

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022223\
 Data File : VN076765.D
 Acq On : 22 Feb 2023 12:33
 Operator : JC\MD
 Sample : VN0222WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0222WBL01

Quant Time: Feb 22 23:56:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

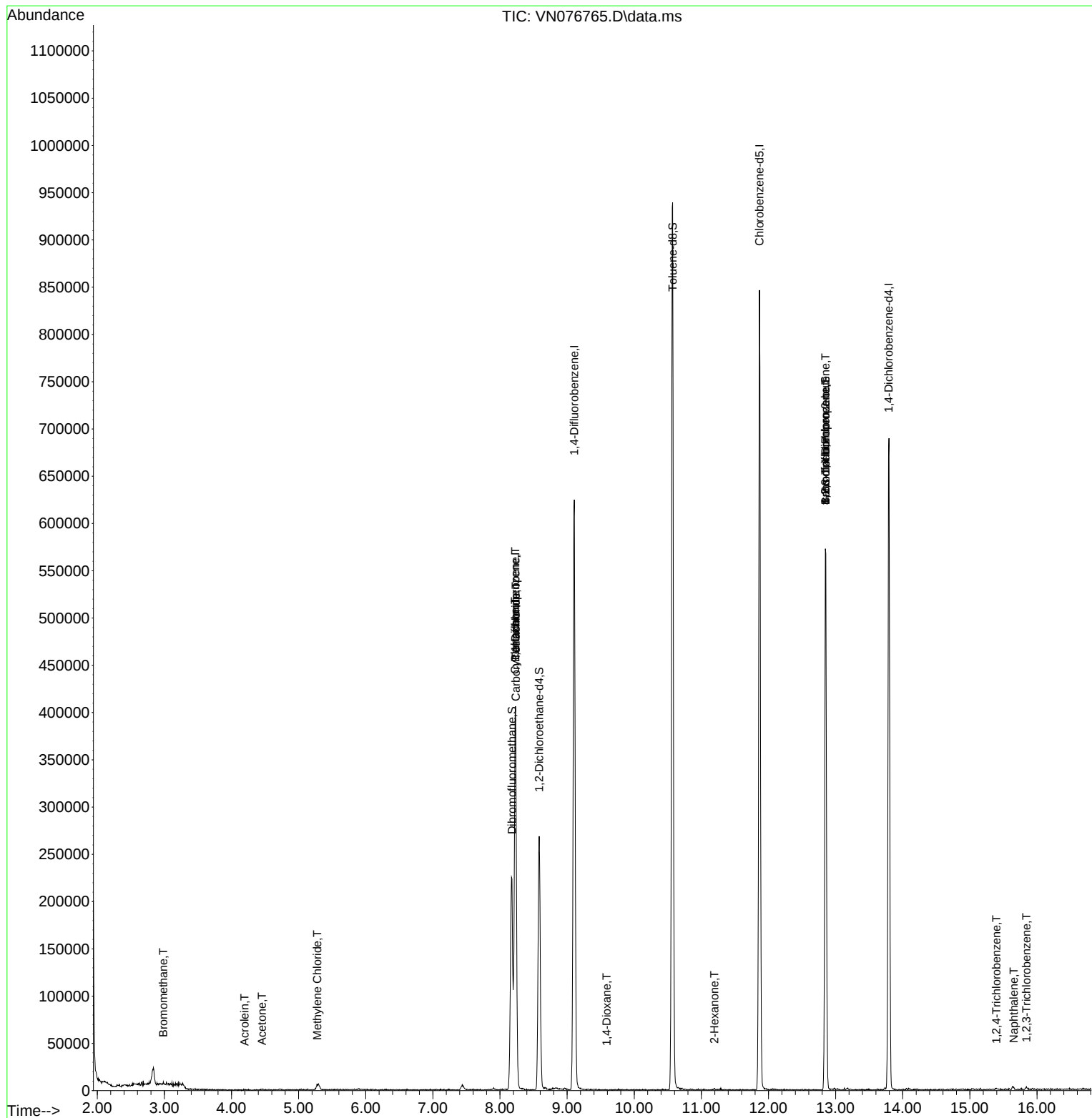
Internal Standards						
1) Pentafluorobenzene	8.231	168	288986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	521060	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	455543	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.789	152	176104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	211647	53.038	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.080%	
35) Dibromofluoromethane	8.178	113	161332	47.279	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.560%	
50) Toluene-d8	10.572	98	636031	49.910	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.820%	
62) 4-Bromofluorobenzene	12.848	95	184845	43.795	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 87.580%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.984	94	1009	0.423	ug/l	91
13) Acrolein	4.196	56	170	0.215	ug/l	92
16) Acetone	4.454	43	647	0.363	ug/l #	42
20) Methylene Chloride	5.278	84	2677	0.717	ug/l #	54
31) Cyclohexane	8.225	56	8342	1.333	ug/l #	27
36) 1,1-Dichloropropene	8.231	75	26279	5.330	ug/l #	48
38) Carbon Tetrachloride	8.237	117	32207	6.476	ug/l #	16
49) 1,4-Dioxane	9.589	88	78	1.126	ug/l #	1
59) 2-Hexanone	11.195	43	1230	0.318	ug/l	69
71) Bromoform	12.848	173	2651	1.031	ug/l #	1
76) 1,2,3-Trichloropropane	12.848	75	107583	30.217	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.848	75	107583	88.010	ug/l #	4
93) 1,2,4-Trichlorobenzene	15.395	180	703	0.226	ug/l	88
95) Naphthalene	15.654	128	3600	0.381	ug/l #	85
96) 1,2,3-Trichlorobenzene	15.842	180	960	0.318	ug/l #	72

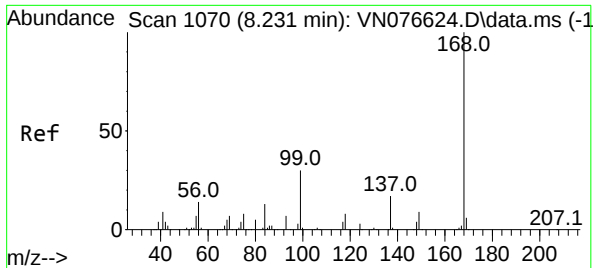
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022223\
Data File : VN076765.D
Acq On : 22 Feb 2023 12:33
Operator : JC\MD
Sample : VN0222WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBL01

Quant Time: Feb 22 23:56:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 14 01:44:47 2023
Response via : Initial Calibration

