar 2023 17:24

Tgt Ion: 96 Resp: 2307
Ion Ratio Lower Upper
96 100
61 155.8 0.0 315.4
98 0.0 0.0 128.6





#31

Cyclohexane

Concen: 1.408 ug/l

RT: 8.231 min Scan# 1075

Delta R.T. -0.029 min

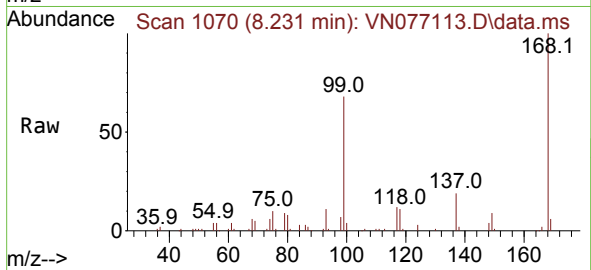
Lab File: VN077113.D

Acq: 22 Mar 2023 17:24

Instrument :

MSVOA_N

ClientSampleId :



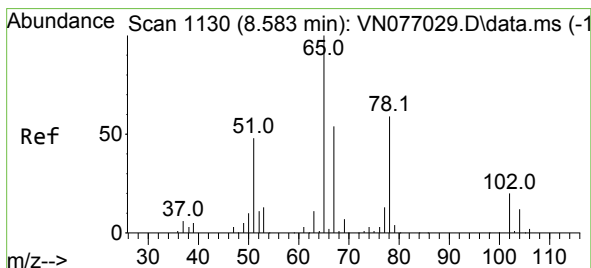
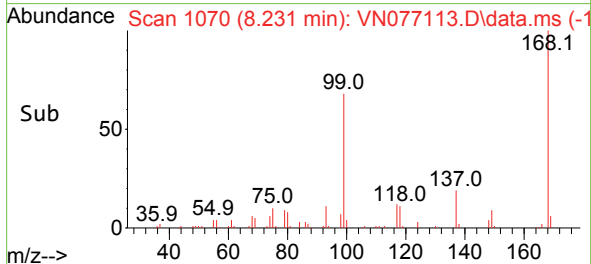
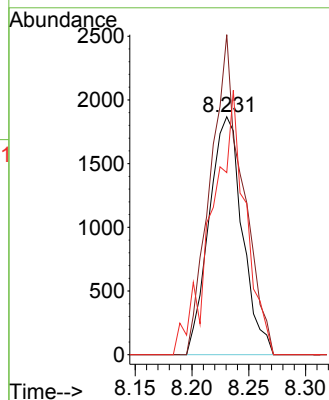
Tgt Ion: 56 Resp: 3817

Ion Ratio Lower Upper

56 100

69 134.5 22.8 34.2#

84 76.6 64.7 97.1



#33

1,2-Dichloroethane-d4

Concen: 62.413 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077113.D

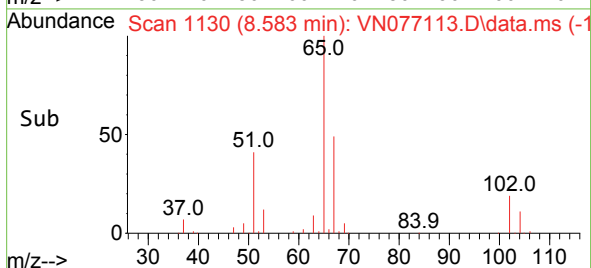
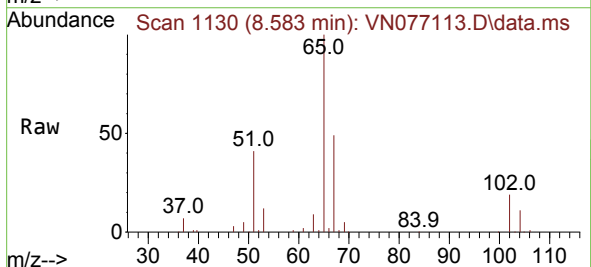
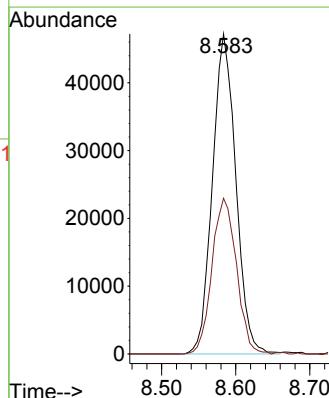
Acq: 22 Mar 2023 17:24

