

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022423\
 Data File : VN076809.D
 Acq On : 24 Feb 2023 15:02
 Operator : JC\MD
 Sample : 01636-01ME
 Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-022123ME

Quant Time: Feb 25 01:45:55 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	8.225	168	307658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	535597	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	462457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	180692	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	215306	50.680	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.360%
35) Dibromofluoromethane	8.166	113	159976	45.609	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.220%
50) Toluene-d8	10.566	98	639632	48.830	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.660%
62) 4-Bromofluorobenzene	12.854	95	188383	43.422	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.840%

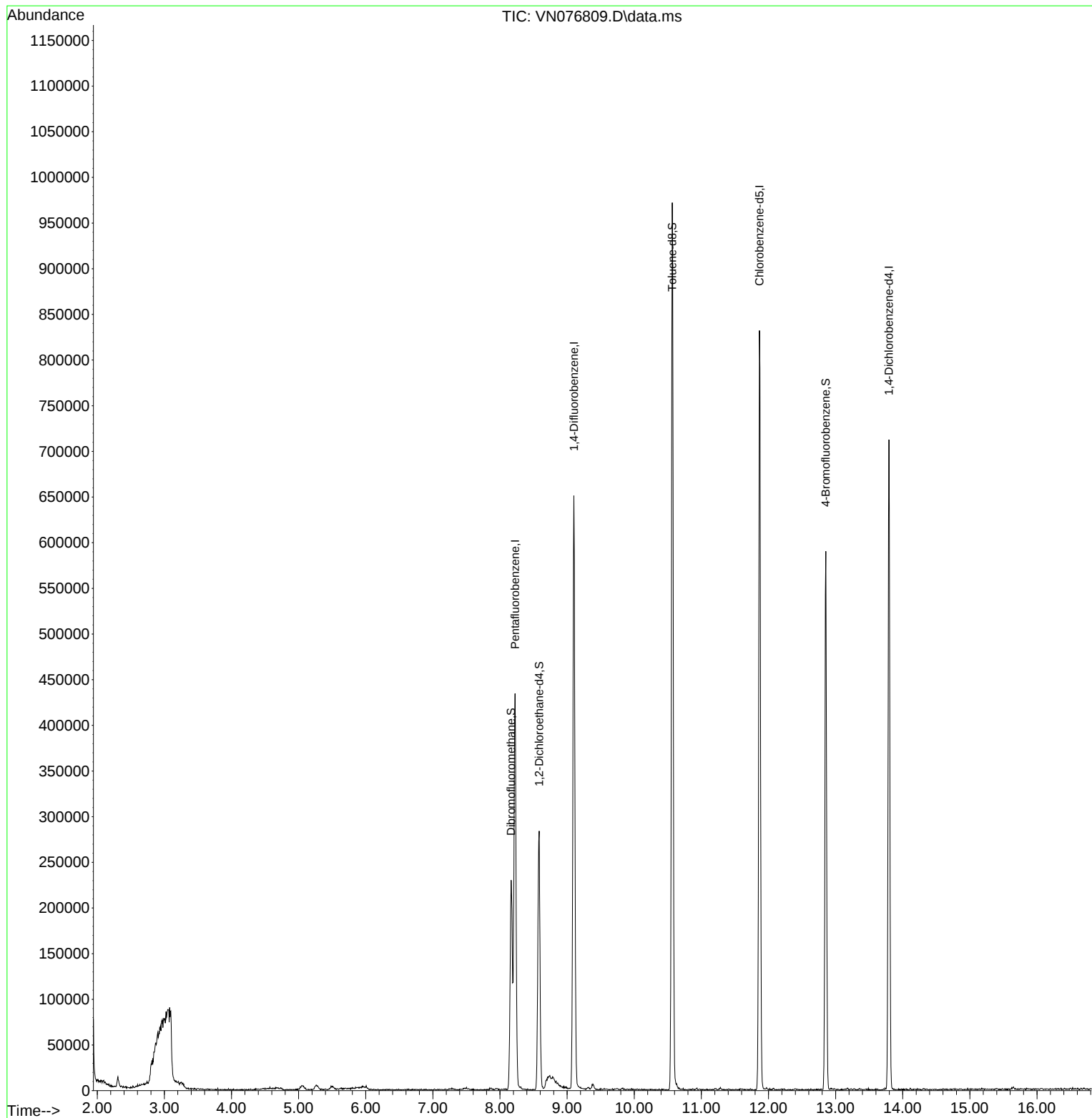
Target Compounds	Qvalue

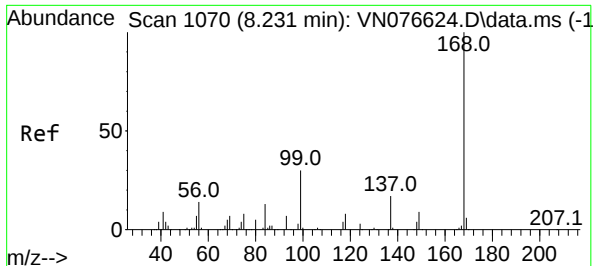
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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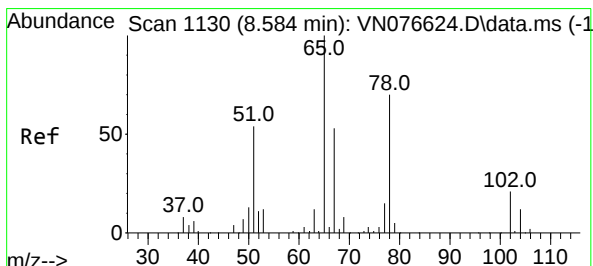
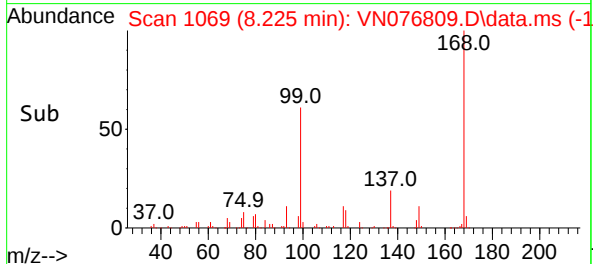
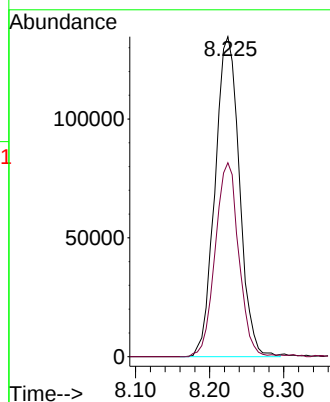
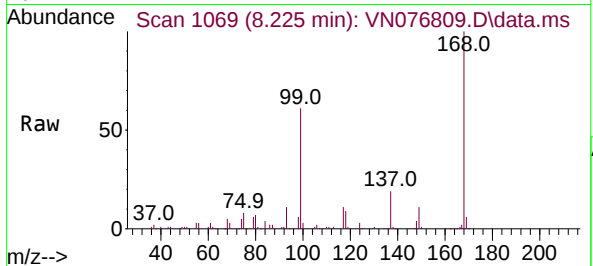




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.225 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VN076809.D
Acq: 24 Feb 2023 15:02

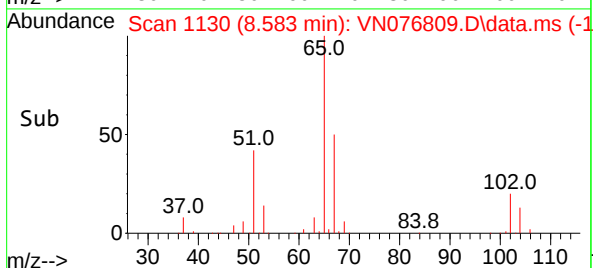
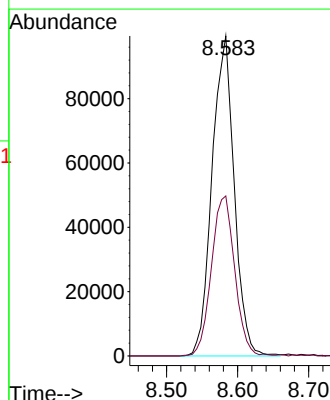
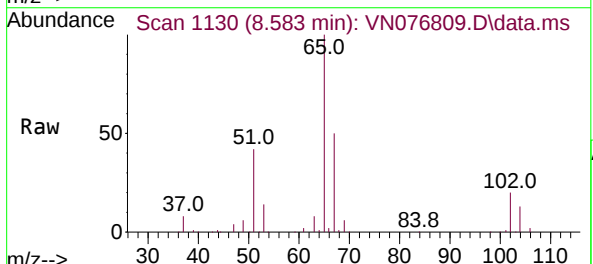
Instrument :
MSVOA_N
ClientSampleId :
OR-02-022123ME

