

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011524\
 Data File : VD078165.D
 Acq On : 15 Jan 2024 16:41
 Operator : RP/MD
 Sample : P1140-01
 Misc : 5.04G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MR-309-0-2

Quant Time: Jan 16 00:37:47 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	7.881	168	130940	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	269205	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	269706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	115698	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	66276	48.078	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.160%
35) Dibromofluoromethane	7.816	113	84223	43.410	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.820%
50) Toluene-d8	10.269	98	342689	52.667	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.340%
62) 4-Bromofluorobenzene	12.575	95	100395	44.324	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.640%

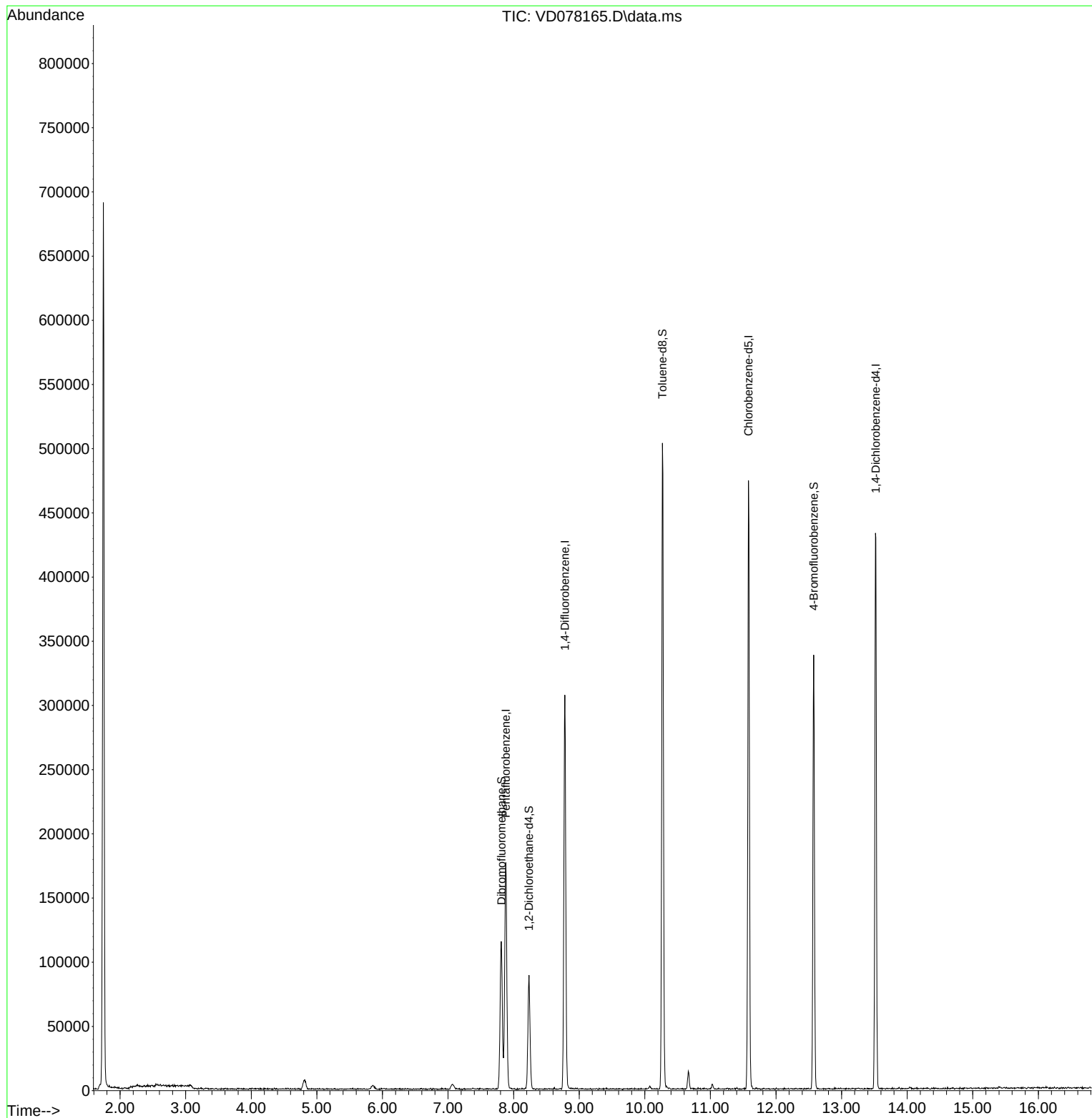
Target Compounds	Qvalue

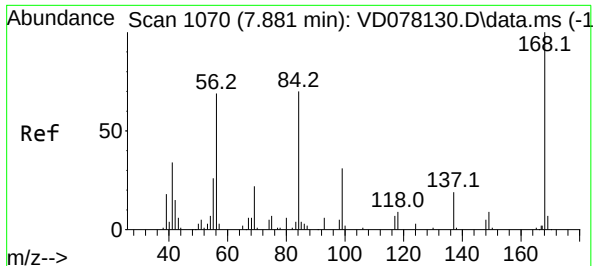
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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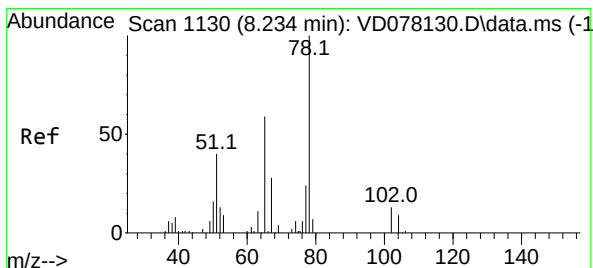
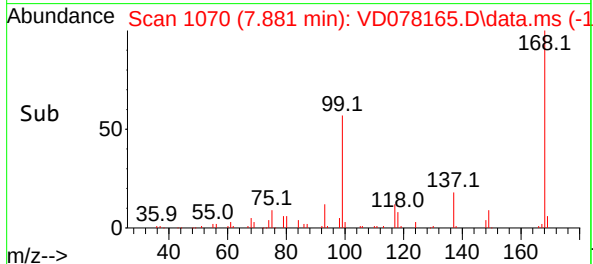
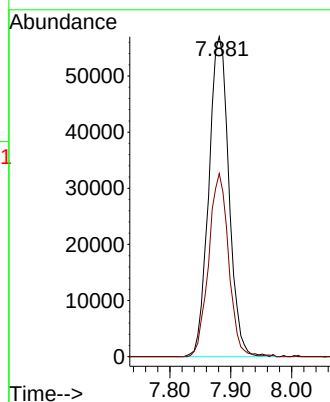
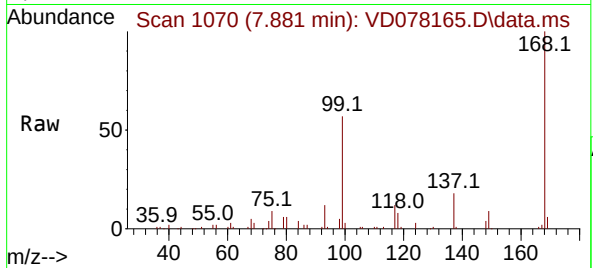




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078165.D
Acq: 15 Jan 2024 16:41

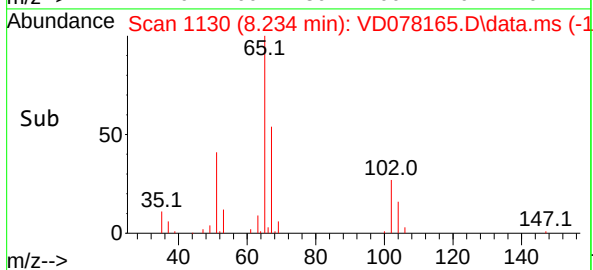
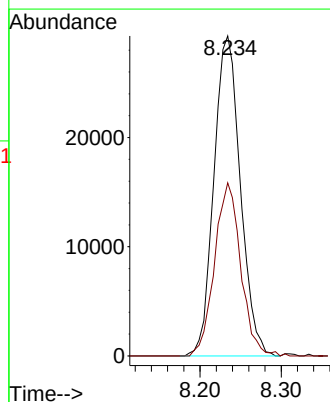
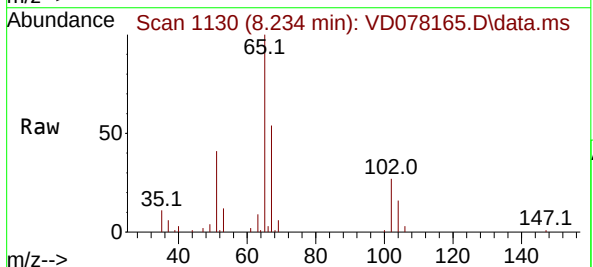
Instrument :
MSVOA_D
ClientSampleId :
MR-309-0-2

