

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011624\
 Data File : VD078169.D
 Acq On : 16 Jan 2024 15:45
 Operator : RP/MD
 Sample : VD0116SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0116SBL01

Quant Time: Jan 17 04:20:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010824S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 09 01:29:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	82489	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	151340	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	133604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	56747	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	48386	55.717	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.440%
35) Dibromofluoromethane	7.816	113	53290	48.858	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.720%
50) Toluene-d8	10.275	98	176052	48.129	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.260%
62) 4-Bromofluorobenzene	12.575	95	51075	40.111	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.220%

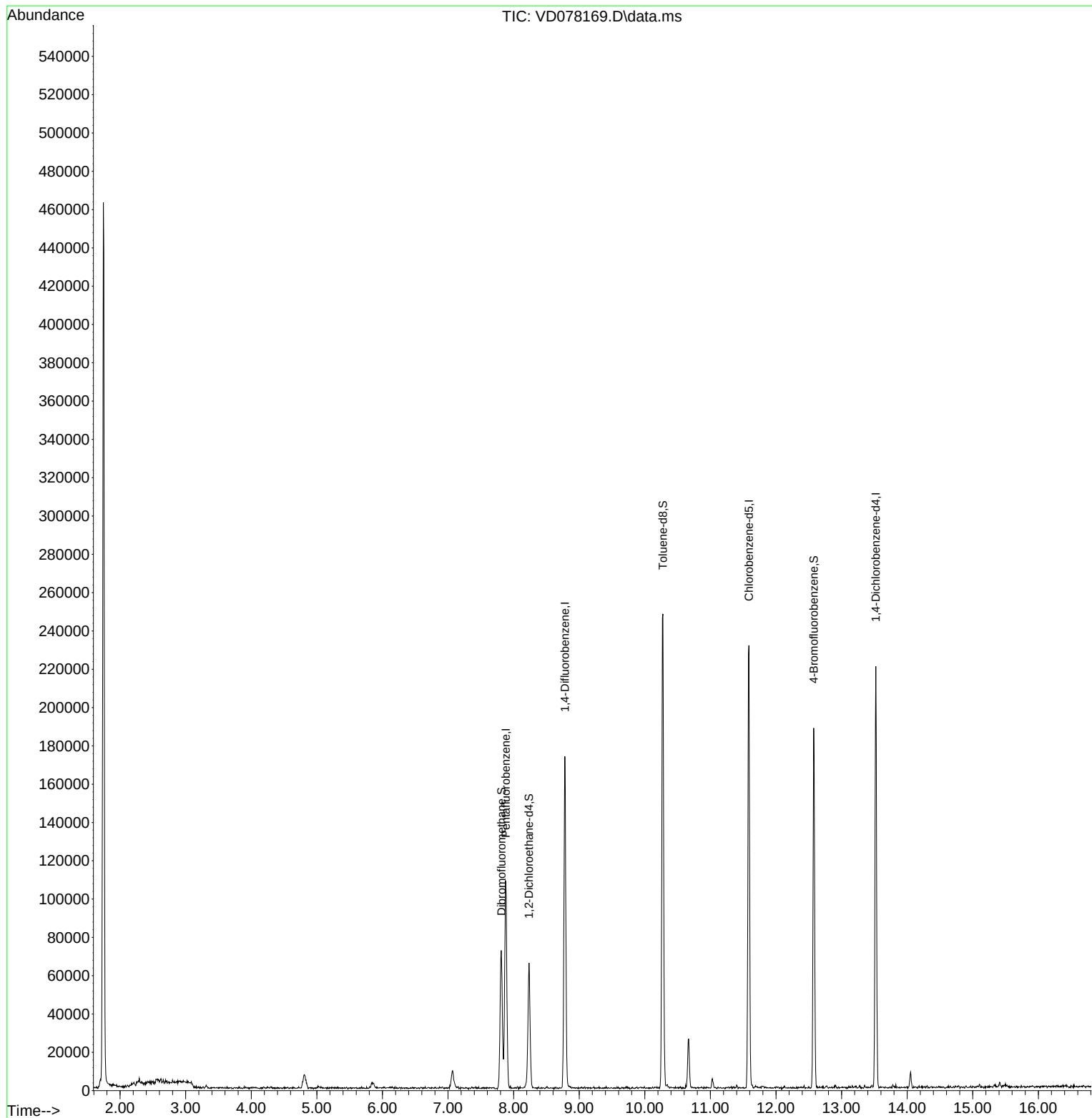
Target Compounds	Qvalue

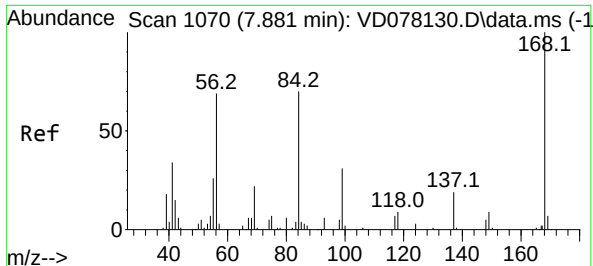
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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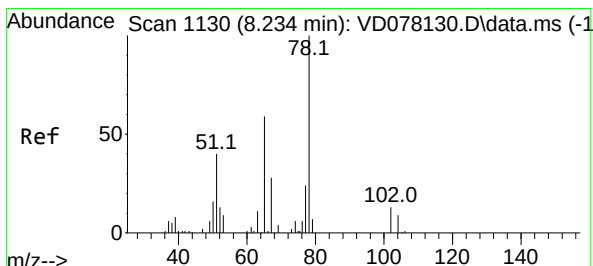
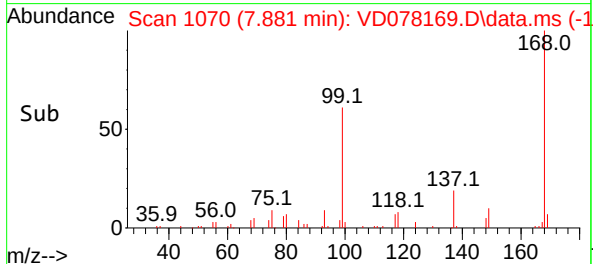
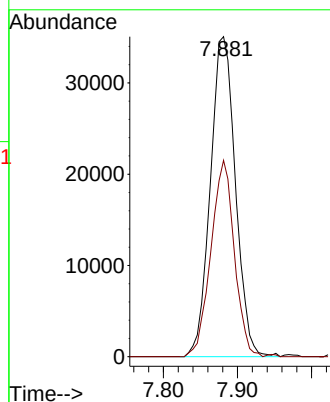
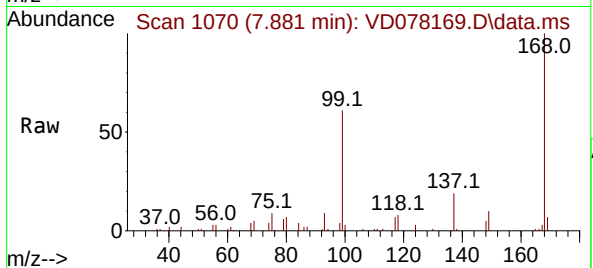




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078169.D
Acq: 16 Jan 2024 15:45

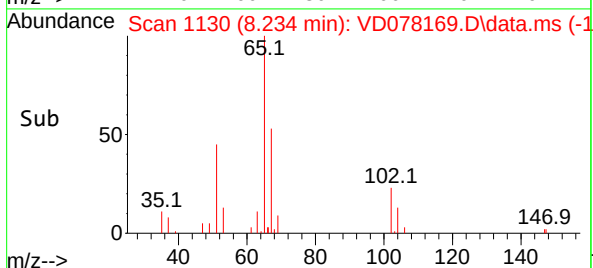
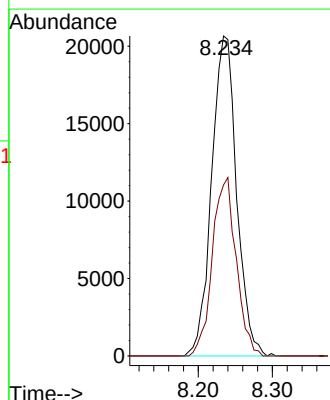
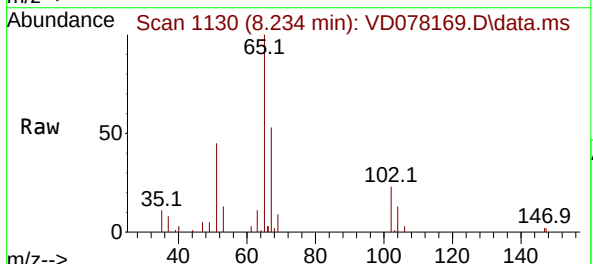
Instrument :
MSVOA_D
ClientSampleId :
VD0116SBL01