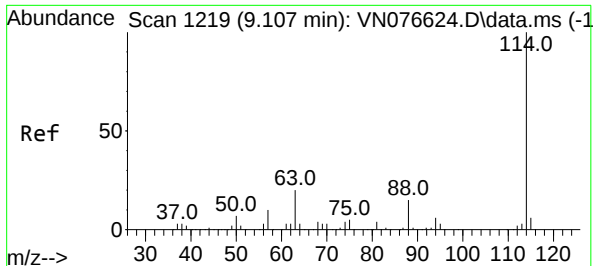
Tgt Ion:168 Resp: 307658
Ion Ratio Lower Upper
168 100
99 60.6 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 50.680 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.001 min
Lab File: VN076809.D
Acq: 24 Feb 2023 15:02

Tgt Ion: 65 Resp: 215306
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.101 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN076809.D

Acq: 24 Feb 2023 15:02

Instrument :

MSVOA_N

ClientSampleId :

OR-02-022123ME

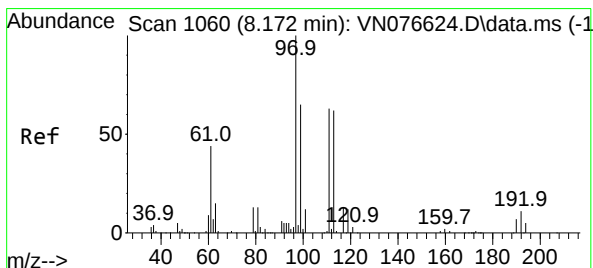
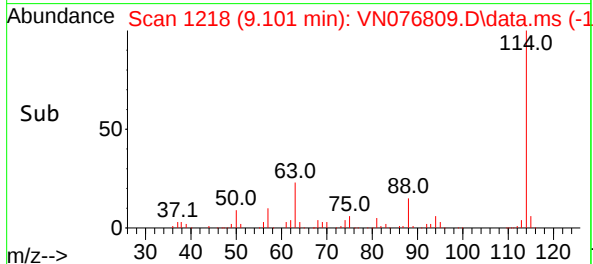
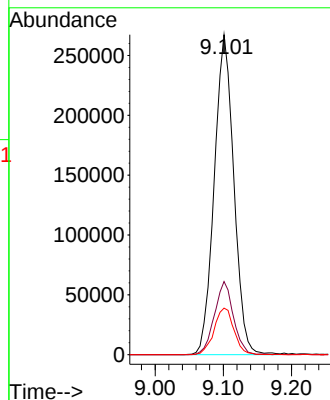
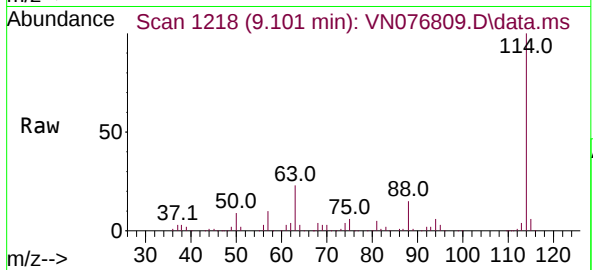
Tgt Ion:114 Resp: 535597

Ion Ratio Lower Upper

114 100

63 22.9 0.0 40.0

88 14.6 0.0 29.6



#35

Dibromofluoromethane

Concen: 45.609 ug/l

RT: 8.166 min Scan# 1059

Delta R.T. -0.006 min

Lab File: VN076809.D

Acq: 24 Feb 2023 15:02

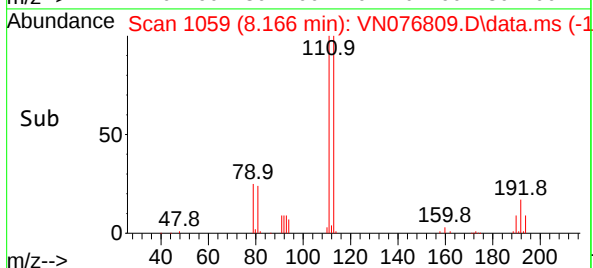
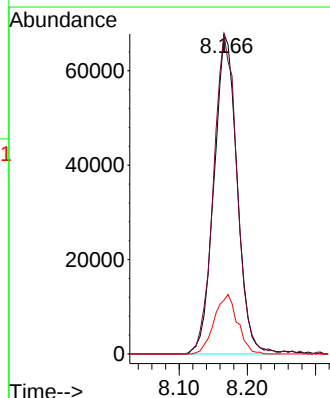
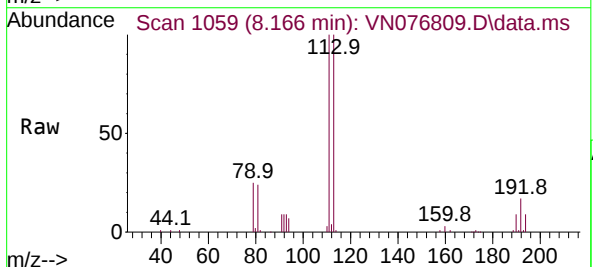
Tgt Ion:113 Resp: 159976

