

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032723\
 Data File : VN077206.D
 Acq On : 27 Mar 2023 17:07
 Operator : JC\MD
 Sample : VN0327WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0327WBL02

Quant Time: Mar 28 07:28:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032523W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 27 02:47:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	397649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	698592	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	615006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	216372	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	300044	48.259	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.520%
35) Dibromofluoromethane	8.172	113	231800	48.900	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.800%
50) Toluene-d8	10.572	98	859351	48.381	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.760%
62) 4-Bromofluorobenzene	12.854	95	246075	42.213	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.420%

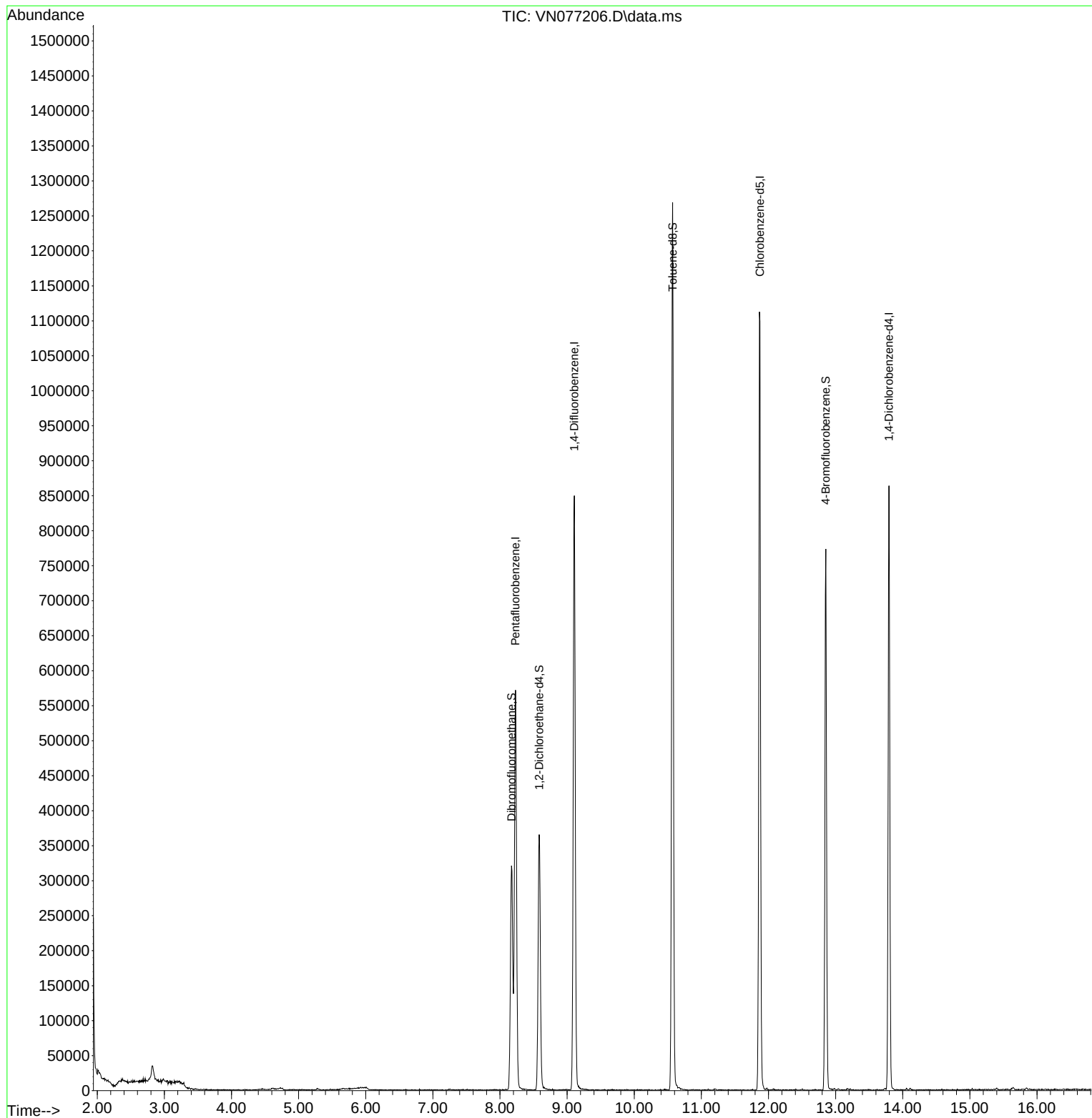
Target Compounds Qvalue

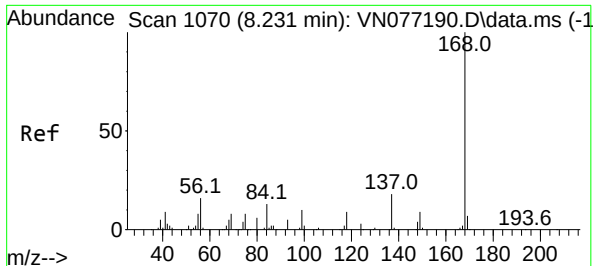
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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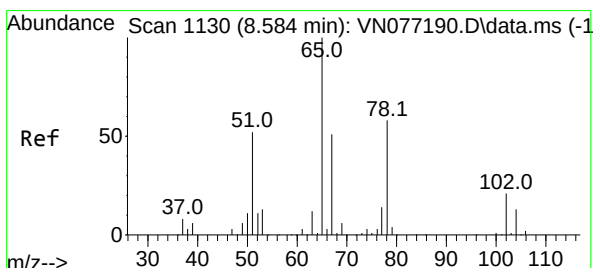
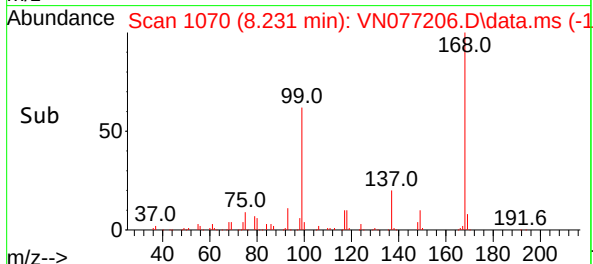
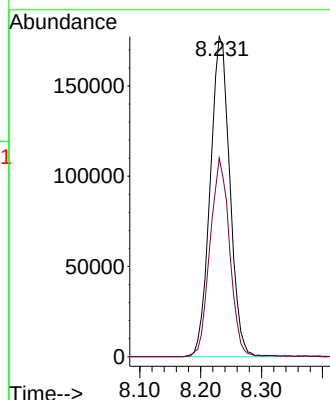
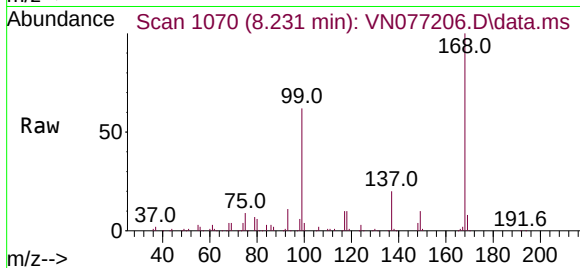




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 110
Delta R.T. -0.000 min
Lab File: VN077206.D
Acq: 27 Mar 2023 17:07

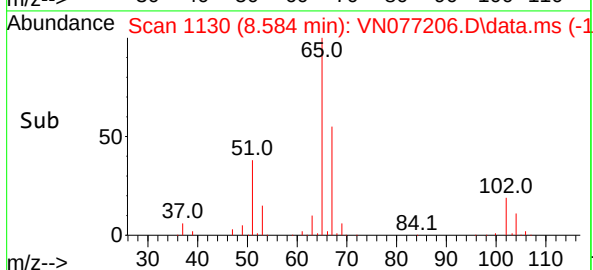
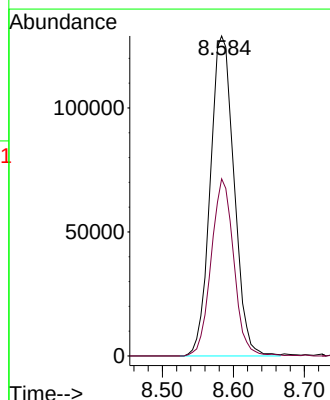
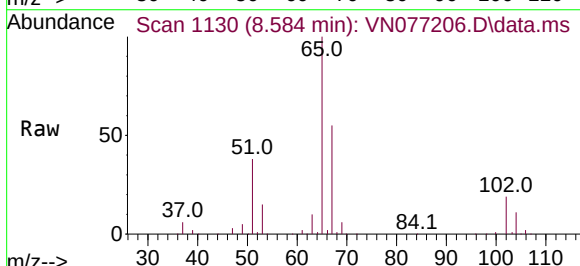
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBL02

