

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050923\
 Data File : VN077631.D
 Acq On : 09 May 2023 14:44
 Operator : JC\MD
 Sample : VN0509WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0509WBL01

Quant Time: May 10 04:44:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050923W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 09 13:52:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.225	168	533612	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	965864	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	904535	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	339814	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.578	65	330026	48.767	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.540%
35) Dibromofluoromethane	8.166	113	297507	49.388	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.780%
50) Toluene-d8	10.566	98	1184262	51.926	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.860%
62) 4-Bromofluorobenzene	12.854	95	407407	52.816	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.640%

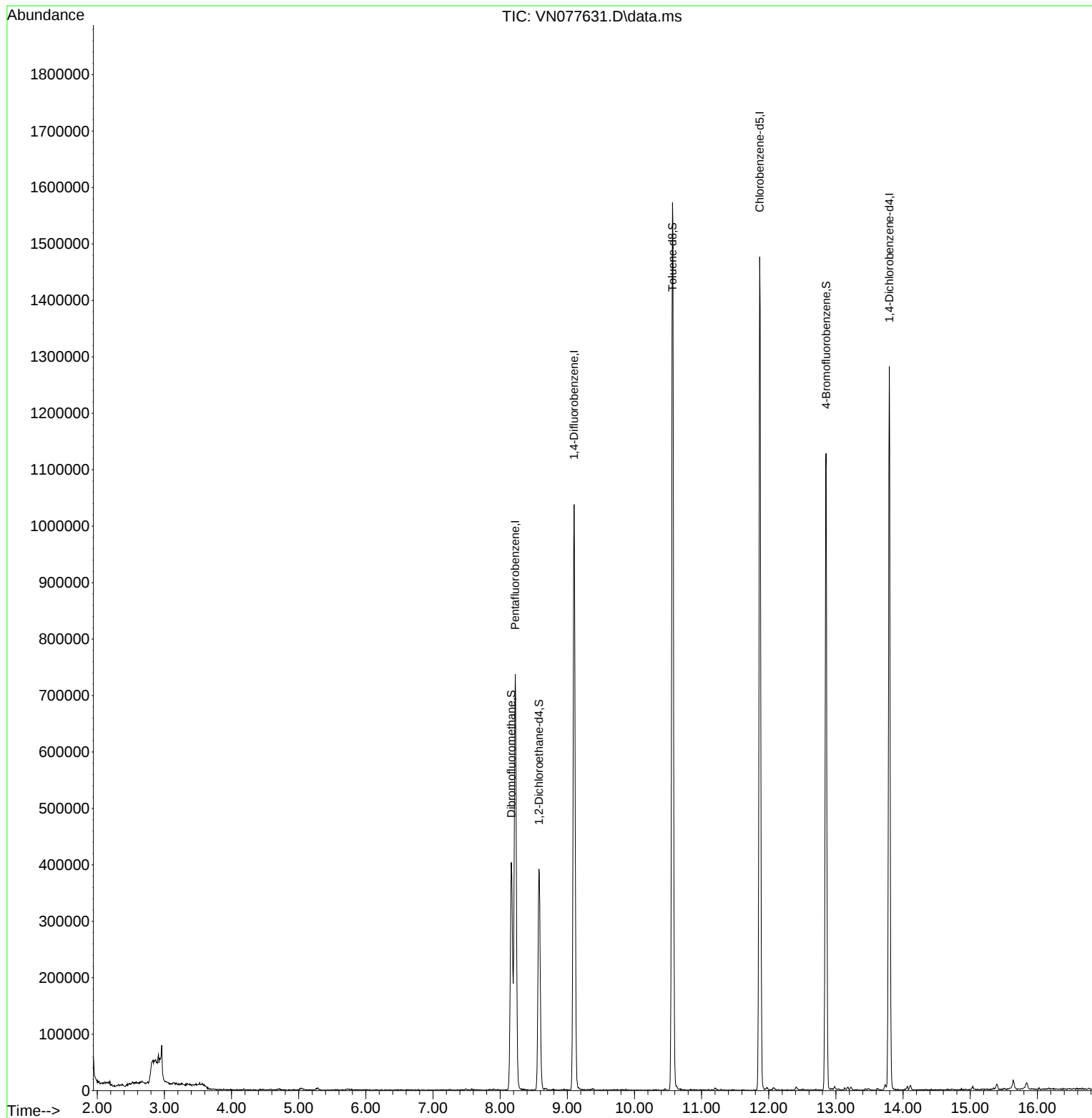
Target Compounds	Qvalue

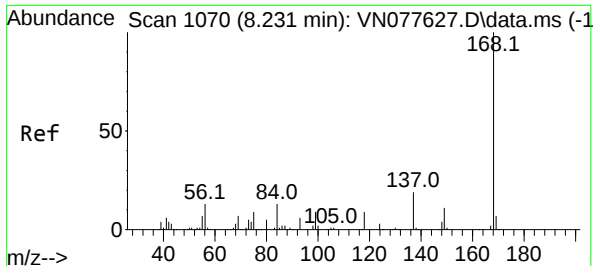
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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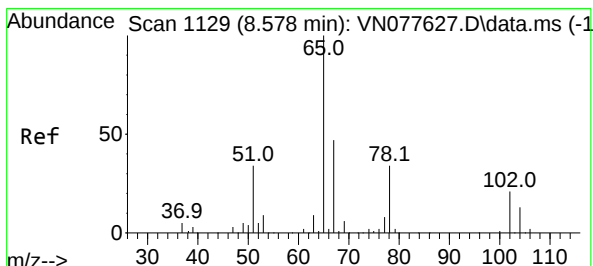
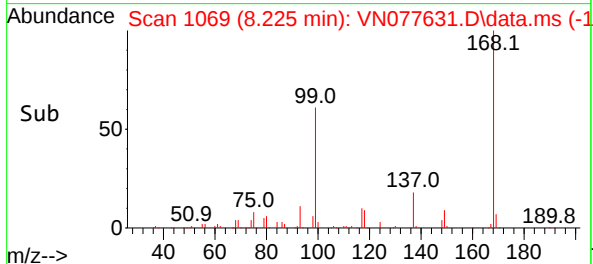
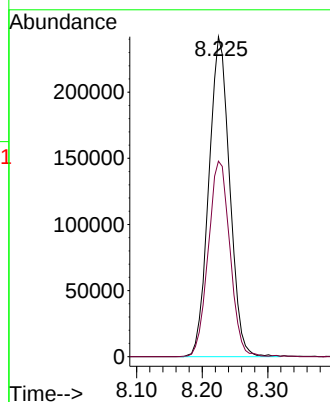
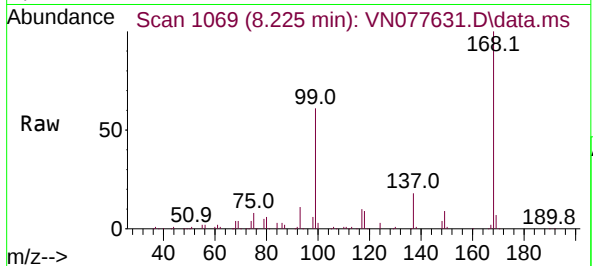




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.225 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VN077631.D
Acq: 09 May 2023 14:44

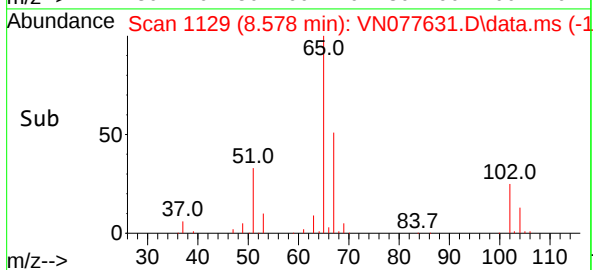
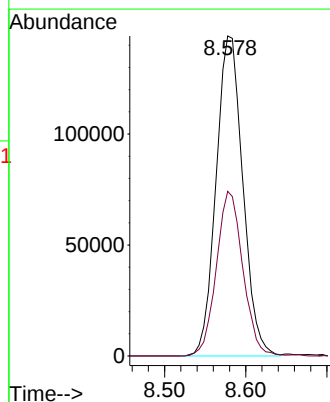
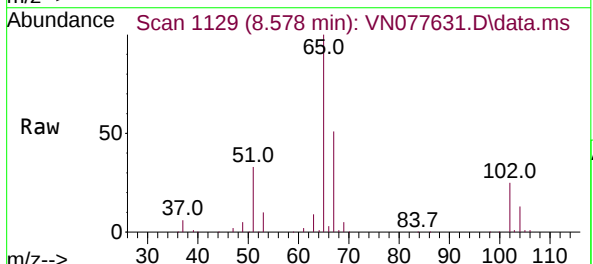
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBL01

