

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041123\
 Data File : VN077292.D
 Acq On : 11 Apr 2023 09:52
 Operator : JC\MD
 Sample : VN0411MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0411MBL01

Quant Time: Apr 12 04:35:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	449939	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	864206	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	736641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	256368	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	287799	46.801	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.600%
35) Dibromofluoromethane	8.172	113	265756	48.036	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.080%
50) Toluene-d8	10.572	98	1053003	47.280	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.560%
62) 4-Bromofluorobenzene	12.854	95	302131	40.789	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	81.580%#

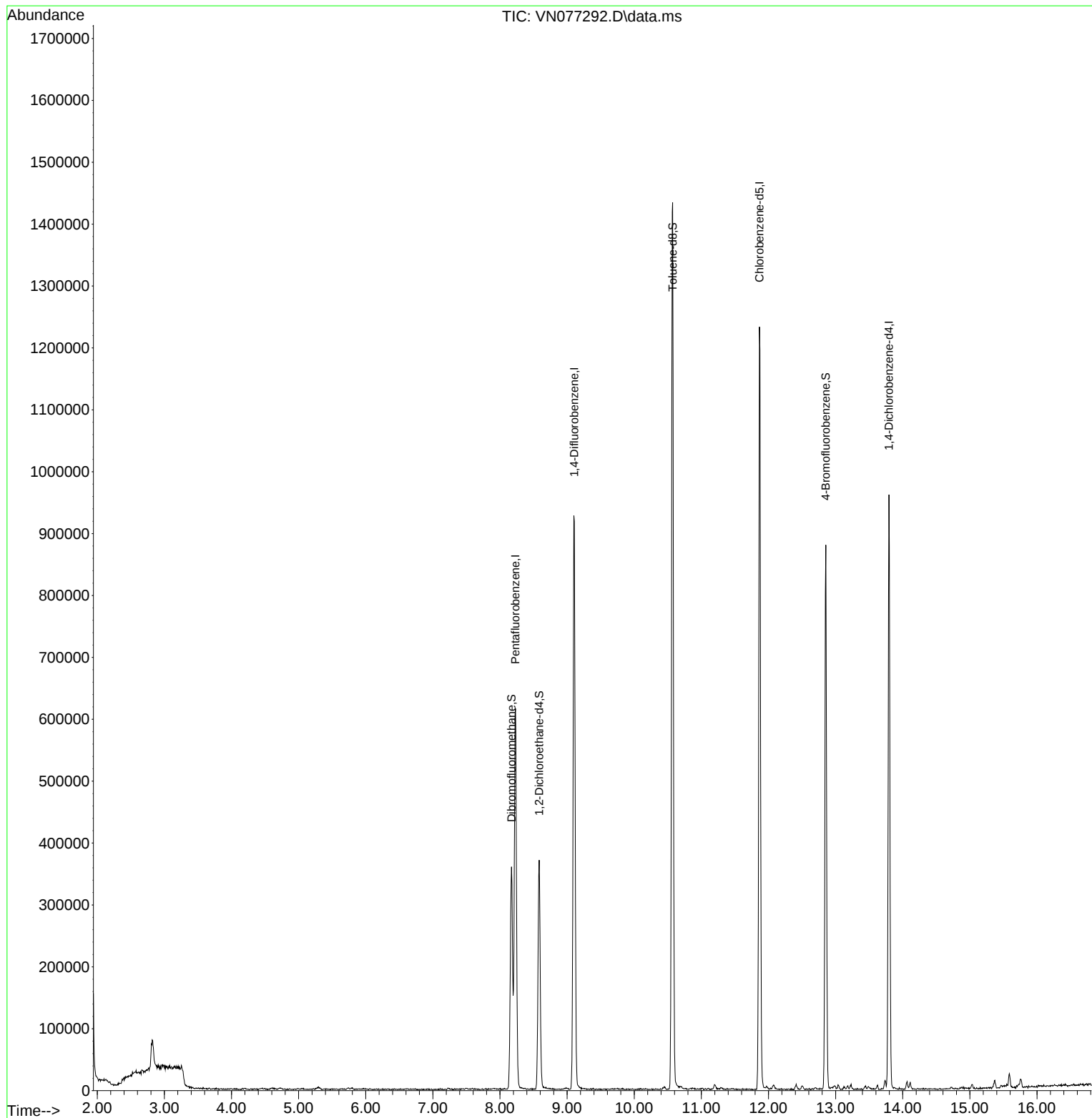
Target Compounds	Qvalue

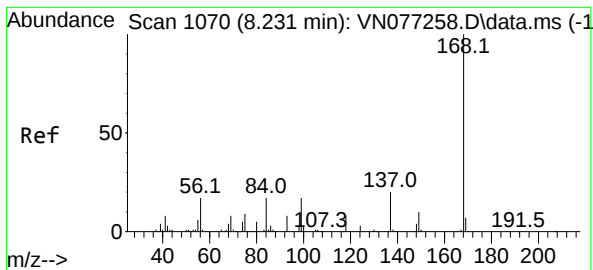
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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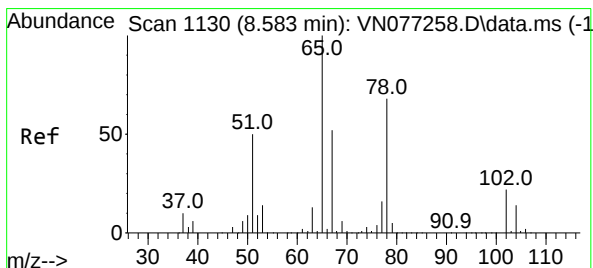
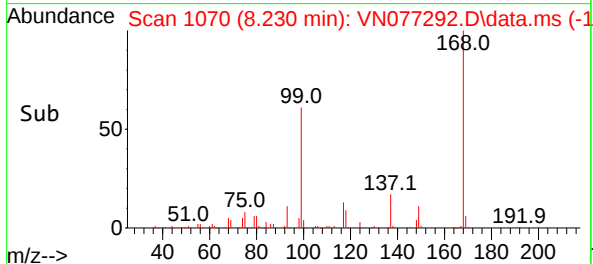
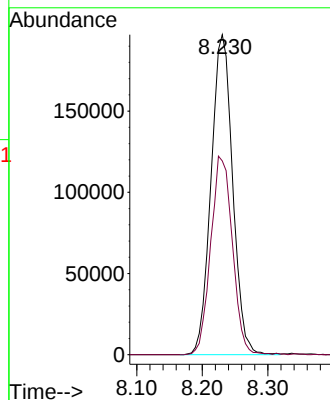
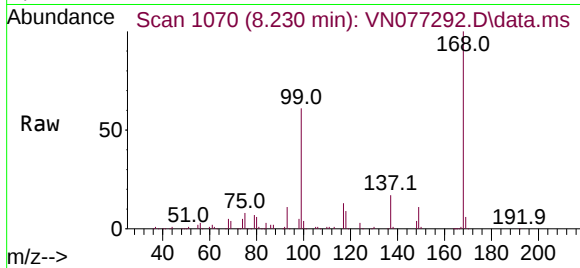




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1107
Delta R.T. -0.001 min
Lab File: VN077292.D
Acq: 11 Apr 2023 09:52

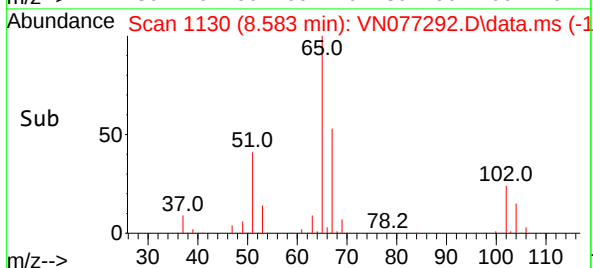
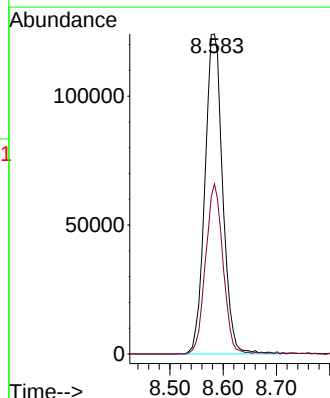
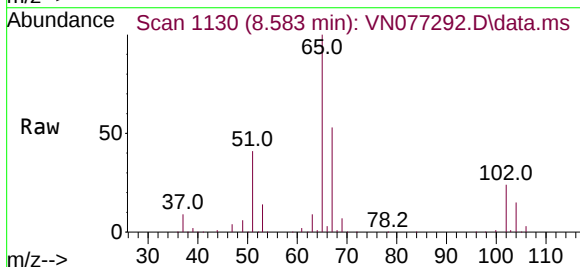
Instrument :
MSVOA_N
ClientSampleId :
VN0411MBL01