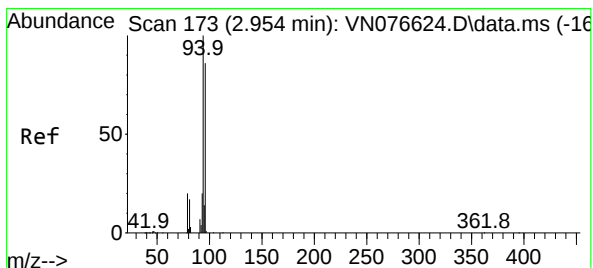
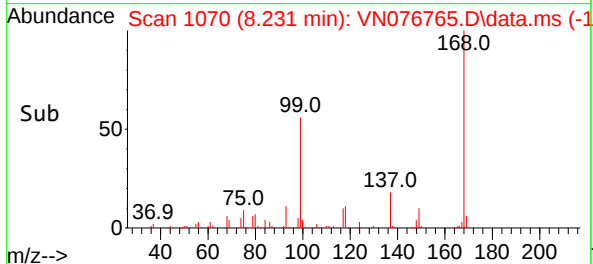
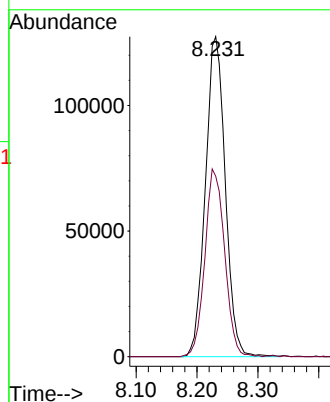
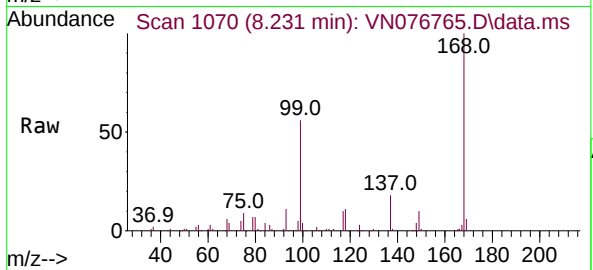




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076765.D
Acq: 22 Feb 2023 12:33

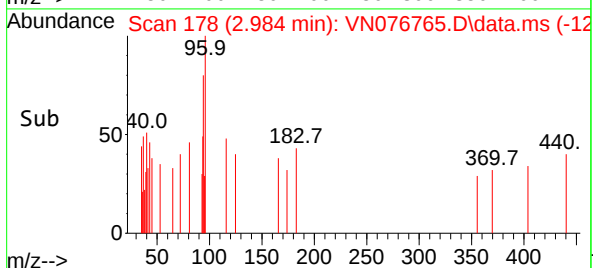
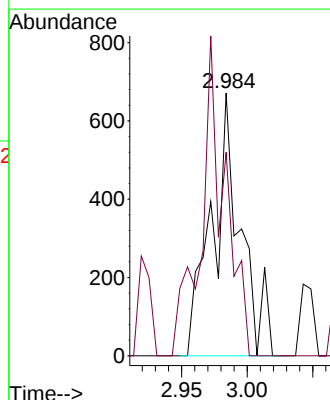
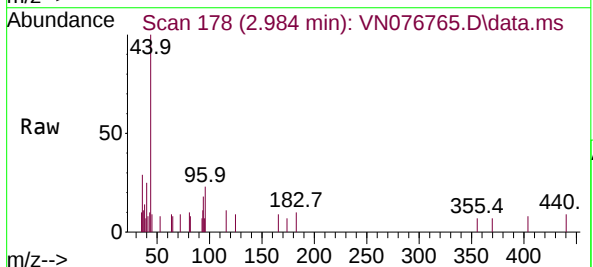
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBL01

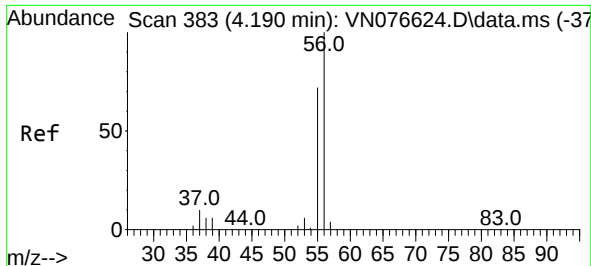
Tgt Ion:168 Resp: 288986
Ion Ratio Lower Upper
168 100
99 56.4 44.8 67.2



#5
Bromomethane
Concen: 0.423 ug/l
RT: 2.984 min Scan# 178
Delta R.T. 0.030 min
Lab File: VN076765.D
Acq: 22 Feb 2023 12:33

Tgt Ion: 94 Resp: 1009
Ion Ratio Lower Upper
94 100
96 77.5 69.0 103.4





#13

Acrolein

Concen: 0.215 ug/l

RT: 4.196 min Scan# 383

Delta R.T. 0.006 min

Lab File: VN076765.D

Acq: 22 Feb 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

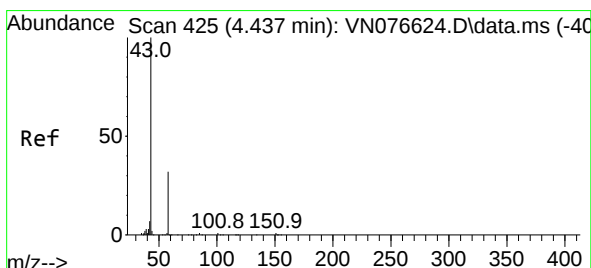
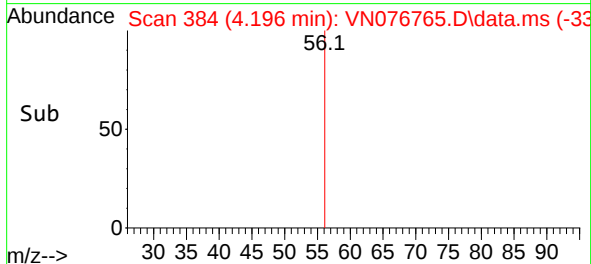
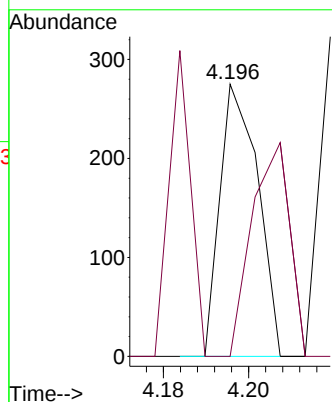
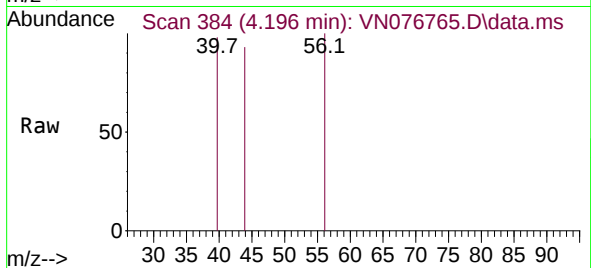
VN0222WBL01

Tgt Ion: 56 Resp: 170

Ion Ratio Lower Upper

56 100

55 64.1 56.3 84.5



#16

Acetone

Concen: 0.363 ug/l

RT: 4.454 min Scan# 428

Delta R.T. 0.017 min

Lab File: VN076765.D

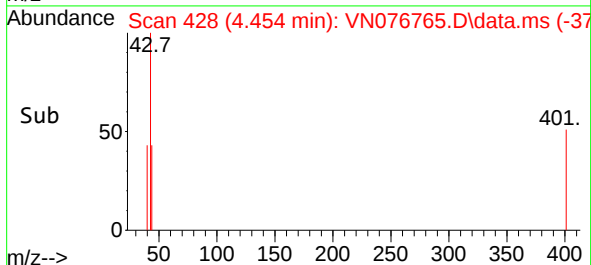
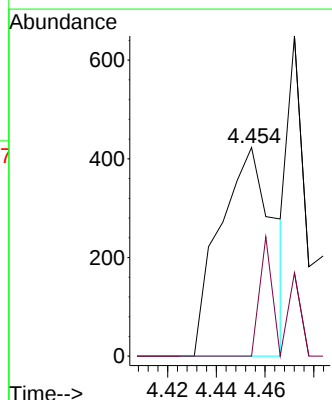
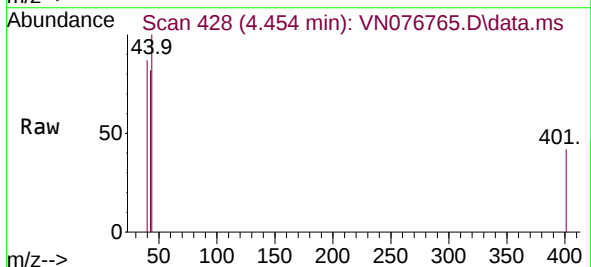
Acq: 22 Feb 2023 12:33

