

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031723\
 Data File : VN077043.D
 Acq On : 17 Mar 2023 19:23
 Operator : JC\MD
 Sample : 01941-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB04-20230313

Quant Time: Mar 18 02:33:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 18 02:17:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	423912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	792998	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	677908	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	252238	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	334473	49.396	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.800%
35) Dibromofluoromethane	8.172	113	251439	45.276	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.560%
50) Toluene-d8	10.572	98	950126	47.895	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.780%
62) 4-Bromofluorobenzene	12.854	95	306409	43.711	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.420%

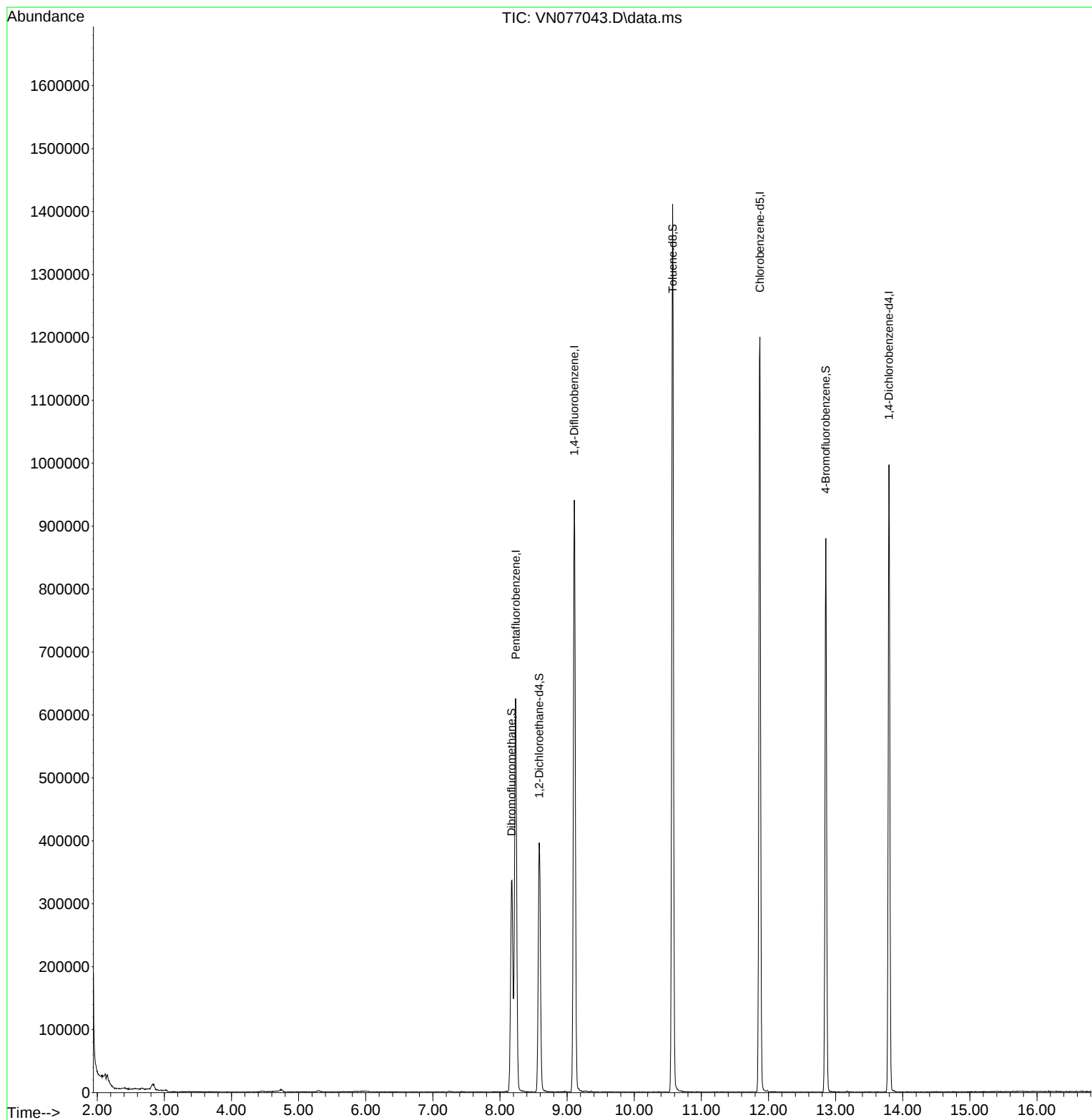
Target Compounds	Qvalue

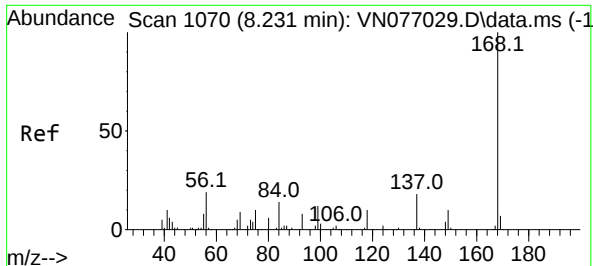
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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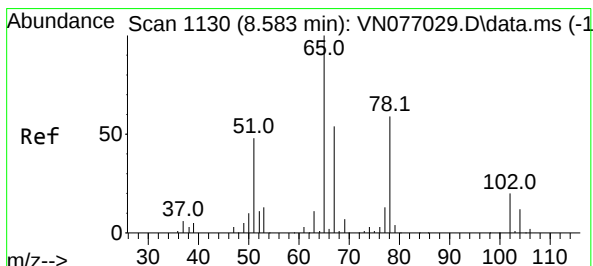
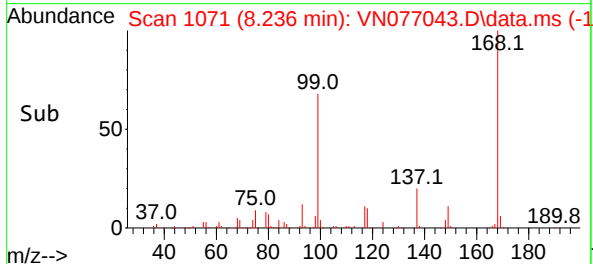
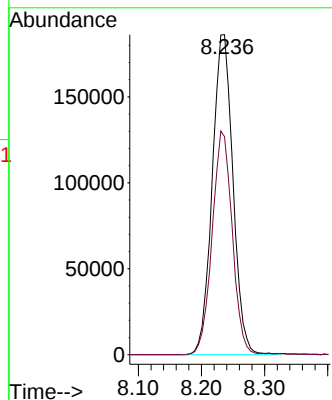
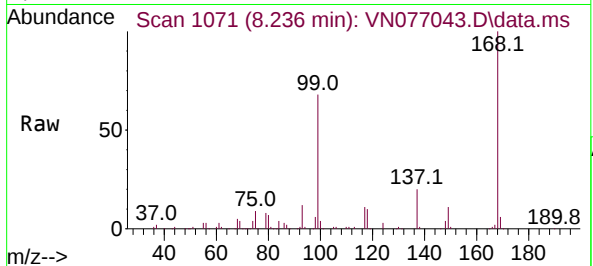




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1070
Delta R.T. 0.005 min
Lab File: VN077043.D
Acq: 17 Mar 2023 19:23

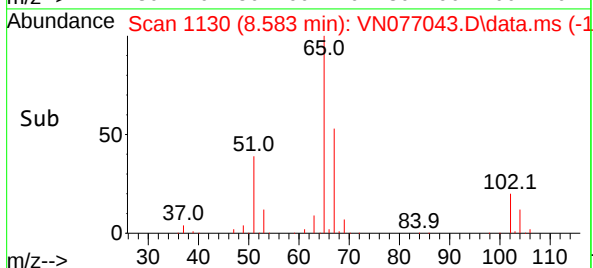
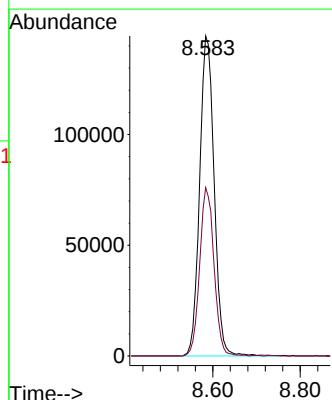
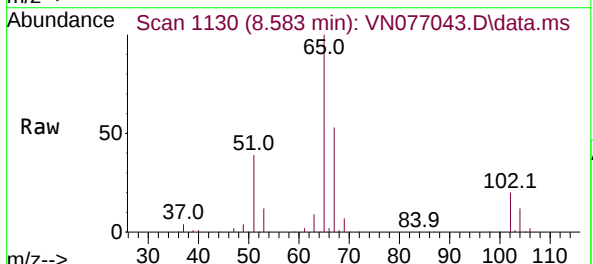
Instrument :
MSVOA_N
ClientSampleId :
TB04-20230313