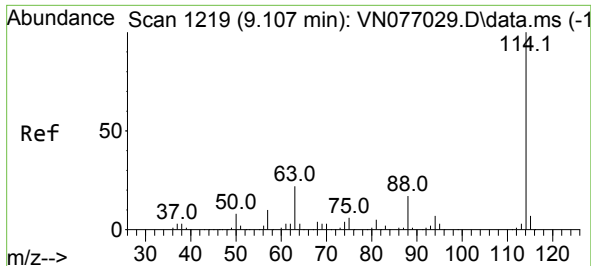
Tgt Ion: 65 Resp: 103431

Ion Ratio Lower Upper

65 100

67 51.0 0.0 105.2

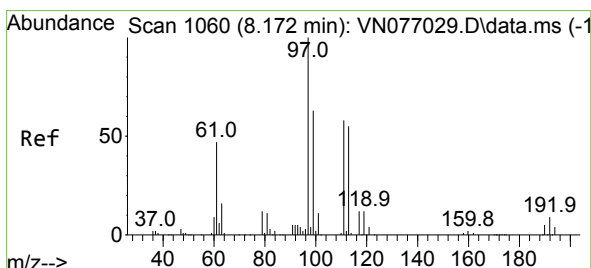
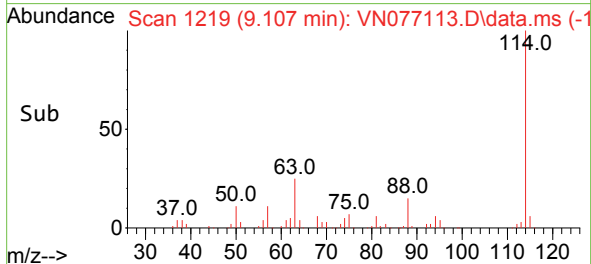
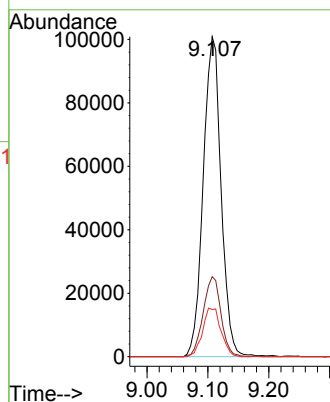
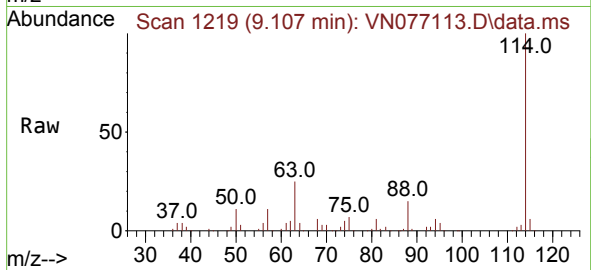




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077113.D
Acq: 22 Mar 2023 17:24

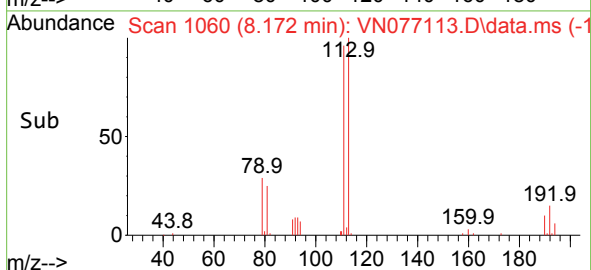
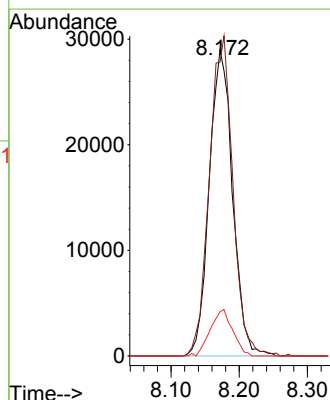
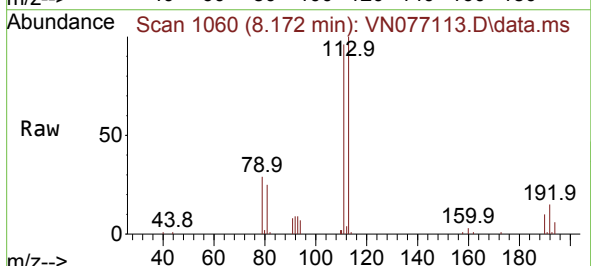
Instrument :
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ClientSampleId :

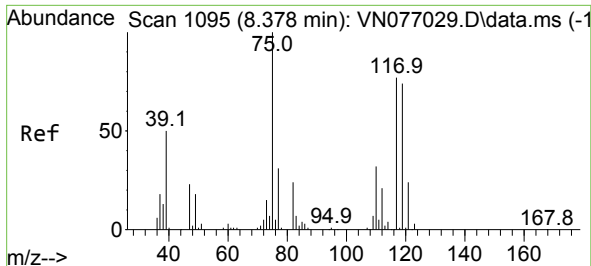
Tgt Ion:114 Resp: 205429
Ion Ratio Lower Upper
114 100
63 25.0 0.0 44.6
88 14.7 0.0 33.8