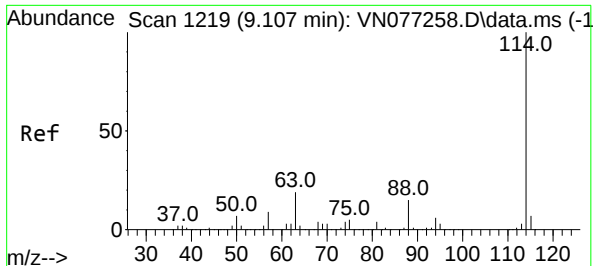
Tgt Ion:168 Resp: 449939
Ion Ratio Lower Upper
168 100
99 60.6 50.6 75.8



#33
1,2-Dichloroethane-d4
Concen: 46.801 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077292.D
Acq: 11 Apr 2023 09:52

Tgt Ion: 65 Resp: 287799
Ion Ratio Lower Upper
65 100
67 51.9 0.0 108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077292.D

Acq: 11 Apr 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VN0411MBL01

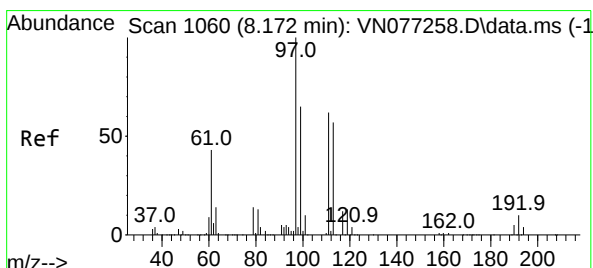
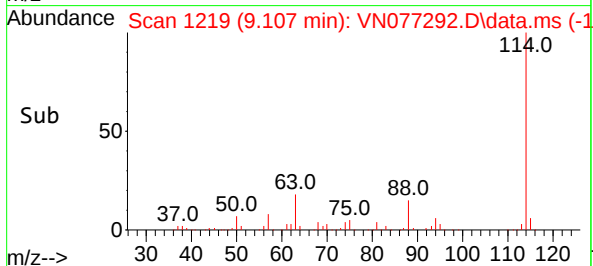
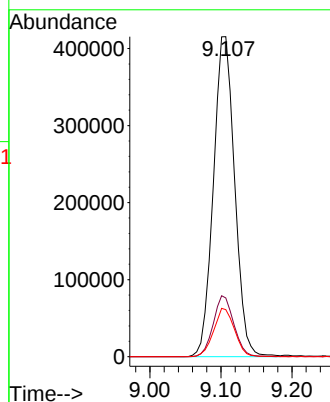
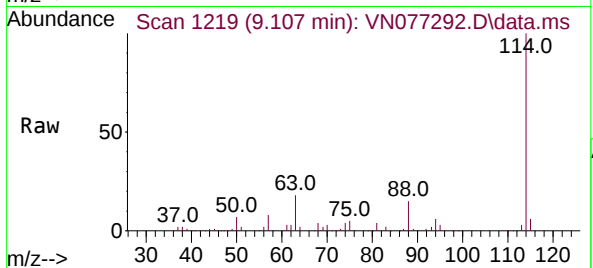
Tgt Ion:114 Resp: 864206

Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.8

88 14.7 0.0 29.4



#35

Dibromofluoromethane

Concen: 48.036 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077292.D

Acq: 11 Apr 2023 09:52

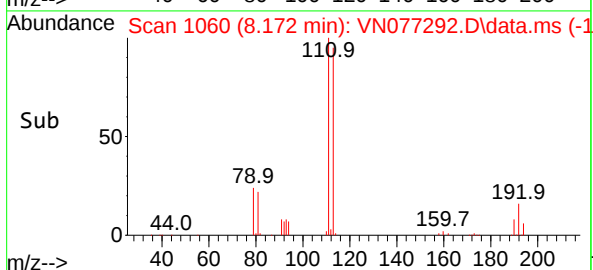
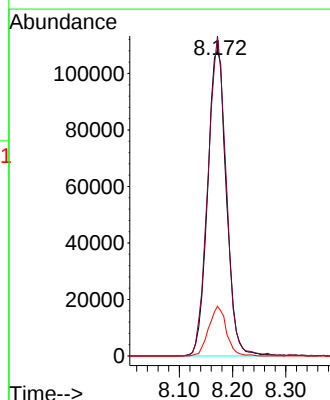
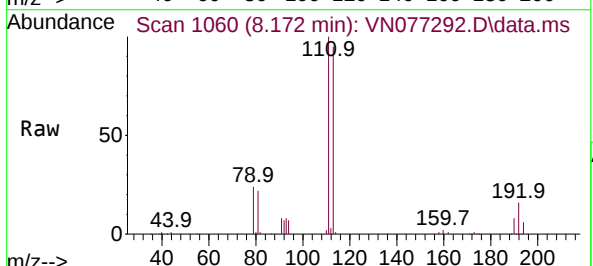
Tgt Ion:113 Resp: 265756

