

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032824\
 Data File : VD078781.D
 Acq On : 28 Mar 2024 18:19
 Operator : RP/MD
 Sample : P1879-06
 Misc : 4.77G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EB-03(2-4)

Quant Time: Mar 29 01:37:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	135360	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	262312	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	230615	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	87444	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	68842	54.269	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.540%
35) Dibromofluoromethane	7.804	113	82522	48.862	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.720%
50) Toluene-d8	10.269	98	320456	51.593	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.180%
62) 4-Bromofluorobenzene	12.575	95	72792	40.059	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.120%

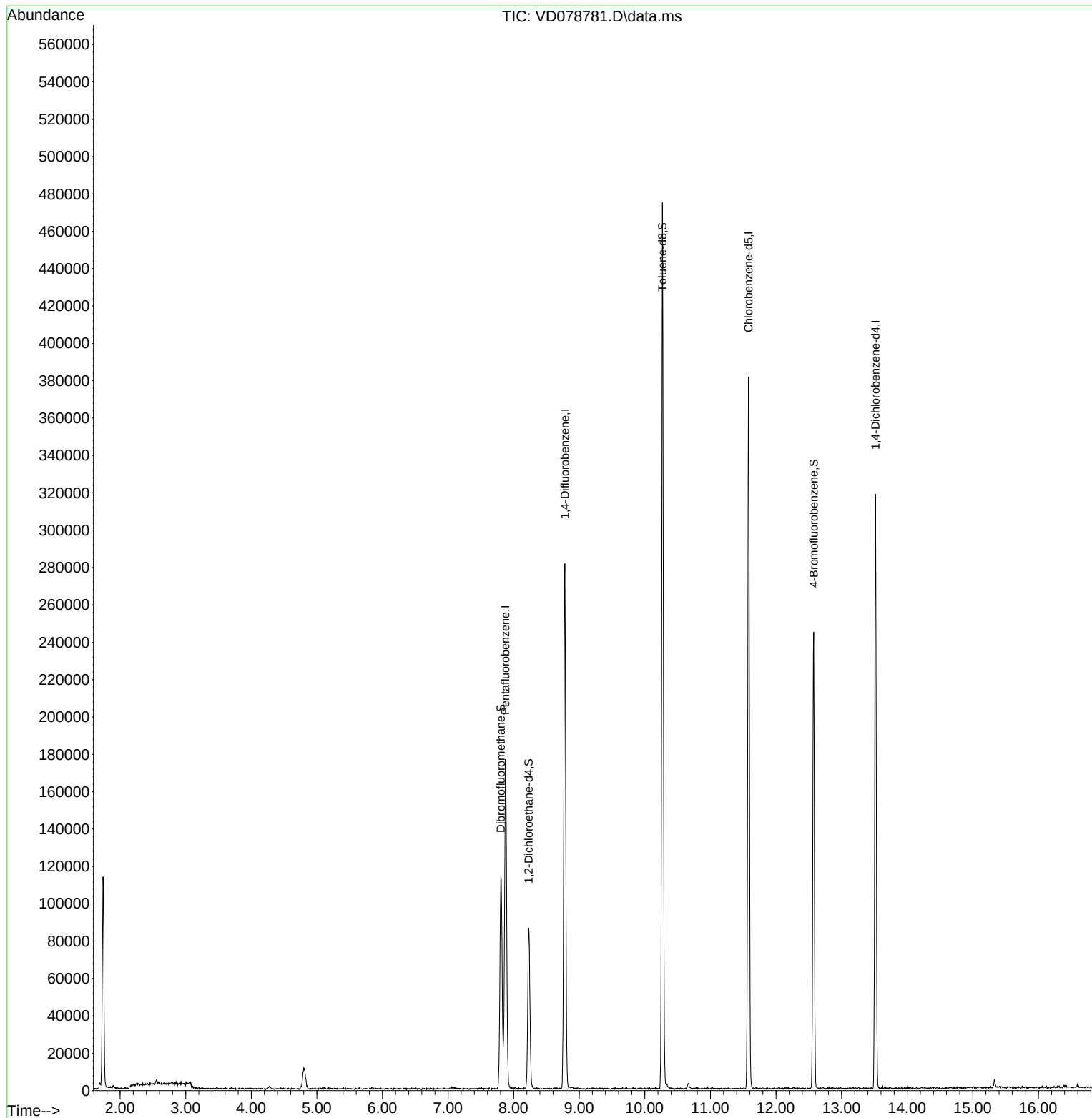
Target Compounds	Qvalue

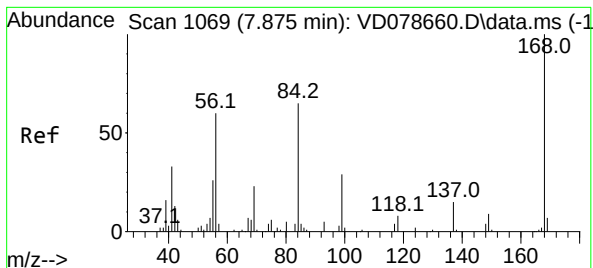
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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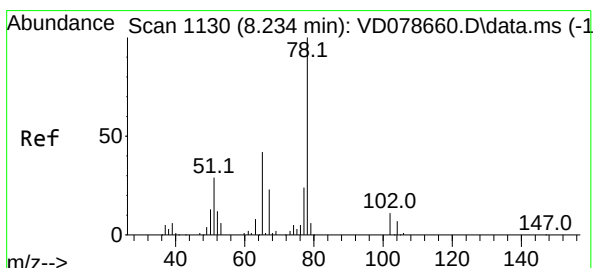
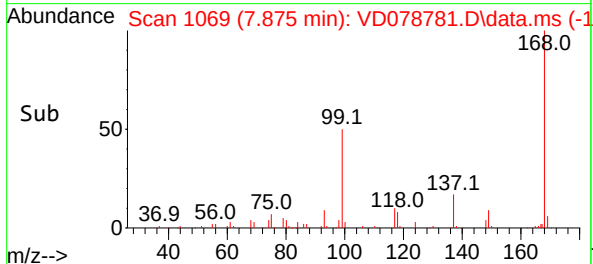
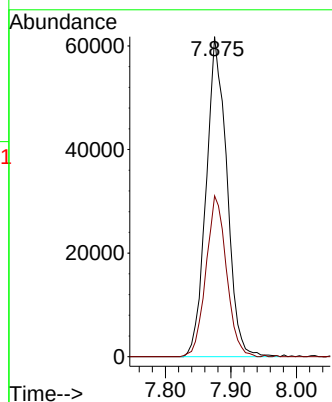
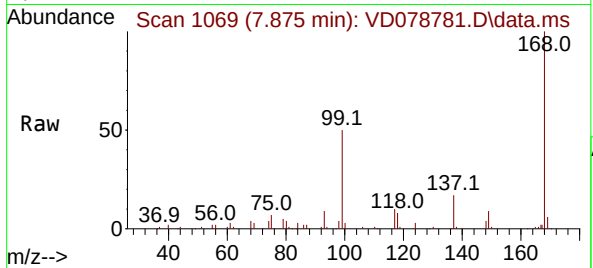




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD078781.D
Acq: 28 Mar 2024 18:19

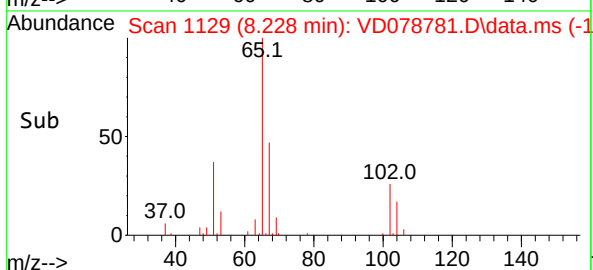
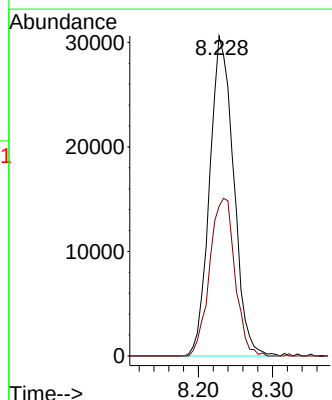
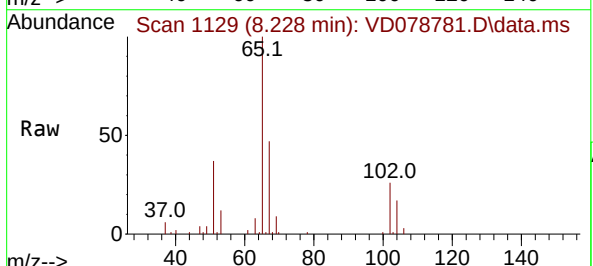
Instrument :
MSVOA_D
ClientSampleId :
EB-03(2-4)