#35
Dibromofluoromethane
Concen: 48.034 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN077113.D
Acq: 22 Mar 2023 17:24

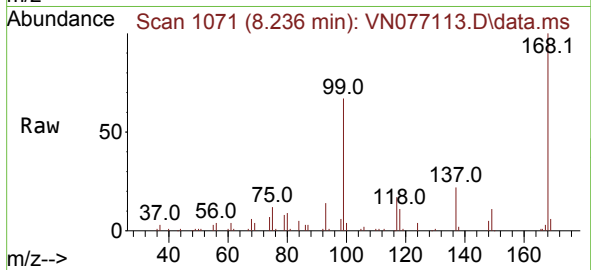
Tgt Ion:113 Resp: 69104
Ion Ratio Lower Upper
113 100
111 105.1 82.2 123.2
192 14.5 13.0 19.6



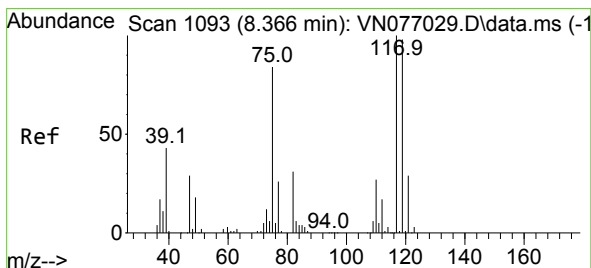
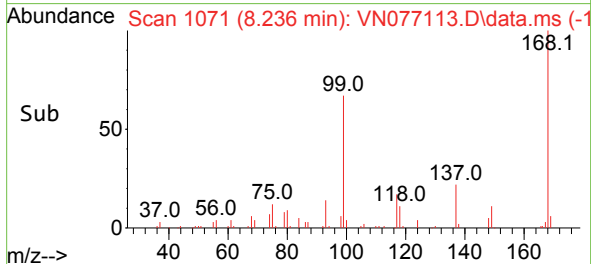
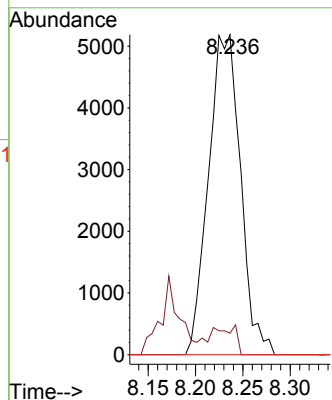


#36
1,1-Dichloropropene
Concen: 5.441 ug/l
RT: 8.236 min Scan# 1071
Delta R.T. -0.141 min
Lab File: VN077113.D
Acq: 22 Mar 2023 17:24

Instrument :
MSVOA_N
ClientSampleId :

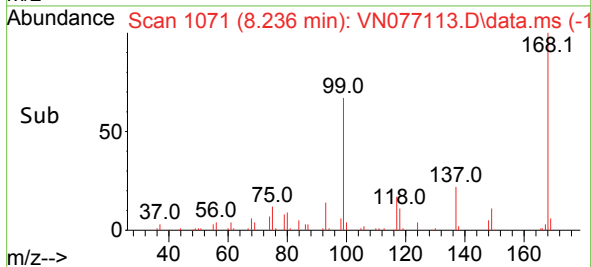
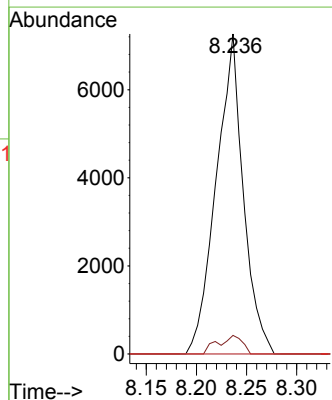
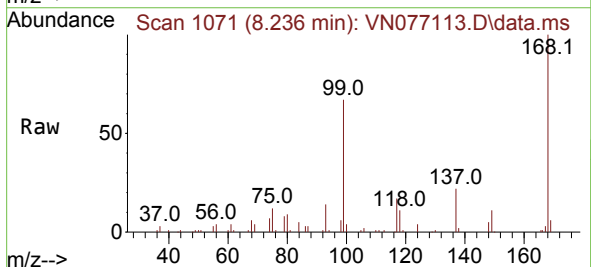


