

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080223\
 Data File : VD076903.D
 Acq On : 02 Aug 2023 17:37
 Operator : KP/SY
 Sample : 03860-04
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1A

Quant Time: Aug 03 01:25:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	135743	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	277885	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	273529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	119501	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	83677	61.889	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.780%
35) Dibromofluoromethane	7.805	113	92165	52.779	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.560%
50) Toluene-d8	10.269	98	344267	55.109	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.220%
62) 4-Bromofluorobenzene	12.575	95	100510	49.735	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.480%

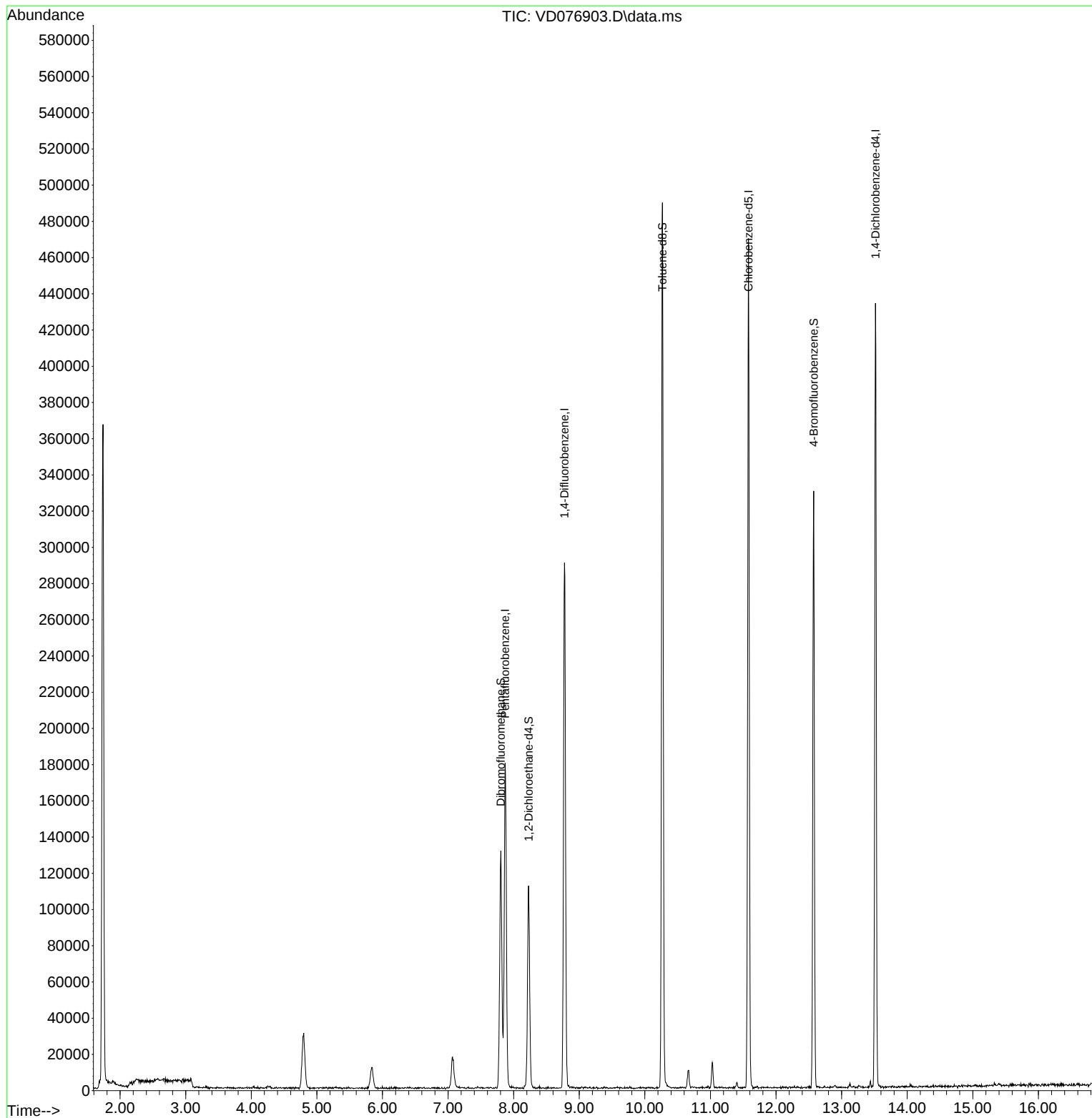
Target Compounds	Qvalue

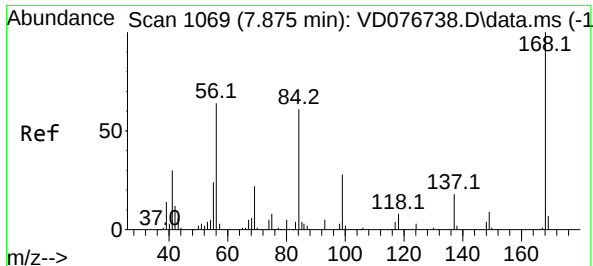
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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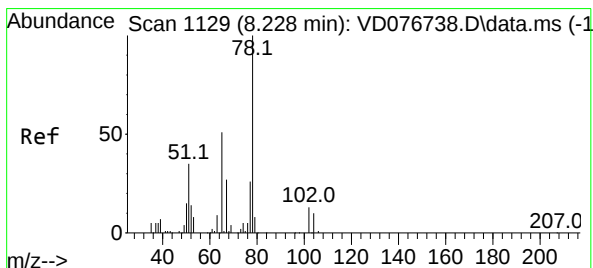
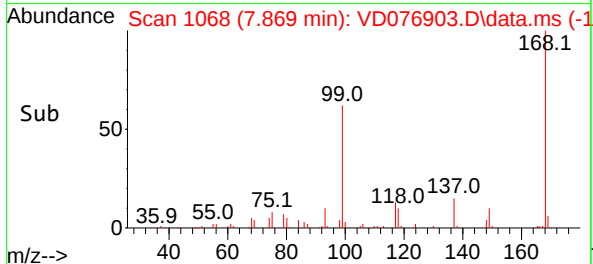
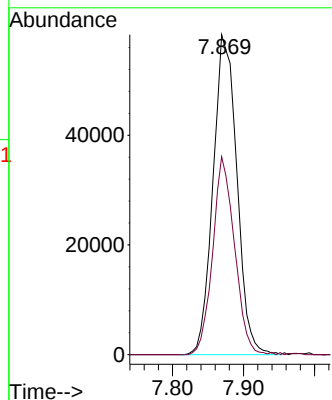
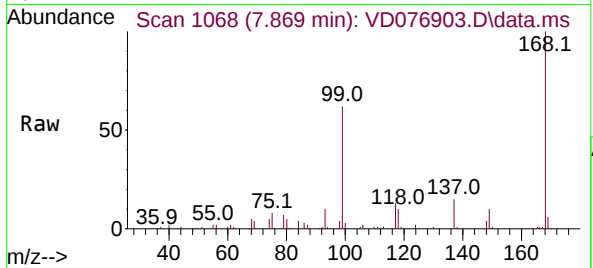




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076903.D
Acq: 02 Aug 2023 17:37

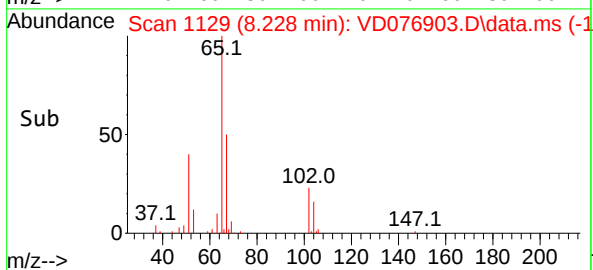
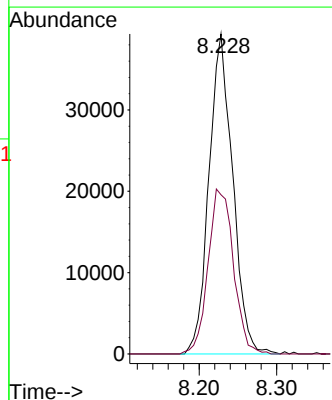
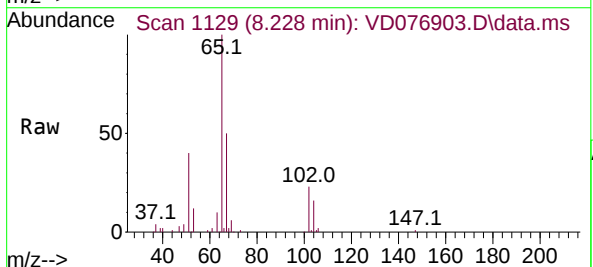
Instrument :
MSVOA_D
ClientSampleId :
SP-1A

