

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022223\
 Data File : VN076766.D
 Acq On : 22 Feb 2023 12:57
 Operator : JC\MD
 Sample : VN0222WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0222WBL02

Quant Time: Feb 22 23:56:42 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	298152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	545329	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	473761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	187348	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	221219	53.733	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.460%
35) Dibromofluoromethane	8.172	113	169248	47.392	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.780%
50) Toluene-d8	10.572	98	663396	49.741	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.480%
62) 4-Bromofluorobenzene	12.854	95	194587	44.051	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.100%

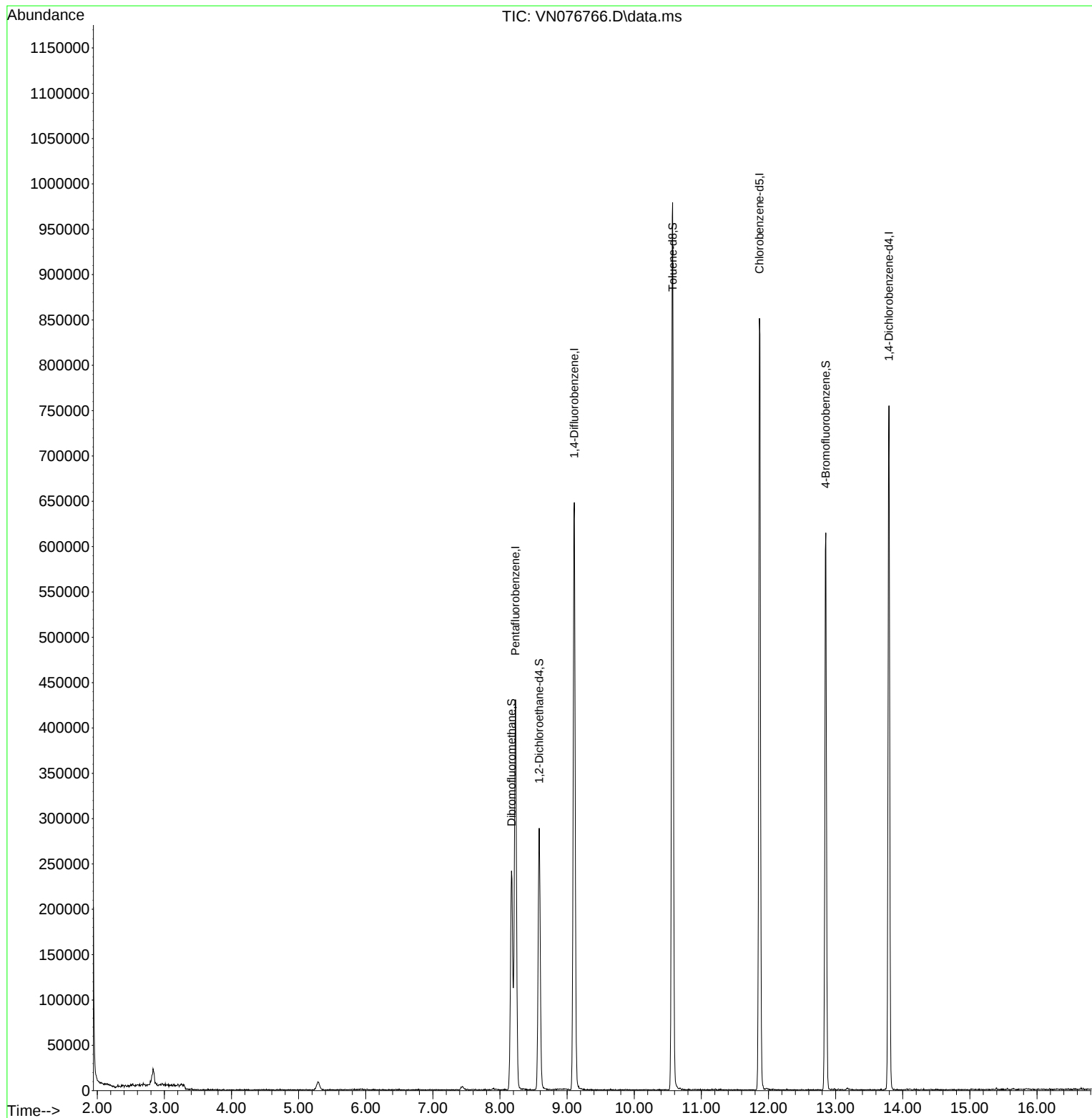
Target Compounds	Qvalue

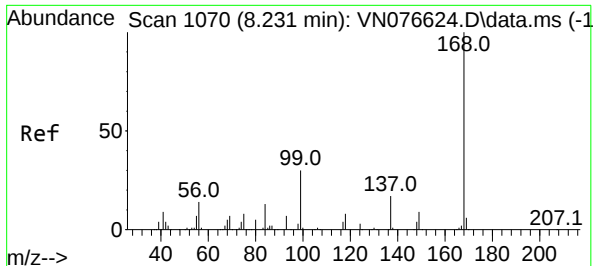
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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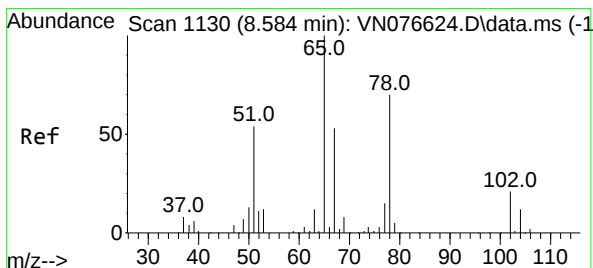
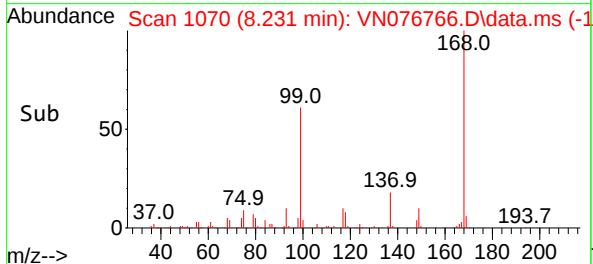
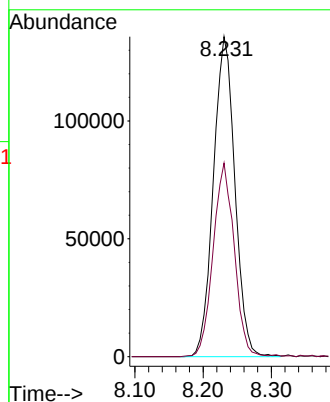
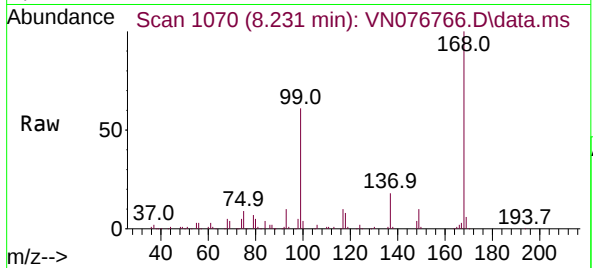




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076766.D
Acq: 22 Feb 2023 12:57

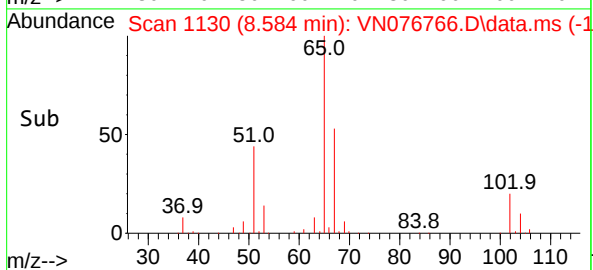
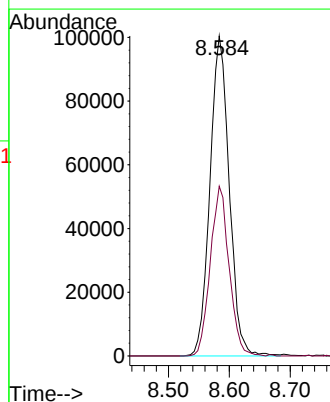
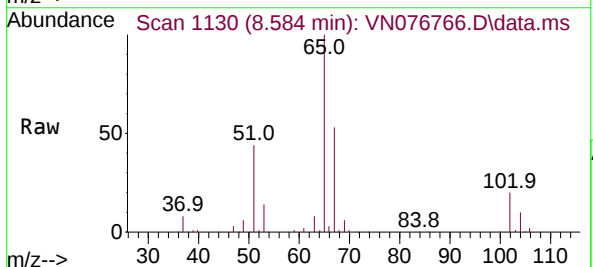
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBL02