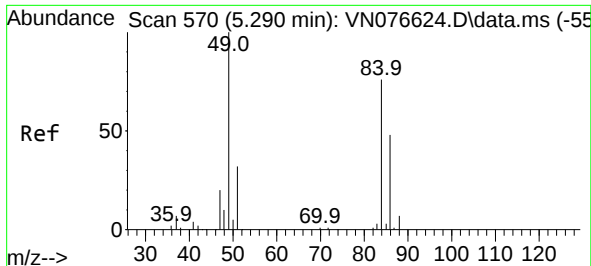
Tgt Ion: 43 Resp: 647

Ion Ratio Lower Upper

43 100

58 0.0 25.9 38.9#



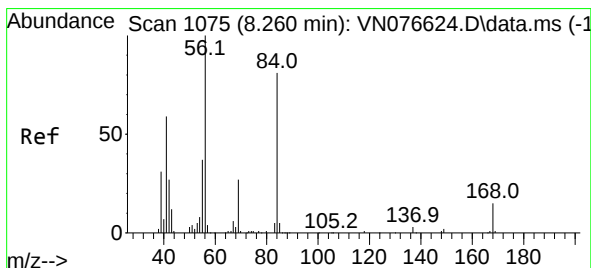
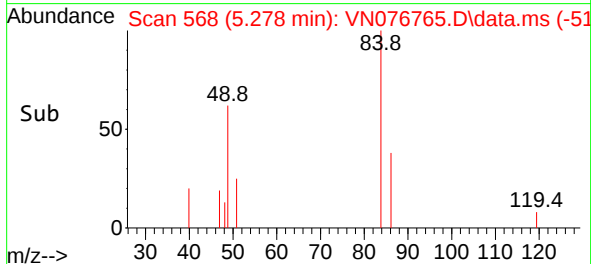
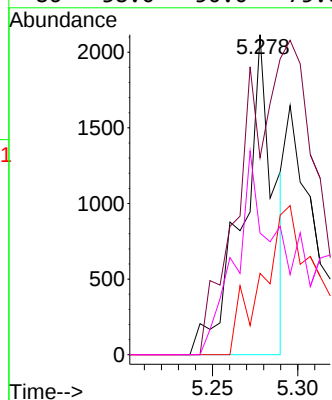
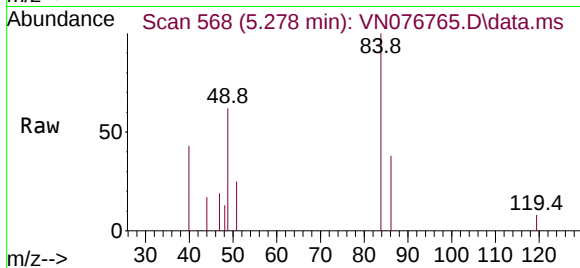


#20
Methylene Chloride
Concen: 0.717 ug/l
RT: 5.278 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN076765.D
Acq: 22 Feb 2023 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBL01

Tgt Ion: 84 Resp: 2677

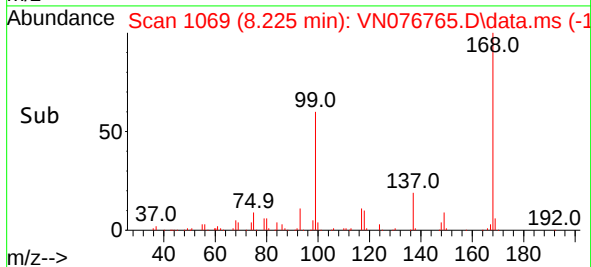
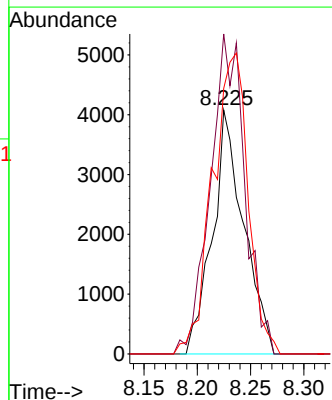
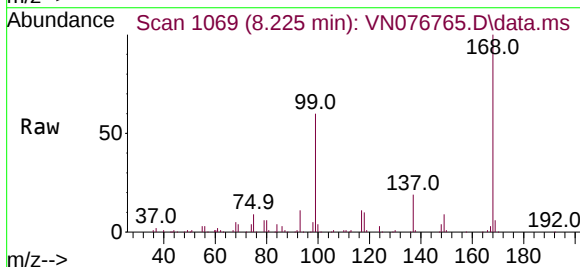
Ion	Ratio	Lower	Upper
84	100		
49	61.6	104.9	157.3#
51	25.4	33.8	50.8#
86	38.0	50.0	75.0#

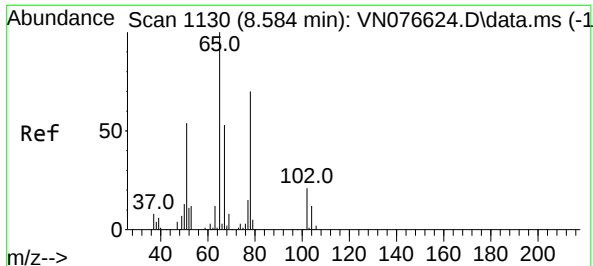


#31
Cyclohexane
Concen: 1.333 ug/l
RT: 8.225 min Scan# 1069
Delta R.T. -0.035 min
Lab File: VN076765.D
Acq: 22 Feb 2023 12:33

Tgt Ion: 56 Resp: 8342

Ion	Ratio	Lower	Upper
56	100		
69	131.2	21.6	32.4#
84	109.0	65.1	97.7#





#33

1,2-Dichloroethane-d4

Concen: 53.038 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN076765.D

Acq: 22 Feb 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

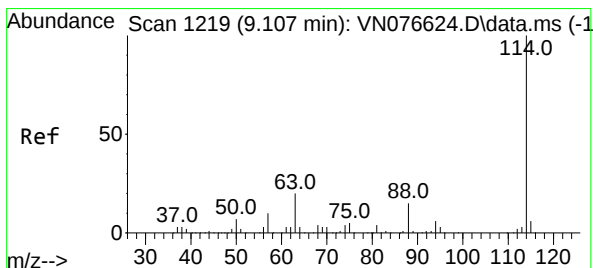
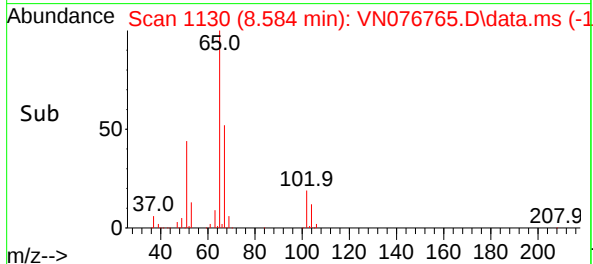
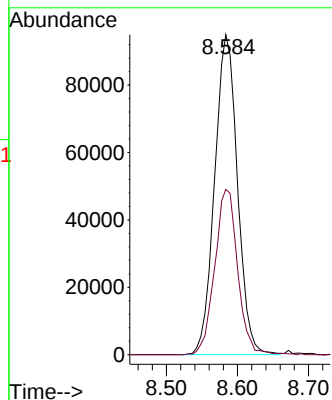
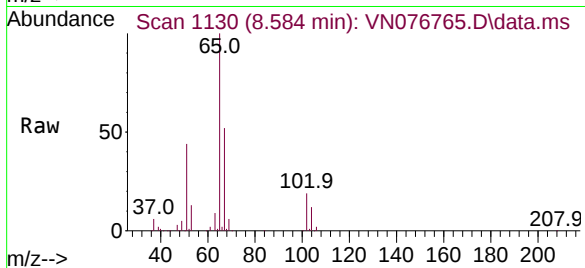
VN0222WBL01