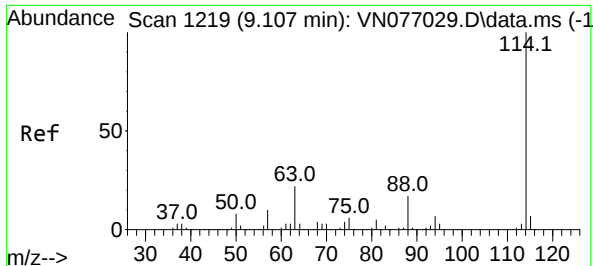
Tgt Ion:168 Resp: 423912
Ion Ratio Lower Upper
168 100
99 68.1 53.9 80.9



#33
1,2-Dichloroethane-d4
Concen: 49.396 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077043.D
Acq: 17 Mar 2023 19:23

Tgt Ion: 65 Resp: 334473
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.2

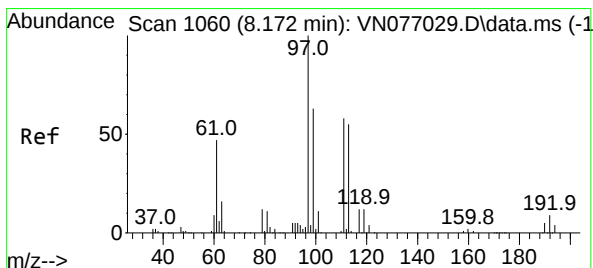
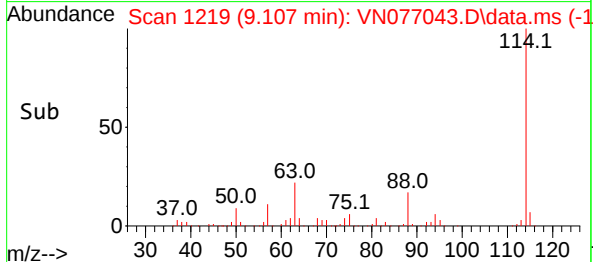
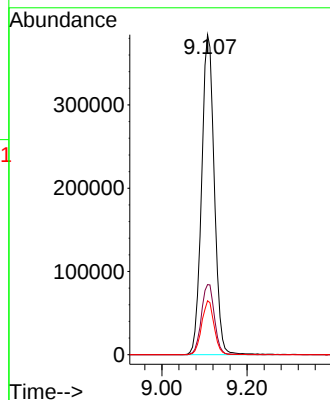
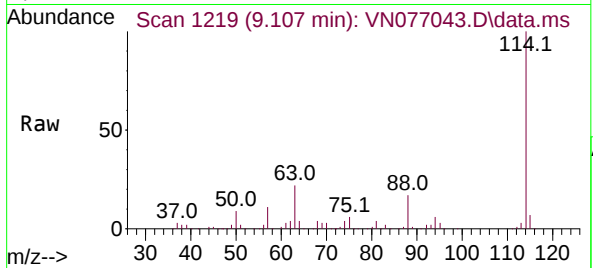




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077043.D
Acq: 17 Mar 2023 19:23