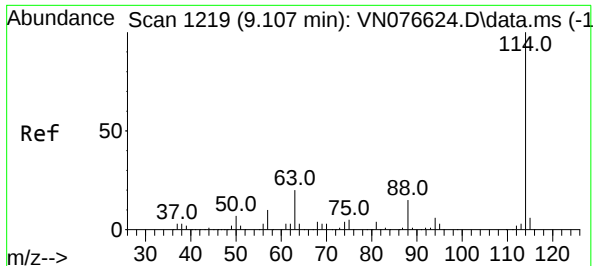
Tgt Ion:168 Resp: 298152
Ion Ratio Lower Upper
168 100
99 60.5 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 53.733 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076766.D
Acq: 22 Feb 2023 12:57

Tgt Ion: 65 Resp: 221219
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# 1

Delta R.T. 0.000 min

Lab File: VN076766.D

Acq: 22 Feb 2023 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBL02

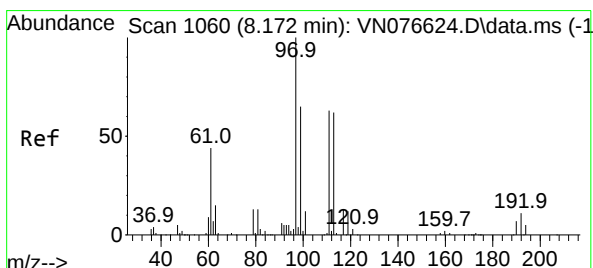
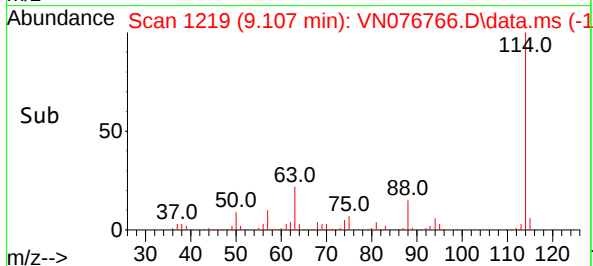
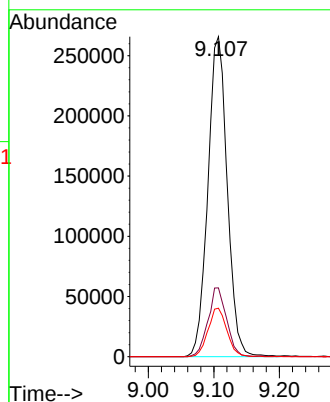
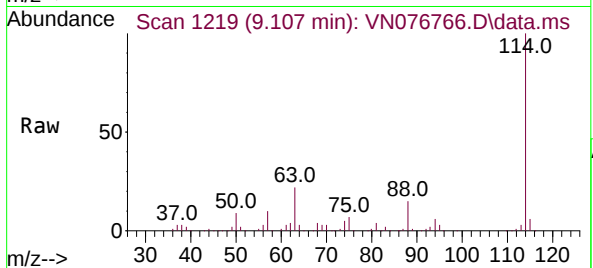
Tgt Ion:114 Resp: 545329

Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.0

88 15.2 0.0 29.6



#35

Dibromofluoromethane

Concen: 47.392 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076766.D

Acq: 22 Feb 2023 12:57

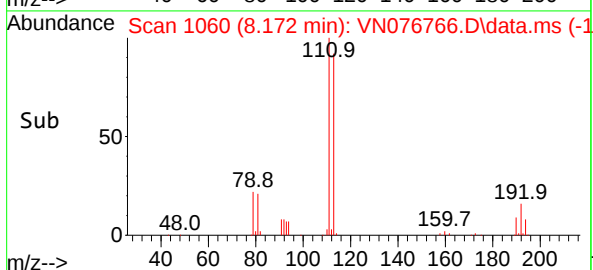
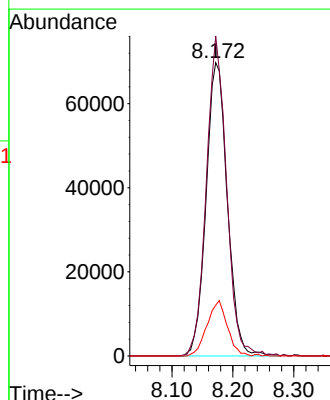
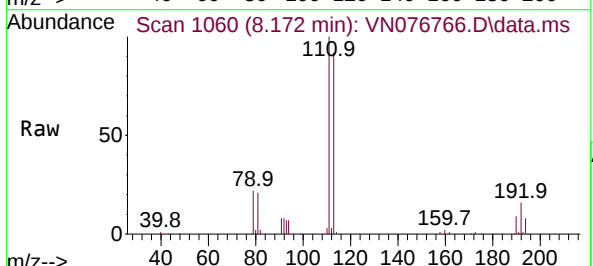
Tgt Ion:113 Resp: 169248