Tgt Ion: 65 Resp: 211647

Ion Ratio Lower Upper

65 100

67 51.7 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN076765.D

Acq: 22 Feb 2023 12:33

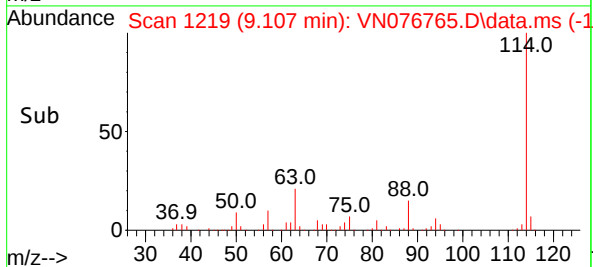
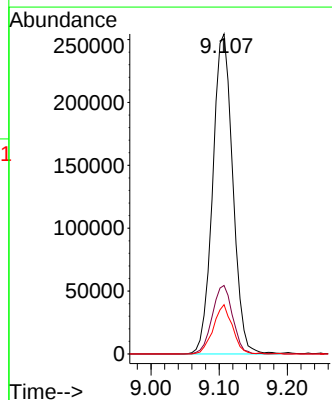
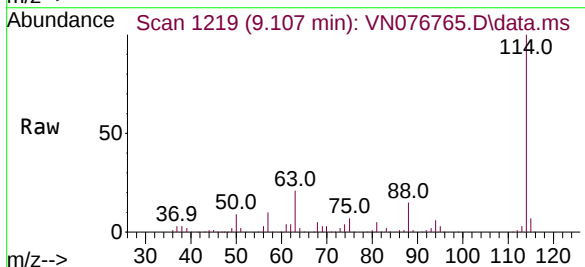
Tgt Ion: 114 Resp: 521060

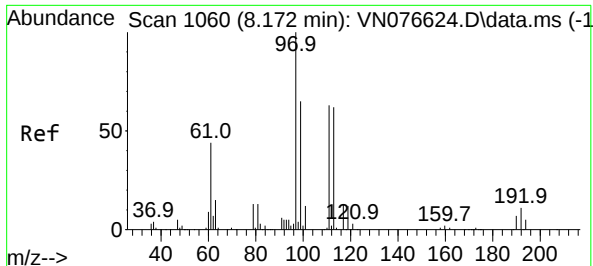
Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.0

88 15.4 0.0 29.6





#35

Dibromofluoromethane

Concen: 47.279 ug/l

RT: 8.178 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VN076765.D

Acq: 22 Feb 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBL01

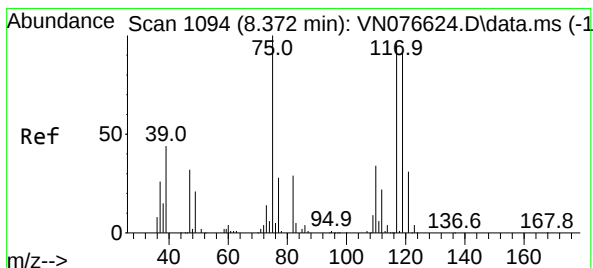
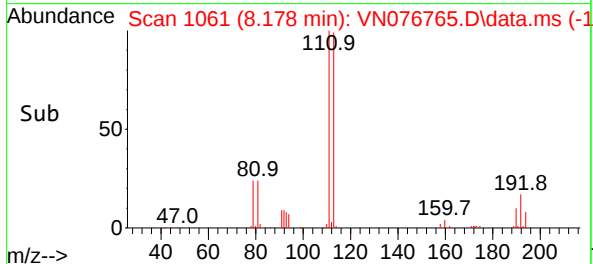
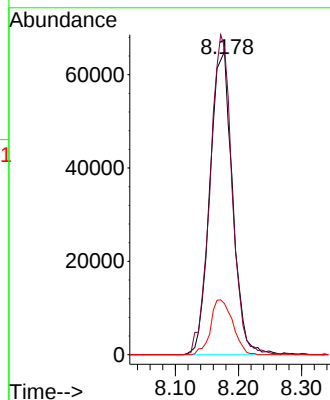
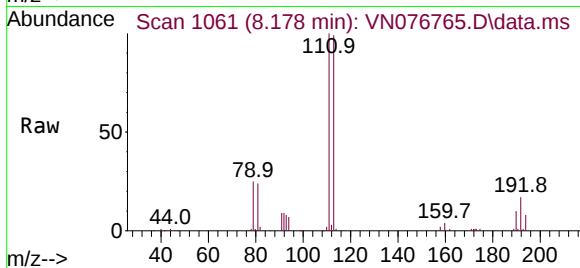
Tgt Ion:113 Resp: 161332

Ion Ratio Lower Upper

113 100

111 102.8 83.1 124.7

192 17.7 15.6 23.4



#36

1,1-Dichloropropene

Concen: 5.330 ug/l

RT: 8.231 min Scan# 1070

Delta R.T. -0.141 min

Lab File: VN076765.D

Acq: 22 Feb 2023 12:33

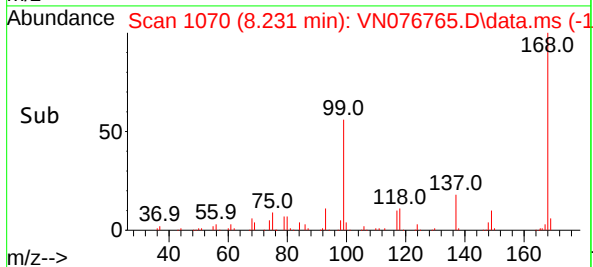
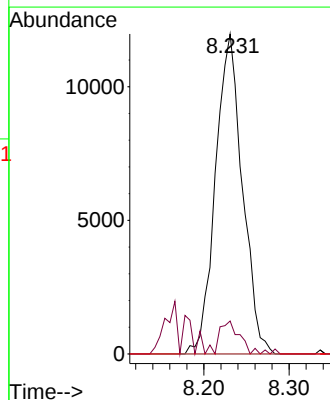
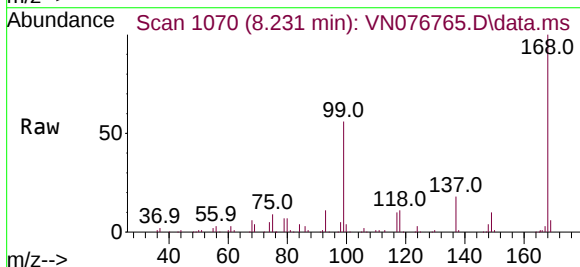
Tgt Ion: 75 Resp: 26279