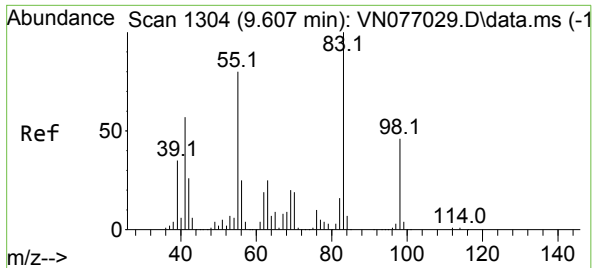
Tgt Ion: 75 Resp: 12226
Ion Ratio Lower Upper
75 100
110 7.3 15.9 47.7#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.238 ug/l
RT: 8.236 min Scan# 1071
Delta R.T. -0.129 min
Lab File: VN077113.D
Acq: 22 Mar 2023 17:24

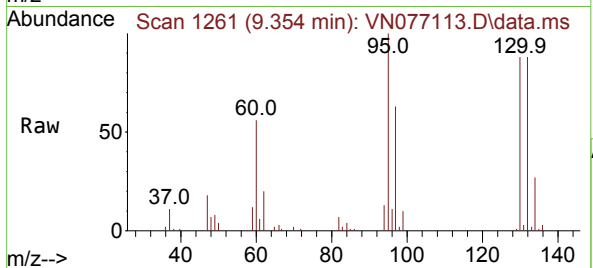
Tgt Ion: 117 Resp: 13654
Ion Ratio Lower Upper
117 100
119 5.8 78.2 117.2#
121 0.0 23.2 34.8#



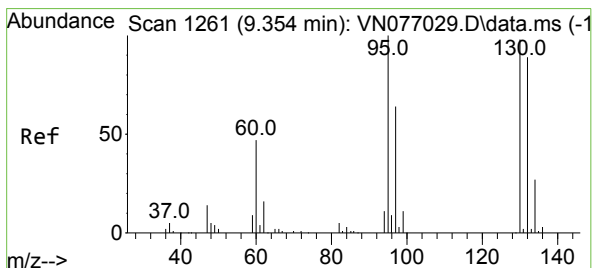
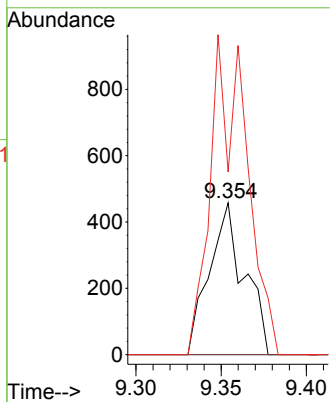
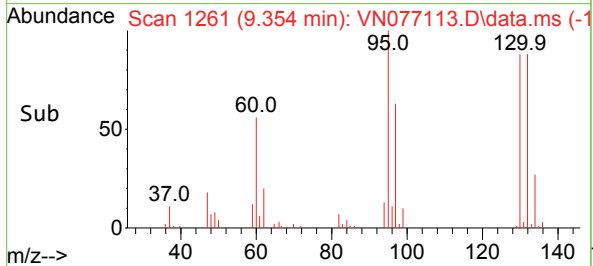


#39
Methylcyclohexane
Concen: 0.249 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.253 min
Lab File: VN077113.D
Acq: 22 Mar 2023 17:24

Instrument :
MSVOA_N
ClientSampleId :

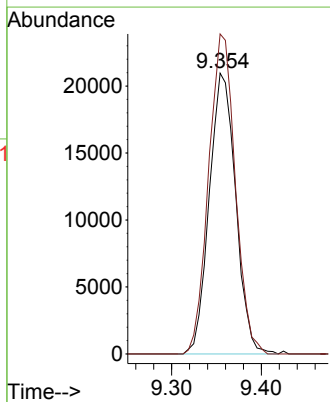
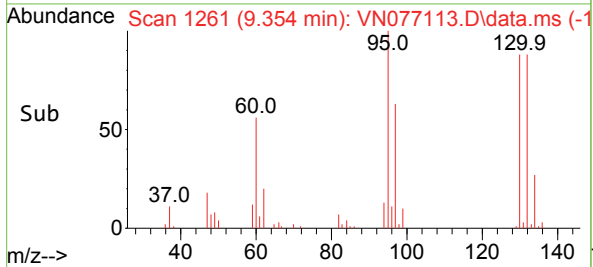
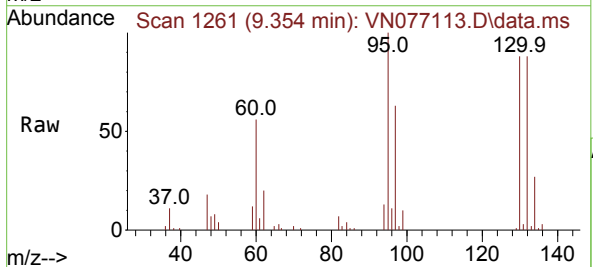