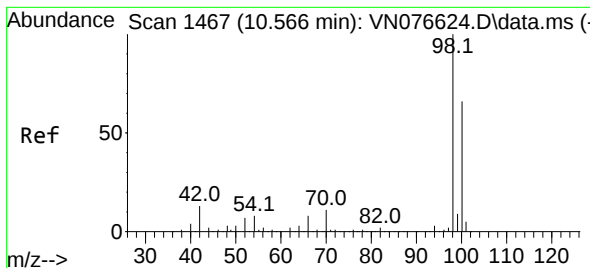
Ion Ratio Lower Upper

113 100

111 101.5 83.1 124.7

192 18.7 15.6 23.4

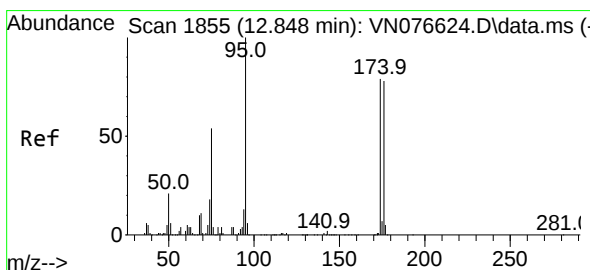
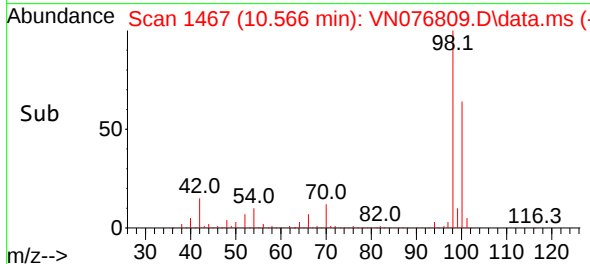
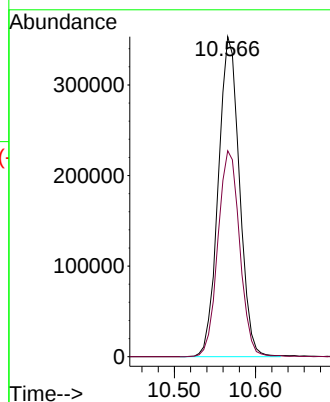
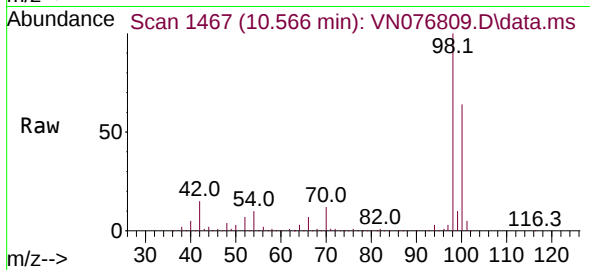




#50
Toluene-d8
Concen: 48.830 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.000 min
Lab File: VN076809.D
Acq: 24 Feb 2023 15:02

