

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011524\
 Data File : VD078163.D
 Acq On : 15 Jan 2024 15:47
 Operator : RP/MD
 Sample : P1147-03
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-D

Quant Time: Jan 16 00:36:47 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	7.875	168	35895	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	72393	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	76783	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	35443	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	23408	61.943	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.880%
35) Dibromofluoromethane	7.810	113	25060	48.032	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.060%
50) Toluene-d8	10.269	98	92313	52.758	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.520%
62) 4-Bromofluorobenzene	12.575	95	30084	49.391	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.780%

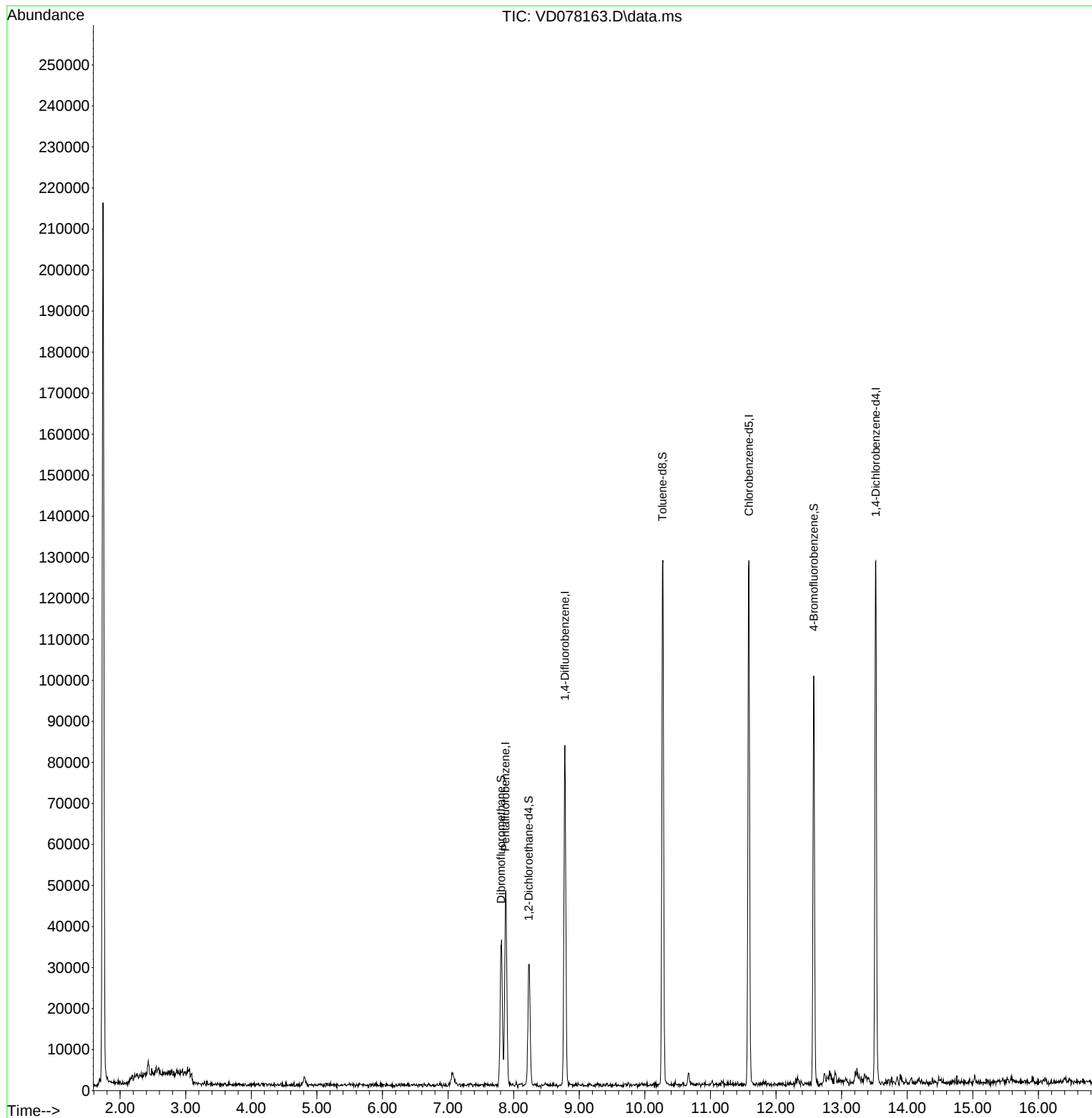
Target Compounds	Qvalue

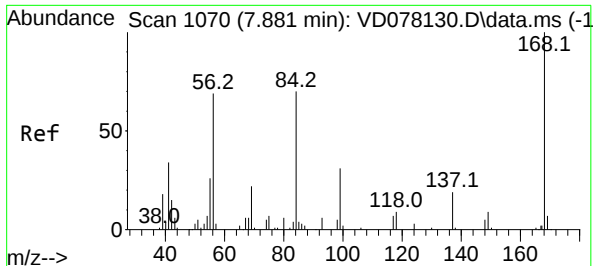
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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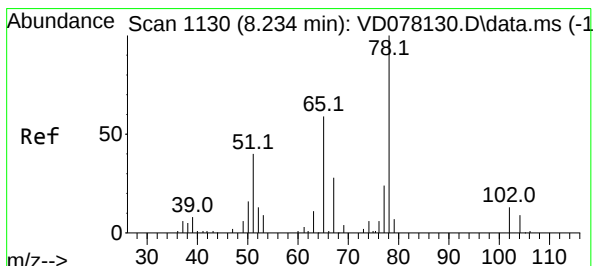
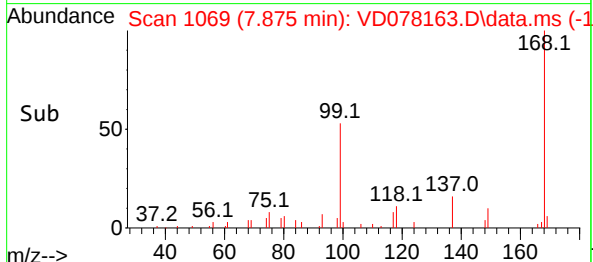
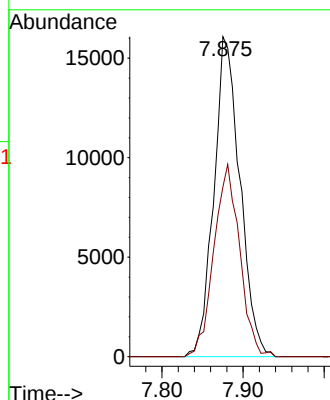
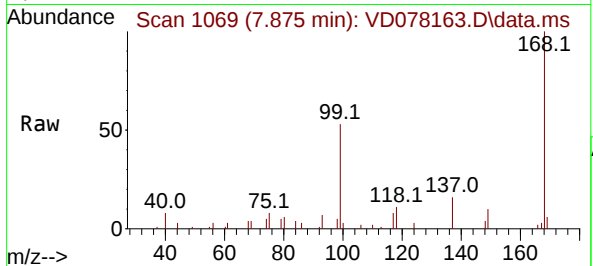




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD078163.D
Acq: 15 Jan 2024 15:47

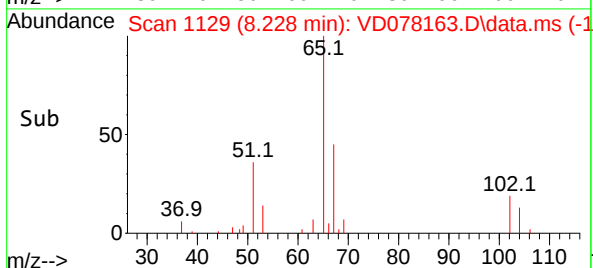
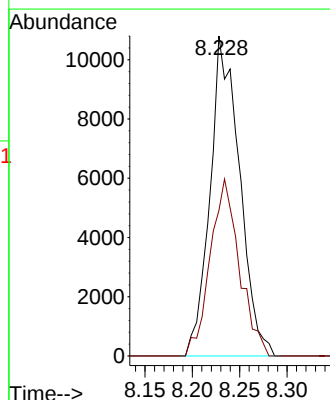
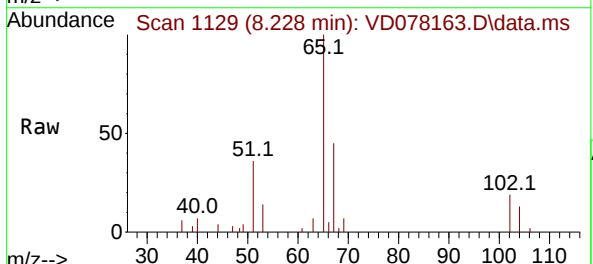
Instrument :
MSVOA_D
ClientSampleId :
MH-D