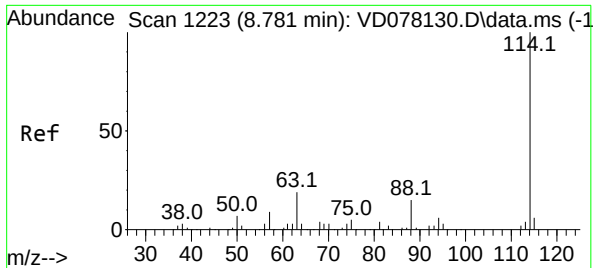
Tgt Ion:168 Resp: 82489
Ion Ratio Lower Upper
168 100
99 61.4 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 55.717 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078169.D
Acq: 16 Jan 2024 15:45

Tgt Ion: 65 Resp: 48386
Ion Ratio Lower Upper
65 100
67 53.2 0.0 115.0

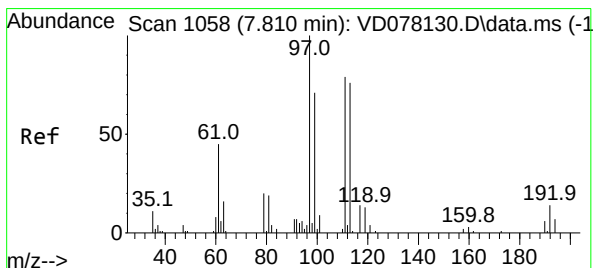
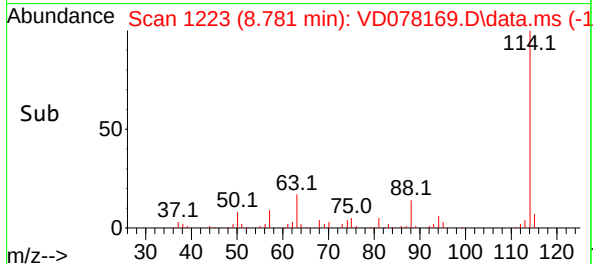
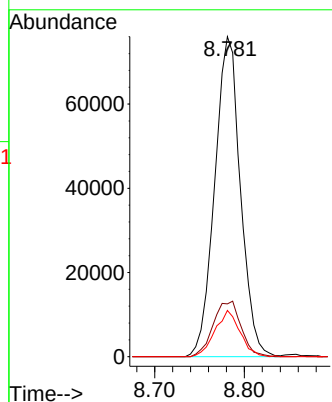
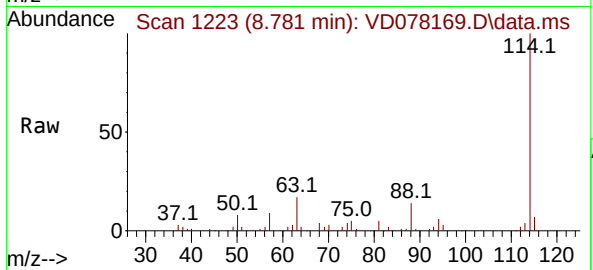




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078169.D
Acq: 16 Jan 2024 15:45

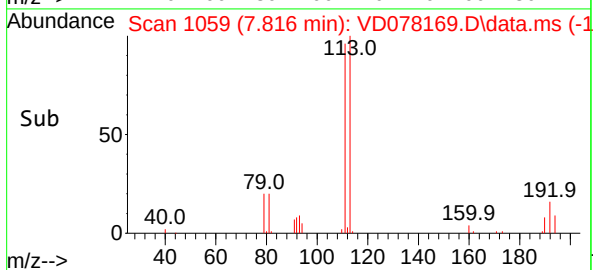
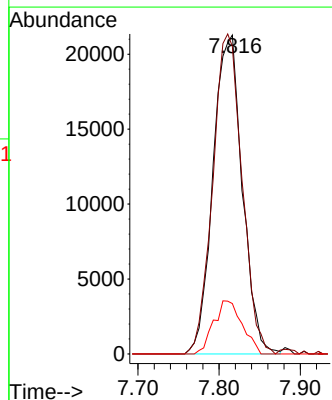
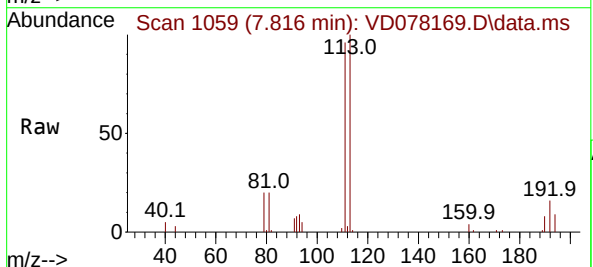
Instrument :
MSVOA_D
ClientSampleId :
VD0116SBL01

