

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022723\
 Data File : VN076819.D
 Acq On : 27 Feb 2023 12:02
 Operator : JC\MD
 Sample : 01653-01 5000X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-0567

Quant Time: Feb 28 01:50:42 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	8.230	168	260654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	467904	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	400220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	151685	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	191967	53.335	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.680%
35) Dibromofluoromethane	8.172	113	142596	46.536	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.080%
50) Toluene-d8	10.566	98	568260	49.658	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.320%
62) 4-Bromofluorobenzene	12.854	95	163025	43.013	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.020%

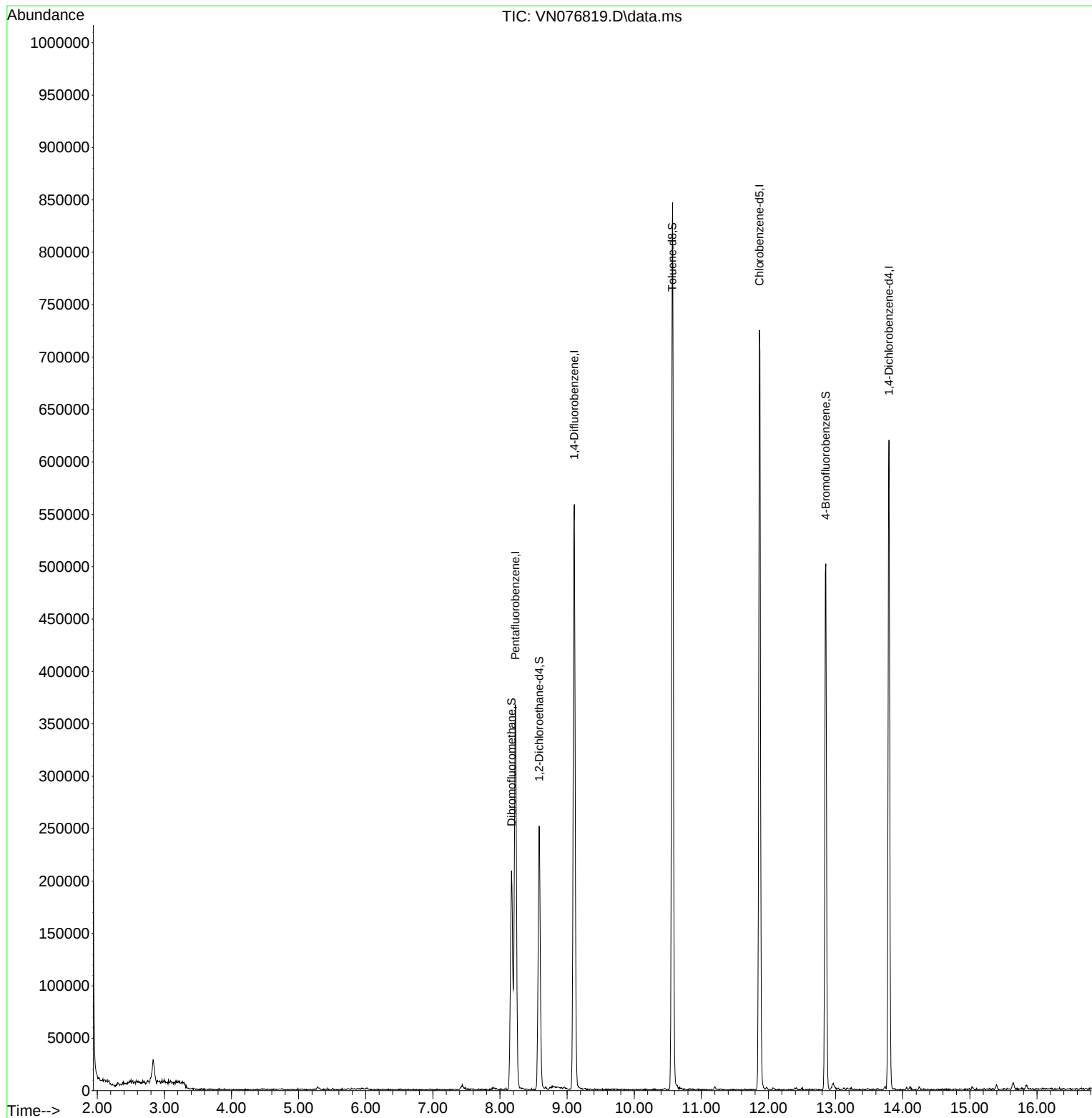
Target Compounds	Qvalue

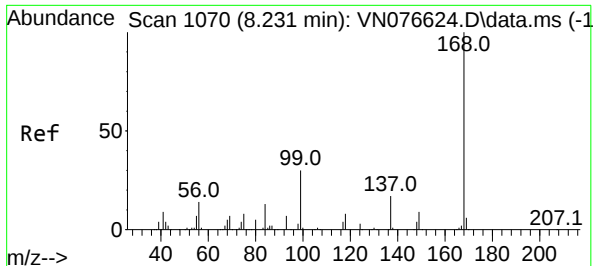
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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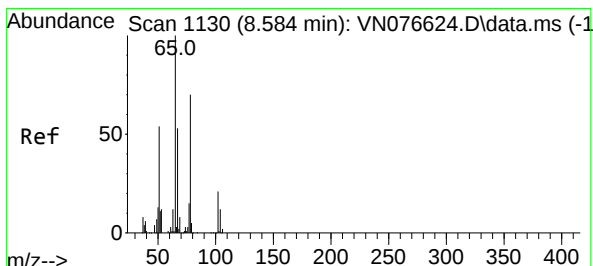
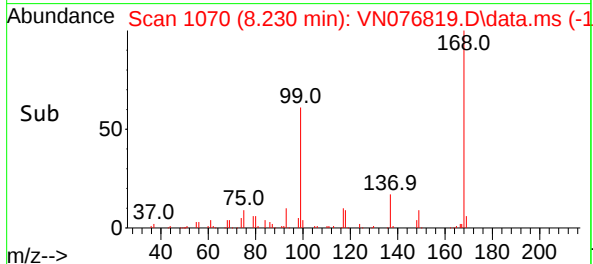
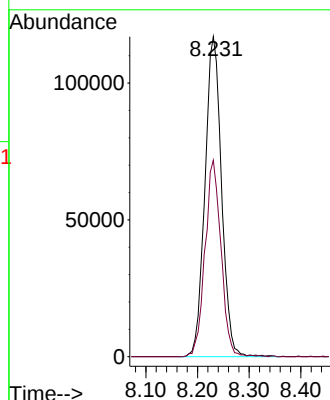
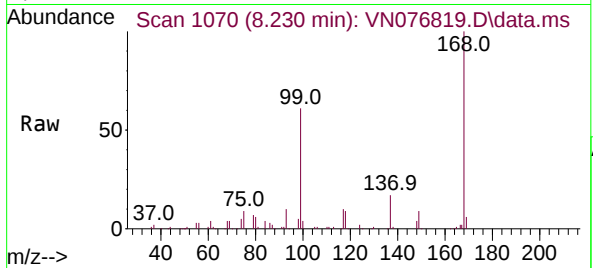




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1107
Delta R.T. -0.001 min
Lab File: VN076819.D
Acq: 27 Feb 2023 12:02

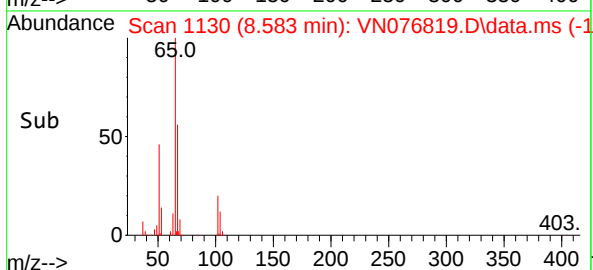
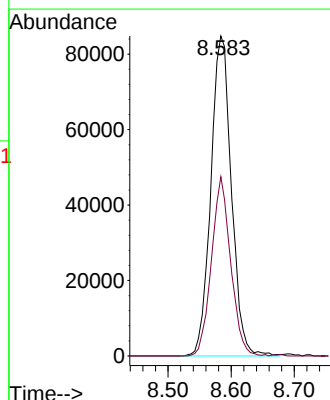
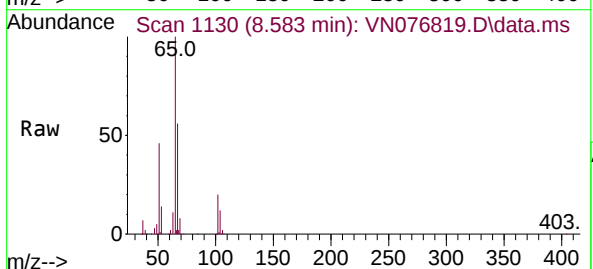
Instrument :
MSVOA_N
ClientSampleId :
OK-0567