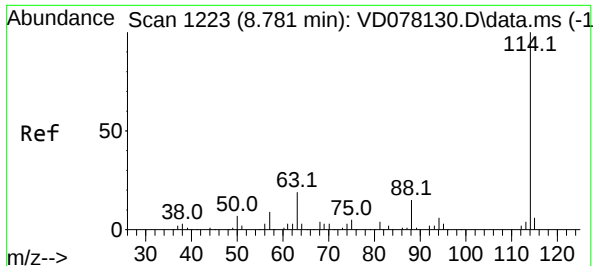
Tgt Ion:168 Resp: 35895
Ion Ratio Lower Upper
168 100
99 53.0 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 61.943 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078163.D
Acq: 15 Jan 2024 15:47

Tgt Ion: 65 Resp: 23408
Ion Ratio Lower Upper
65 100
67 54.7 0.0 115.0

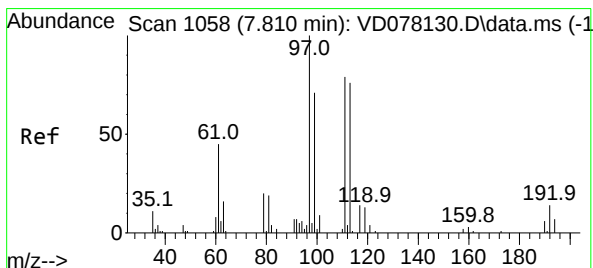
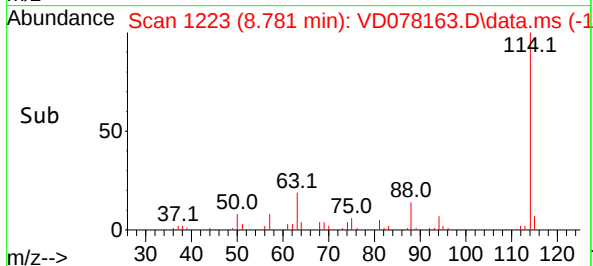
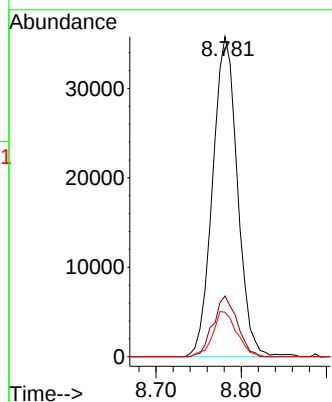
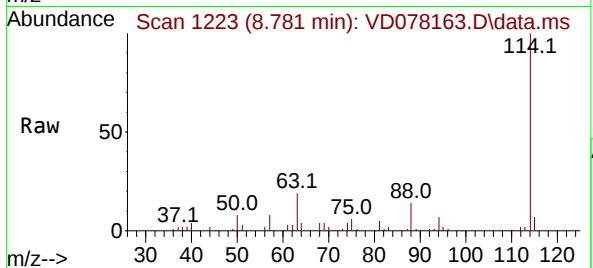




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078163.D
Acq: 15 Jan 2024 15:47

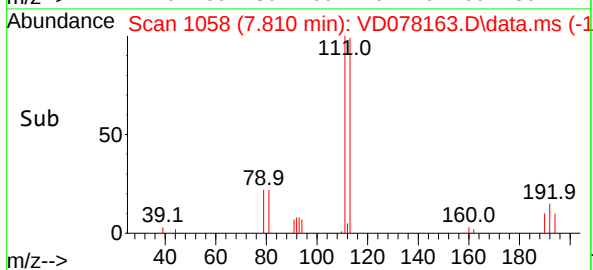
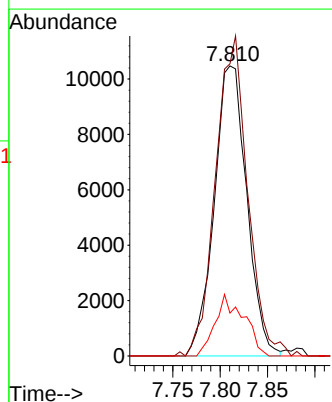
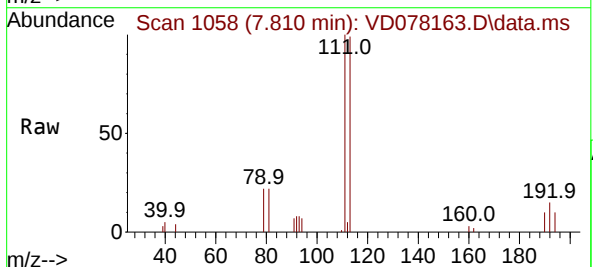
Instrument :
MSVOA_D
ClientSampleId :
MH-D