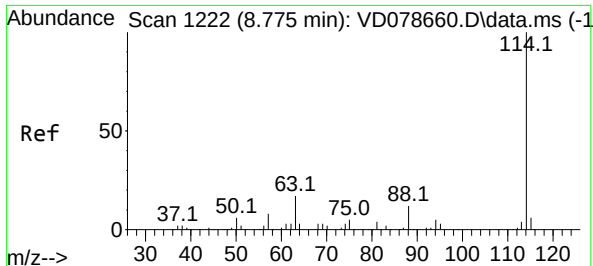
Tgt Ion:168 Resp: 135360
Ion Ratio Lower Upper
168 100
99 50.2 38.8 58.2



#33
1,2-Dichloroethane-d4
Concen: 54.269 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078781.D
Acq: 28 Mar 2024 18:19

Tgt Ion: 65 Resp: 68842
Ion Ratio Lower Upper
65 100
67 51.9 0.0 110.2

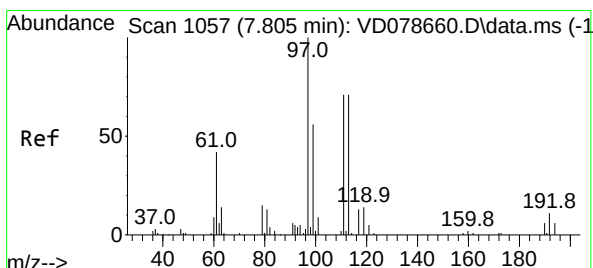
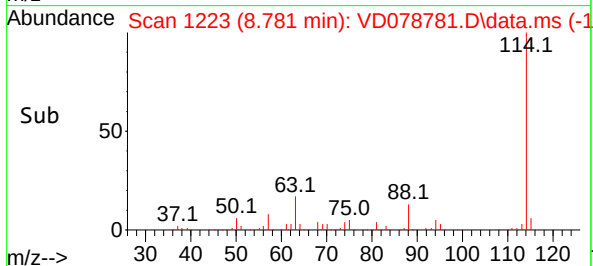
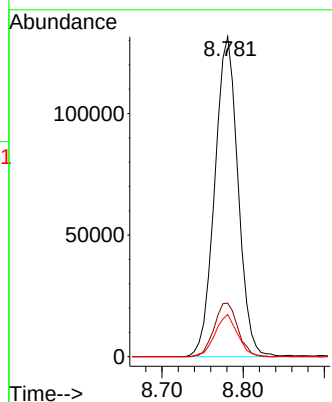
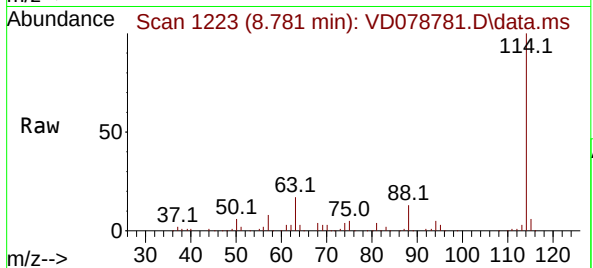




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078781.D
Acq: 28 Mar 2024 18:19

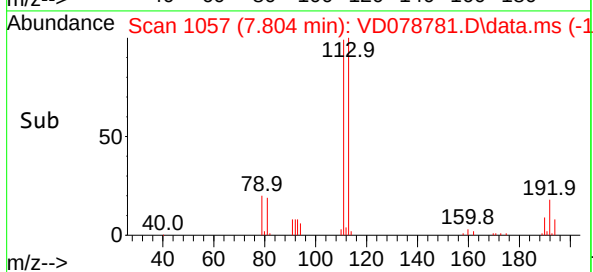
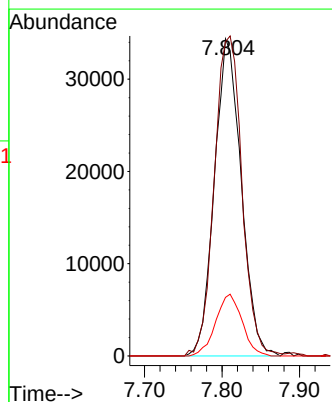
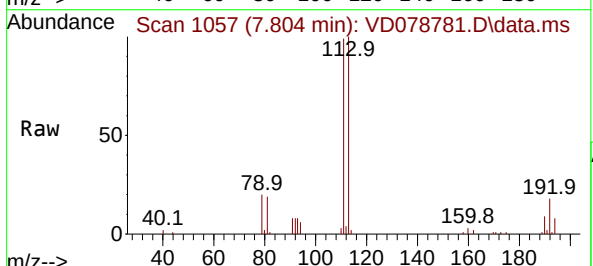
Instrument :
MSVOA_D
ClientSampleId :
EB-03(2-4)