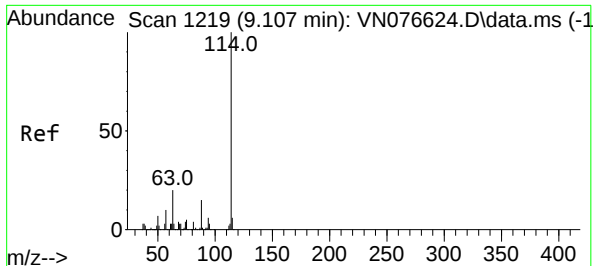
Tgt Ion:168 Resp: 260654
Ion Ratio Lower Upper
168 100
99 61.4 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 53.335 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.001 min
Lab File: VN076819.D
Acq: 27 Feb 2023 12:02

Tgt Ion: 65 Resp: 191967
Ion Ratio Lower Upper
65 100
67 52.2 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: VN076819.D

Acq: 27 Feb 2023 12:02

Instrument :

MSVOA_N

ClientSampleId :

OK-0567

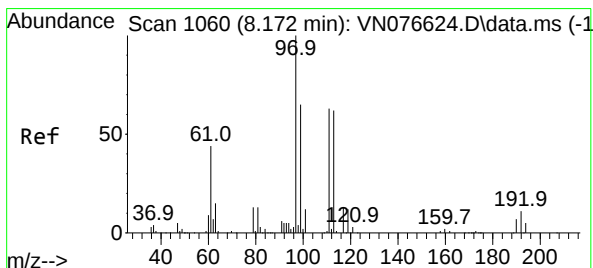
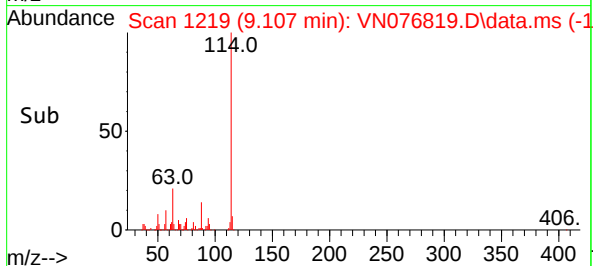
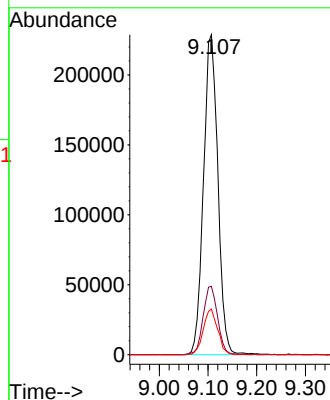
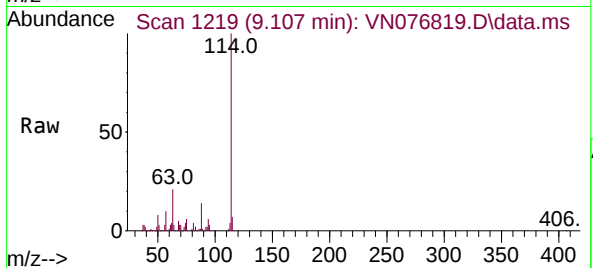
Tgt Ion:114 Resp: 467904

Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.0

88 14.3 0.0 29.6



#35

Dibromofluoromethane

Concen: 46.536 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076819.D

Acq: 27 Feb 2023 12:02

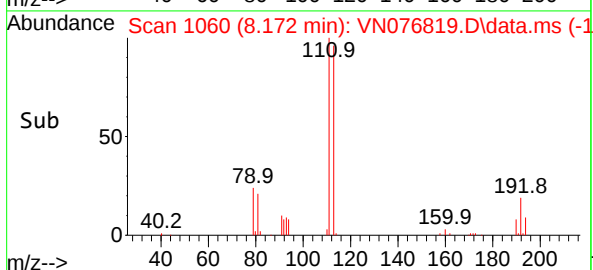
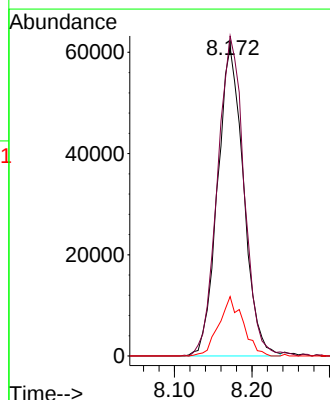
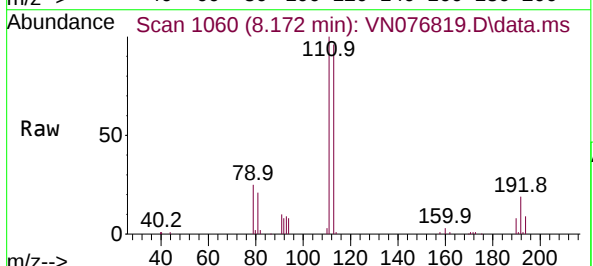
Tgt Ion:113 Resp: 142596

