

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012424\
 Data File : VD078226.D
 Acq On : 24 Jan 2024 16:38
 Operator : RP/MD
 Sample : P1237-02
 Misc : 5.24G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2-19.5-20.0

Quant Time: Jan 25 00:28:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 05:43:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	124978	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	270353	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	270070	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	113605	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	62940	44.114	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.220%
35) Dibromofluoromethane	7.811	113	81268	45.674	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.340%
50) Toluene-d8	10.269	98	353542	50.181	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.360%
62) 4-Bromofluorobenzene	12.575	95	105655	51.712	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.420%

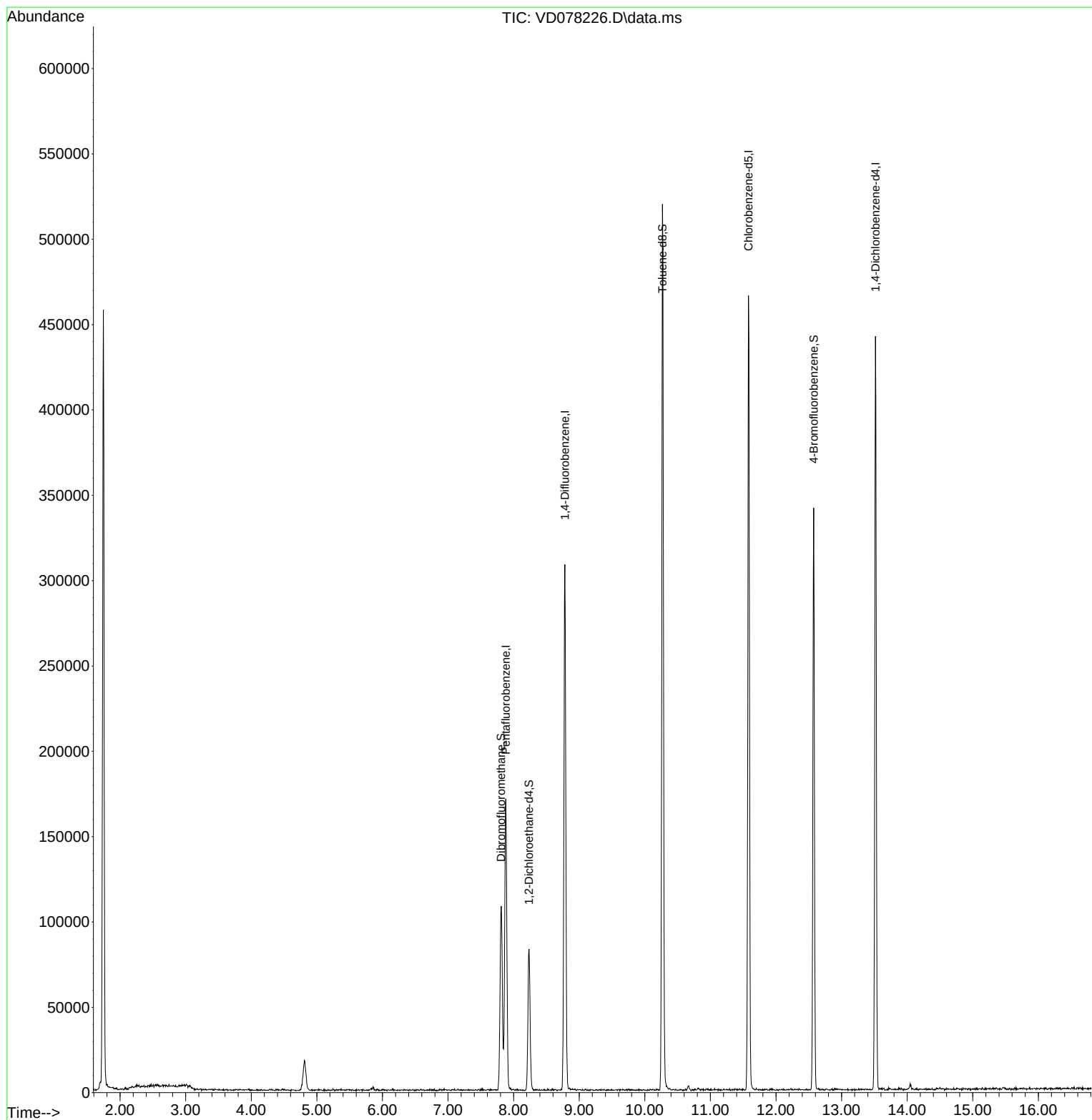
Target Compounds	Qvalue

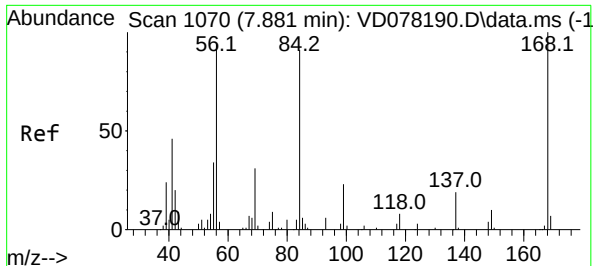
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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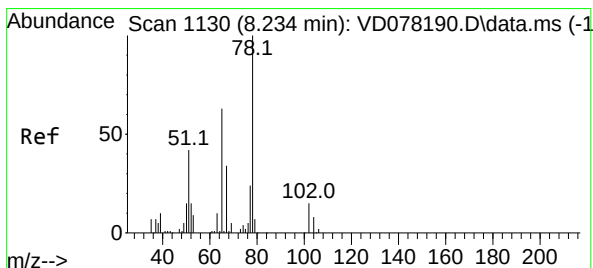
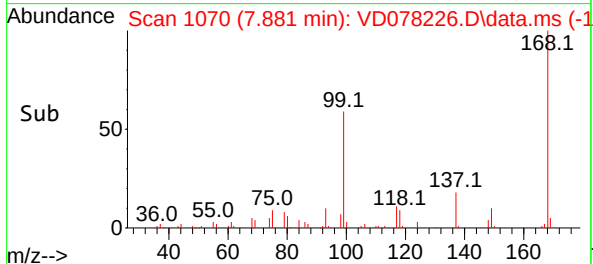
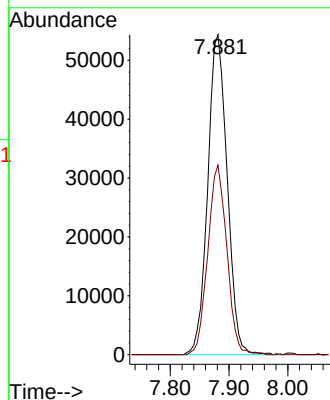
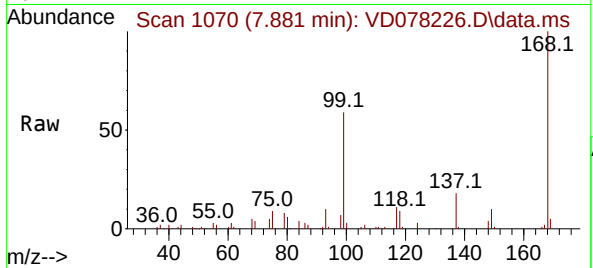




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.000 min
Lab File: VD078226.D
Acq: 24 Jan 2024 16:38

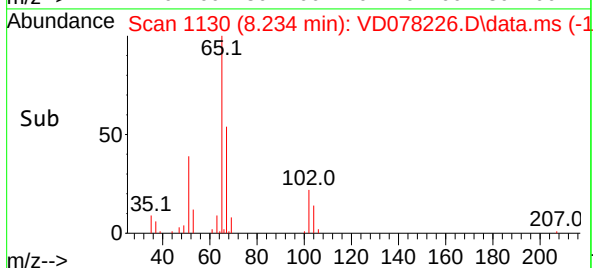
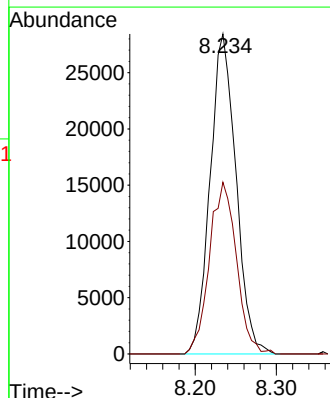
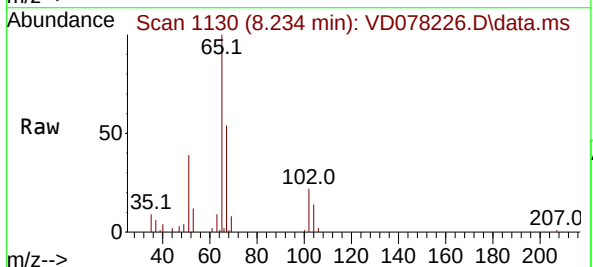
Instrument :
MSVOA_D
ClientSampleId :
SB-2-19.5-20.0

