

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121323\
 Data File : VD077859.D
 Acq On : 13 Dec 2023 13:50
 Operator : RP/MD
 Sample : 05737-01RE
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-12082023RE

Quant Time: Dec 13 13:55:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 08 13:33:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	48719	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	88910	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	91142	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	42096	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	35900	62.535	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.060%
35) Dibromofluoromethane	7.810	113	30767	49.402	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.800%
50) Toluene-d8	10.275	98	114267	45.811	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.620%
62) 4-Bromofluorobenzene	12.575	95	35343	47.393	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.780%

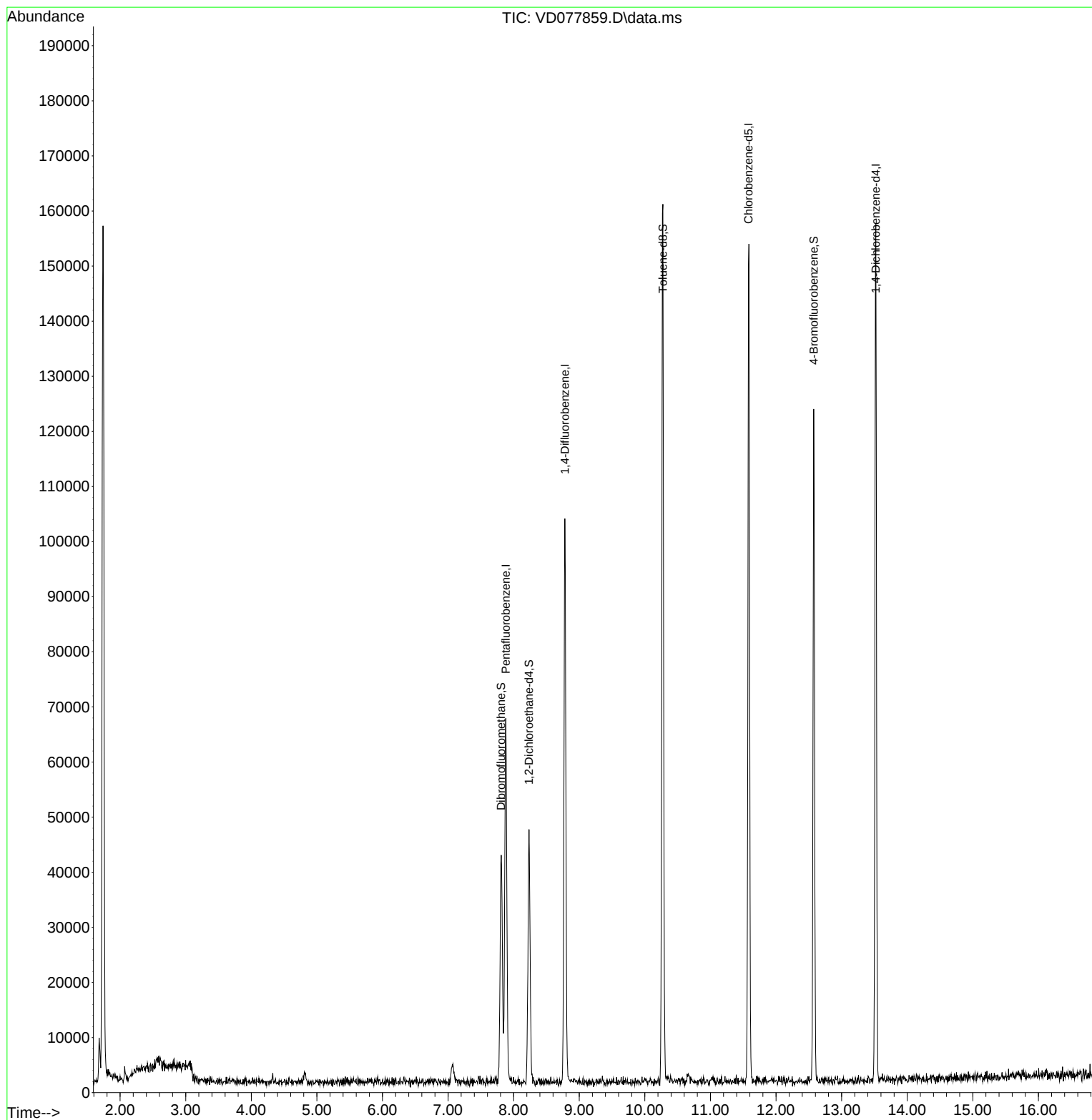
Target Compounds	Qvalue

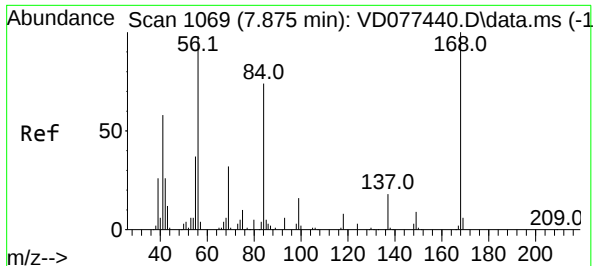
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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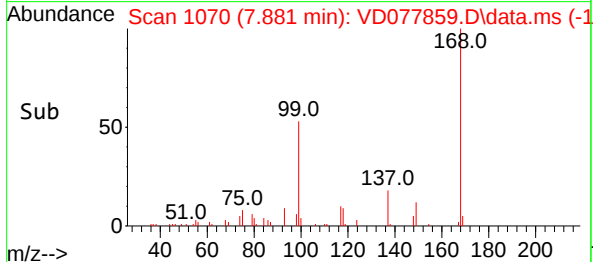
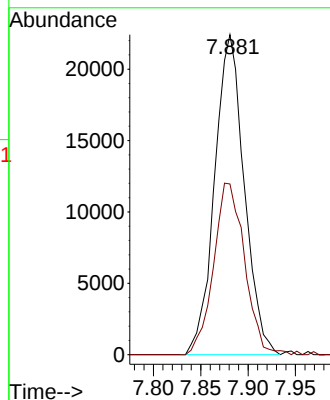
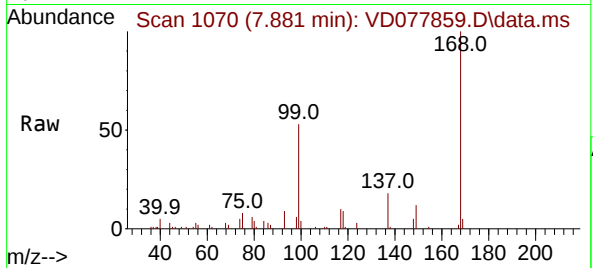




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VD077859.D
Acq: 13 Dec 2023 13:50

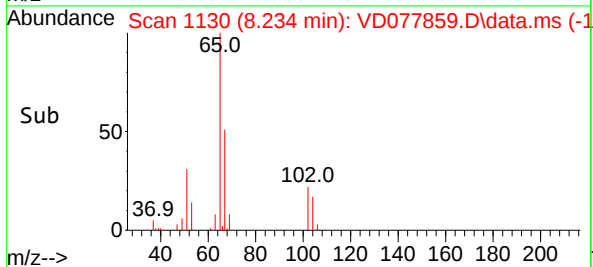
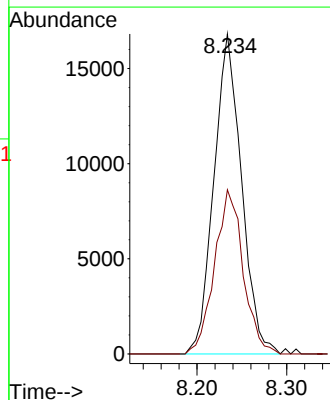
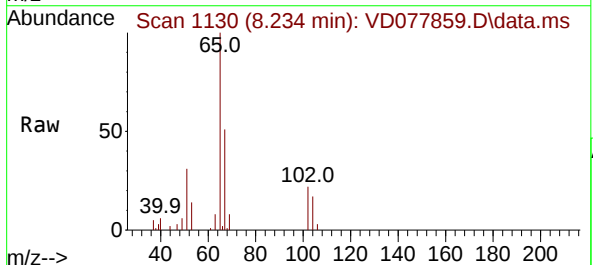
Instrument :
MSVOA_D
ClientSampleId :
SU-02-12082023RE