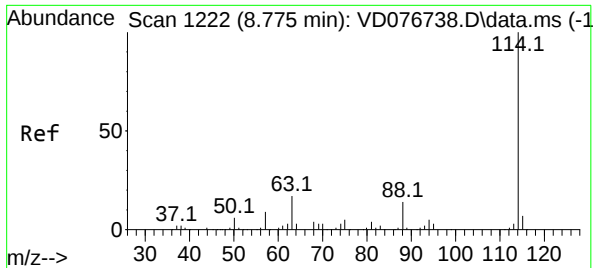
Tgt Ion:168 Resp: 135743
Ion Ratio Lower Upper
168 100
99 61.9 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 61.889 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076903.D
Acq: 02 Aug 2023 17:37

Tgt Ion: 65 Resp: 83677
Ion Ratio Lower Upper
65 100
67 55.1 0.0 115.0

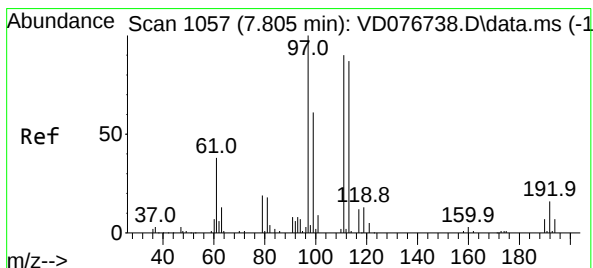
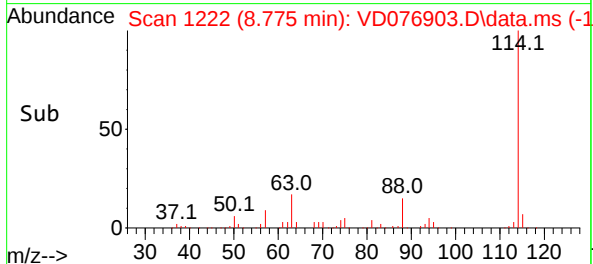
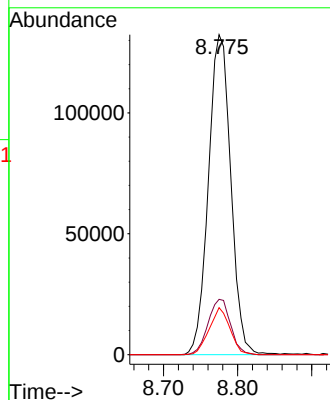
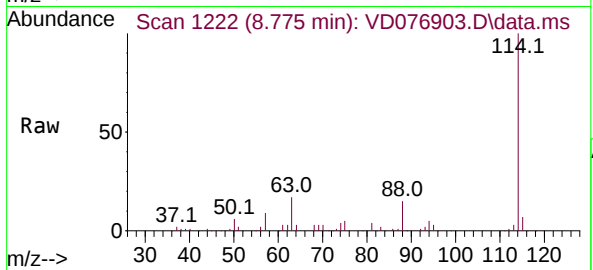




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076903.D
Acq: 02 Aug 2023 17:37

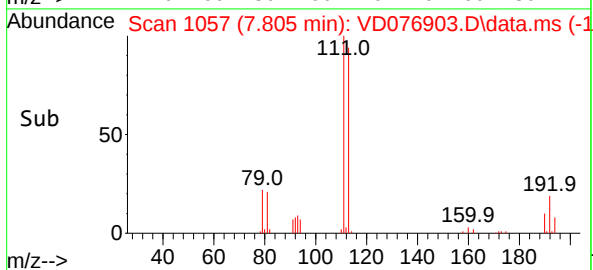
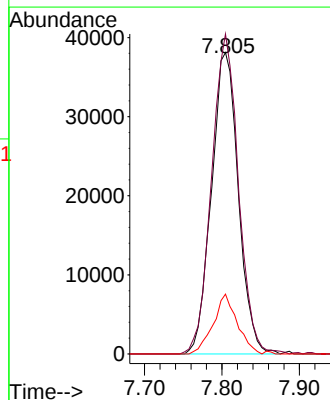
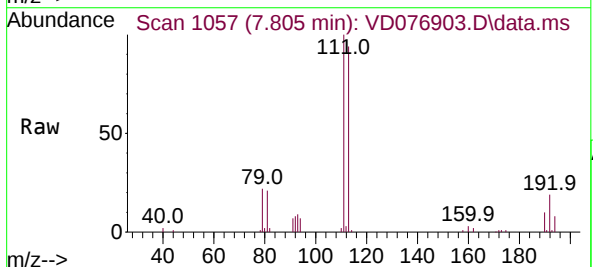
Instrument :
MSVOA_D
ClientSampleId :
SP-1A