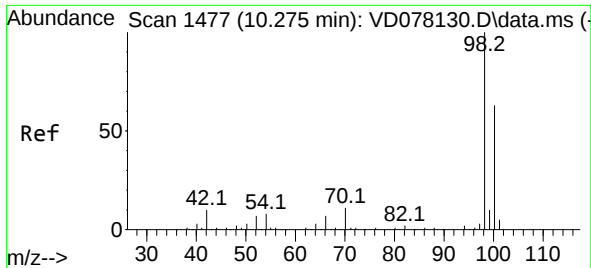
Tgt Ion:	114	Resp:	72393
Ion Ratio	Lower	Upper	
114	100		
63	19.0	0.0	33.4
88	13.9	0.0	26.2



#35
Dibromofluoromethane
Concen: 48.032 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VD078163.D
Acq: 15 Jan 2024 15:47

Tgt Ion:	113	Resp:	25060
Ion Ratio	Lower	Upper	
113	100		
111	108.6	84.7	127.1
192	18.7	16.8	25.2

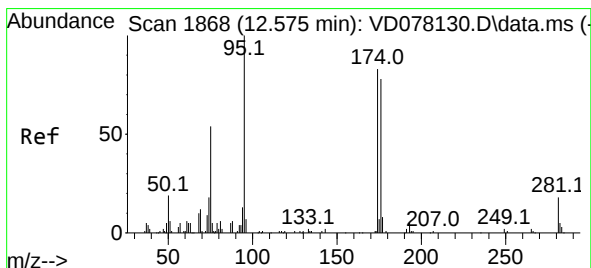
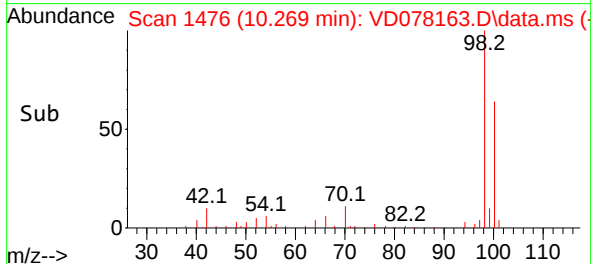
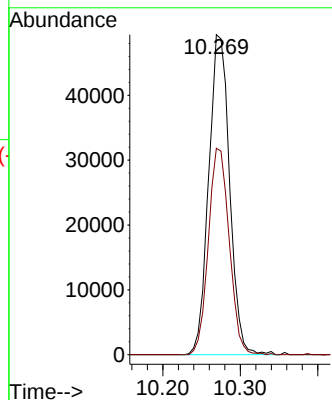
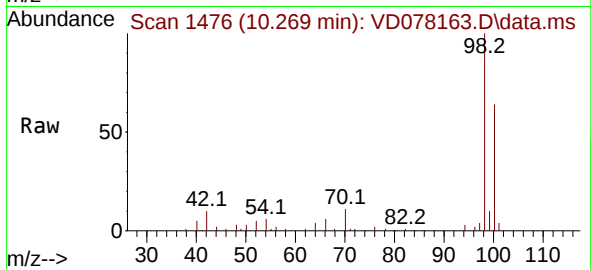




#50
Toluene-d8
Concen: 52.758 ug/l
RT: 10.269 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VD078163.D
Acq: 15 Jan 2024 15:47