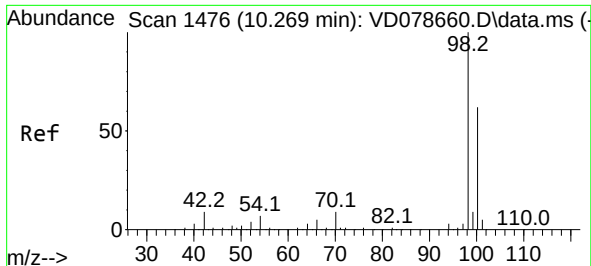
Tgt Ion:114 Resp: 262312
Ion Ratio Lower Upper
114 100
63 16.8 0.0 33.4
88 13.2 0.0 24.6



#35
Dibromofluoromethane
Concen: 48.862 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD078781.D
Acq: 28 Mar 2024 18:19

Tgt Ion:113 Resp: 82522
Ion Ratio Lower Upper
113 100
111 104.0 81.9 122.9
192 19.3 15.4 23.0

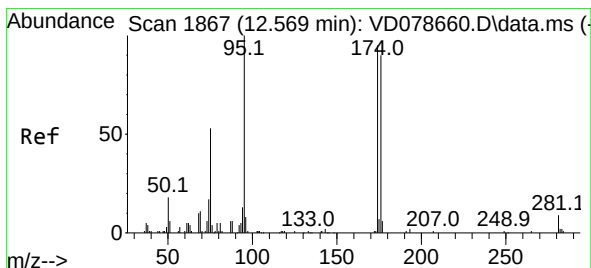
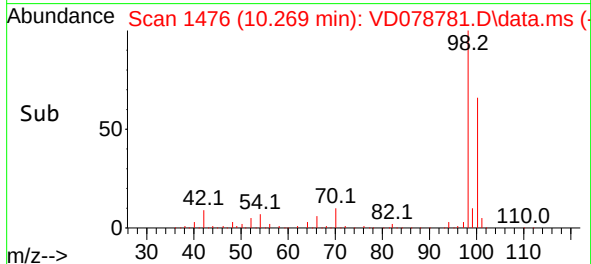
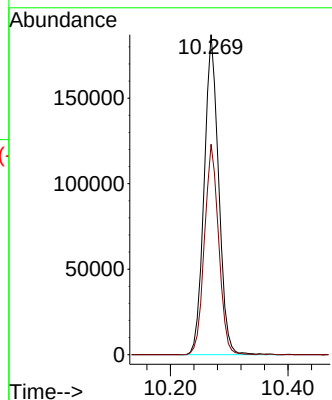
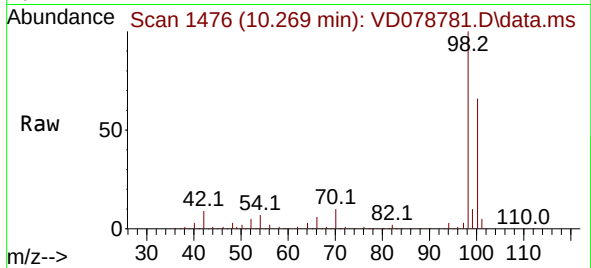




#50
Toluene-d8
Concen: 51.593 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078781.D
Acq: 28 Mar 2024 18:19