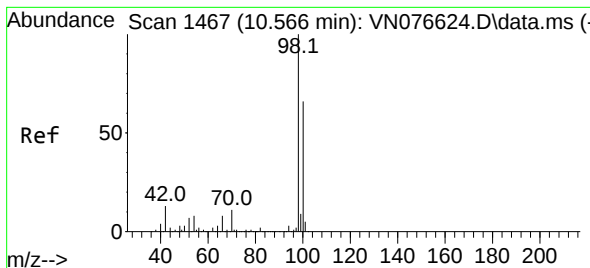
Ion Ratio Lower Upper

113 100

111 103.8 83.1 124.7

192 18.0 15.6 23.4

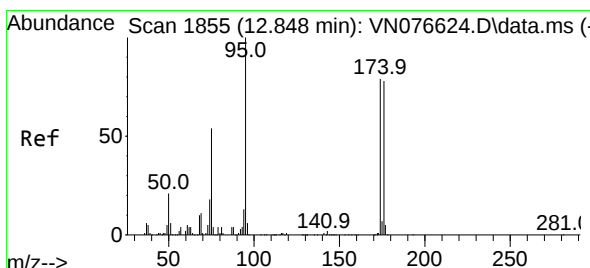
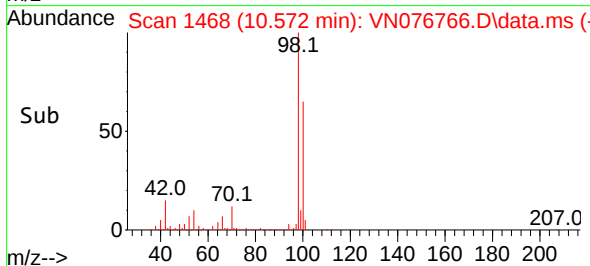
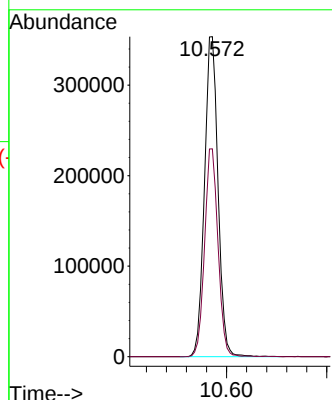
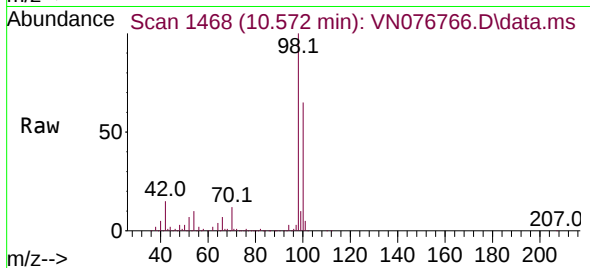




#50
Toluene-d8
Concen: 49.741 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076766.D
Acq: 22 Feb 2023 12:57