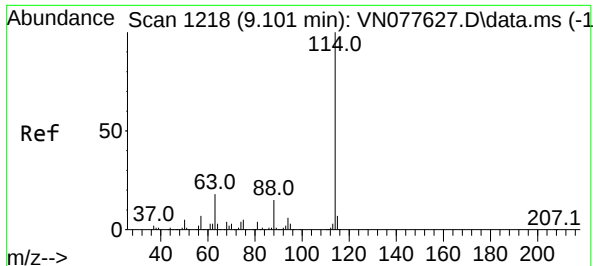
Tgt Ion:168 Resp: 533612
Ion Ratio Lower Upper
168 100
99 61.0 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 48.767 ug/l
RT: 8.578 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN077631.D
Acq: 09 May 2023 14:44

Tgt Ion: 65 Resp: 330026
Ion Ratio Lower Upper
65 100
67 50.9 0.0 106.6

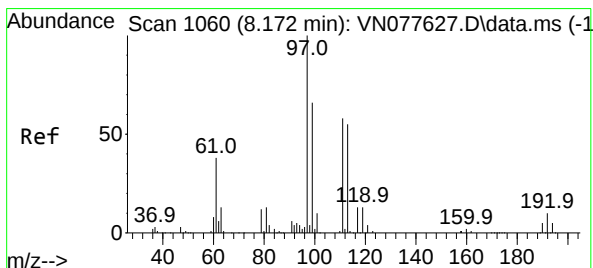
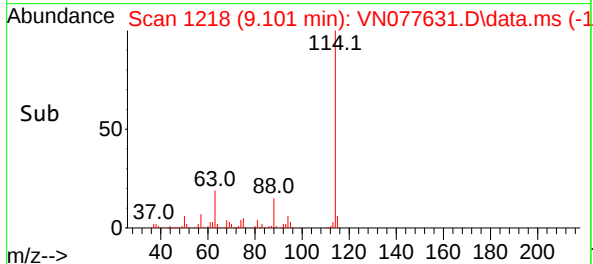
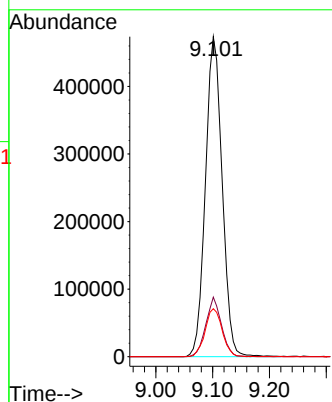
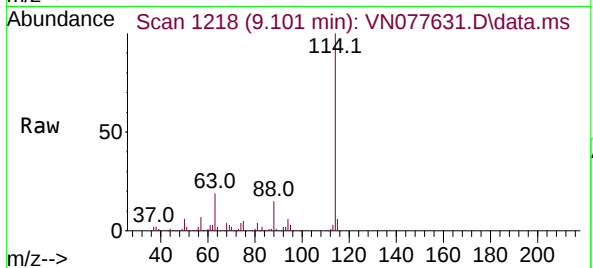




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.101 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077631.D
Acq: 09 May 2023 14:44

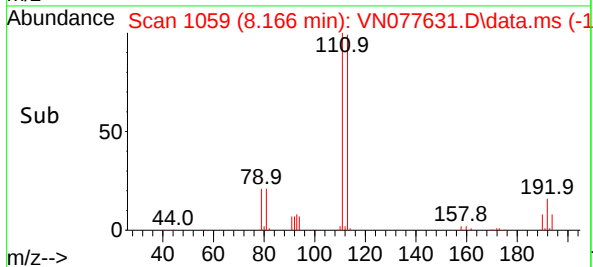
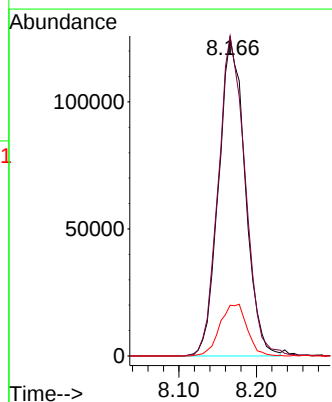
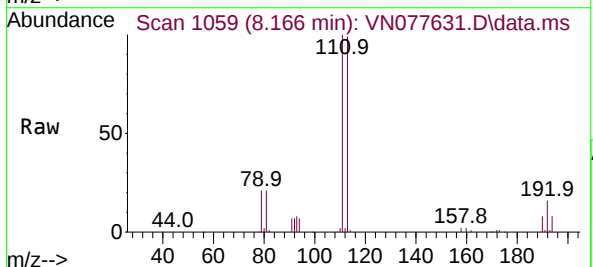
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBL01