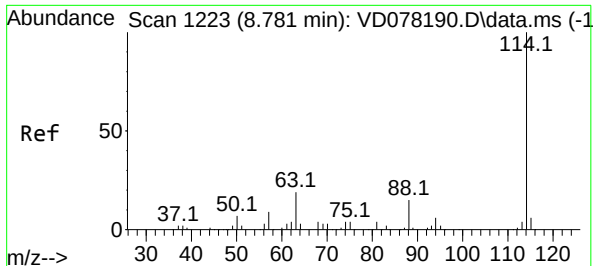
Tgt Ion:168 Resp: 124978
Ion Ratio Lower Upper
168 100
99 59.3 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 44.114 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078226.D
Acq: 24 Jan 2024 16:38

Tgt Ion: 65 Resp: 62940
Ion Ratio Lower Upper
65 100
67 56.1 0.0 115.0

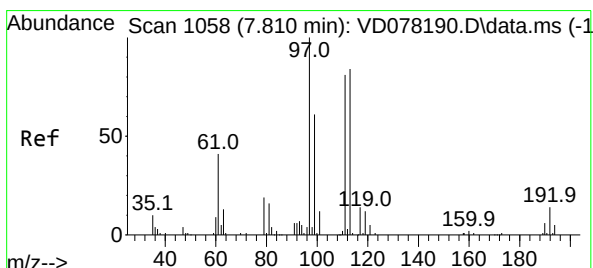
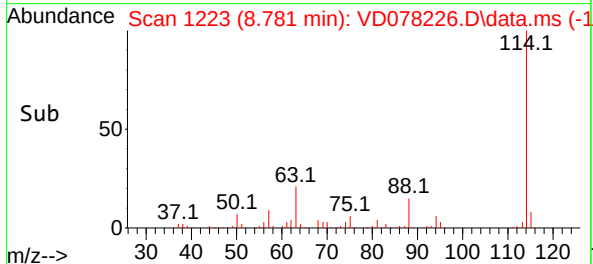
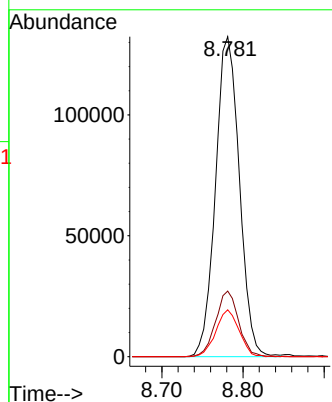
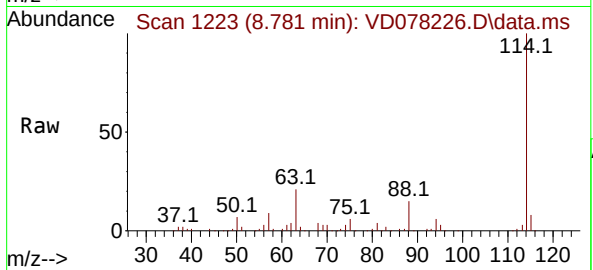




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078226.D
Acq: 24 Jan 2024 16:38

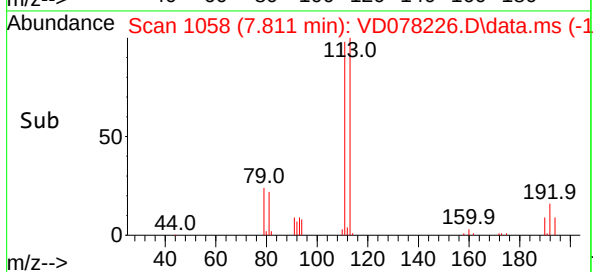
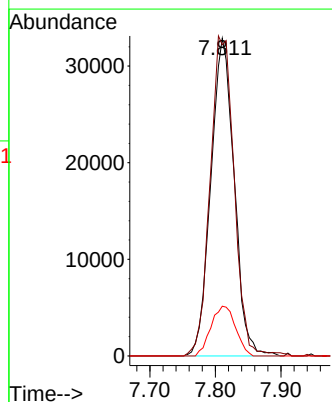
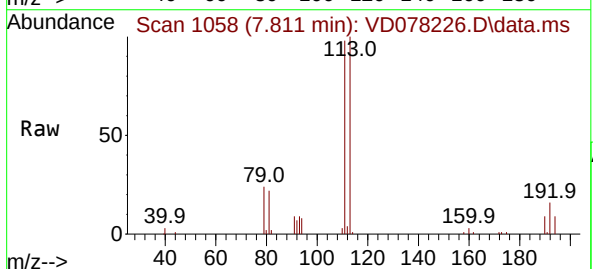
Instrument :
MSVOA_D
ClientSampleId :
SB-2-19.5-20.0