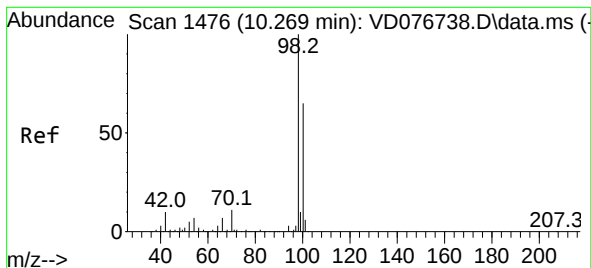
Tgt Ion:114 Resp: 277885
Ion Ratio Lower Upper
114 100
63 17.3 0.0 33.4
88 14.7 0.0 26.2



#35
Dibromofluoromethane
Concen: 52.779 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076903.D
Acq: 02 Aug 2023 17:37

Tgt Ion:113 Resp: 92165
Ion Ratio Lower Upper
113 100
111 105.8 84.7 127.1
192 17.7 16.8 25.2

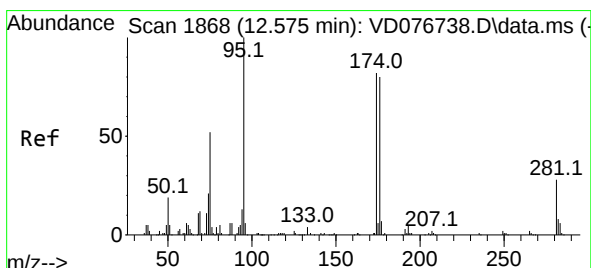
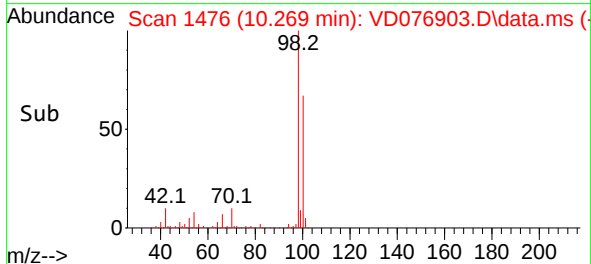
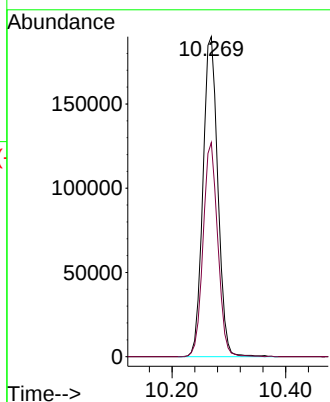
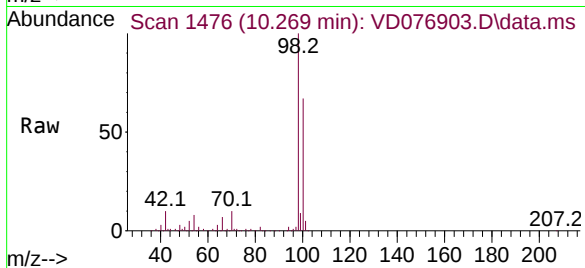




#50
Toluene-d8
Concen: 55.109 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076903.D
Acq: 02 Aug 2023 17:37

