

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%

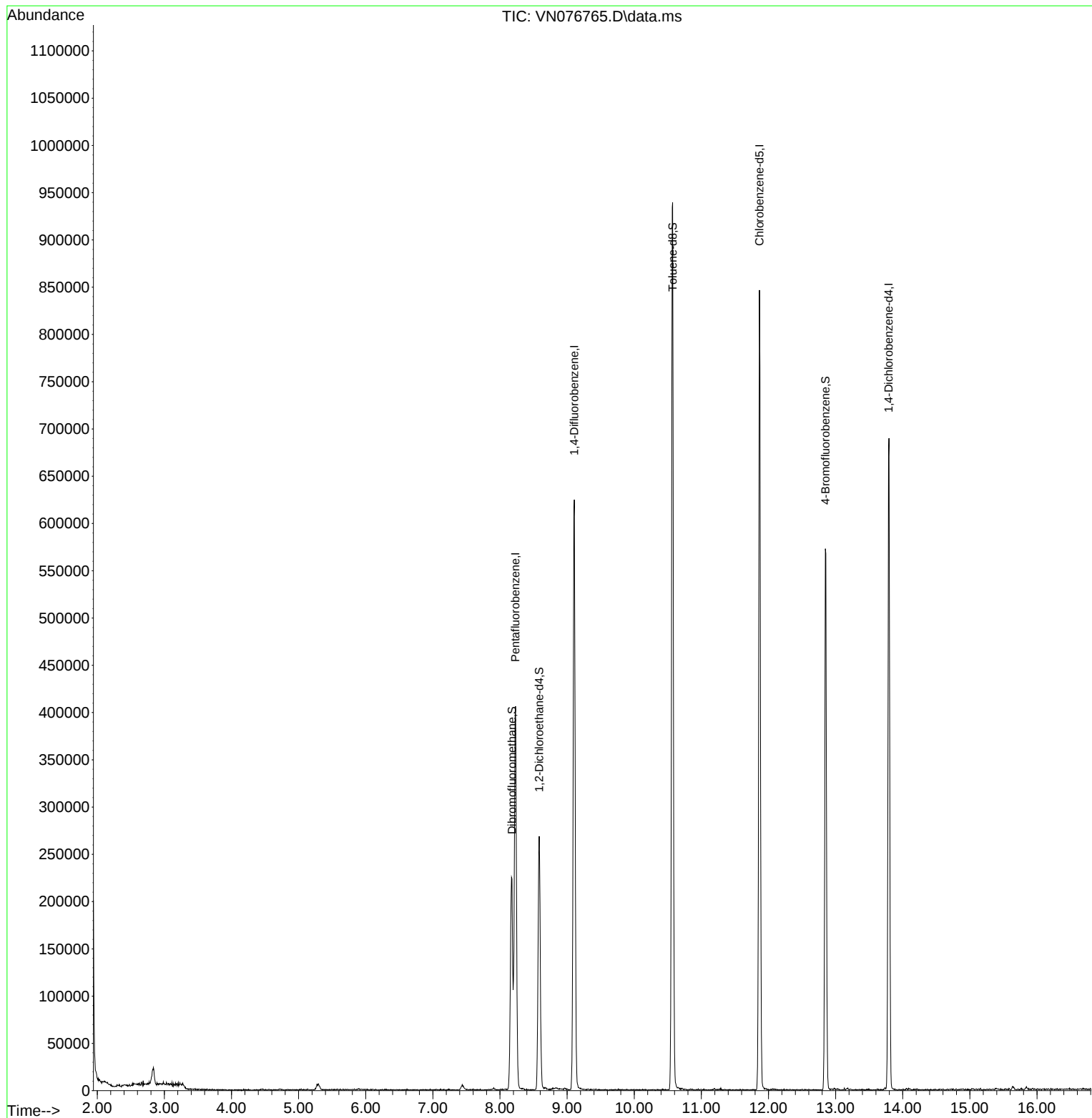
Target Compounds	Qvalue

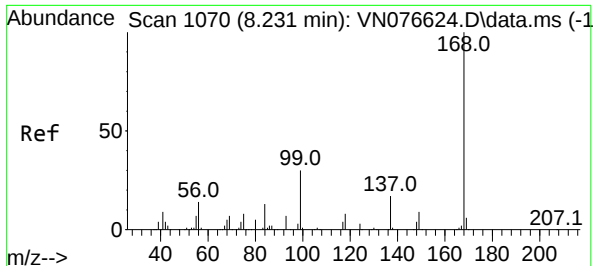
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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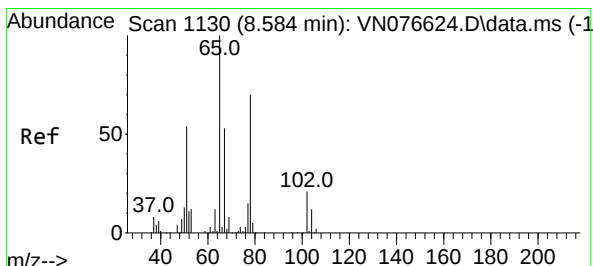
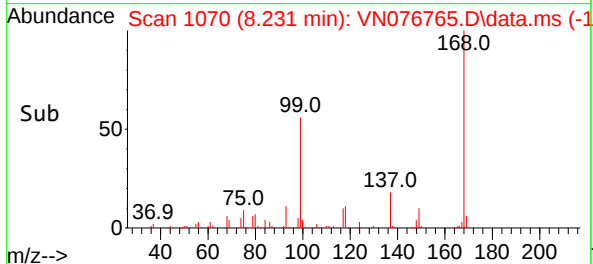
