

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021323\
 Data File : VN076643.D
 Acq On : 13 Feb 2023 21:32
 Operator : JC\MD
 Sample : 01532-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OWBR-02-160-180-021023

Quant Time: Feb 14 05:28:25 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	309342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	563030	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	489706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	190005	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	218980	51.265	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.520%
35) Dibromofluoromethane	8.172	113	170356	46.202	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.400%
50) Toluene-d8	10.572	98	685230	49.763	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.520%
62) 4-Bromofluorobenzene	12.854	95	202047	44.302	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.600%

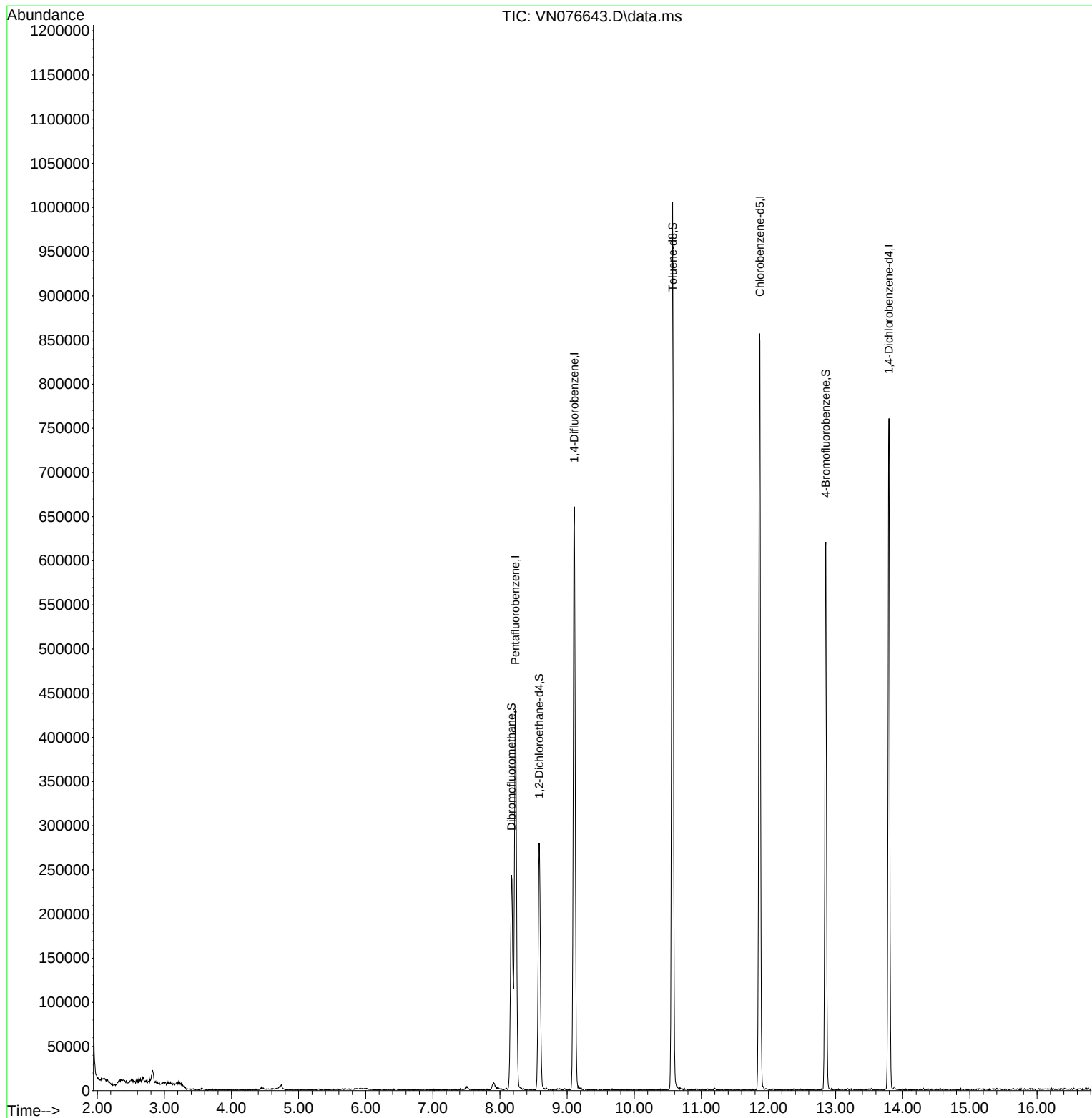
Target Compounds	Qvalue

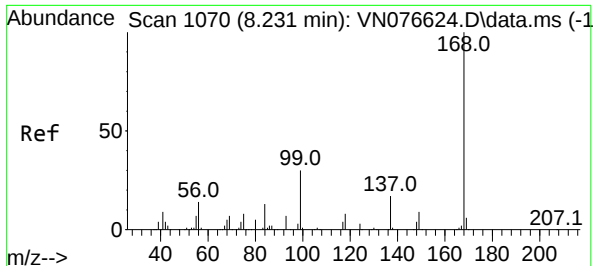
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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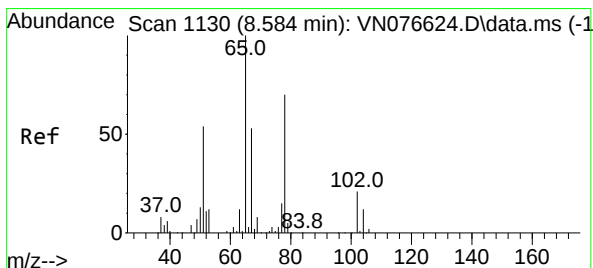
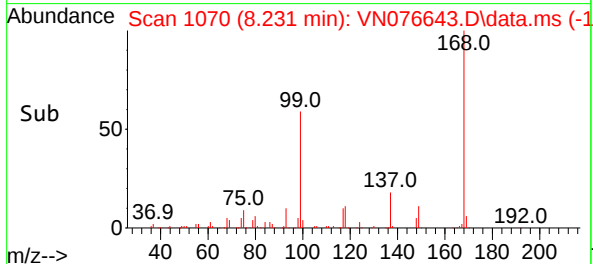
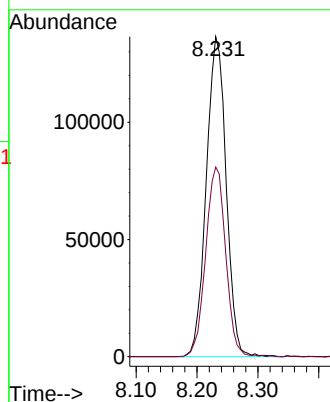
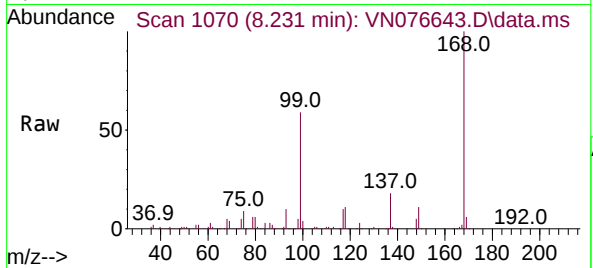




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN076643.D
Acq: 13 Feb 2023 21:32

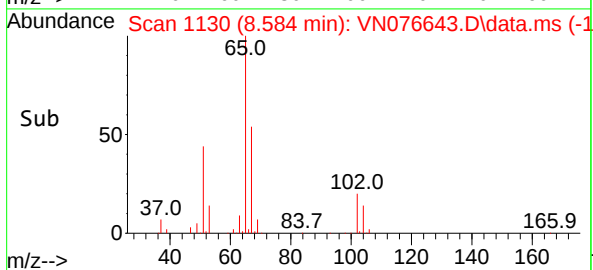
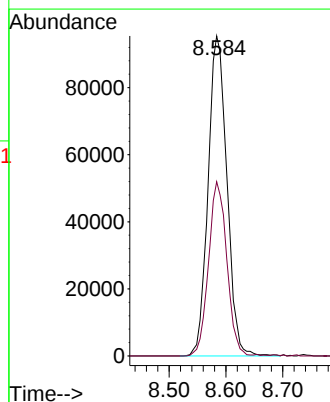
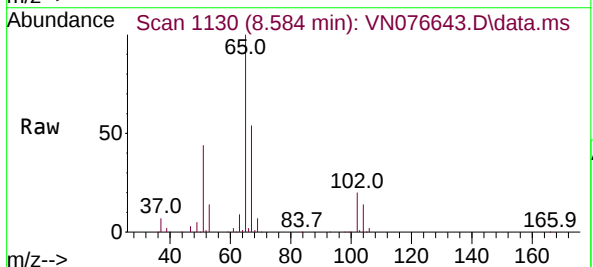
Instrument :
MSVOA_N
ClientSampleId :
OWBR-02-160-180-021023

