

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032323\
 Data File : VN077154.D
 Acq On : 23 Mar 2023 17:06
 Operator : JC\MD
 Sample : 02048-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FIELD-BLANK-FB

Quant Time: Mar 24 01:35:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.231	168	380913	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	676298	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	571684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	212842	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	288524	47.420	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.840%
35) Dibromofluoromethane	8.172	113	218136	46.057	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.120%
50) Toluene-d8	10.572	98	813845	48.104	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.200%
62) 4-Bromofluorobenzene	12.854	95	236164	39.503	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	79.000%#

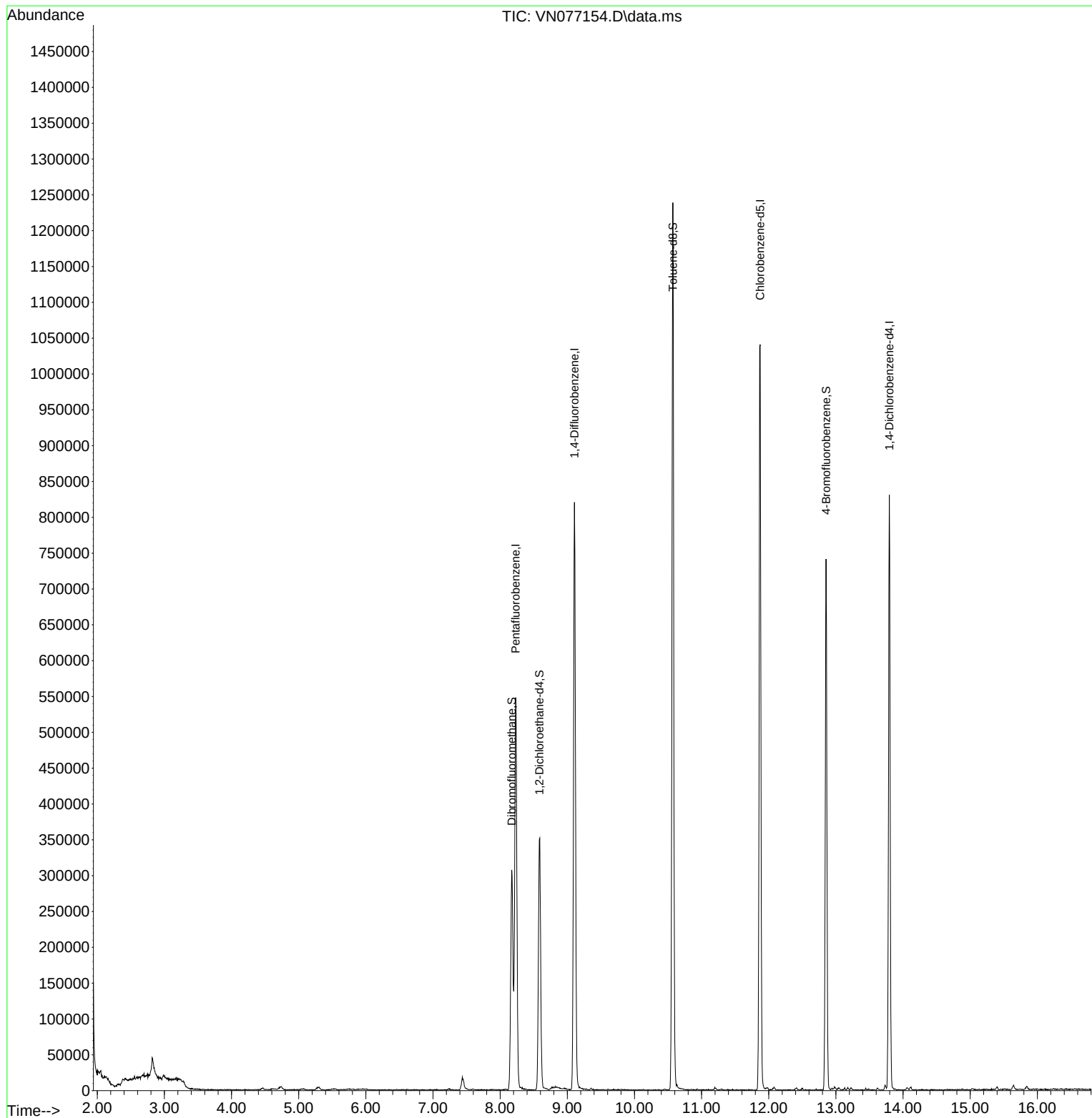
Target Compounds	Qvalue

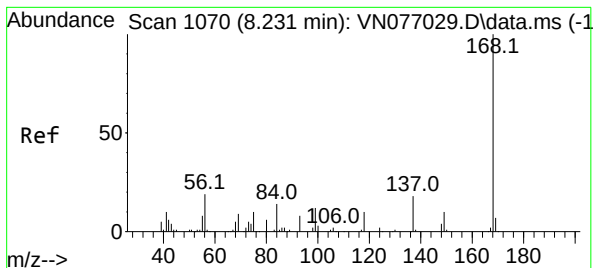
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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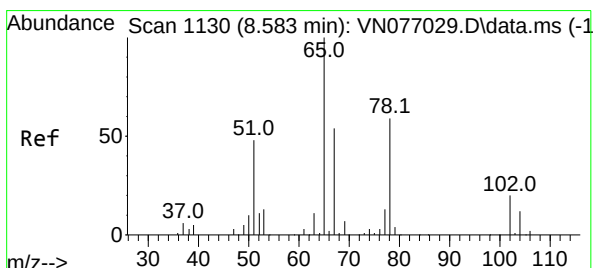
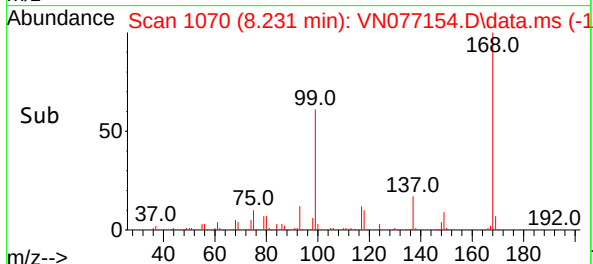
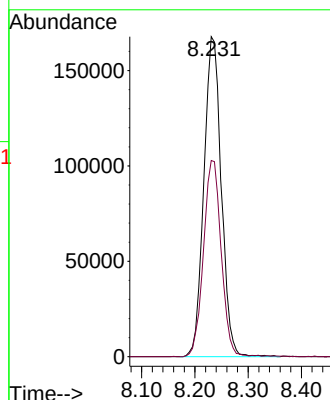
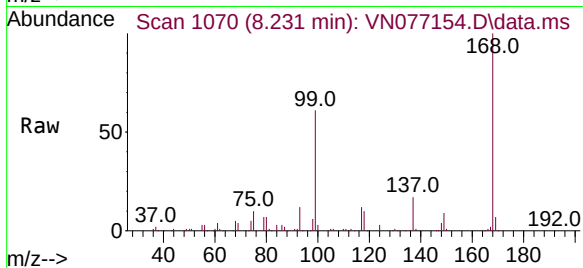




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077154.D
Acq: 23 Mar 2023 17:06

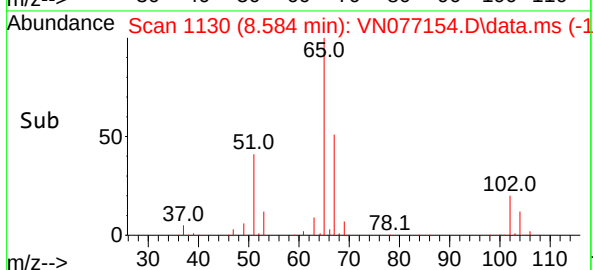
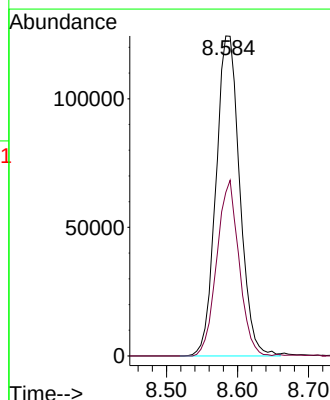
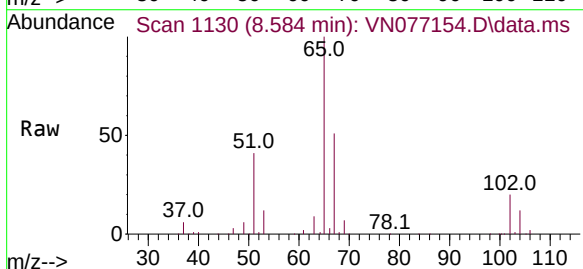
Instrument :
MSVOA_N
ClientSampleId :
FIELD-BLANK-FB