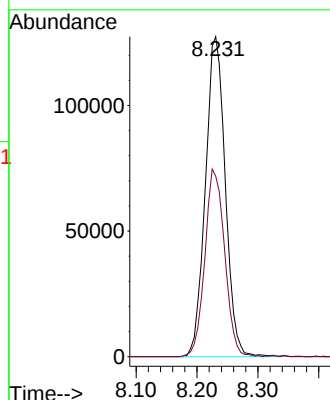
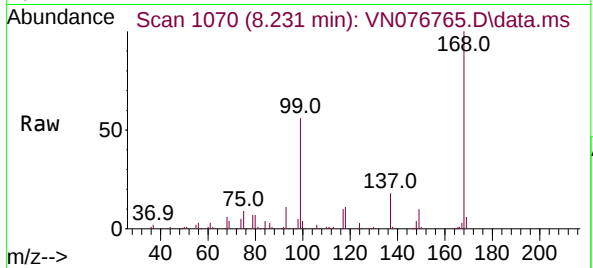




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076765.D
Acq: 22 Feb 2023 12:33

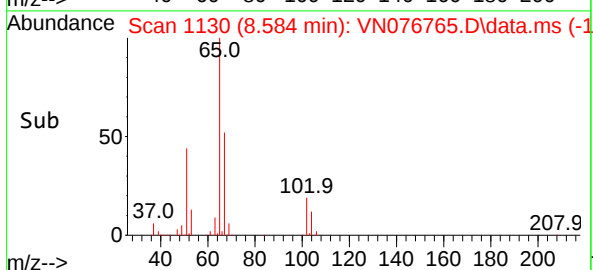
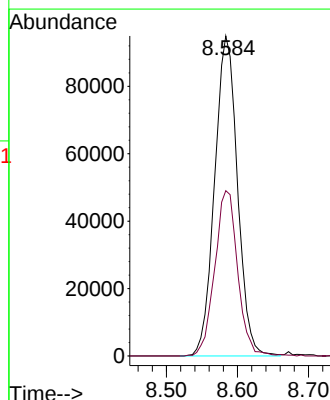
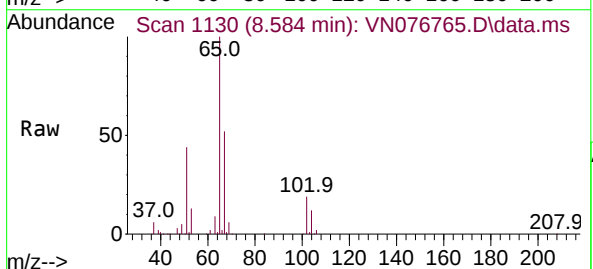
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBL01