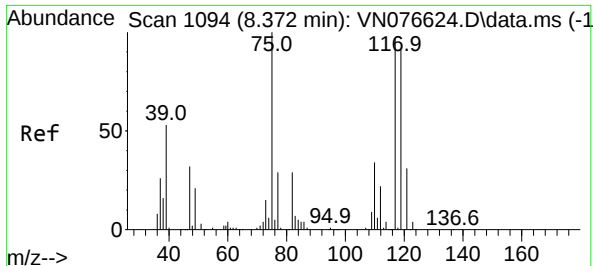
Ion Ratio Lower Upper

75 100

110 7.3 17.5 52.5#

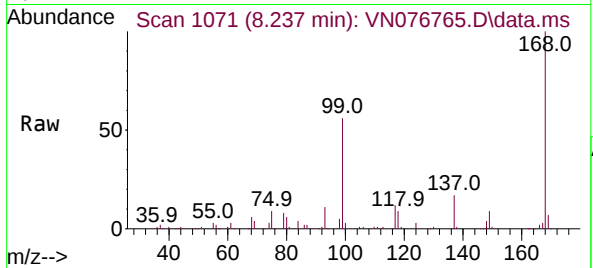
77 0.0 24.5 36.7#



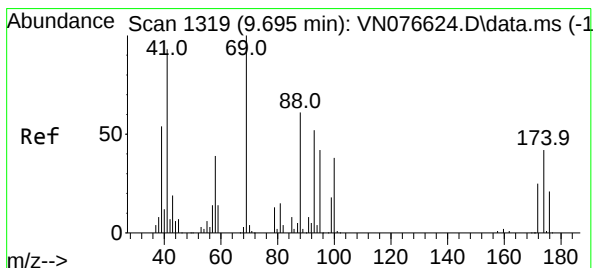
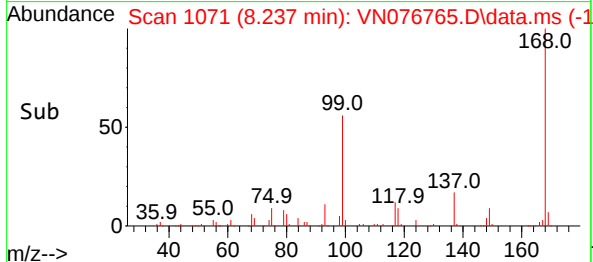
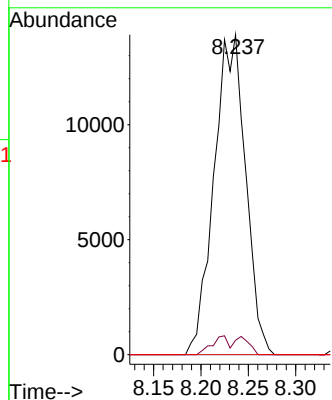


#38
Carbon Tetrachloride
Concen: 6.476 ug/l
RT: 8.237 min Scan# 1094
Delta R.T. -0.135 min
Lab File: VN076765.D
Acq: 22 Feb 2023 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBL01

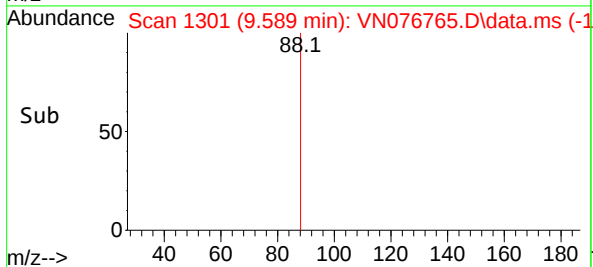
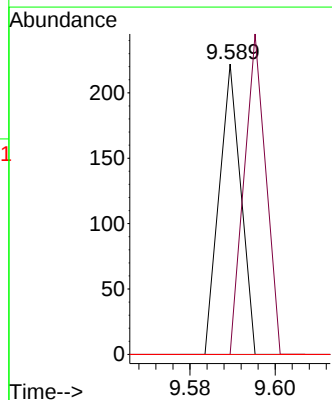
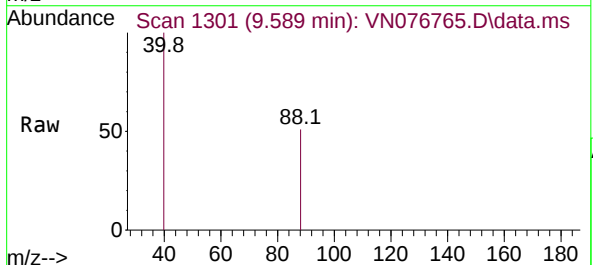


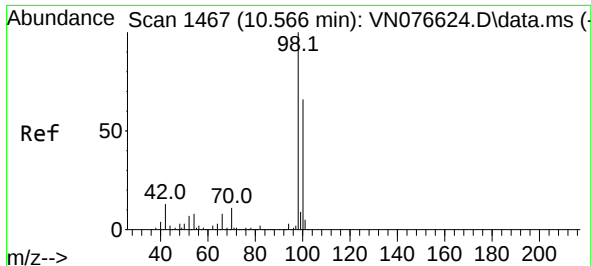
Tgt Ion:117 Resp: 32207
Ion Ratio Lower Upper
117 100
119 4.5 75.4 113.0#
121 0.0 26.0 39.0#



#49
1,4-Dioxane
Concen: 1.126 ug/l
RT: 9.589 min Scan# 1301
Delta R.T. -0.106 min
Lab File: VN076765.D
Acq: 22 Feb 2023 12:33

Tgt Ion: 88 Resp: 78
Ion Ratio Lower Upper
88 100
43 110.3 22.6 33.8#
58 0.0 57.6 86.4#

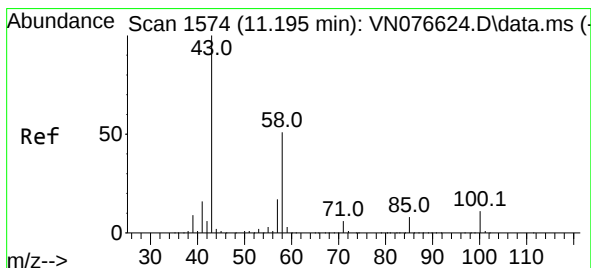
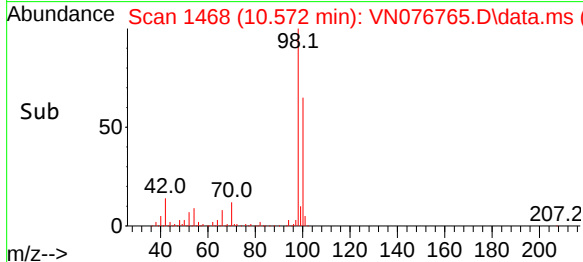
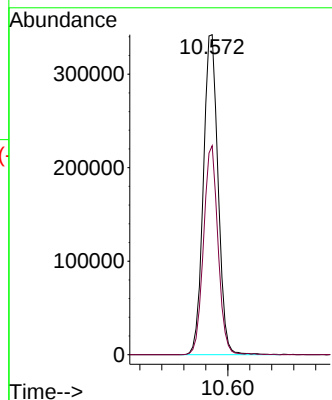
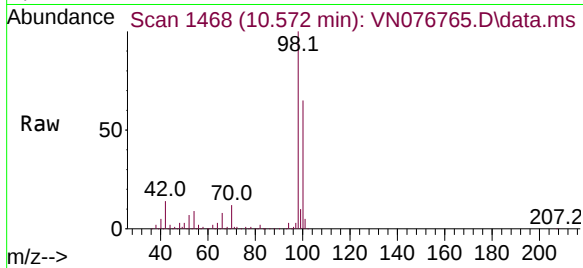