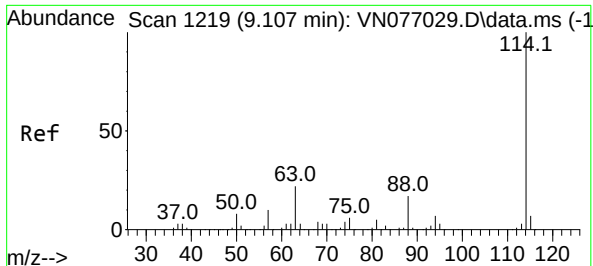
Tgt Ion:168 Resp: 380913
Ion Ratio Lower Upper
168 100
99 61.3 53.9 80.9



#33
1,2-Dichloroethane-d4
Concen: 47.420 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN077154.D
Acq: 23 Mar 2023 17:06

Tgt Ion: 65 Resp: 288524
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077154.D

Acq: 23 Mar 2023 17:06

Instrument :

MSVOA_N

ClientSampleId :

FIELD-BLANK-FB

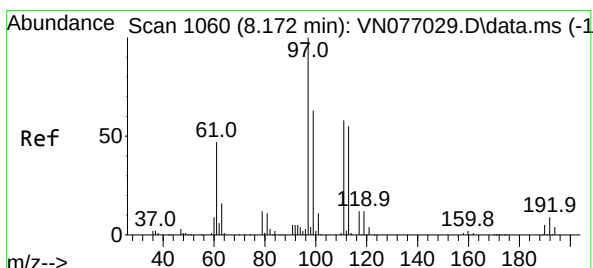
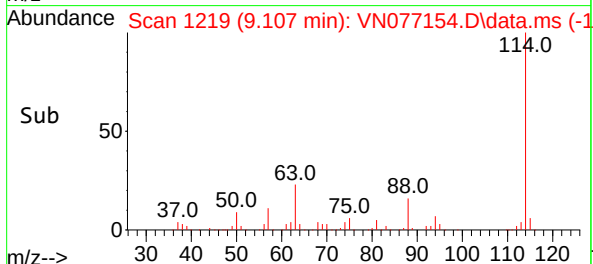
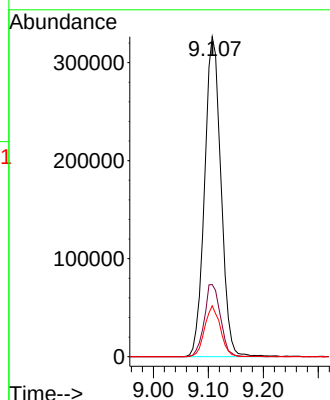
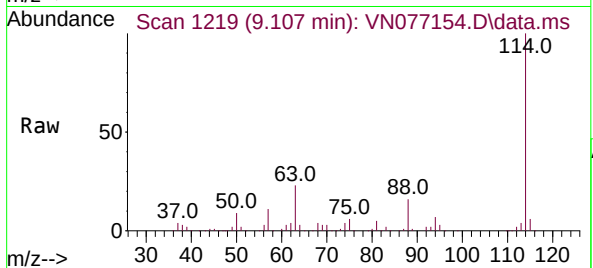
Tgt Ion:114 Resp: 676298

Ion Ratio Lower Upper

114 100

63 22.5 0.0 44.6

88 15.9 0.0 33.8



#35

Dibromofluoromethane

Concen: 46.057 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN077154.D

Acq: 23 Mar 2023 17:06

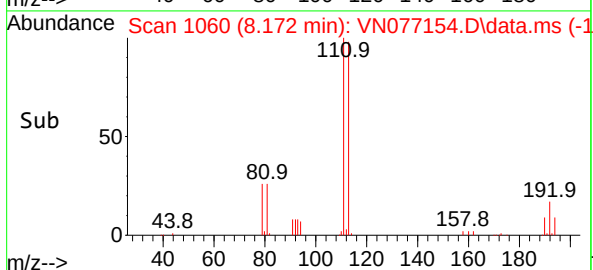
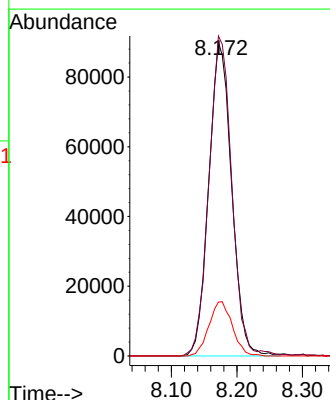
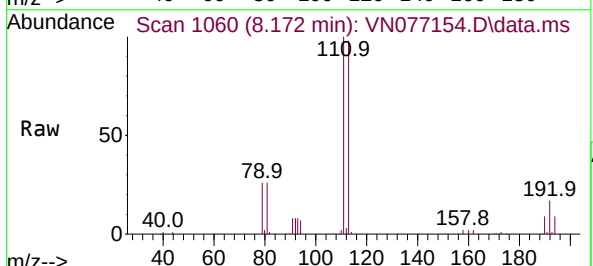
Tgt Ion:113 Resp: 218136