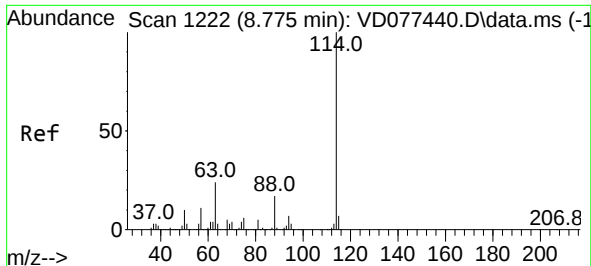
Tgt Ion:168 Resp: 48719
Ion Ratio Lower Upper
168 100
99 53.4 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 62.535 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077859.D
Acq: 13 Dec 2023 13:50

Tgt Ion: 65 Resp: 35900
Ion Ratio Lower Upper
65 100
67 53.2 0.0 115.0

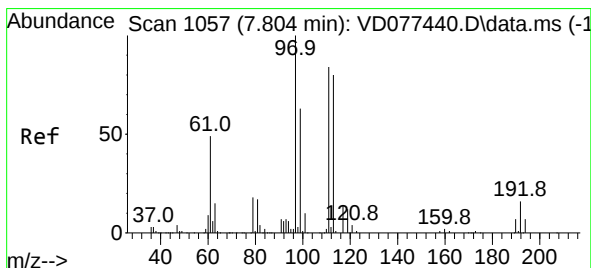
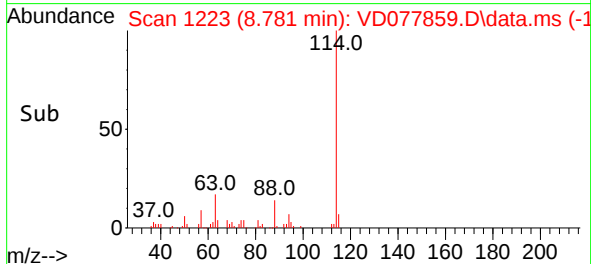
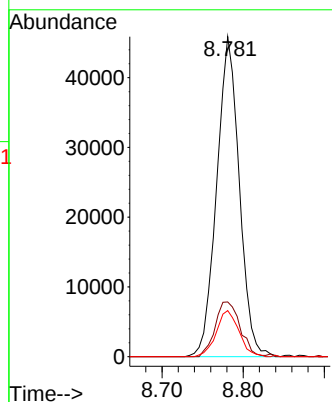
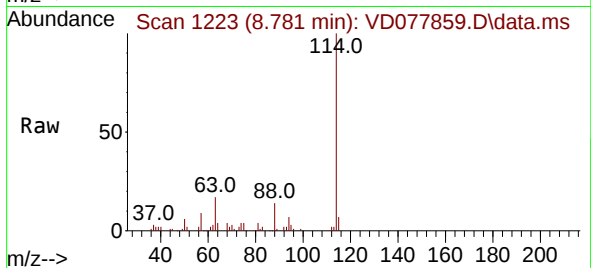




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077859.D
Acq: 13 Dec 2023 13:50

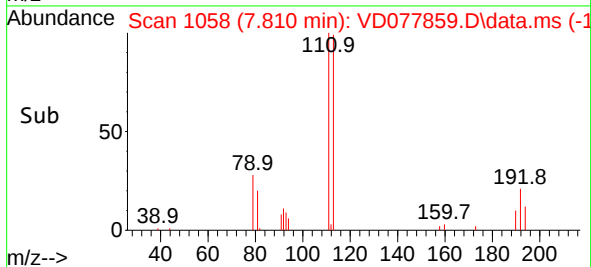
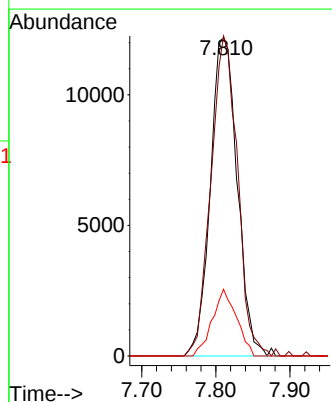
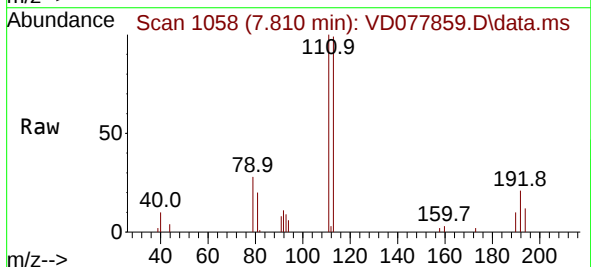
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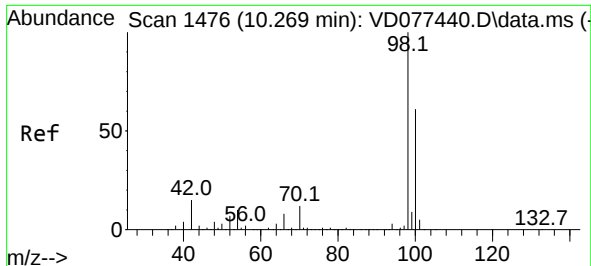
Tgt Ion:	114	Resp:	88910
Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	33.4
88	14.4	0.0	26.2