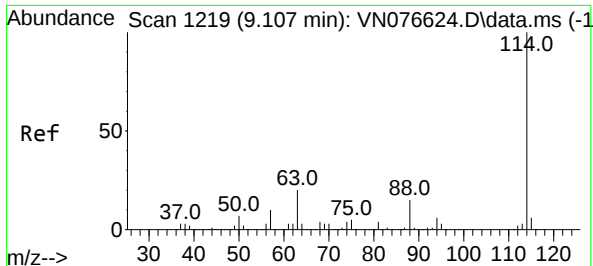
Tgt Ion:168 Resp: 309342
Ion Ratio Lower Upper
168 100
99 59.2 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 51.265 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN076643.D
Acq: 13 Feb 2023 21:32

Tgt Ion: 65 Resp: 218980
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.6

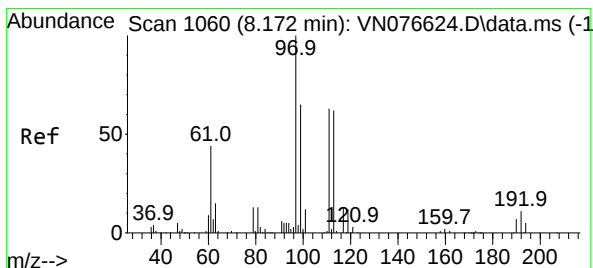
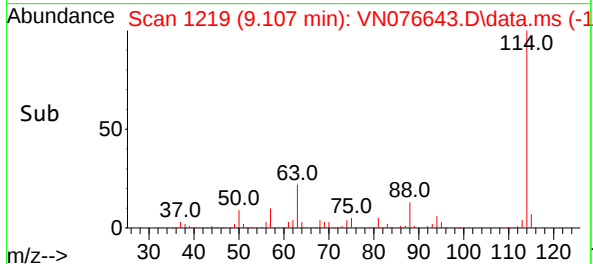
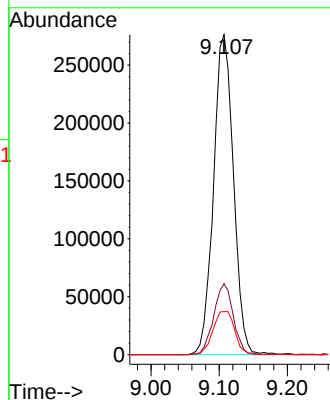
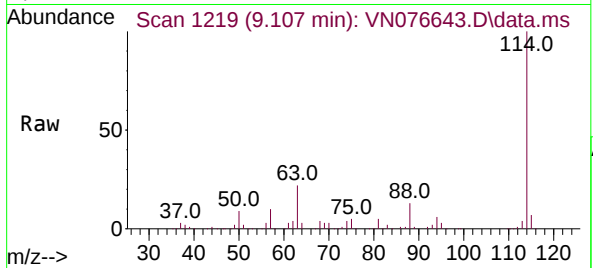




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076643.D
Acq: 13 Feb 2023 21:32

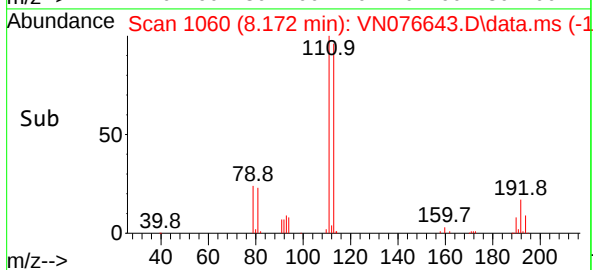
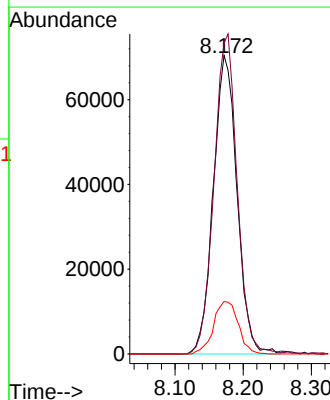
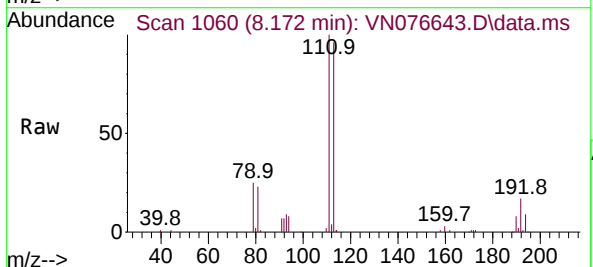
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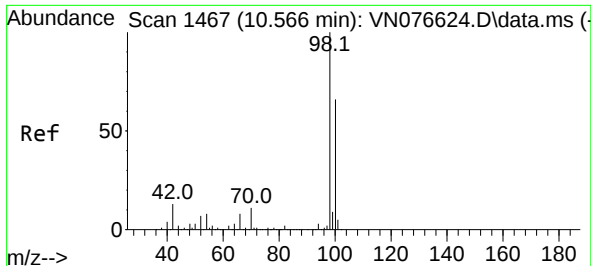
Tgt Ion:114 Resp: 563030
Ion Ratio Lower Upper
114 100
63 22.2 0.0 40.0
88 13.4 0.0 29.6