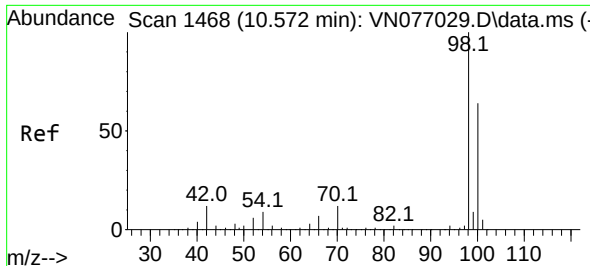
Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.2

192 17.7 13.0 19.6

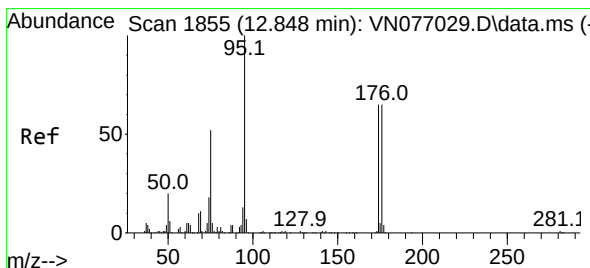
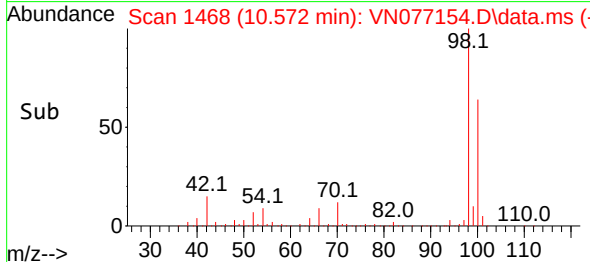
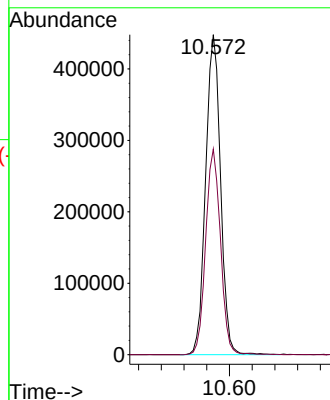
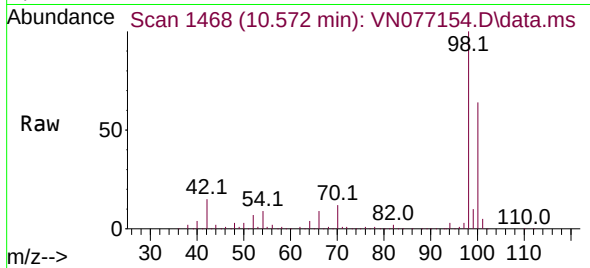




#50
Toluene-d8
Concen: 48.104 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VN077154.D
Acq: 23 Mar 2023 17:06