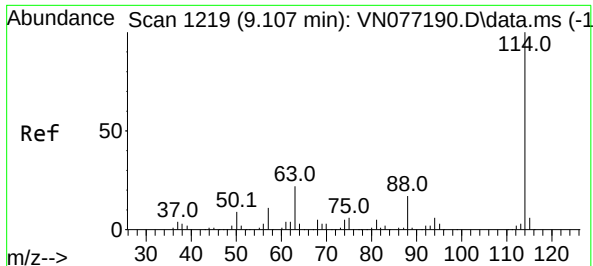
Tgt Ion:168 Resp: 397649
Ion Ratio Lower Upper
168 100
99 62.1 48.6 73.0



#33
1,2-Dichloroethane-d4
Concen: 48.259 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077206.D
Acq: 27 Mar 2023 17:07

Tgt Ion: 65 Resp: 300044
Ion Ratio Lower Upper
65 100
67 52.6 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077206.D

Acq: 27 Mar 2023 17:07

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBL02

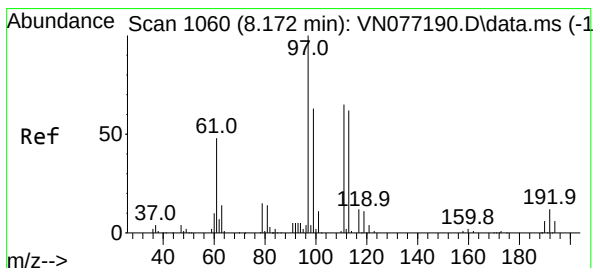
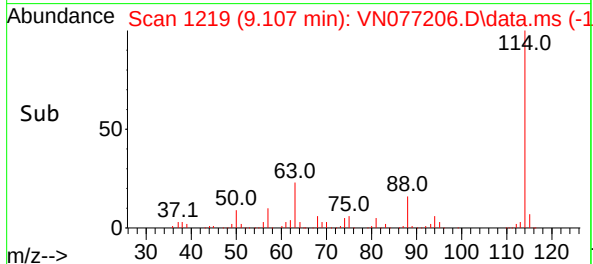
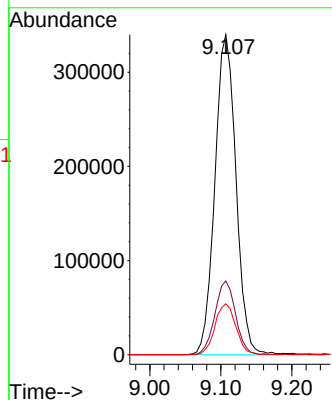
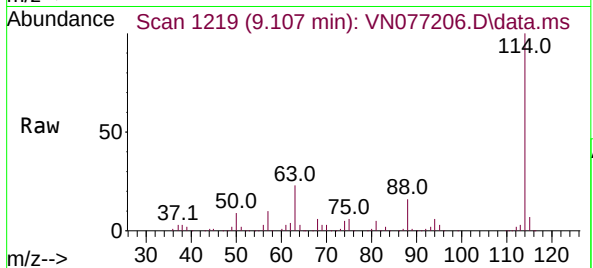
Tgt Ion:114 Resp: 698592

Ion Ratio Lower Upper

114 100

63 23.1 0.0 36.6

88 15.9 0.0 28.6



#35

Dibromofluoromethane

Concen: 48.900 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077206.D

Acq: 27 Mar 2023 17:07

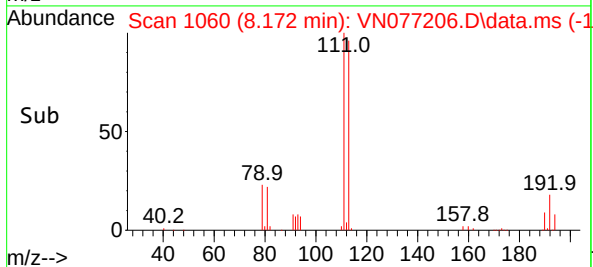
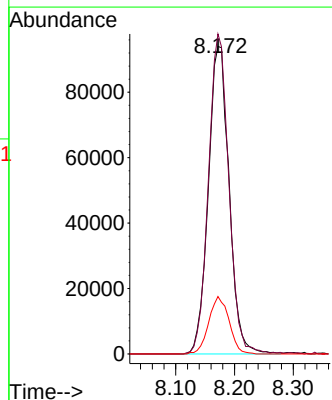
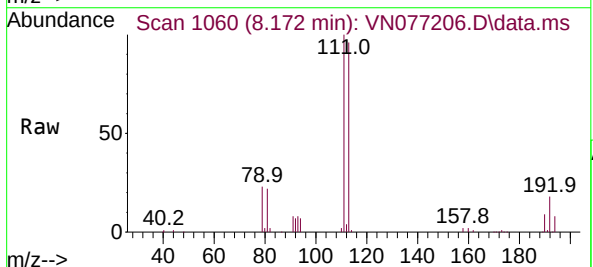
Tgt Ion:113 Resp: 231800