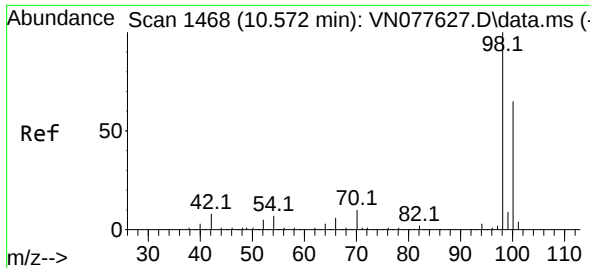
Tgt Ion:114 Resp: 965864
Ion Ratio Lower Upper
114 100
63 18.6 0.0 36.4
88 15.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.388 ug/l
RT: 8.166 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VN077631.D
Acq: 09 May 2023 14:44

Tgt Ion:113 Resp: 297507
Ion Ratio Lower Upper
113 100
111 102.2 82.6 123.8
192 16.8 12.7 19.1

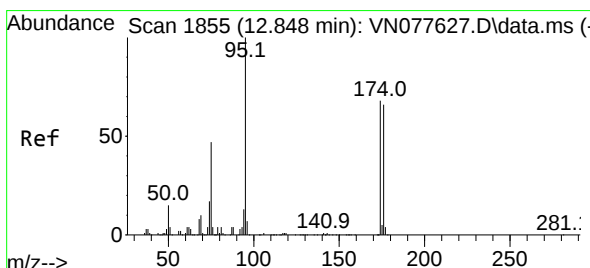
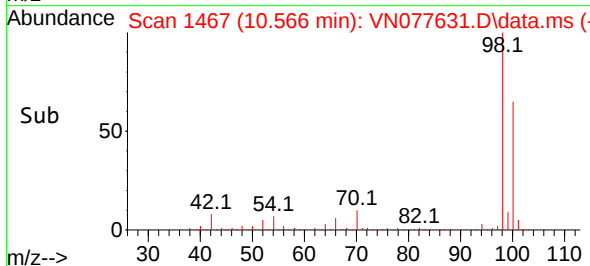
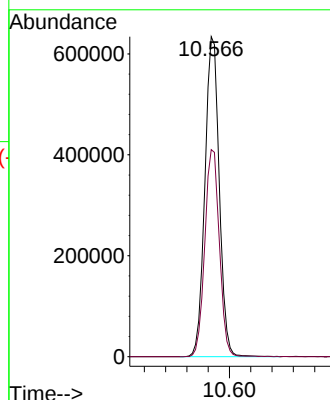
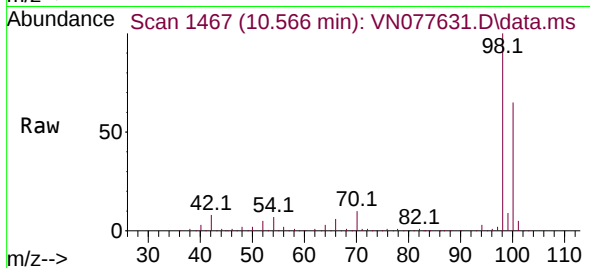




#50
Toluene-d8
Concen: 51.926 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.006 min
Lab File: VN077631.D
Acq: 09 May 2023 14:44