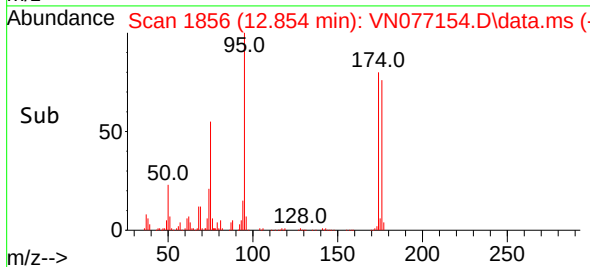
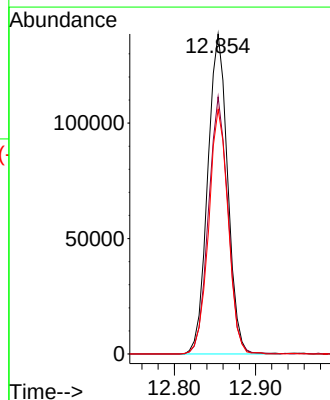
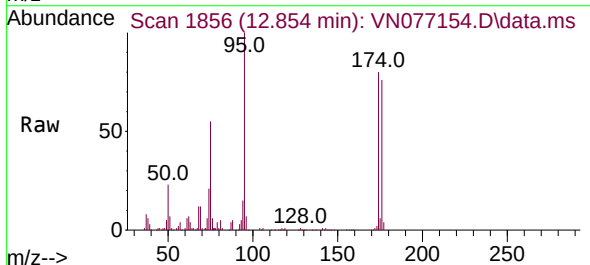
Instrument :
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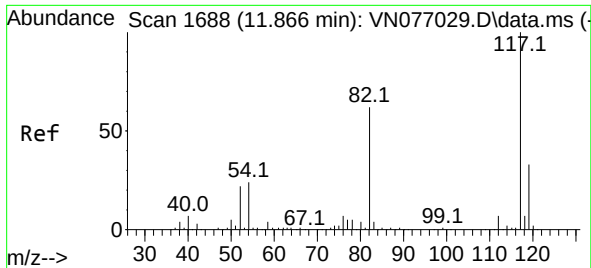
Tgt Ion: 98 Resp: 813845
Ion Ratio Lower Upper
98 100
100 63.9 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 39.503 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077154.D
Acq: 23 Mar 2023 17:06

Tgt Ion: 95 Resp: 236164
Ion Ratio Lower Upper
95 100
174 78.6 0.0 136.6
176 74.5 0.0 130.0

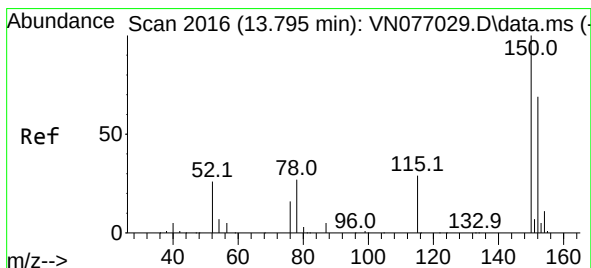
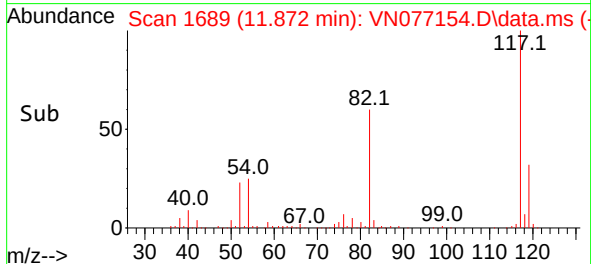
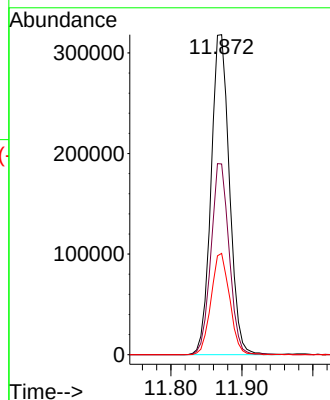
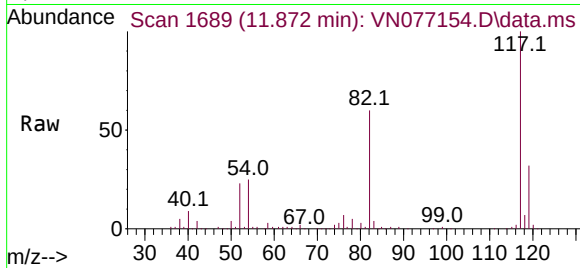




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN077154.D
Acq: 23 Mar 2023 17:06

Instrument :
MSVOA_N
ClientSampleId :
FIELD-BLANK-FB

Tgt Ion:117 Resp: 571684
Ion Ratio Lower Upper
117 100
82 59.6 49.4 74.0
119 31.7 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077154.D
Acq: 23 Mar 2023 17:06

Tgt Ion:152 Resp: 212842
Ion Ratio Lower Upper
152 100
115 59.4 31.9 95.7
150 156.8 0.0 348.0