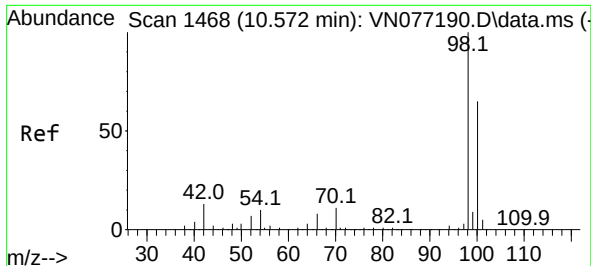
Ion Ratio Lower Upper

113 100

111 101.6 81.8 122.8

192 18.2 13.9 20.9

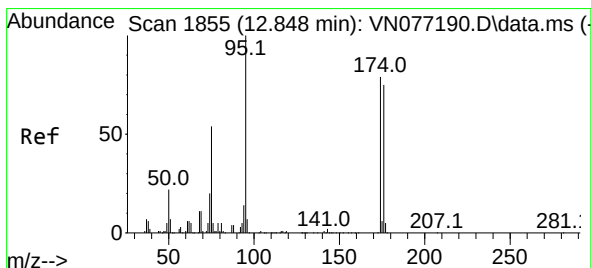
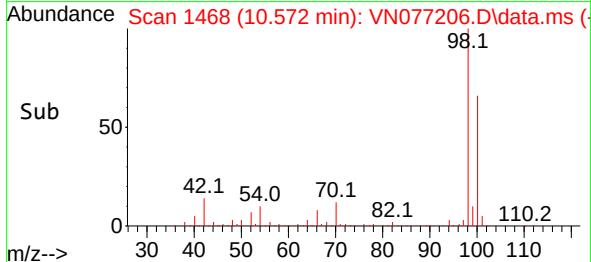
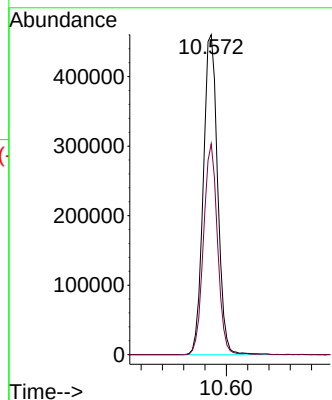
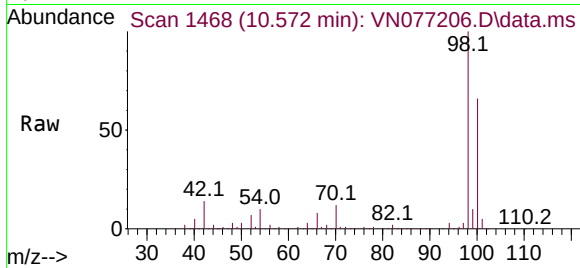




#50
Toluene-d8
Concen: 48.381 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077206.D
Acq: 27 Mar 2023 17:07