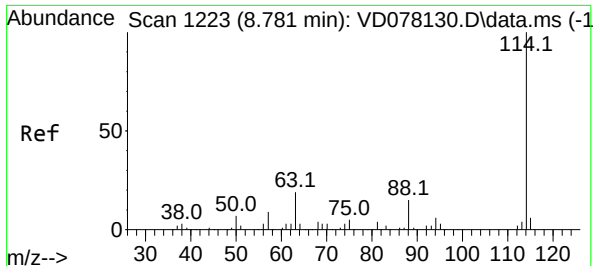
Tgt Ion:168 Resp: 130940
Ion Ratio Lower Upper
168 100
99 57.2 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 48.078 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078165.D
Acq: 15 Jan 2024 16:41

Tgt Ion: 65 Resp: 66276
Ion Ratio Lower Upper
65 100
67 53.6 0.0 115.0

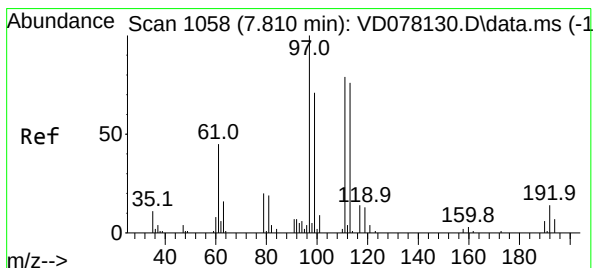
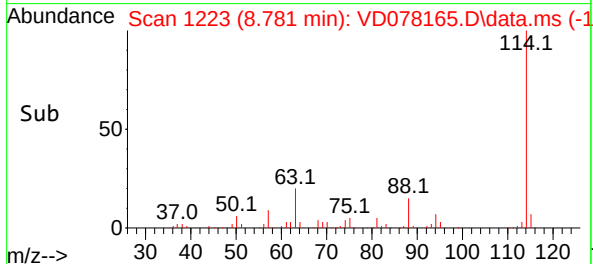
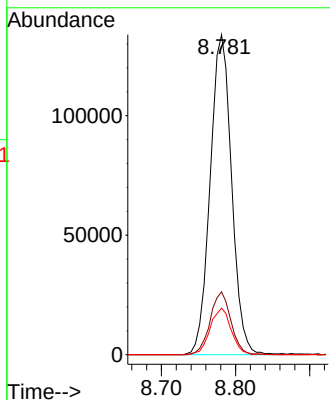
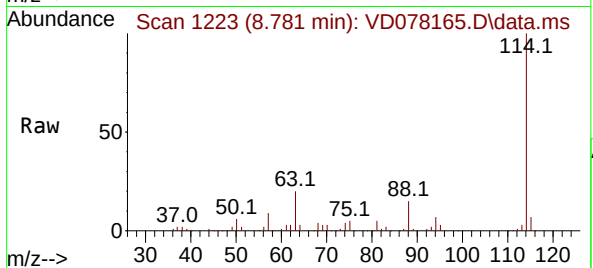




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078165.D
Acq: 15 Jan 2024 16:41

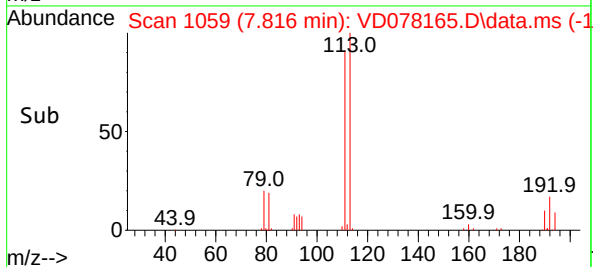
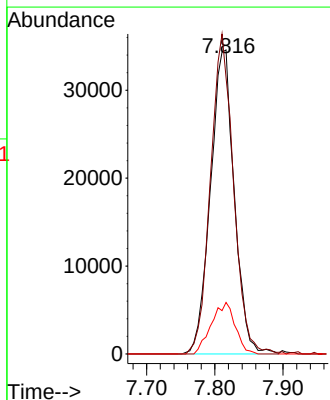
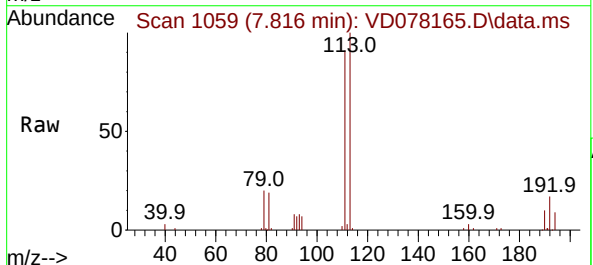
Instrument :
MSVOA_D
ClientSampleId :
MR-309-0-2