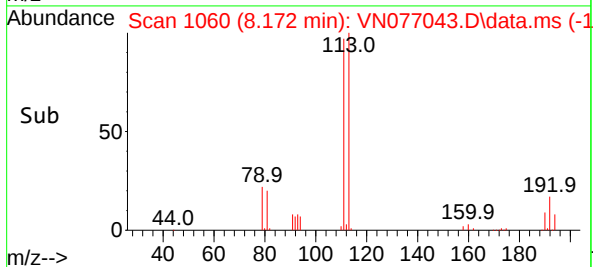
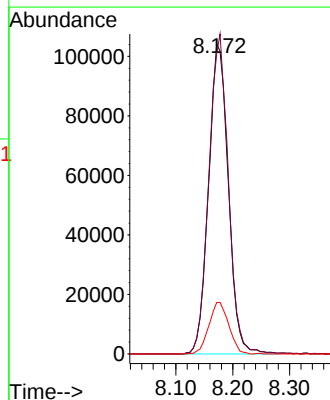
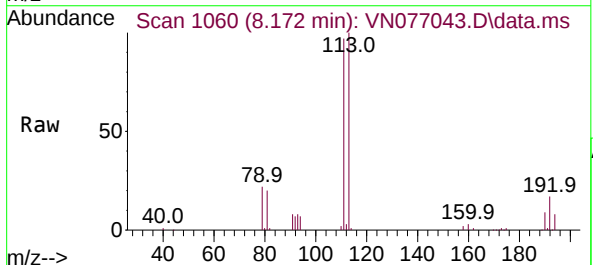
Instrument :
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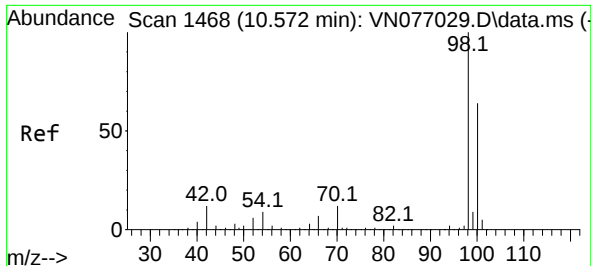
Tgt Ion:114 Resp: 792998
Ion Ratio Lower Upper
114 100
63 21.9 0.0 44.6
88 16.9 0.0 33.8



#35
Dibromofluoromethane
Concen: 45.276 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077043.D
Acq: 17 Mar 2023 19:23

Tgt Ion:113 Resp: 251439
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.2
192 16.7 13.0 19.6

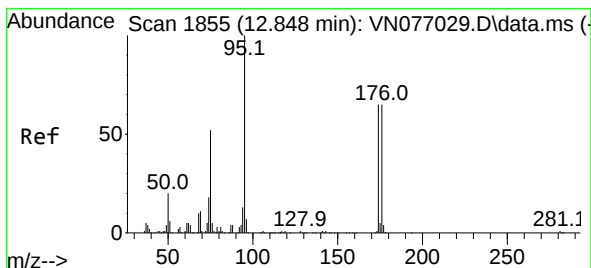
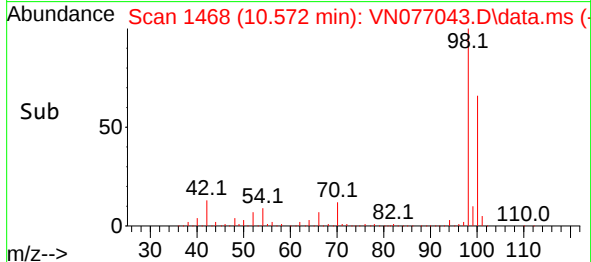
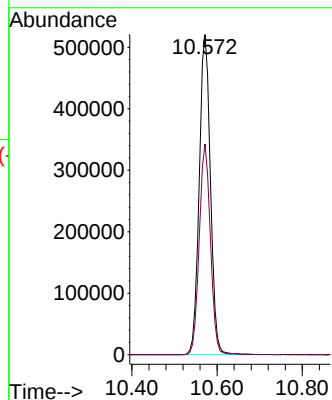
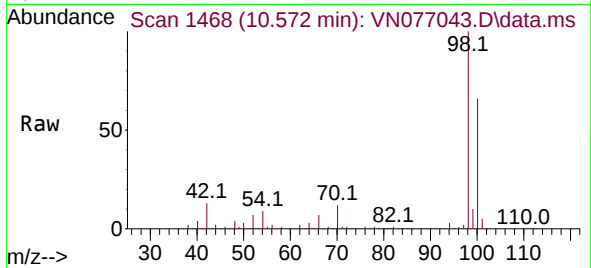




#50
Toluene-d8
Concen: 47.895 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077043.D
Acq: 17 Mar 2023 19:23