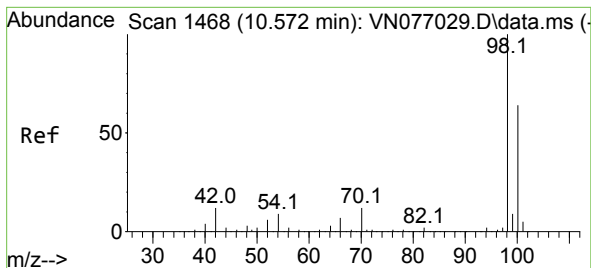
Tgt Ion: 83 Resp: 655
Ion Ratio Lower Upper
83 100
55 0.0 63.8 95.8#
98 120.3 37.1 55.7#



#44
Trichloroethene
Concen: 27.357 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VN077113.D
Acq: 22 Mar 2023 17:24

Tgt Ion: 130 Resp: 42822
Ion Ratio Lower Upper
130 100
95 113.9 0.0 204.4





#50

Toluene-d8

Concen: 51.046 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.000 min

Lab File: VN077113.D

Acq: 22 Mar 2023 17:24

Instrument :

MSVOA_N

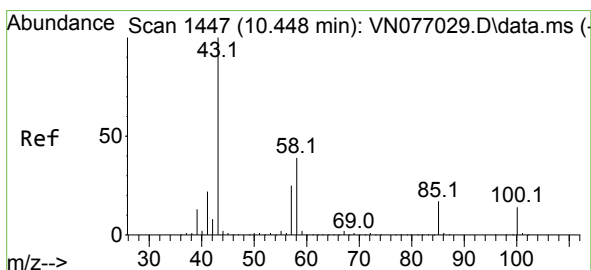
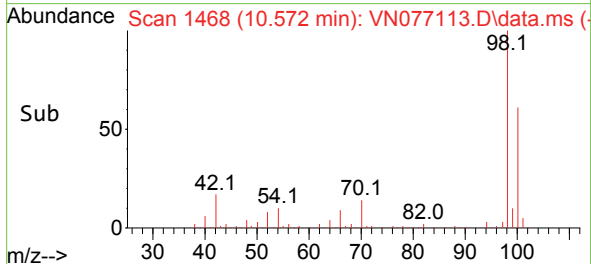
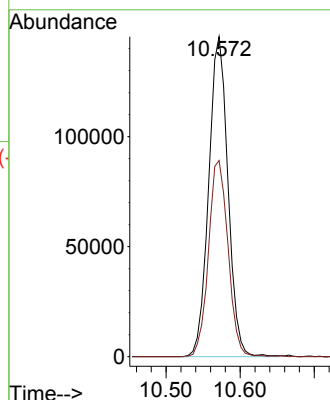
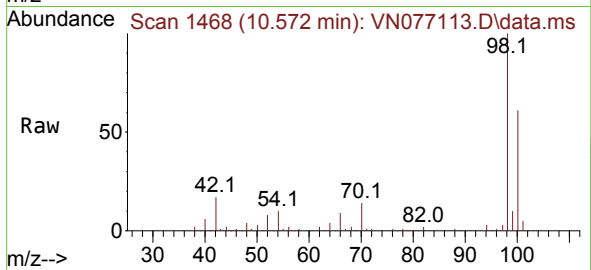
ClientSampleId :

Tgt Ion: 98 Resp: 262328

Ion Ratio Lower Upper

98 100

100 62.3 51.6 77.4



#51

4-Methyl-2-Pentanone

Concen: 0.725 ug/l

RT: 10.566 min Scan# 1467

Delta R.T. 0.118 min

Lab File: VN077113.D

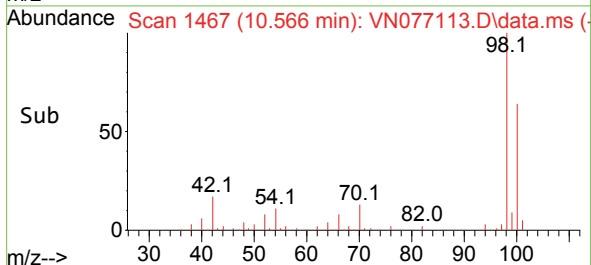
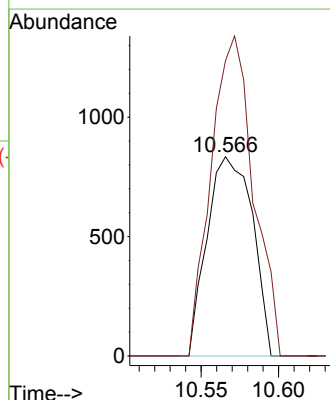
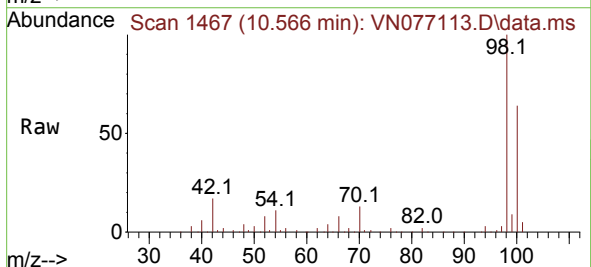
Acq: 22 Mar 2023 17:24