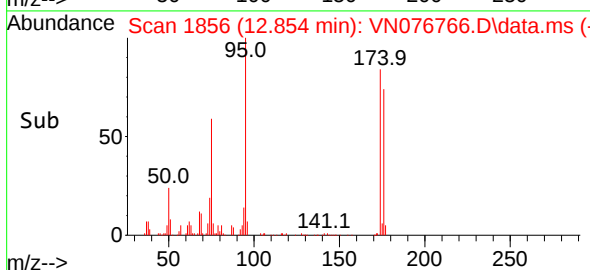
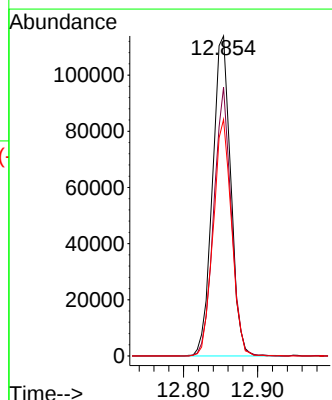
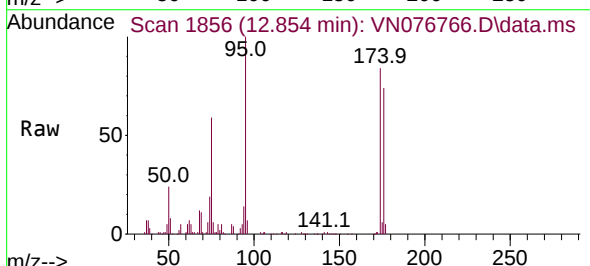
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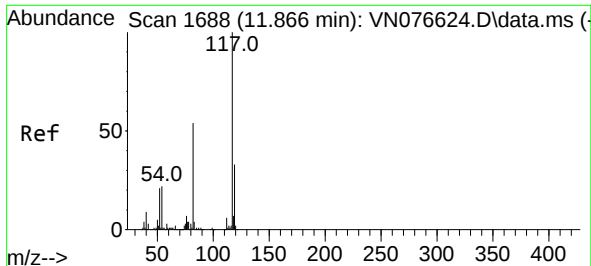
Tgt Ion: 98 Resp: 663396
Ion Ratio Lower Upper
98 100
100 64.3 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 44.051 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076766.D
Acq: 22 Feb 2023 12:57

Tgt Ion: 95 Resp: 194587
Ion Ratio Lower Upper
95 100
174 80.0 0.0 169.2
176 74.0 0.0 163.4

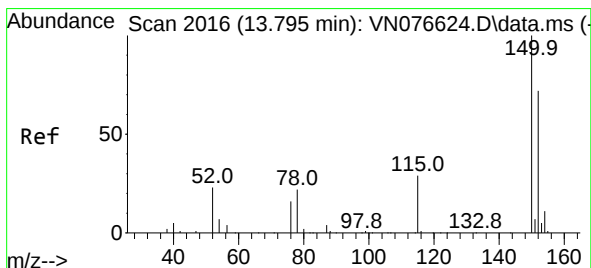
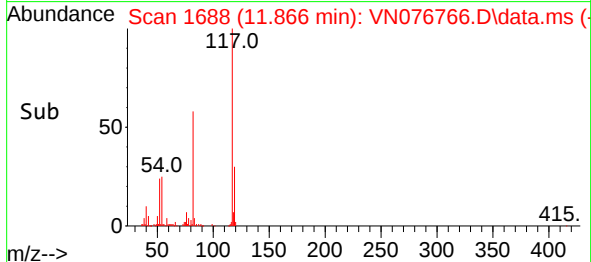
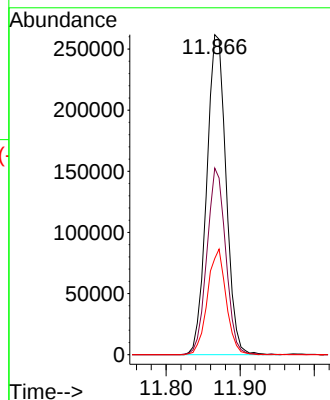
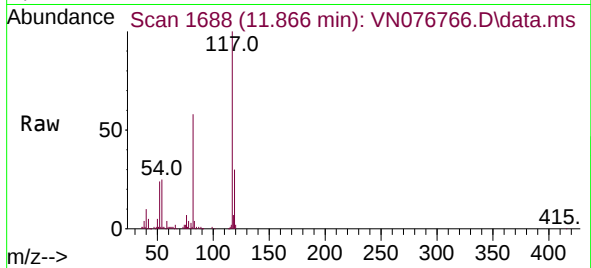




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN076766.D
Acq: 22 Feb 2023 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBL02

Tgt Ion:117 Resp: 473761
Ion Ratio Lower Upper
117 100
82 58.3 43.4 65.2
119 30.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076766.D
Acq: 22 Feb 2023 12:57

Tgt Ion:152 Resp: 187348
Ion Ratio Lower Upper
152 100
115 59.4 29.3 87.9
150 157.2 0.0 349.8