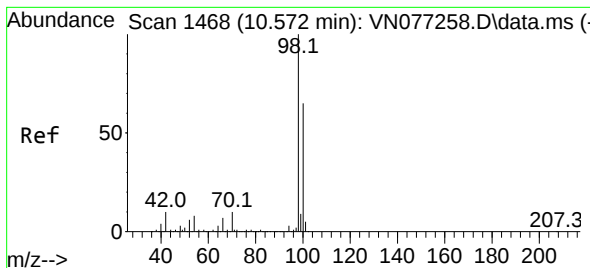
Ion Ratio Lower Upper

113 100

111 101.8 83.4 125.0

192 15.3 13.5 20.3

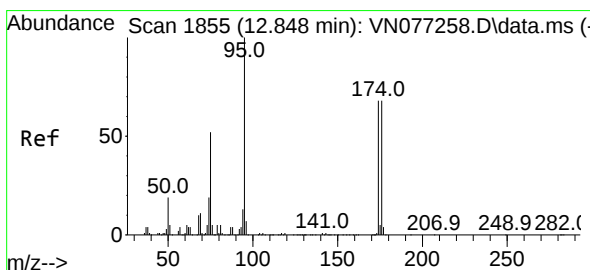
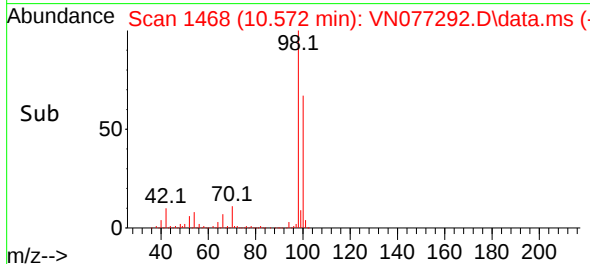
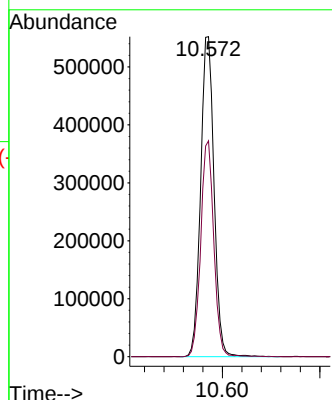
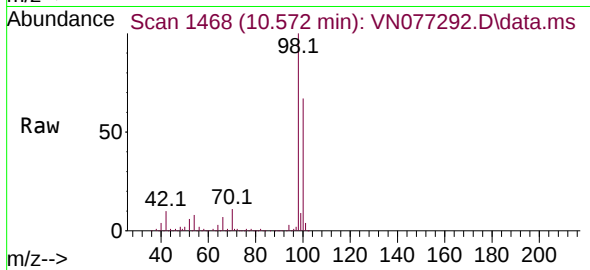




#50
Toluene-d8
Concen: 47.280 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077292.D
Acq: 11 Apr 2023 09:52