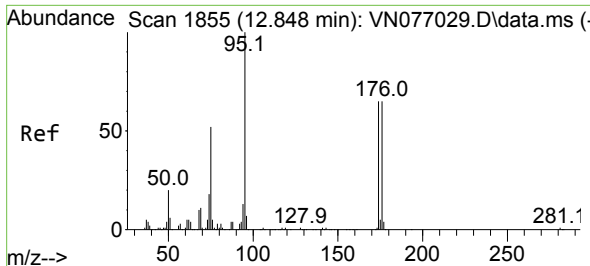
Tgt Ion: 43 Resp: 1696

Ion Ratio Lower Upper

43 100

58 150.5 31.1 46.7#

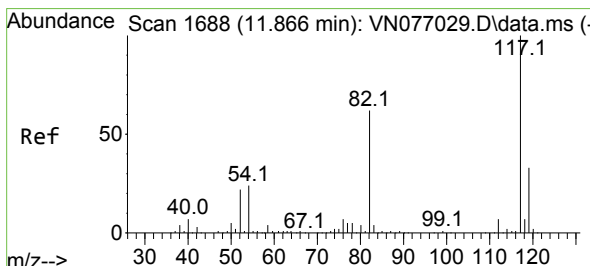
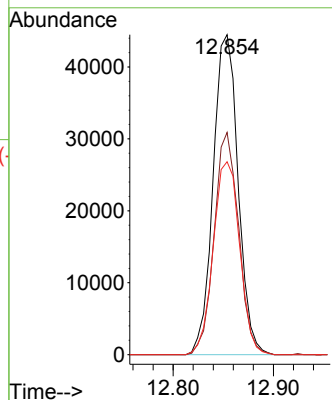
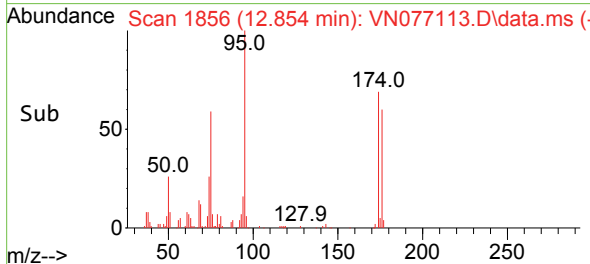
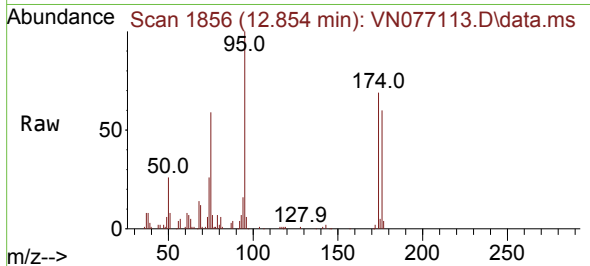




#62
4-Bromofluorobenzene
Concen: 42.273 ug/l
RT: 12.854 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN077113.D
Acq: 22 Mar 2023 17:24

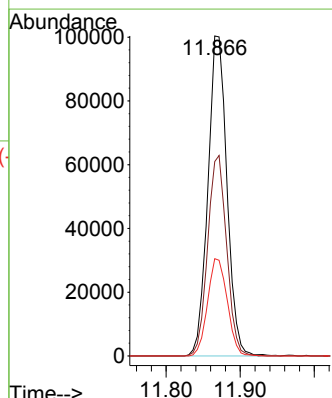
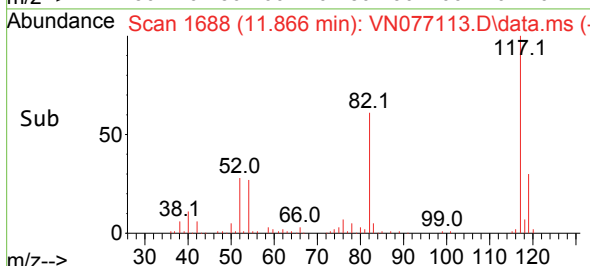
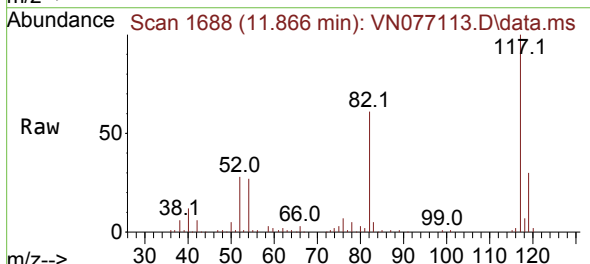
Instrument :
MSVOA_N
ClientSampleId :