#50
Toluene-d8
Concen: 49.910 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076765.D
Acq: 22 Feb 2023 12:33

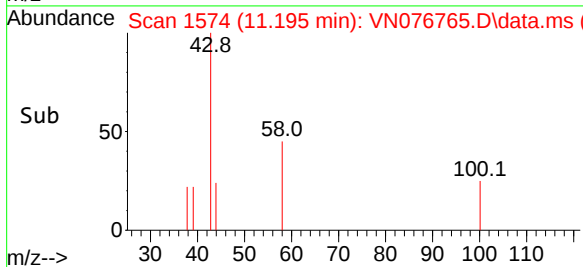
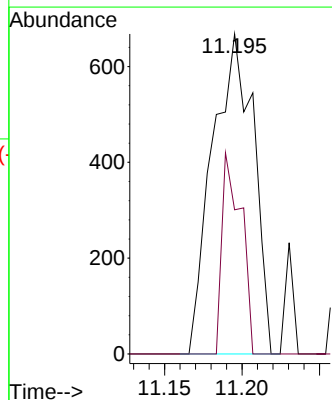
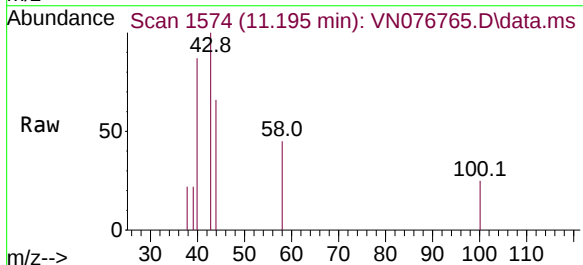
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBL01

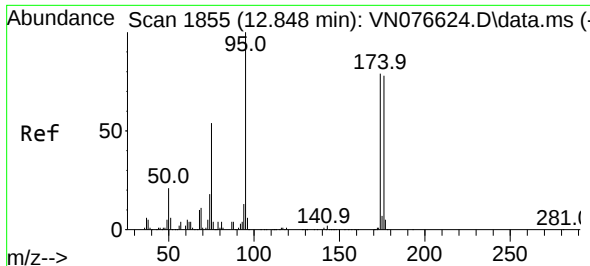
Tgt Ion: 98 Resp: 636031
Ion Ratio Lower Upper
98 100
100 64.0 52.9 79.3



#59
2-Hexanone
Concen: 0.318 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN076765.D
Acq: 22 Feb 2023 12:33

Tgt Ion: 43 Resp: 1230
Ion Ratio Lower Upper
43 100
58 29.4 25.4 76.0

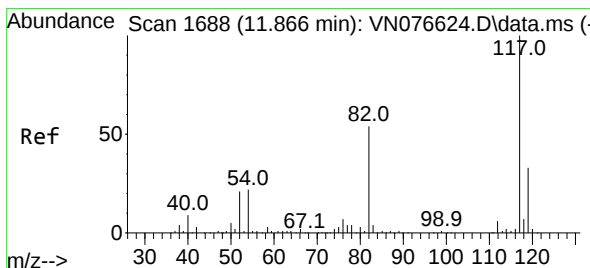
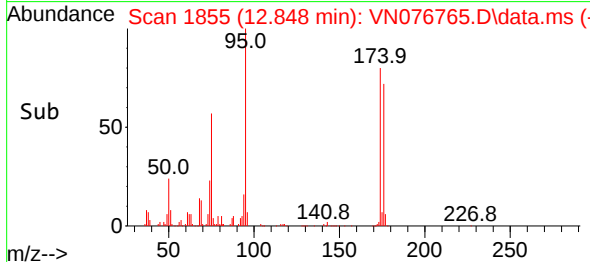
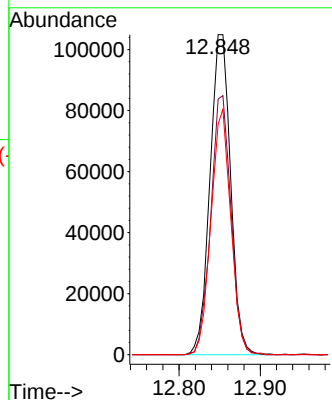
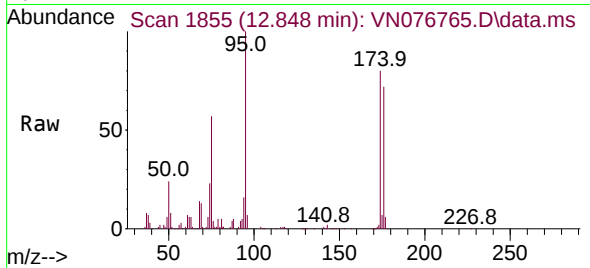




#62
4-Bromofluorobenzene
Concen: 43.795 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN076765.D
Acq: 22 Feb 2023 12:33

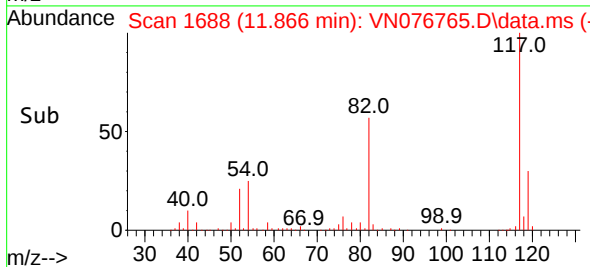
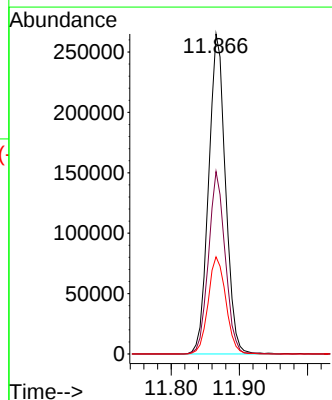
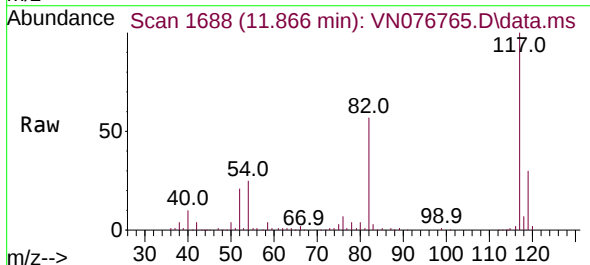
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBL01

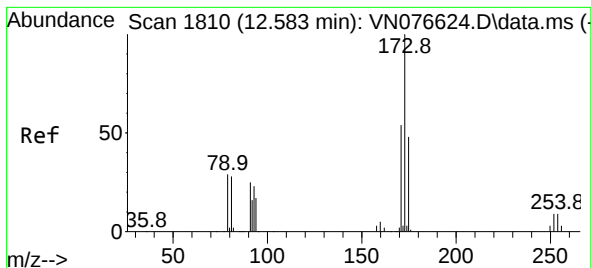
Tgt Ion: 95 Resp: 184845
Ion Ratio Lower Upper
95 100
174 79.3 0.0 169.2
176 73.9 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN076765.D
Acq: 22 Feb 2023 12:33