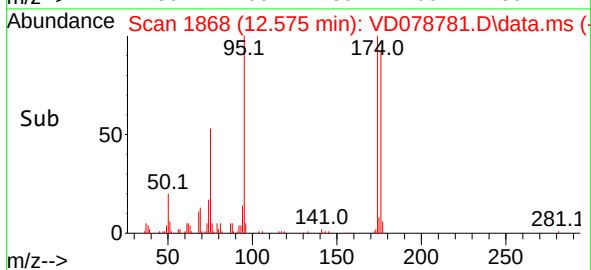
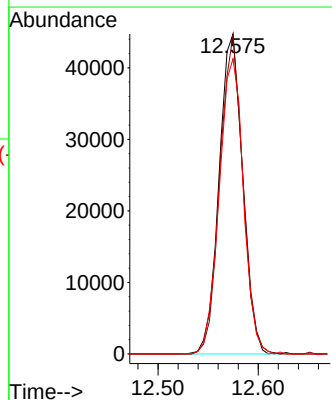
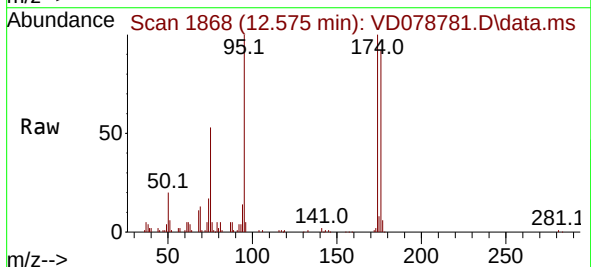
Instrument :
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ClientSampleId :
EB-03(2-4)

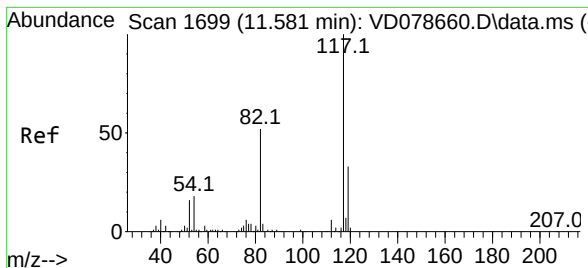
Tgt Ion: 98 Resp: 320456
Ion Ratio Lower Upper
98 100
100 64.4 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 40.059 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078781.D
Acq: 28 Mar 2024 18:19

Tgt Ion: 95 Resp: 72792
Ion Ratio Lower Upper
95 100
174 97.1 0.0 195.2
176 94.6 0.0 188.2

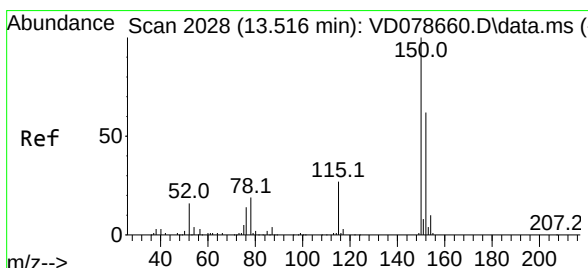
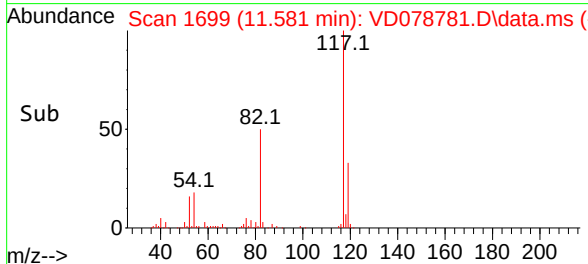
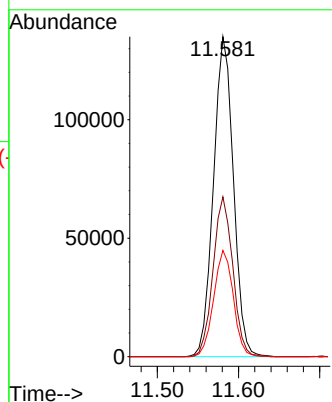
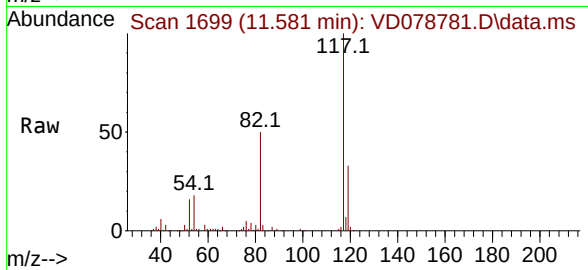




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD078781.D
Acq: 28 Mar 2024 18:19

Instrument :
MSVOA_D
ClientSampleId :
EB-03(2-4)

Tgt Ion:117 Resp: 230615
Ion Ratio Lower Upper
117 100
82 50.0 41.4 62.2
119 33.2 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD078781.D
Acq: 28 Mar 2024 18:19

Tgt Ion:152 Resp: 87444
Ion Ratio Lower Upper
152 100
115 54.3 27.1 81.2
150 155.4 0.0 350.2