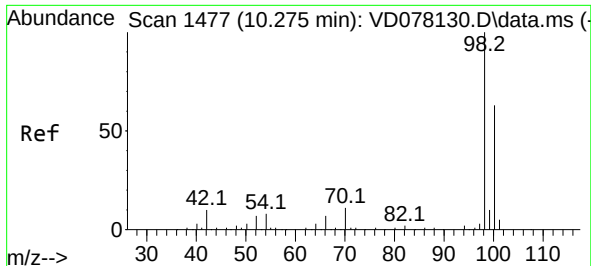
Tgt Ion:114 Resp: 151340
Ion Ratio Lower Upper
114 100
63 16.5 0.0 33.4
88 14.5 0.0 26.2



#35
Dibromofluoromethane
Concen: 48.858 ug/l
RT: 7.816 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VD078169.D
Acq: 16 Jan 2024 15:45

Tgt Ion:113 Resp: 53290
Ion Ratio Lower Upper
113 100
111 100.2 84.7 127.1
192 16.2 16.8 25.2#

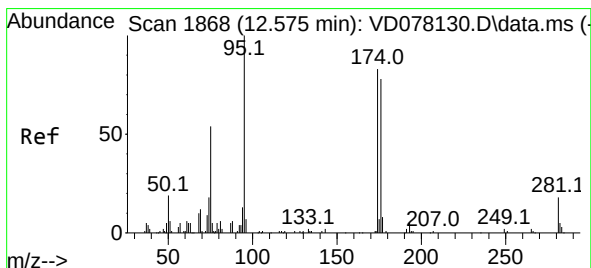
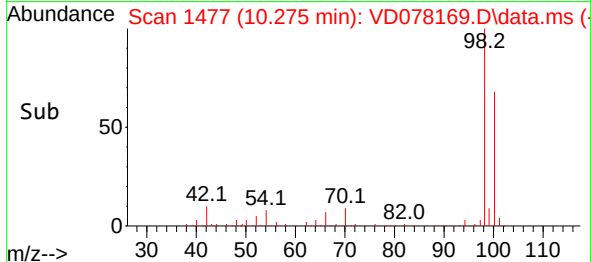
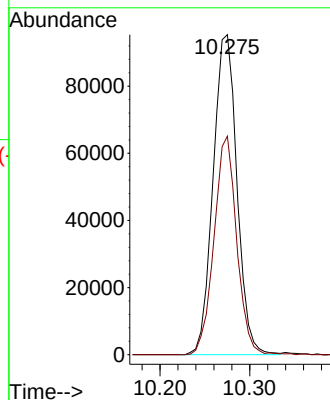
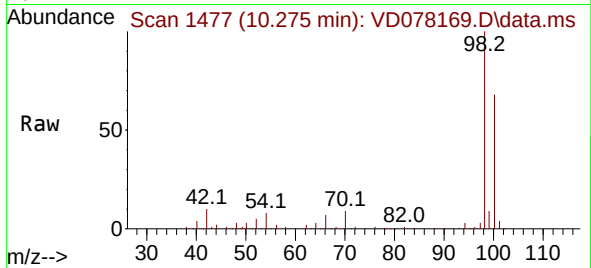




#50
Toluene-d8
Concen: 48.129 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VD078169.D
Acq: 16 Jan 2024 15:45