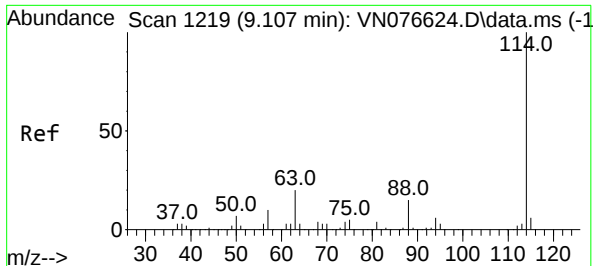
Tgt Ion:168 Resp: 288986
Ion Ratio Lower Upper
168 100
99 56.4 44.8 67.2



#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

Tgt Ion: 65 Resp: 211647
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.6

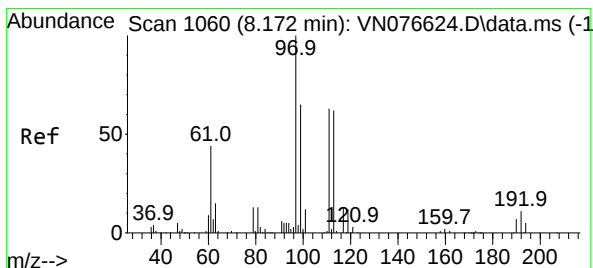
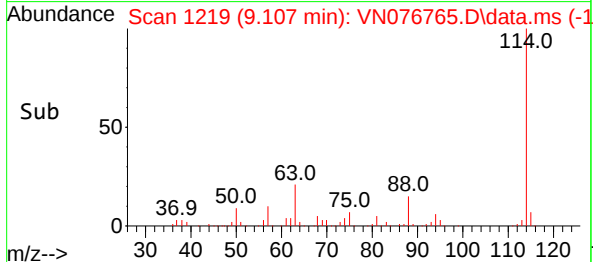
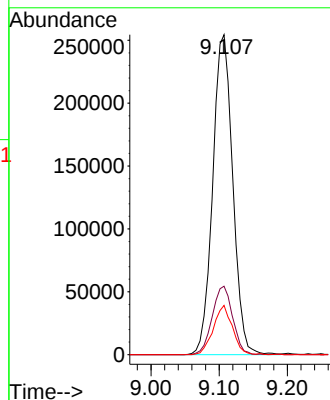
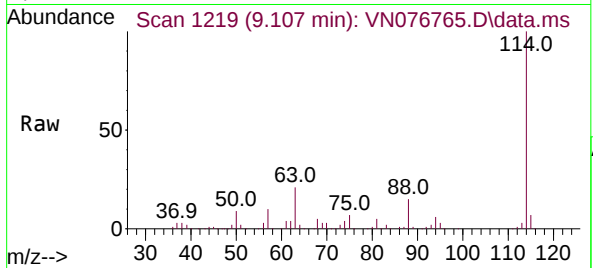




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076765.D
Acq: 22 Feb 2023 12:33

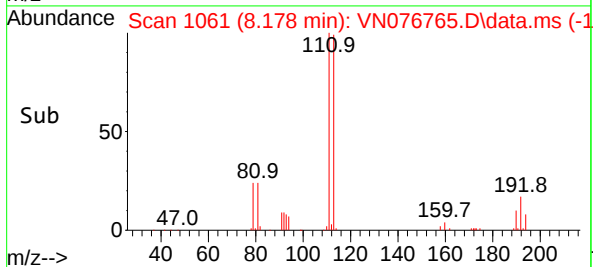
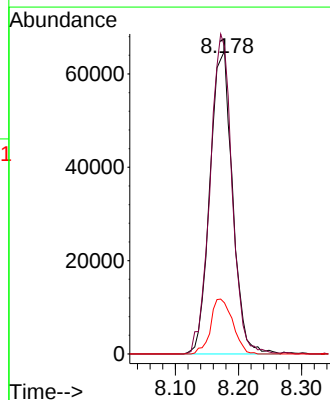
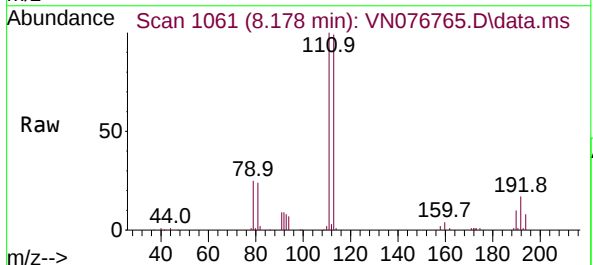
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBL01