#35
Dibromofluoromethane
Concen: 49.402 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD077859.D
Acq: 13 Dec 2023 13:50

Tgt Ion:	113	Resp:	30767
Ion	Ratio	Lower	Upper
113	100		
111	99.0	84.7	127.1
192	18.8	16.8	25.2

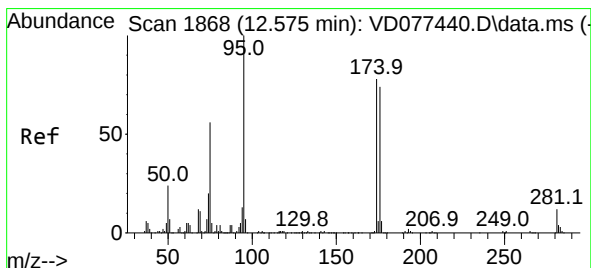
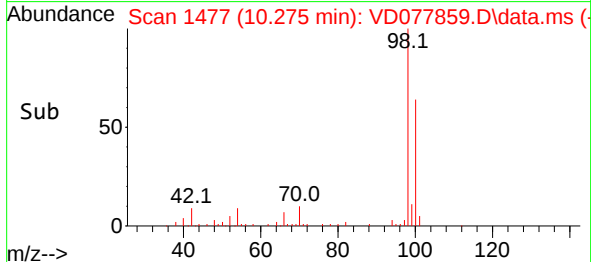
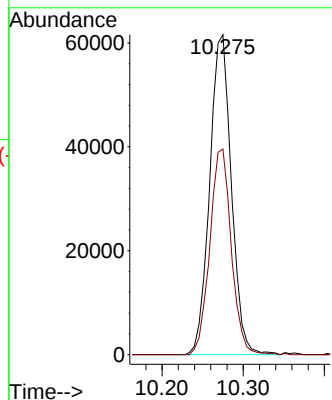
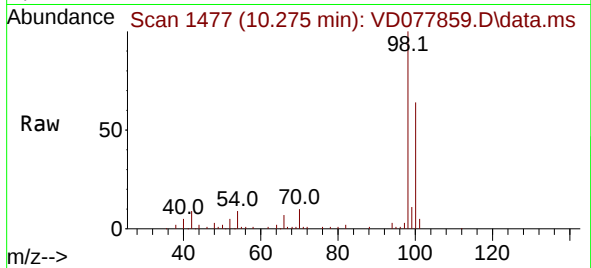




#50
Toluene-d8
Concen: 45.811 ug/l
RT: 10.275 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD077859.D
Acq: 13 Dec 2023 13:50

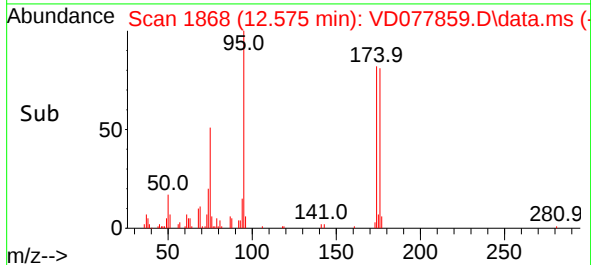
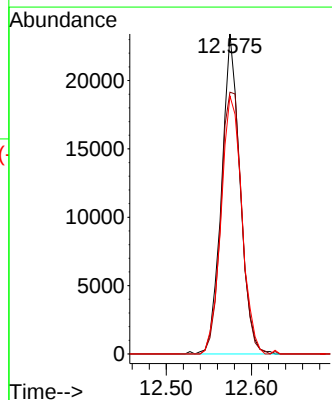
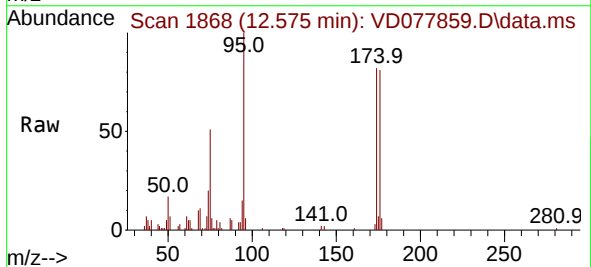
Instrument :
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SU-02-12082023RE