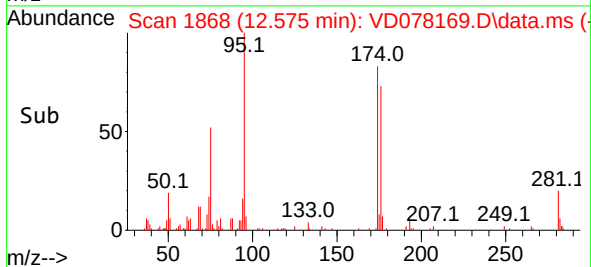
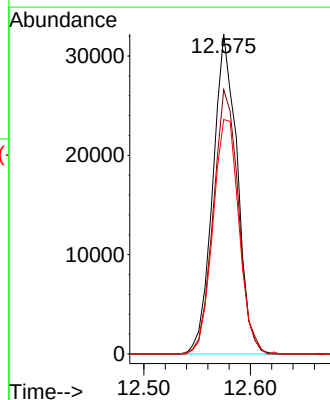
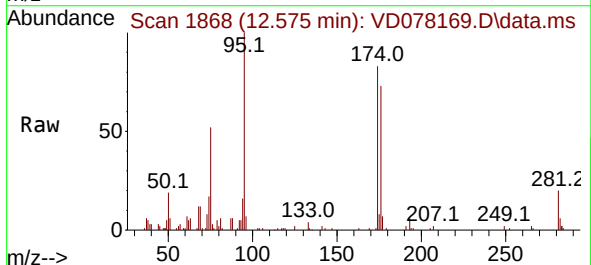
Instrument :
MSVOA_D
ClientSampleId :
VD0116SBL01

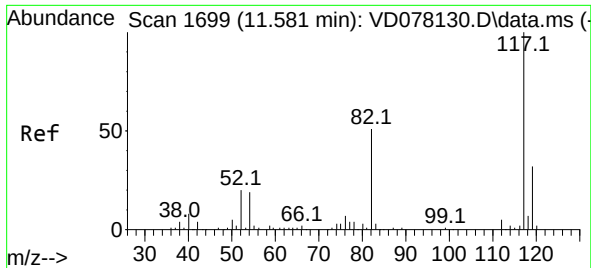
Tgt Ion: 98 Resp: 176052
Ion Ratio Lower Upper
98 100
100 65.0 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 40.111 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078169.D
Acq: 16 Jan 2024 15:45

Tgt Ion: 95 Resp: 51075
Ion Ratio Lower Upper
95 100
174 85.2 0.0 201.8
176 78.6 0.0 191.8

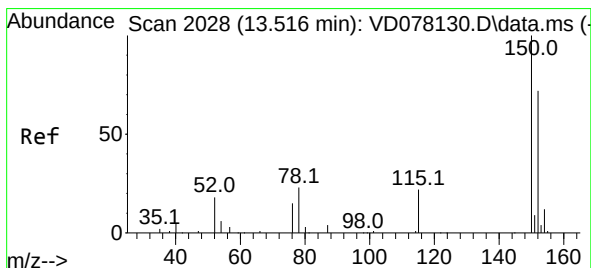
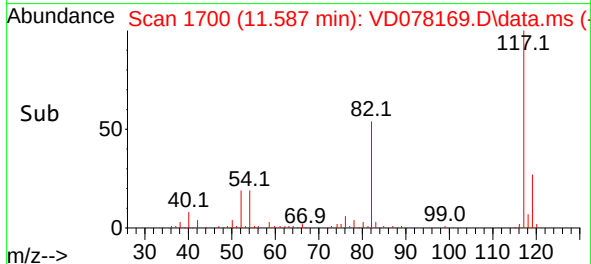
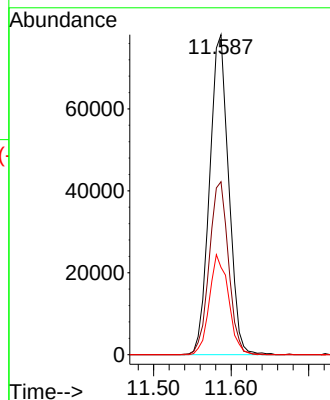
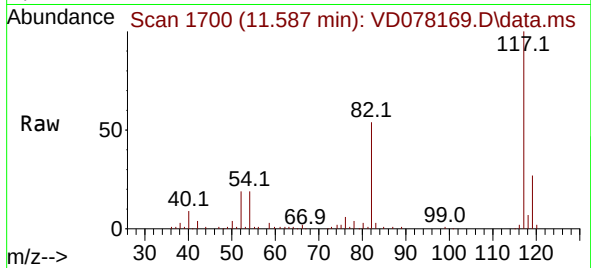




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078169.D
Acq: 16 Jan 2024 15:45

Instrument :
MSVOA_D
ClientSampleId :
VD0116SBL01

Tgt Ion:117 Resp: 133604
Ion Ratio Lower Upper
117 100
82 54.0 38.3 57.5
119 27.3 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: VD078169.D
Acq: 16 Jan 2024 15:45

Tgt Ion:152 Resp: 56747
Ion Ratio Lower Upper
152 100
115 62.0 27.1 81.3
150 155.9 0.0 353.6