#35
Dibromofluoromethane
Concen: 46.202 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN076643.D
Acq: 13 Feb 2023 21:32

Tgt Ion:113 Resp: 170356
Ion Ratio Lower Upper
113 100
111 104.9 83.1 124.7
192 18.3 15.6 23.4

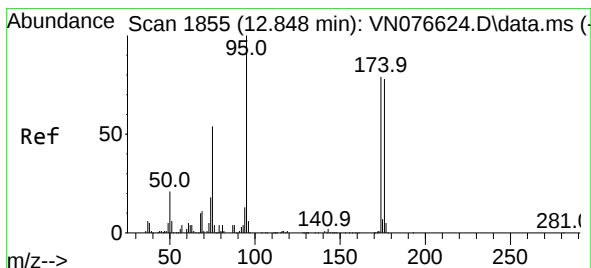
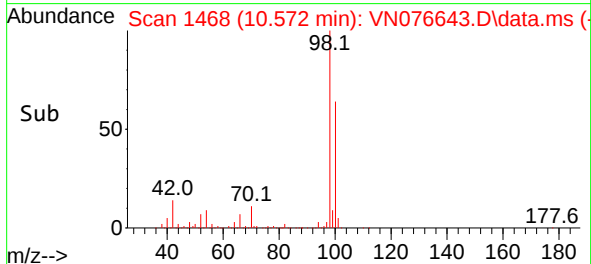
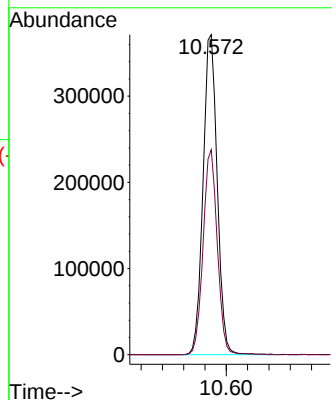
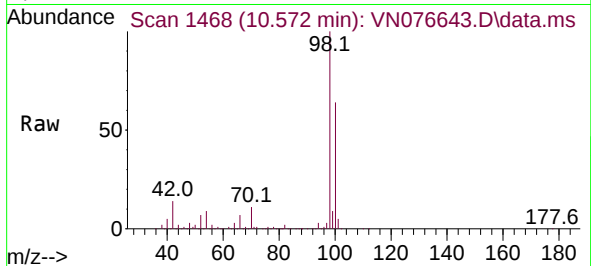




#50
Toluene-d8
Concen: 49.763 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076643.D
Acq: 13 Feb 2023 21:32