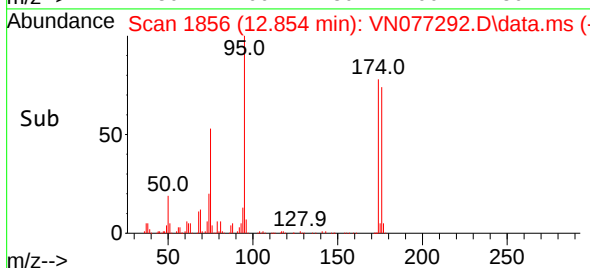
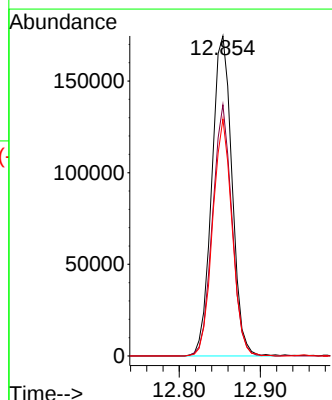
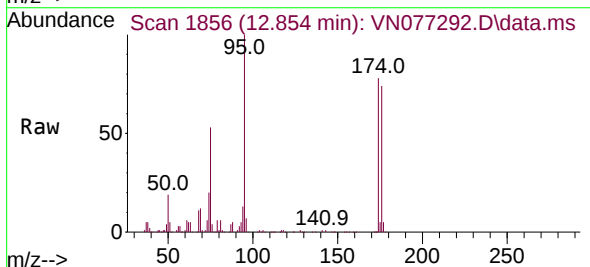
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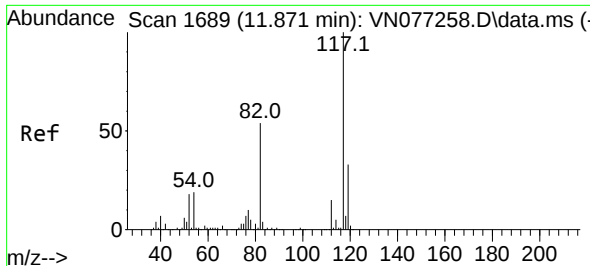
Tgt Ion: 98 Resp: 1053003
Ion Ratio Lower Upper
98 100
100 65.9 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 40.789 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077292.D
Acq: 11 Apr 2023 09:52

Tgt Ion: 95 Resp: 302131
Ion Ratio Lower Upper
95 100
174 75.1 0.0 146.8
176 71.1 0.0 139.6

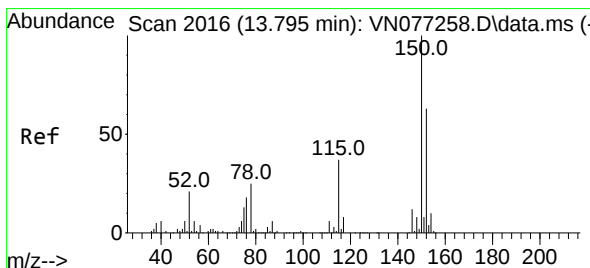
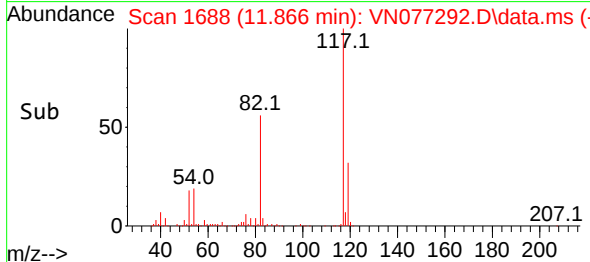
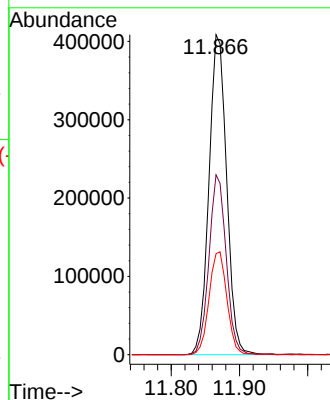
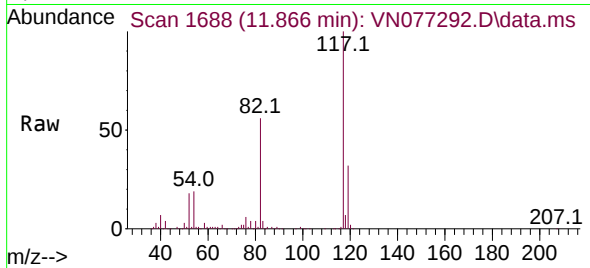




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN077292.D
Acq: 11 Apr 2023 09:52

Instrument :
MSVOA_N
ClientSampleId :
VN0411MBL01

Tgt Ion:117 Resp: 736641
Ion Ratio Lower Upper
117 100
82 56.2 42.9 64.3
119 31.6 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077292.D
Acq: 11 Apr 2023 09:52

Tgt Ion:152 Resp: 256368
Ion Ratio Lower Upper
152 100
115 62.3 32.1 96.3
150 157.1 0.0 354.8