Tgt Ion: 117 Resp: 455543
Ion Ratio Lower Upper
117 100
82 57.0 43.4 65.2
119 30.3 26.1 39.1





#71

Bromoform

Concen: 1.031 ug/l

RT: 12.848 min Scan# 11

Delta R.T. 0.265 min

Lab File: VN076765.D

Acq: 22 Feb 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBL01

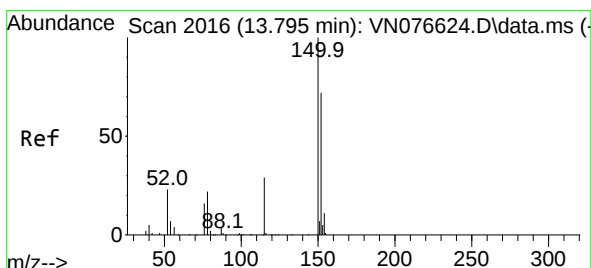
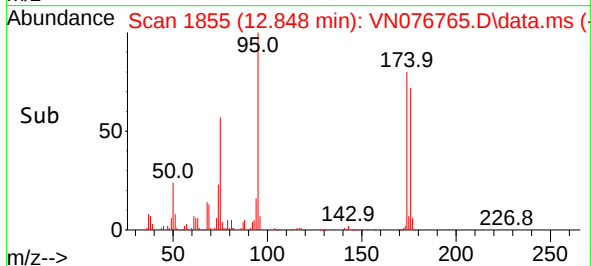
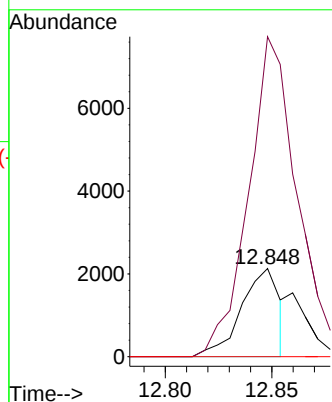
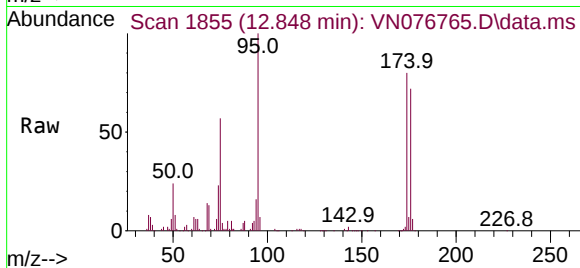
Tgt Ion:173 Resp: 2651

Ion Ratio Lower Upper

173 100

175 389.3 24.9 74.7#

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.789 min Scan# 2015

Delta R.T. -0.006 min

Lab File: VN076765.D

Acq: 22 Feb 2023 12:33

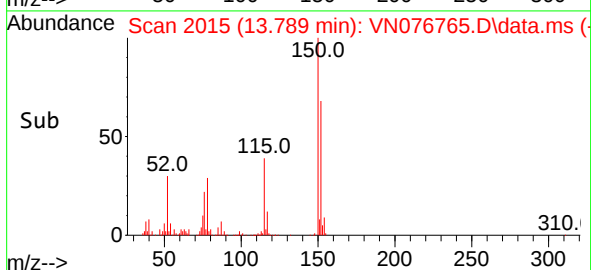
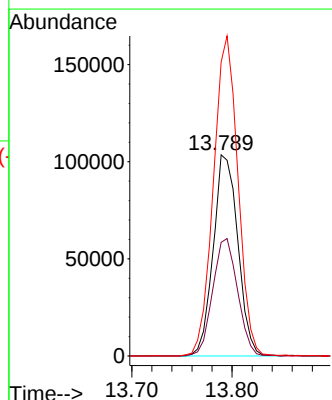
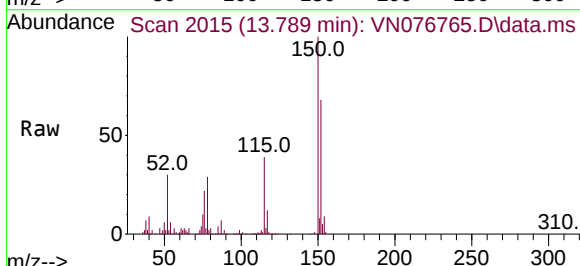
Tgt Ion:152 Resp: 176104

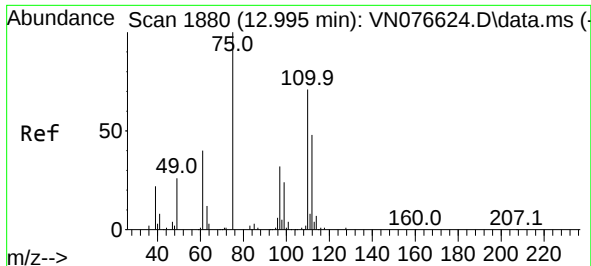
Ion Ratio Lower Upper

152 100

115 59.1 29.3 87.9

150 158.5 0.0 349.8

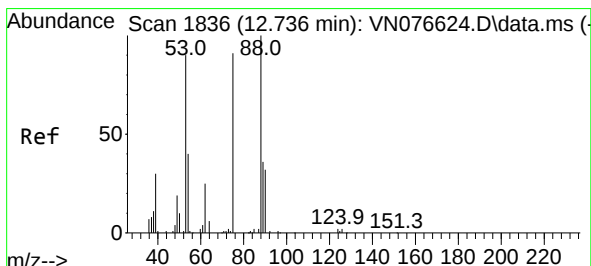
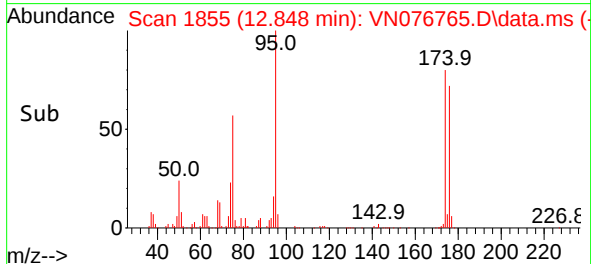
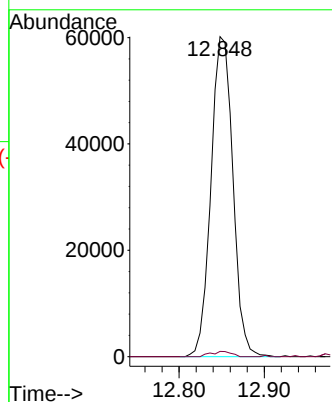
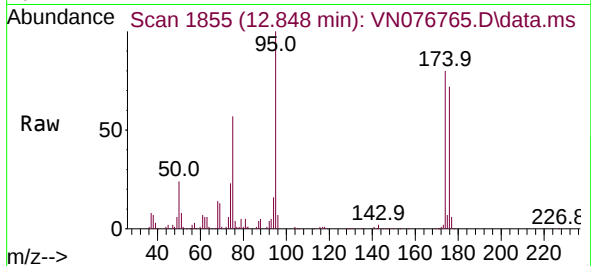




#76
1,2,3-Trichloropropane
Concen: 30.217 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.147 min
Lab File: VN076765.D
Acq: 22 Feb 2023 12:33