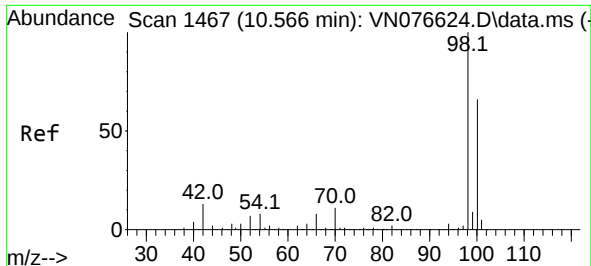
Ion Ratio Lower Upper

113 100

111 106.0 83.1 124.7

192 17.9 15.6 23.4

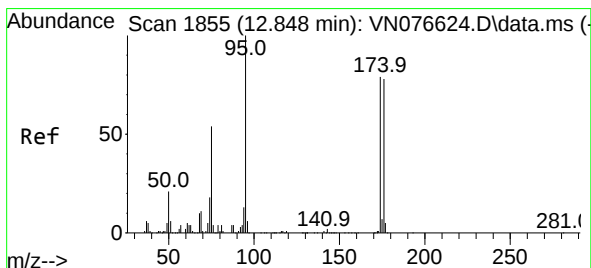
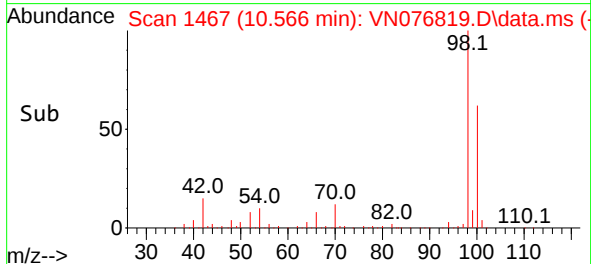
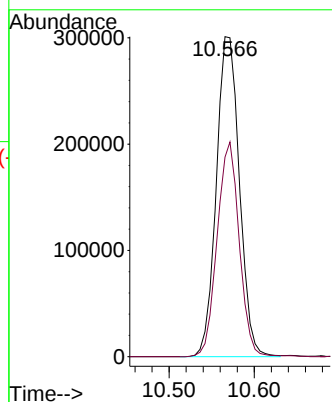
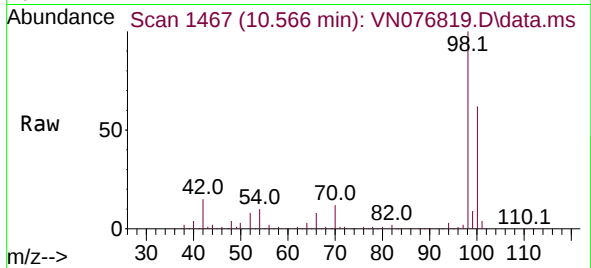




#50
Toluene-d8
Concen: 49.658 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.000 min
Lab File: VN076819.D
Acq: 27 Feb 2023 12:02