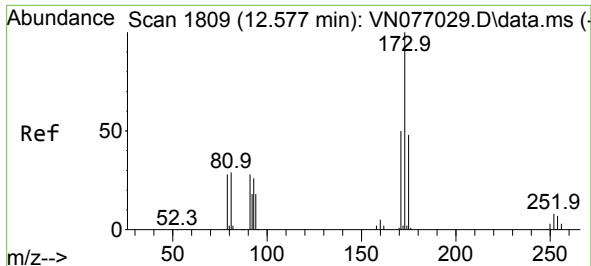
Tgt Ion: 95 Resp: 76765
Ion Ratio Lower Upper
95 100
174 68.0 0.0 136.6
176 63.9 0.0 130.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077113.D
Acq: 22 Mar 2023 17:24

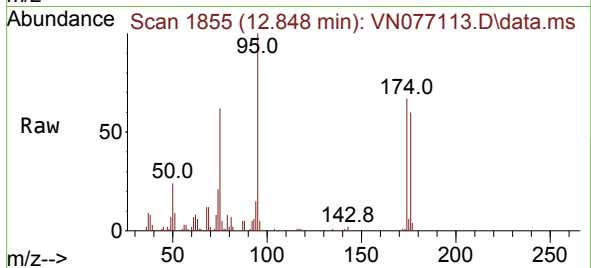
Tgt Ion: 117 Resp: 179247
Ion Ratio Lower Upper
117 100
82 60.8 49.4 74.0
119 30.4 26.5 39.7



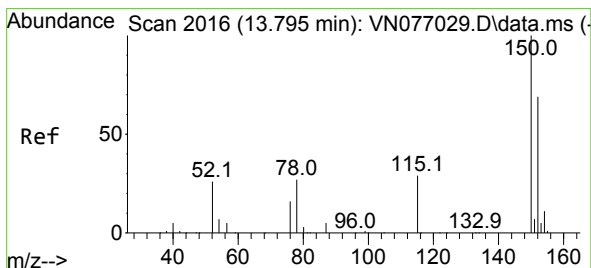
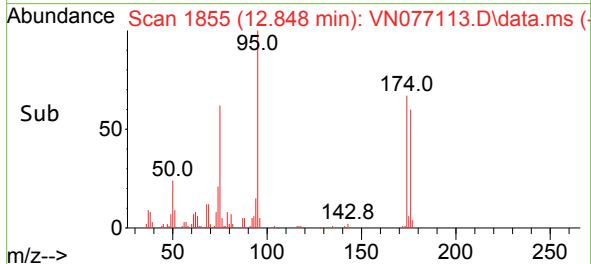
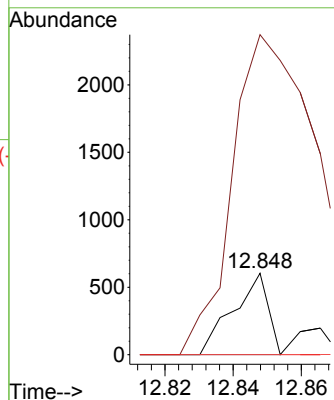


#71
Bromoform
Concen: 0.418 ug/l
RT: 12.848 min Scan# 1809
Delta R.T. 0.271 min
Lab File: VN077113.D
Acq: 22 Mar 2023 17:24

Instrument :
MSVOA_N
ClientSampleId :