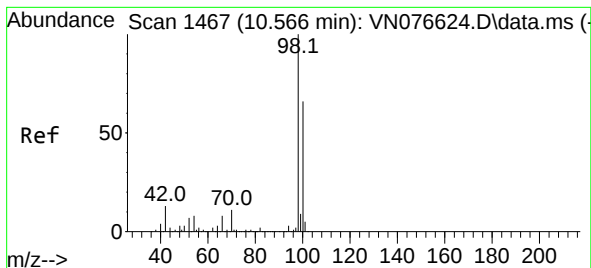
Tgt Ion:114 Resp: 521060
Ion Ratio Lower Upper
114 100
63 21.4 0.0 40.0
88 15.4 0.0 29.6



#35
Dibromofluoromethane
Concen: 47.279 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN076765.D
Acq: 22 Feb 2023 12:33

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





#50

Toluene-d8

Concen: 49.910 ug/l

RT: 10.572 min Scan# 1467

Delta R.T. 0.006 min

Lab File: VN076765.D

Acq: 22 Feb 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

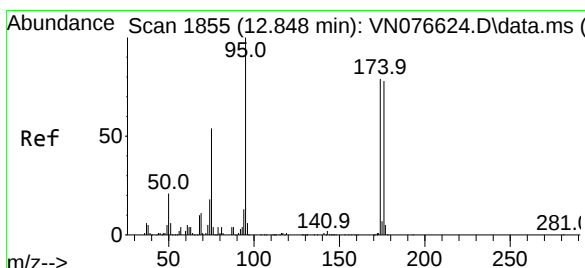
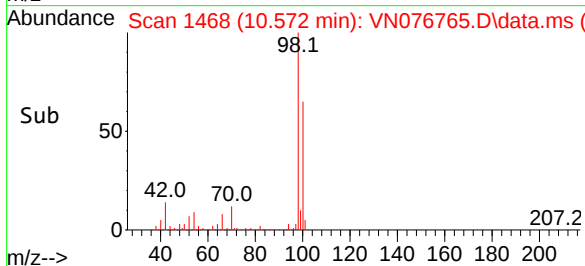
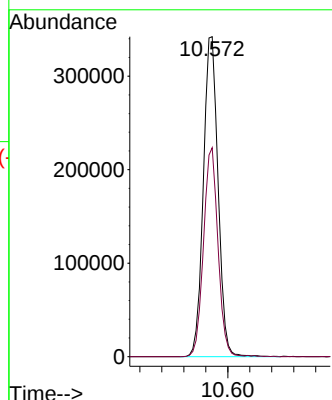
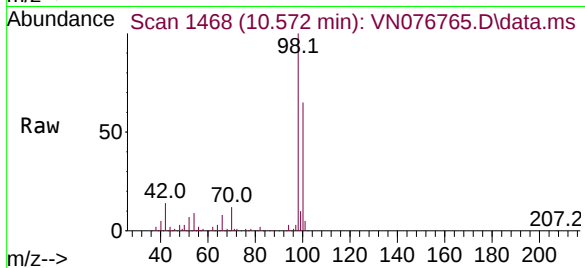
VN0222WBL01