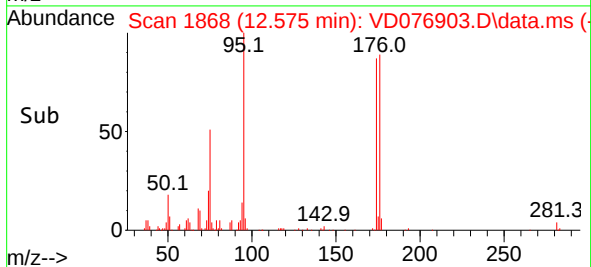
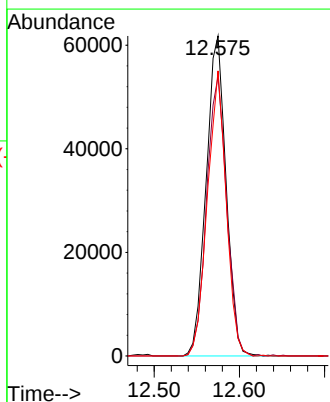
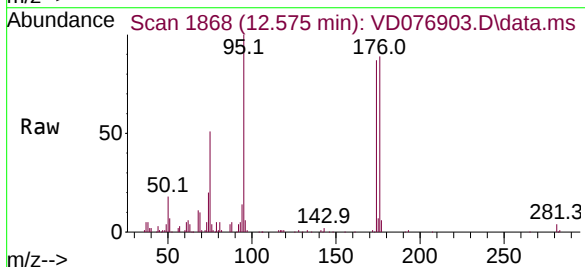
Instrument :
MSVOA_D
ClientSampleId :
SP-1A

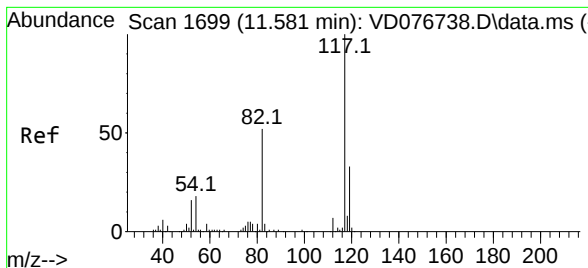
Tgt Ion: 98 Resp: 344267
Ion Ratio Lower Upper
98 100
100 65.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 49.735 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076903.D
Acq: 02 Aug 2023 17:37

Tgt Ion: 95 Resp: 100510
Ion Ratio Lower Upper
95 100
174 88.0 0.0 201.8
176 83.9 0.0 191.8

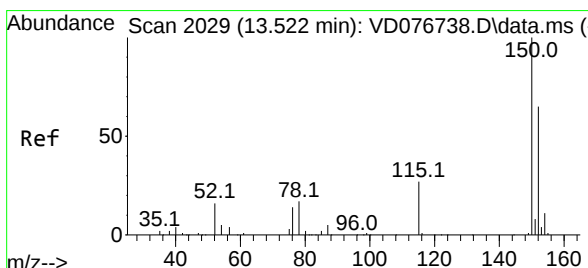
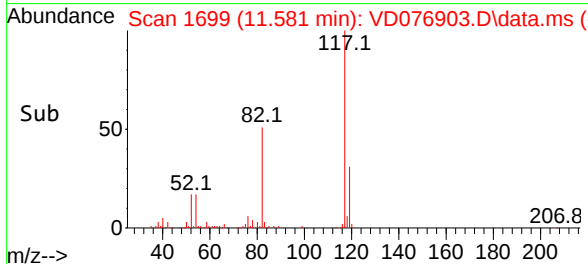
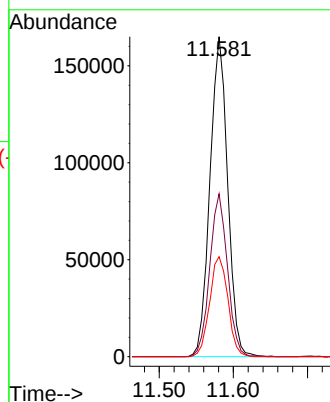
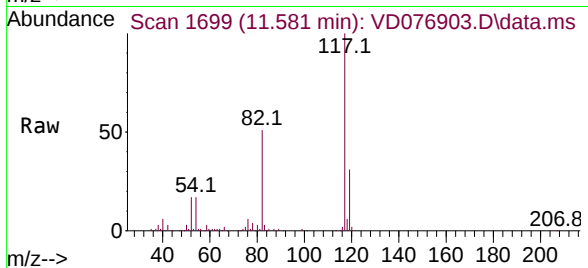




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076903.D
Acq: 02 Aug 2023 17:37

Instrument :
MSVOA_D
ClientSampleId :
SP-1A

Tgt Ion:117 Resp: 273529
Ion Ratio Lower Upper
117 100
82 50.9 38.3 57.5
119 31.2 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076903.D
Acq: 02 Aug 2023 17:37

Tgt Ion:152 Resp: 119501
Ion Ratio Lower Upper
152 100
115 56.6 27.1 81.3
150 153.4 0.0 353.6