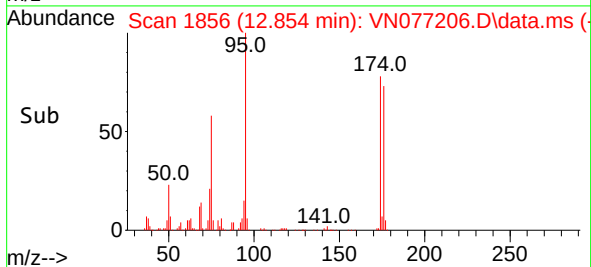
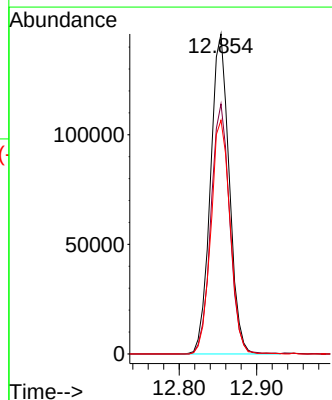
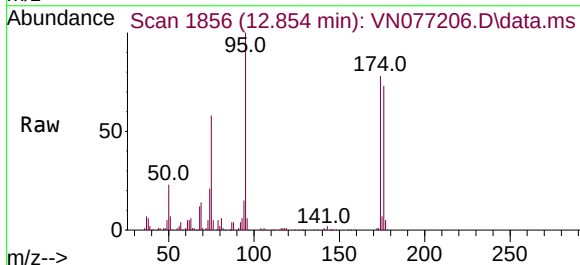
Instrument :
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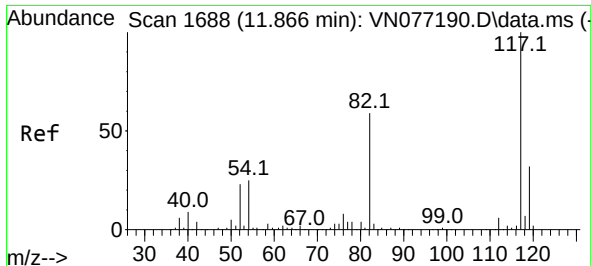
Tgt Ion: 98 Resp: 859351
Ion Ratio Lower Upper
98 100
100 64.3 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 42.213 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077206.D
Acq: 27 Mar 2023 17:07

Tgt Ion: 95 Resp: 246075
Ion Ratio Lower Upper
95 100
174 77.7 0.0 162.4
176 74.6 0.0 157.4

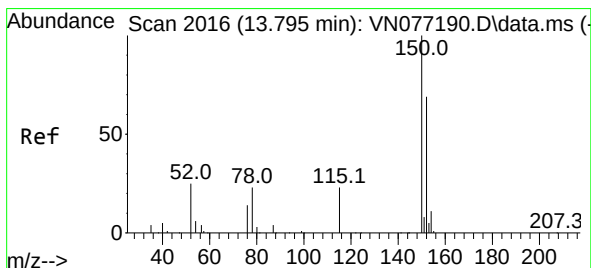
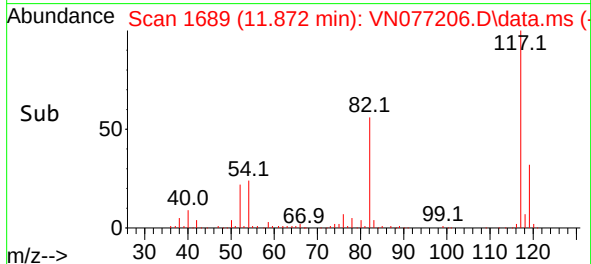
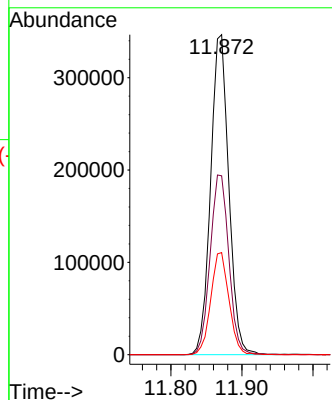
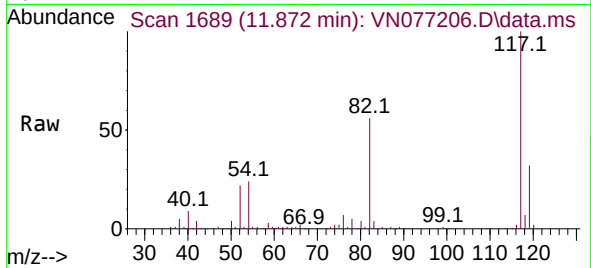




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077206.D
Acq: 27 Mar 2023 17:07

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBL02

Tgt Ion:117 Resp: 615006
Ion Ratio Lower Upper
117 100
82 55.9 43.5 65.3
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077206.D
Acq: 27 Mar 2023 17:07

Tgt Ion:152 Resp: 216372
Ion Ratio Lower Upper
152 100
115 61.0 30.3 90.9
150 156.7 0.0 353.6