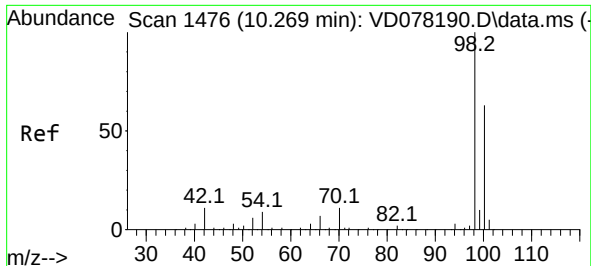
Tgt Ion:114 Resp: 270353
Ion Ratio Lower Upper
114 100
63 20.5 0.0 33.4
88 14.6 0.0 26.2



#35
Dibromofluoromethane
Concen: 45.674 ug/l
RT: 7.811 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD078226.D
Acq: 24 Jan 2024 16:38

Tgt Ion:113 Resp: 81268
Ion Ratio Lower Upper
113 100
111 103.7 84.7 127.1
192 16.5 16.8 25.2#

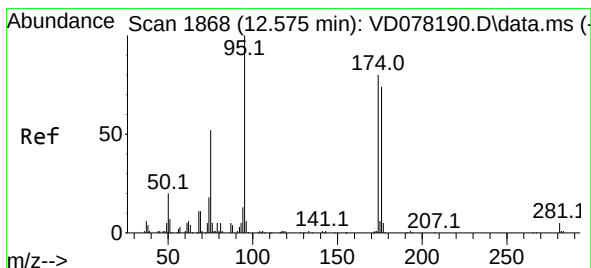
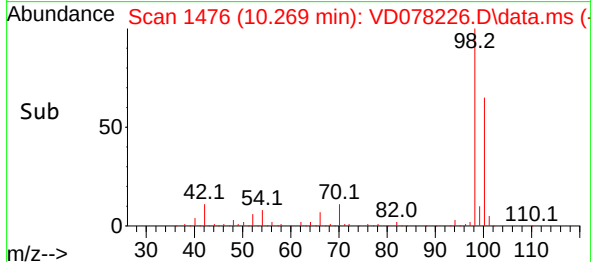
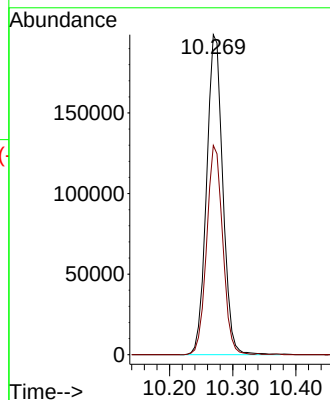
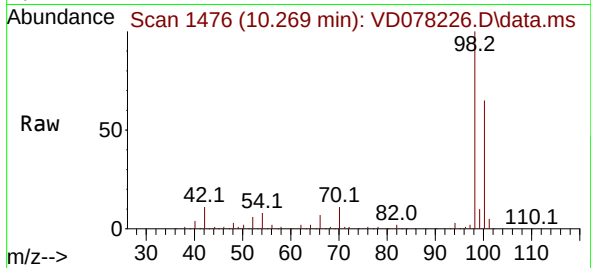




#50
Toluene-d8
Concen: 50.181 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078226.D
Acq: 24 Jan 2024 16:38