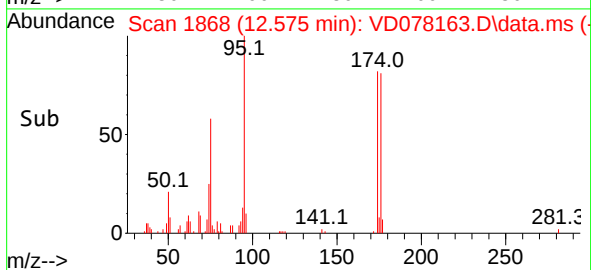
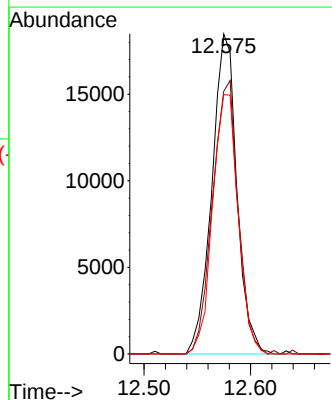
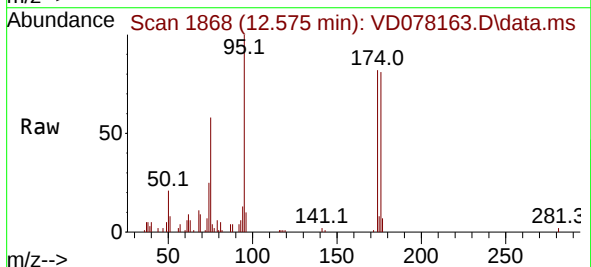
Instrument :
MSVOA_D
ClientSampleId :
MH-D

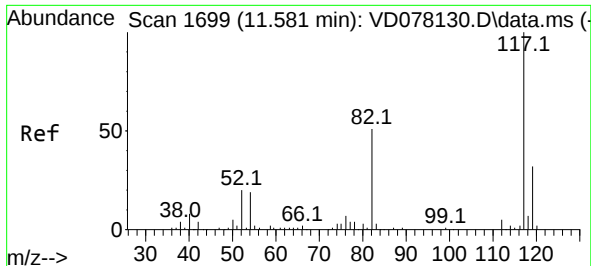
Tgt Ion: 98 Resp: 92313
Ion Ratio Lower Upper
98 100
100 64.4 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 49.391 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078163.D
Acq: 15 Jan 2024 15:47

Tgt Ion: 95 Resp: 30084
Ion Ratio Lower Upper
95 100
174 87.5 0.0 201.8
176 83.1 0.0 191.8

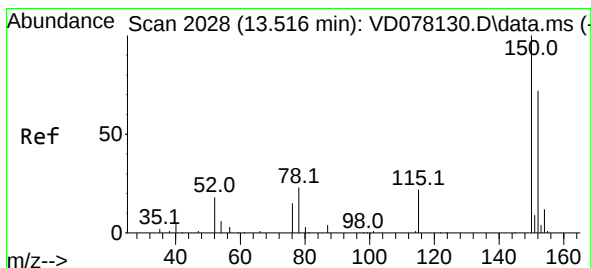
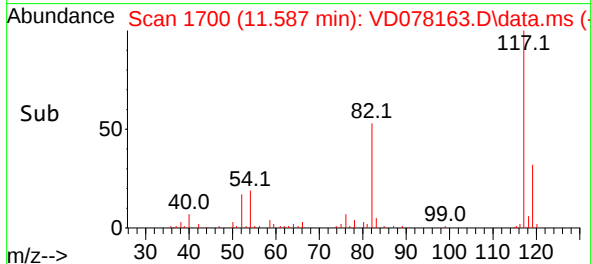
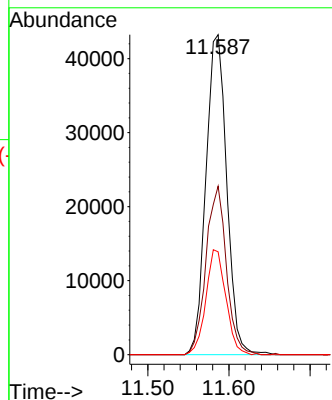
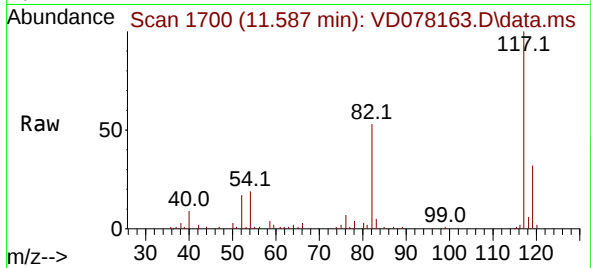




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078163.D
Acq: 15 Jan 2024 15:47

Instrument :
MSVOA_D
ClientSampleId :
MH-D

Tgt Ion:117 Resp: 76783
Ion Ratio Lower Upper
117 100
82 52.7 38.3 57.5
119 32.1 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: VD078163.D
Acq: 15 Jan 2024 15:47

Tgt Ion:152 Resp: 35443
Ion Ratio Lower Upper
152 100
115 59.3 27.1 81.3
150 157.9 0.0 353.6