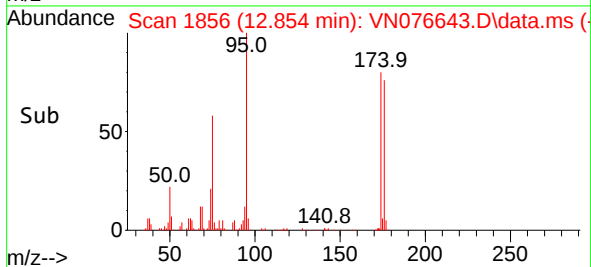
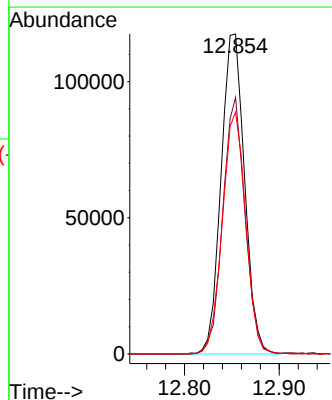
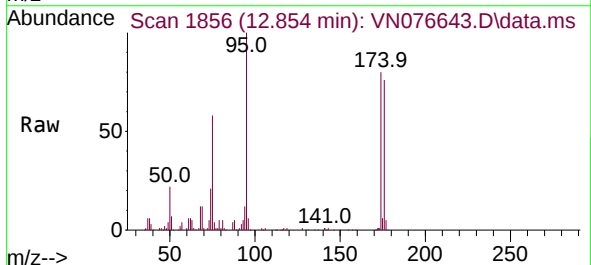
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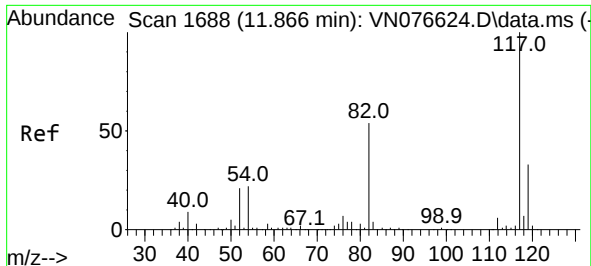
Tgt Ion: 98 Resp: 685230
Ion Ratio Lower Upper
98 100
100 64.0 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 44.302 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076643.D
Acq: 13 Feb 2023 21:32

Tgt Ion: 95 Resp: 202047
Ion Ratio Lower Upper
95 100
174 76.2 0.0 169.2
176 75.1 0.0 163.4

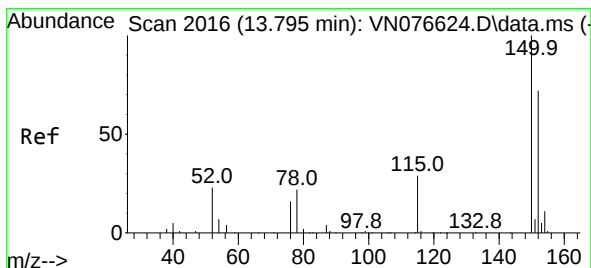
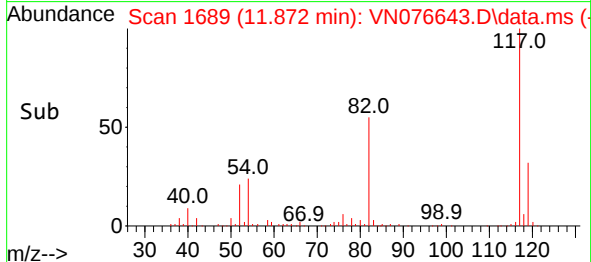
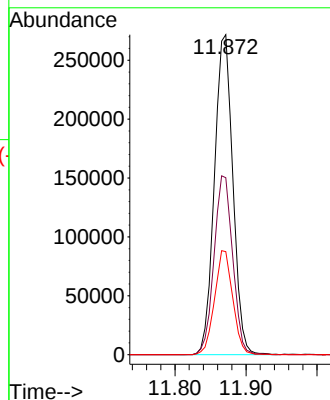
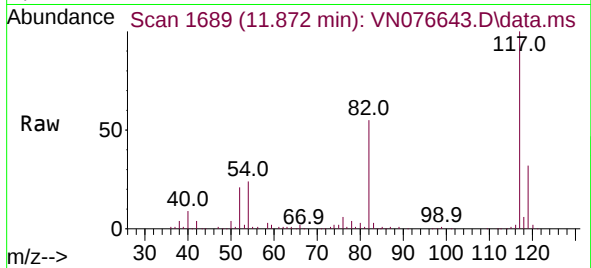




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076643.D
Acq: 13 Feb 2023 21:32

Instrument :
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Tgt Ion:117 Resp: 489706
Ion Ratio Lower Upper
117 100
82 55.3 43.4 65.2
119 32.2 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: VN076643.D
Acq: 13 Feb 2023 21:32

Tgt Ion:152 Resp: 190005
Ion Ratio Lower Upper
152 100
115 61.1 29.3 87.9
150 158.7 0.0 349.8