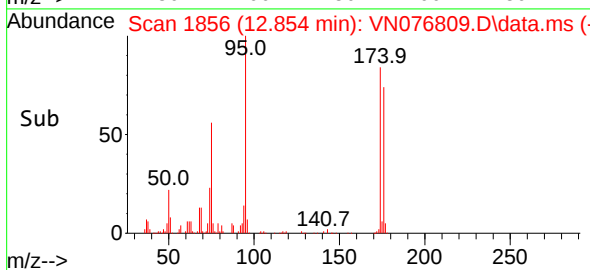
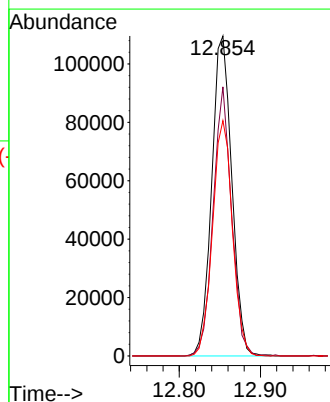
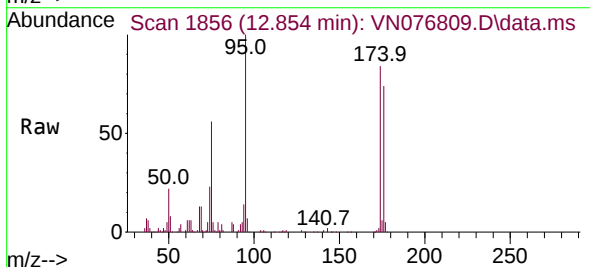
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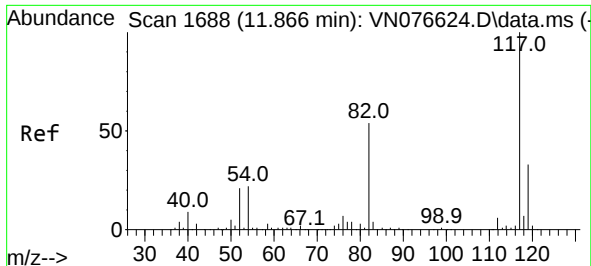
Tgt Ion: 98 Resp: 639632
Ion Ratio Lower Upper
98 100
100 66.3 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 43.422 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076809.D
Acq: 24 Feb 2023 15:02

Tgt Ion: 95 Resp: 188383
Ion Ratio Lower Upper
95 100
174 77.1 0.0 169.2
176 72.9 0.0 163.4

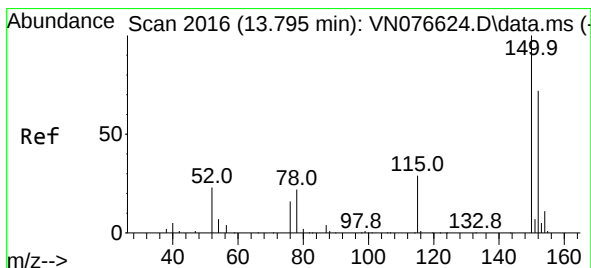
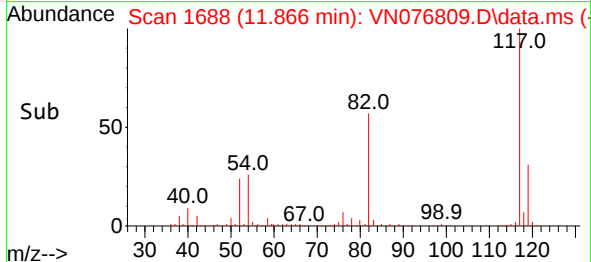
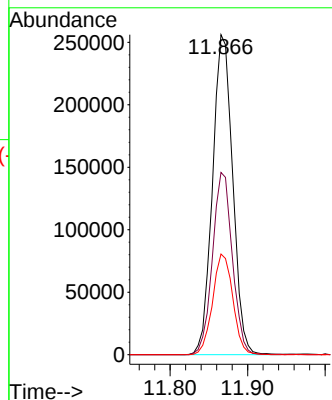
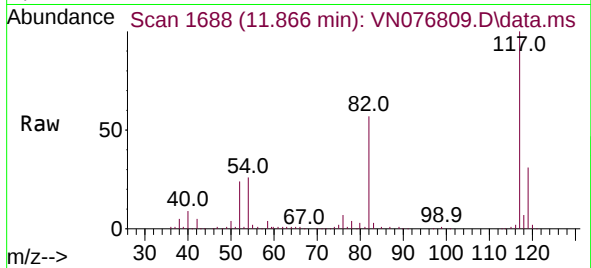




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076809.D
Acq: 24 Feb 2023 15:02

Instrument :
MSVOA_N
ClientSampleId :
OR-02-022123ME

Tgt Ion:117 Resp: 462457
Ion Ratio Lower Upper
117 100
82 56.9 43.4 65.2
119 31.5 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: VN076809.D
Acq: 24 Feb 2023 15:02

Tgt Ion:152 Resp: 180692
Ion Ratio Lower Upper
152 100
115 59.0 29.3 87.9
150 159.1 0.0 349.8