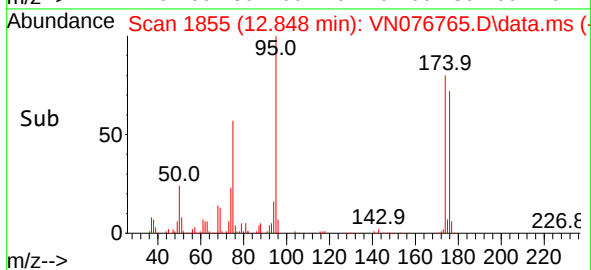
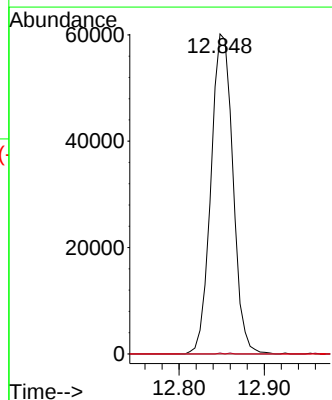
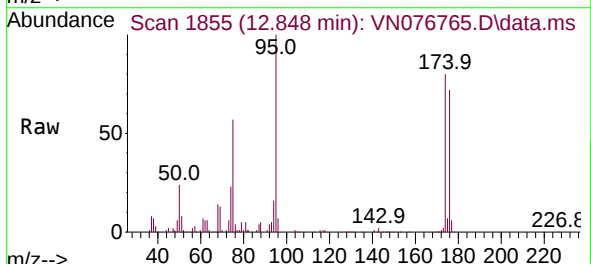
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBL01

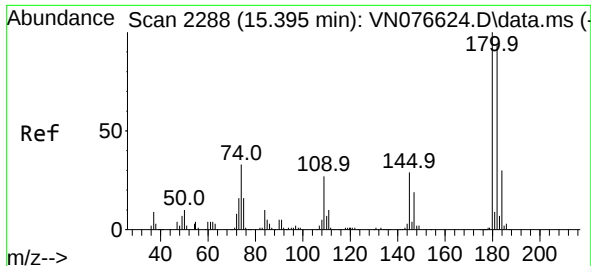
Tgt Ion: 75 Resp: 107583
Ion Ratio Lower Upper
75 100
77 1.6 93.1 279.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.010 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.112 min
Lab File: VN076765.D
Acq: 22 Feb 2023 12:33

Tgt Ion: 75 Resp: 107583
Ion Ratio Lower Upper
75 100
53 0.1 92.1 138.1#
89 0.0 37.5 56.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.226 ug/l

RT: 15.395 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076765.D

Acq: 22 Feb 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBL01

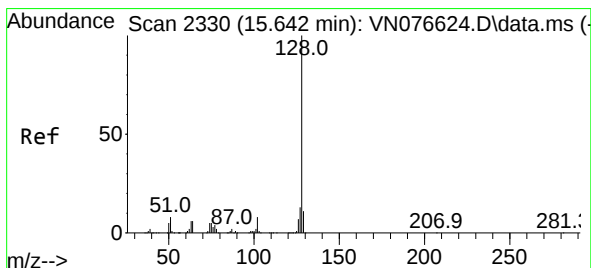
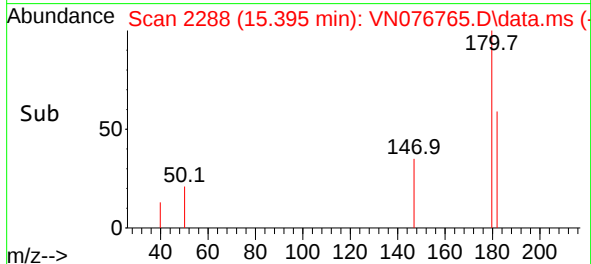
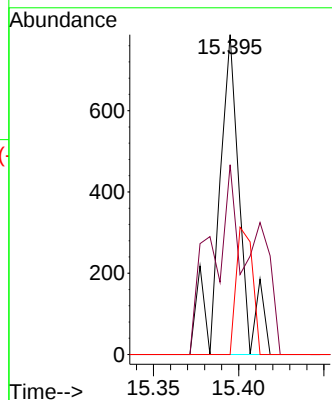
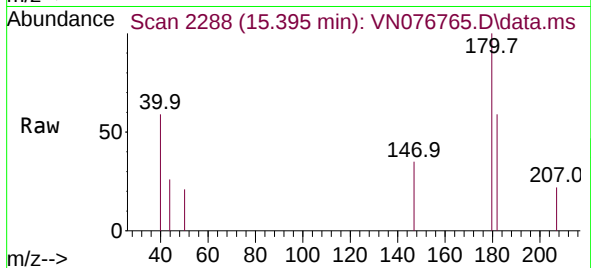
Tgt Ion:180 Resp: 703

Ion Ratio Lower Upper

180 100

182 111.2 48.0 144.0

145 29.6 15.2 45.6



#95

Naphthalene

Concen: 0.381 ug/l

RT: 15.654 min Scan# 2332

Delta R.T. 0.012 min

Lab File: VN076765.D

Acq: 22 Feb 2023 12:33

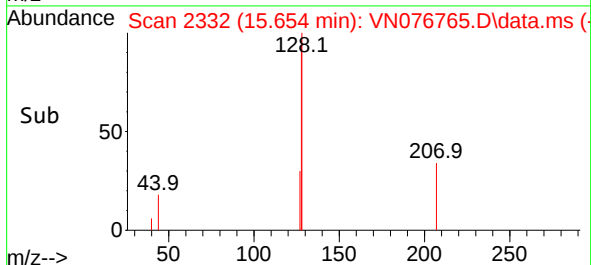
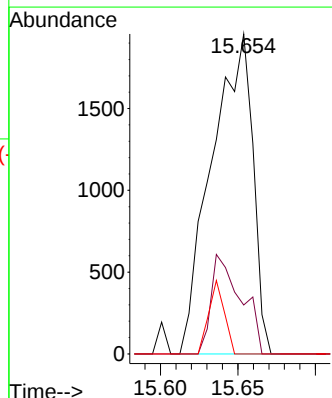
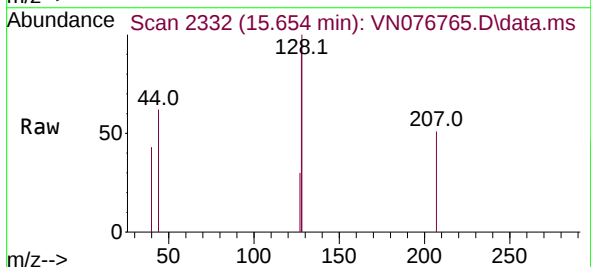
Tgt Ion:128 Resp: 3600

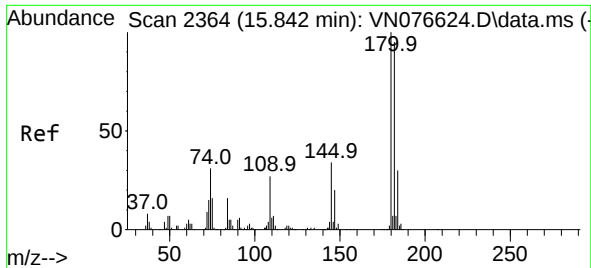
Ion Ratio Lower Upper

128 100

127 22.7 10.6 16.0#

129 8.7 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.318 ug/l
 RT: 15.842 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN076765.D
 Acq: 22 Feb 2023 12:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0222WBL01

Tgt Ion:180 Resp: 960
 Ion Ratio Lower Upper
 180 100
 182 70.6 46.7 140.1
 145 8.2 16.0 47.9#