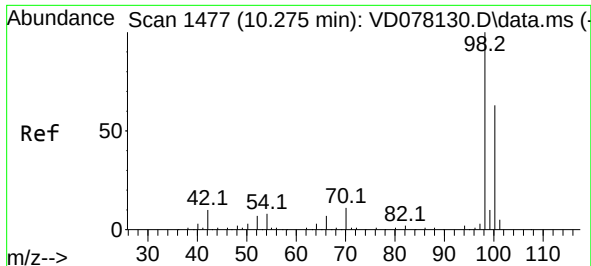
Tgt Ion:114 Resp: 269205
Ion Ratio Lower Upper
114 100
63 19.7 0.0 33.4
88 14.6 0.0 26.2



#35
Dibromofluoromethane
Concen: 43.410 ug/l
RT: 7.816 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VD078165.D
Acq: 15 Jan 2024 16:41

Tgt Ion:113 Resp: 84223
Ion Ratio Lower Upper
113 100
111 101.7 84.7 127.1
192 16.9 16.8 25.2

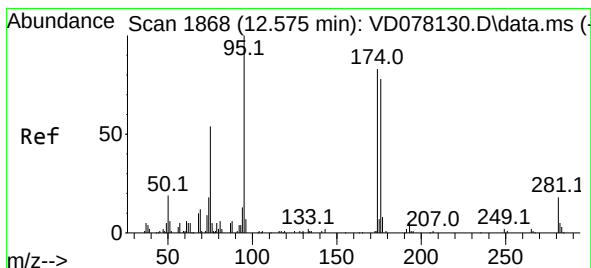
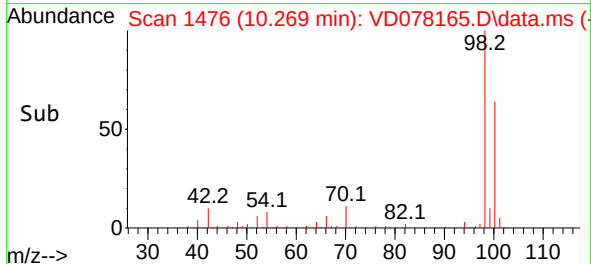
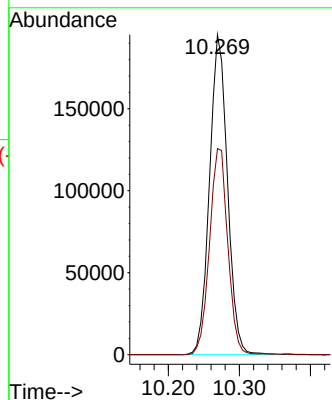
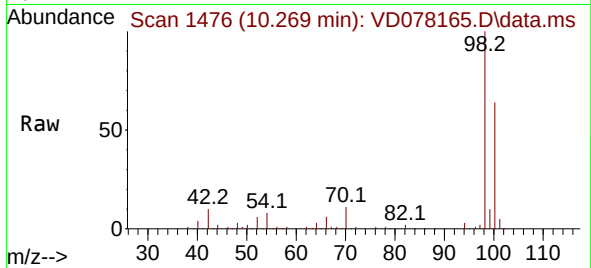




#50
Toluene-d8
Concen: 52.667 ug/l
RT: 10.269 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VD078165.D
Acq: 15 Jan 2024 16:41