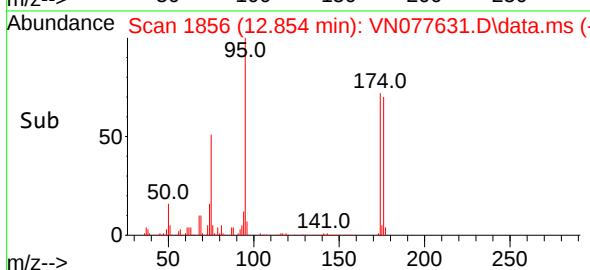
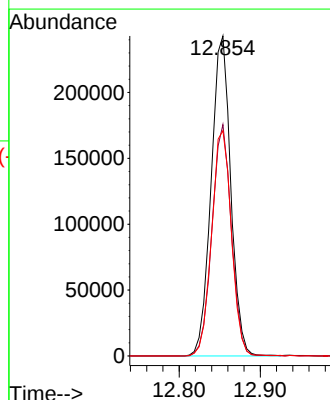
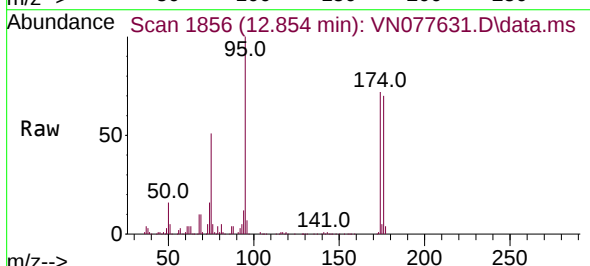
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBL01

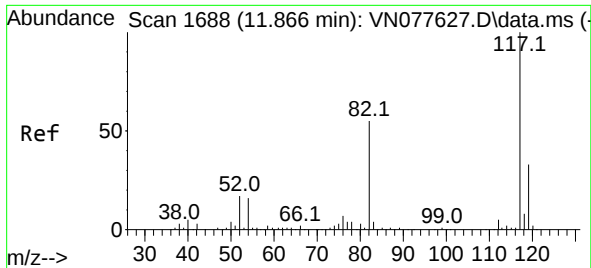
Tgt Ion: 98 Resp: 1184262
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.816 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077631.D
Acq: 09 May 2023 14:44

Tgt Ion: 95 Resp: 407407
Ion Ratio Lower Upper
95 100
174 71.4 0.0 143.8
176 70.9 0.0 135.8

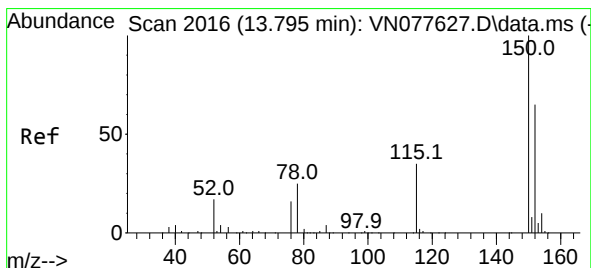
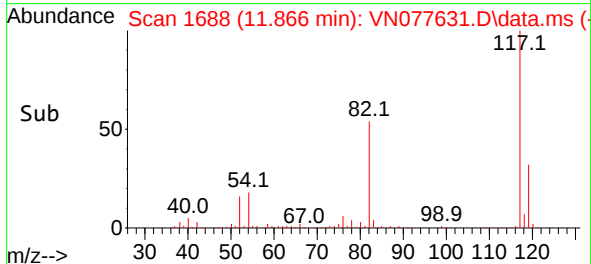
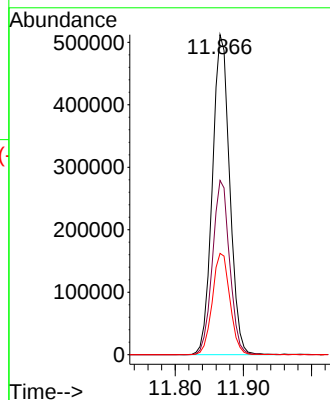
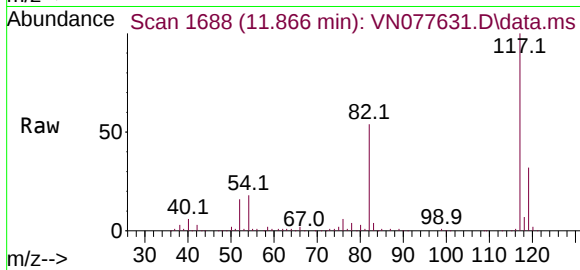




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077631.D
Acq: 09 May 2023 14:44

Instrument :
MSVOA_N
ClientSampleId :
VN0509WBL01

Tgt Ion:117 Resp: 904535
Ion Ratio Lower Upper
117 100
82 54.4 44.0 66.0
119 31.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077631.D
Acq: 09 May 2023 14:44

Tgt Ion:152 Resp: 339814
Ion Ratio Lower Upper
152 100
115 65.2 32.3 96.8
150 162.4 0.0 355.8