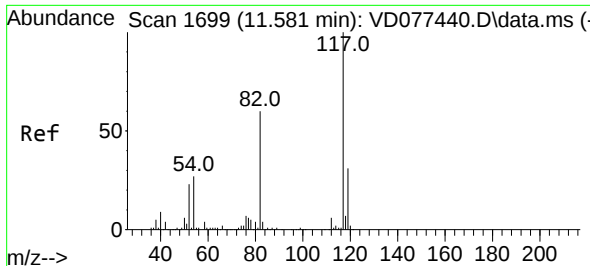
Tgt Ion: 98 Resp: 114267
Ion Ratio Lower Upper
98 100
100 63.6 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 47.393 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077859.D
Acq: 13 Dec 2023 13:50

Tgt Ion: 95 Resp: 35343
Ion Ratio Lower Upper
95 100
174 92.4 0.0 201.8
176 90.3 0.0 191.8

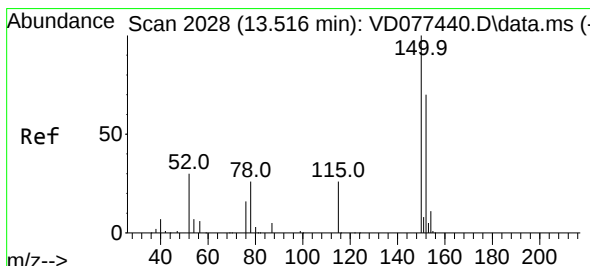
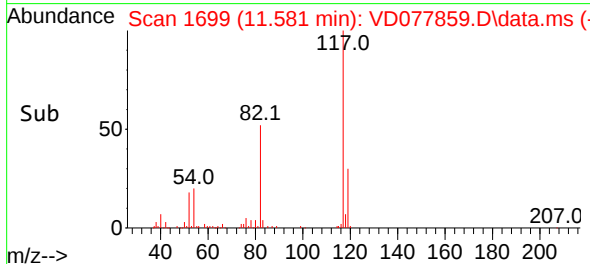
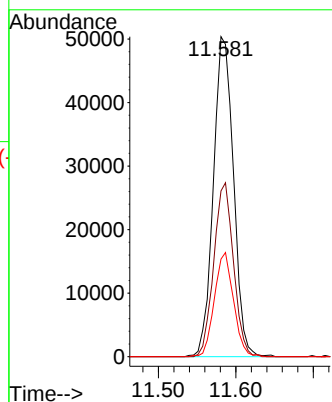
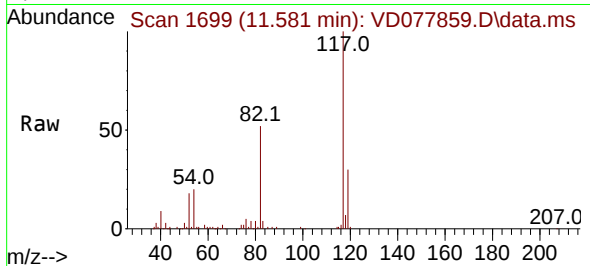




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD077859.D
Acq: 13 Dec 2023 13:50

Instrument :
MSVOA_D
ClientSampleId :
SU-02-12082023RE

Tgt Ion:117	Resp:	91142
Ion Ratio	Lower	Upper
117	100	
82	51.8	38.3 57.5
119	30.5	25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077859.D
Acq: 13 Dec 2023 13:50

Tgt Ion:152	Resp:	42096
Ion Ratio	Lower	Upper
152	100	
115	56.7	27.1 81.3
150	157.1	0.0 353.6