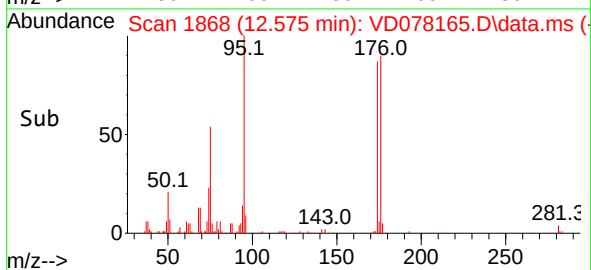
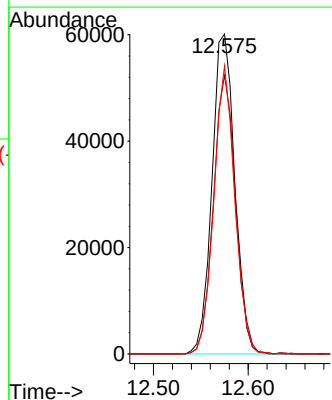
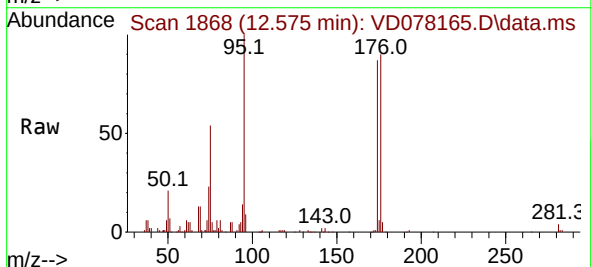
Instrument :
MSVOA_D
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MR-309-0-2

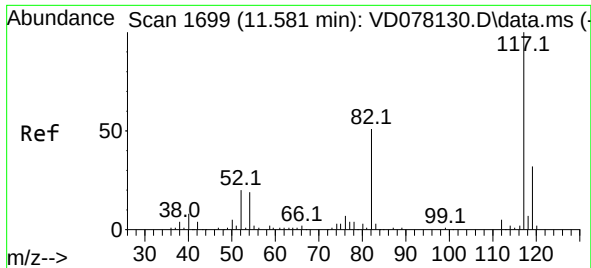
Tgt Ion: 98 Resp: 342689
Ion Ratio Lower Upper
98 100
100 65.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 44.324 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078165.D
Acq: 15 Jan 2024 16:41

Tgt Ion: 95 Resp: 100395
Ion Ratio Lower Upper
95 100
174 84.9 0.0 201.8
176 83.0 0.0 191.8

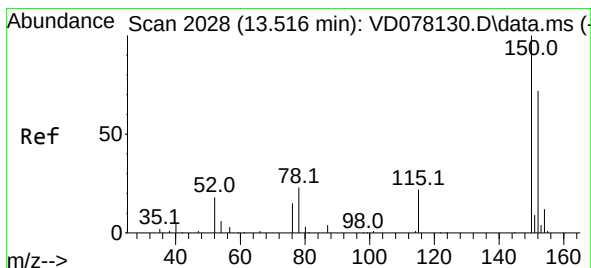
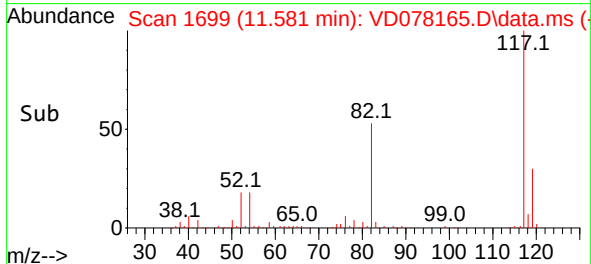
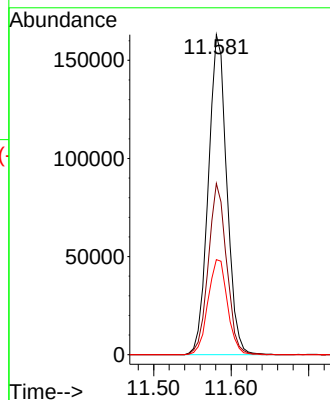
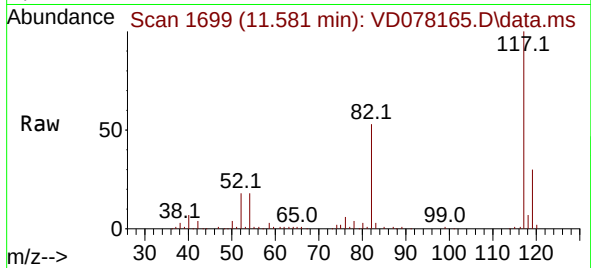




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078165.D
Acq: 15 Jan 2024 16:41

Instrument :
MSVOA_D
ClientSampleId :
MR-309-0-2

Tgt Ion:117 Resp: 269706
Ion Ratio Lower Upper
117 100
82 53.5 38.3 57.5
119 29.7 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: VD078165.D
Acq: 15 Jan 2024 16:41

Tgt Ion:152 Resp: 115698
Ion Ratio Lower Upper
152 100
115 56.4 27.1 81.3
150 155.4 0.0 353.6