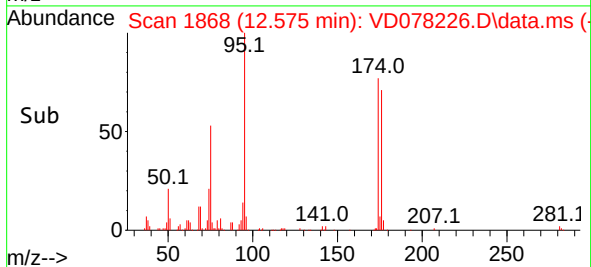
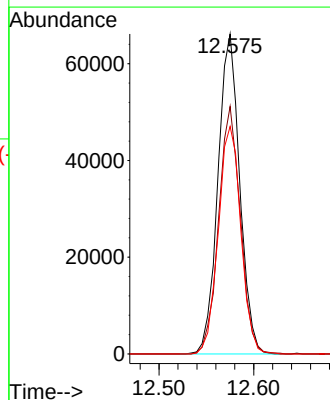
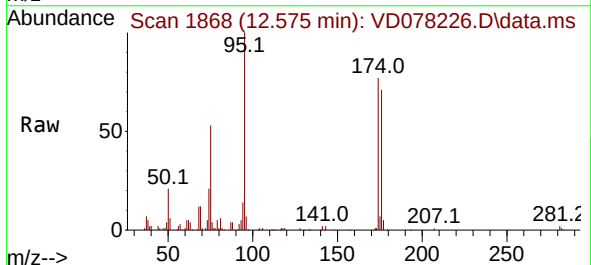
Instrument :
MSVOA_D
ClientSampleId :
SB-2-19.5-20.0

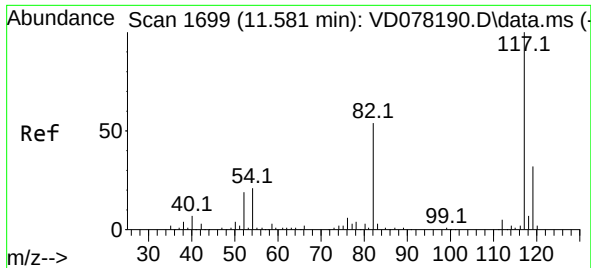
Tgt Ion: 98 Resp: 353542
Ion Ratio Lower Upper
98 100
100 64.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 51.712 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078226.D
Acq: 24 Jan 2024 16:38

Tgt Ion: 95 Resp: 105655
Ion Ratio Lower Upper
95 100
174 77.2 0.0 201.8
176 73.5 0.0 191.8

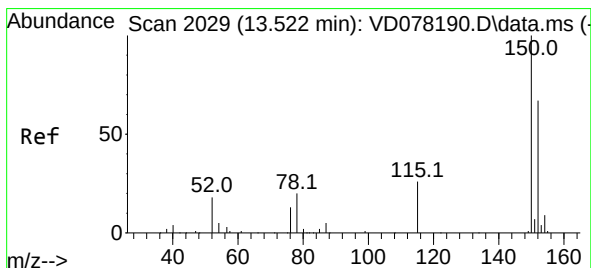
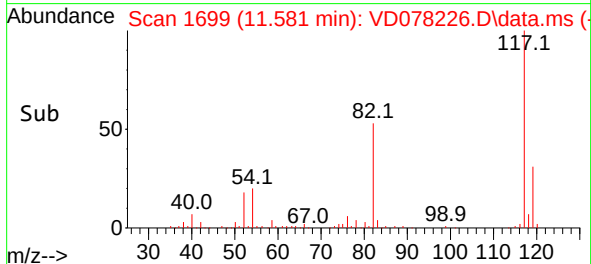
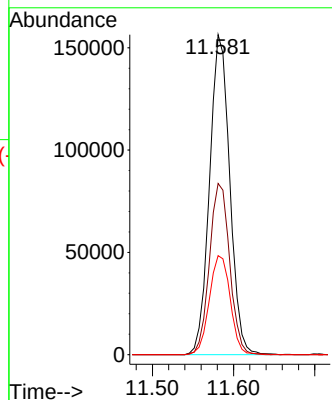
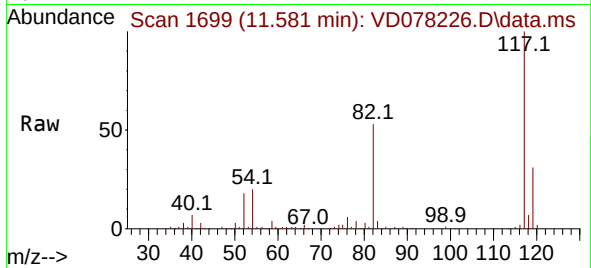




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078226.D
Acq: 24 Jan 2024 16:38

Instrument :
MSVOA_D
ClientSampleId :
SB-2-19.5-20.0

Tgt Ion:117 Resp: 270070
Ion Ratio Lower Upper
117 100
82 53.5 38.3 57.5
119 31.0 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: VD078226.D
Acq: 24 Jan 2024 16:38

Tgt Ion:152 Resp: 113605
Ion Ratio Lower Upper
152 100
115 58.7 27.1 81.3
150 156.2 0.0 353.6