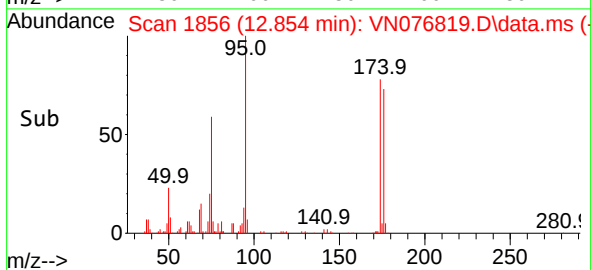
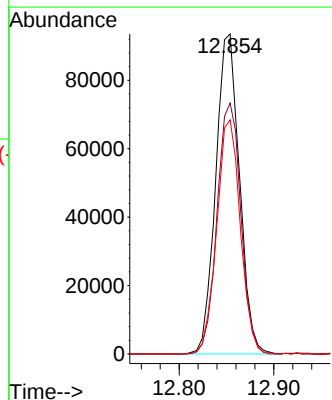
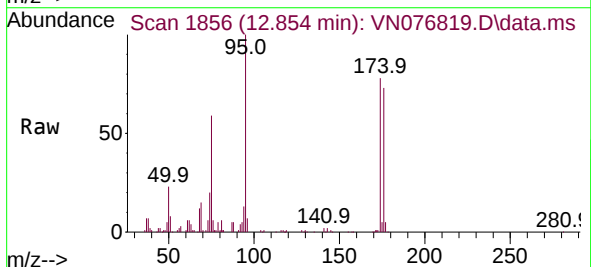
Instrument :
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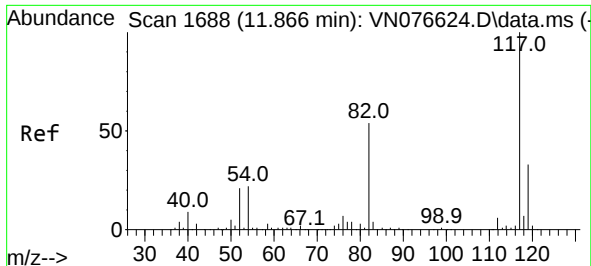
Tgt Ion: 98 Resp: 568260
Ion Ratio Lower Upper
98 100
100 64.1 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 43.013 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076819.D
Acq: 27 Feb 2023 12:02

Tgt Ion: 95 Resp: 163025
Ion Ratio Lower Upper
95 100
174 78.6 0.0 169.2
176 72.6 0.0 163.4

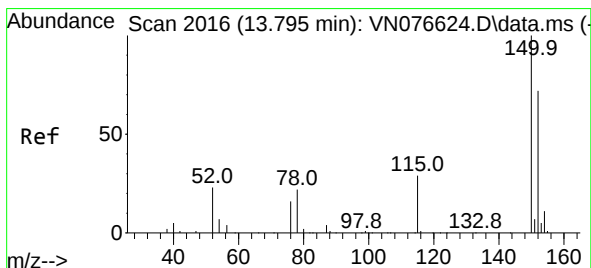
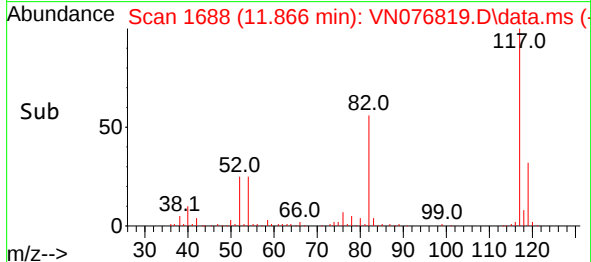
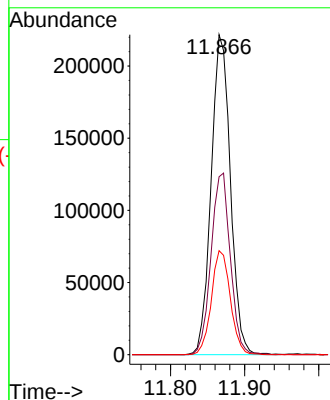
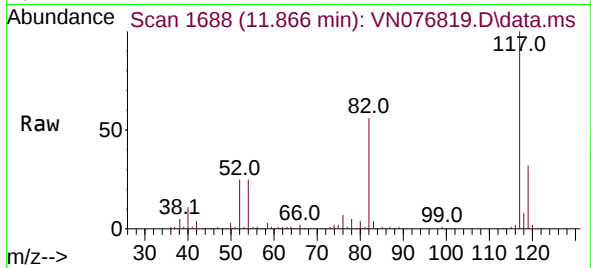




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076819.D
Acq: 27 Feb 2023 12:02

Instrument :
MSVOA_N
ClientSampleId :
OK-0567

Tgt Ion:117 Resp: 400220
Ion Ratio Lower Upper
117 100
82 55.6 43.4 65.2
119 32.5 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: VN076819.D
Acq: 27 Feb 2023 12:02

Tgt Ion:152 Resp: 151685
Ion Ratio Lower Upper
152 100
115 60.5 29.3 87.9
150 159.4 0.0 349.8