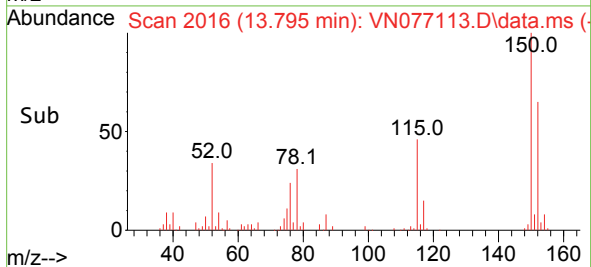
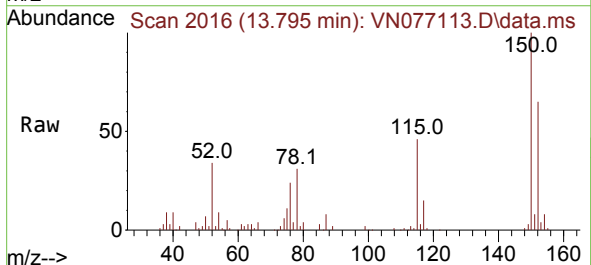
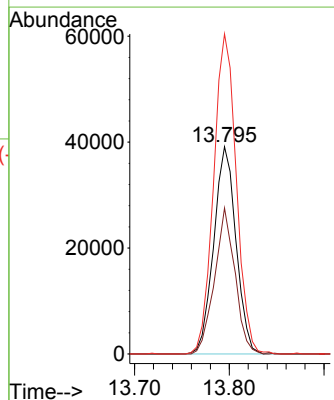


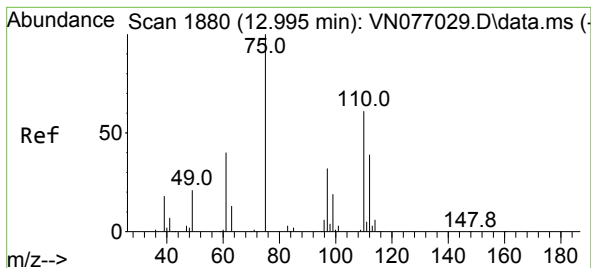
Tgt Ion:173 Resp: 432
Ion Ratio Lower Upper
173 100
175 590.7 24.5 73.5#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077113.D
Acq: 22 Mar 2023 17:24

Tgt Ion:152 Resp: 64002
Ion Ratio Lower Upper
152 100
115 64.4 31.9 95.7
150 156.9 0.0 348.0





#76

1,2,3-Trichloropropane

Concen: 28.674 ug/l

RT: 12.848 min Scan# 1855

Delta R.T. -0.147 min

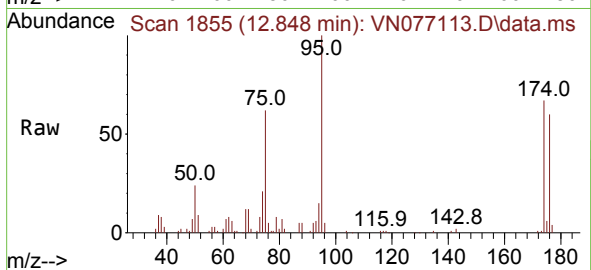
Lab File: VN077113.D

Acq: 22 Mar 2023 17:24

Instrument :

MSVOA_N

ClientSampleId :

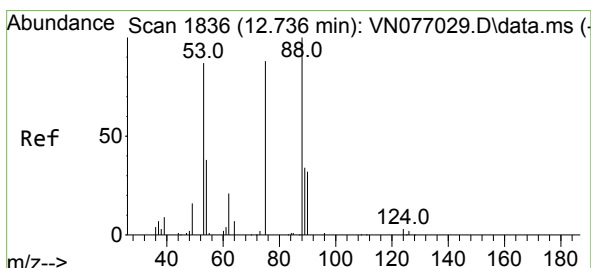
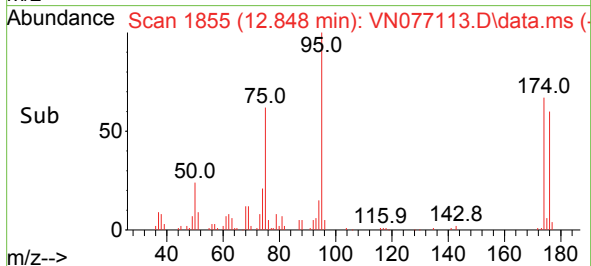
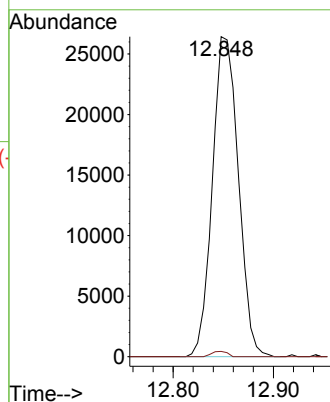


Tgt Ion: 75 Resp: 47469

Ion Ratio Lower Upper

75 100

77 1.0 107.3 322.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 78.926 ug/l

RT: 12.848 min Scan# 1855

Delta R.T. 0.112 min

Lab File: VN077113.D

Acq: 22 Mar 2023 17:24

Tgt Ion: 75 Resp: 47469

Ion Ratio Lower Upper

75 100

53 0.0 80.8 121.2#

89 0.0 34.2 51.4#