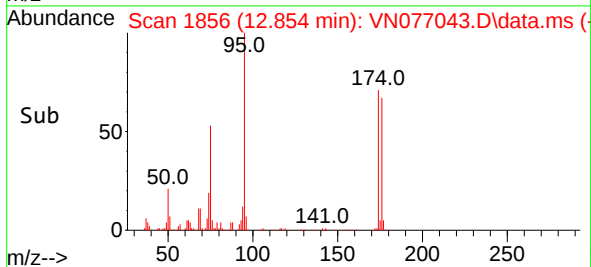
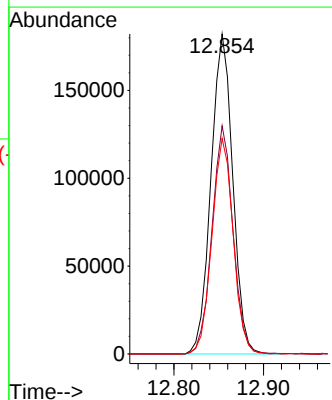
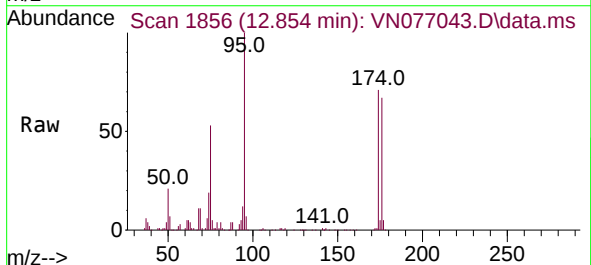
Instrument :
MSVOA_N
ClientSampleId :
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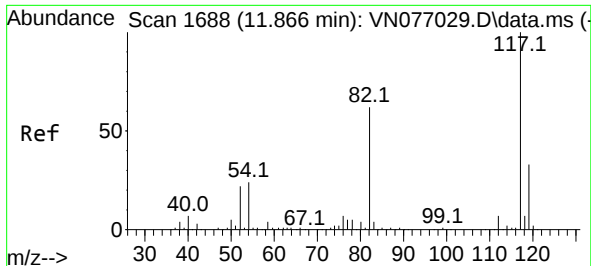
Tgt Ion: 98 Resp: 950126
Ion Ratio Lower Upper
98 100
100 65.5 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 43.711 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077043.D
Acq: 17 Mar 2023 19:23

Tgt Ion: 95 Resp: 306409
Ion Ratio Lower Upper
95 100
174 69.0 0.0 136.6
176 65.8 0.0 130.0

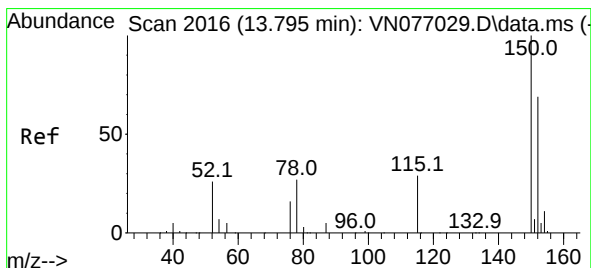
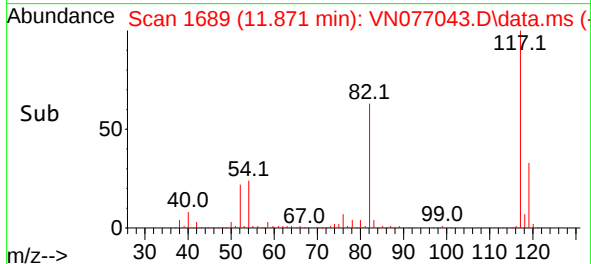
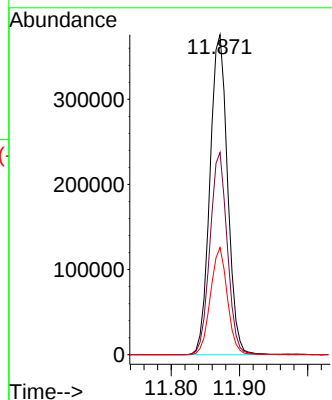
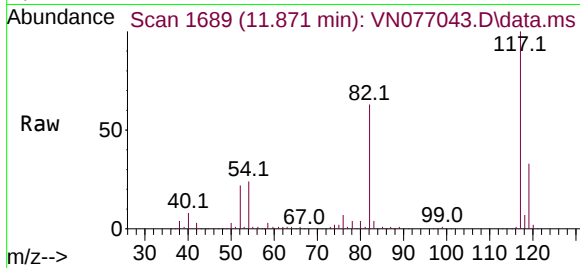




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077043.D
Acq: 17 Mar 2023 19:23

Instrument :
MSVOA_N
ClientSampleId :
TB04-20230313

Tgt Ion:117 Resp: 677908
Ion Ratio Lower Upper
117 100
82 63.2 49.4 74.0
119 33.5 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: VN077043.D
Acq: 17 Mar 2023 19:23

Tgt Ion:152 Resp: 252238
Ion Ratio Lower Upper
152 100
115 64.1 31.9 95.7
150 155.4 0.0 348.0