Tgt Ion: 98 Resp: 636031

Ion Ratio Lower Upper

98 100

100 64.0 52.9 79.3



#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

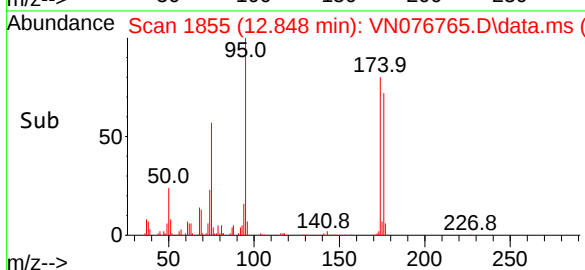
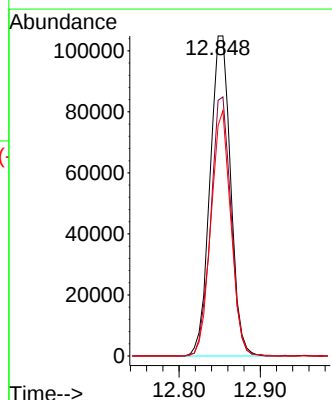
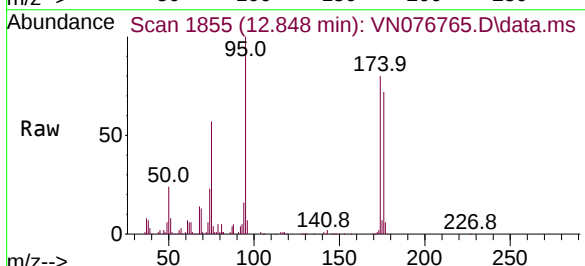
Tgt Ion: 95 Resp: 184845

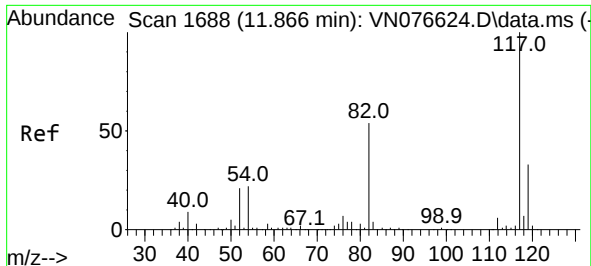
Ion Ratio Lower Upper

95 100

174 79.3 0.0 169.2

176 73.9 0.0 163.4

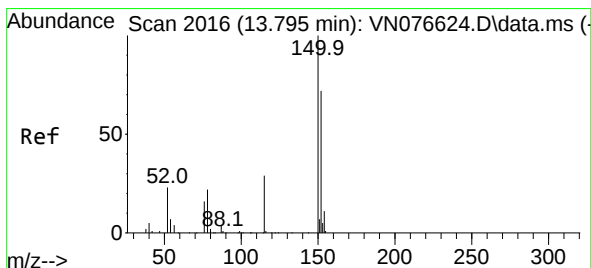
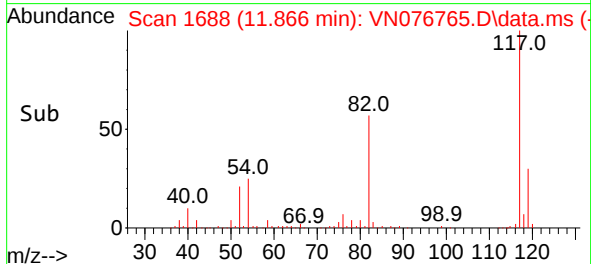
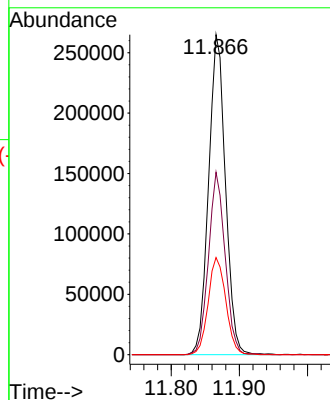
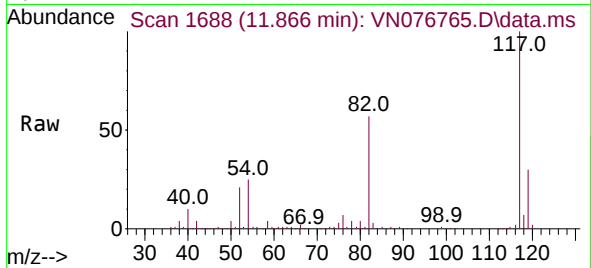




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076765.D
Acq: 22 Feb 2023 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBL01

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



#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

