

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032124\
 Data File : VD078722.D
 Acq On : 21 Mar 2024 11:10
 Operator : RP/MD
 Sample : VD0321SBL02
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0321SBL02

Quant Time: Mar 22 06:54:28 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	7.881	168	102065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	187351	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	175429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	72470	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	54559	57.039	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.080%
35) Dibromofluoromethane	7.810	113	62772	52.039	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.080%
50) Toluene-d8	10.269	98	227871	51.366	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.740%
62) 4-Bromofluorobenzene	12.575	95	57515	44.316	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.640%

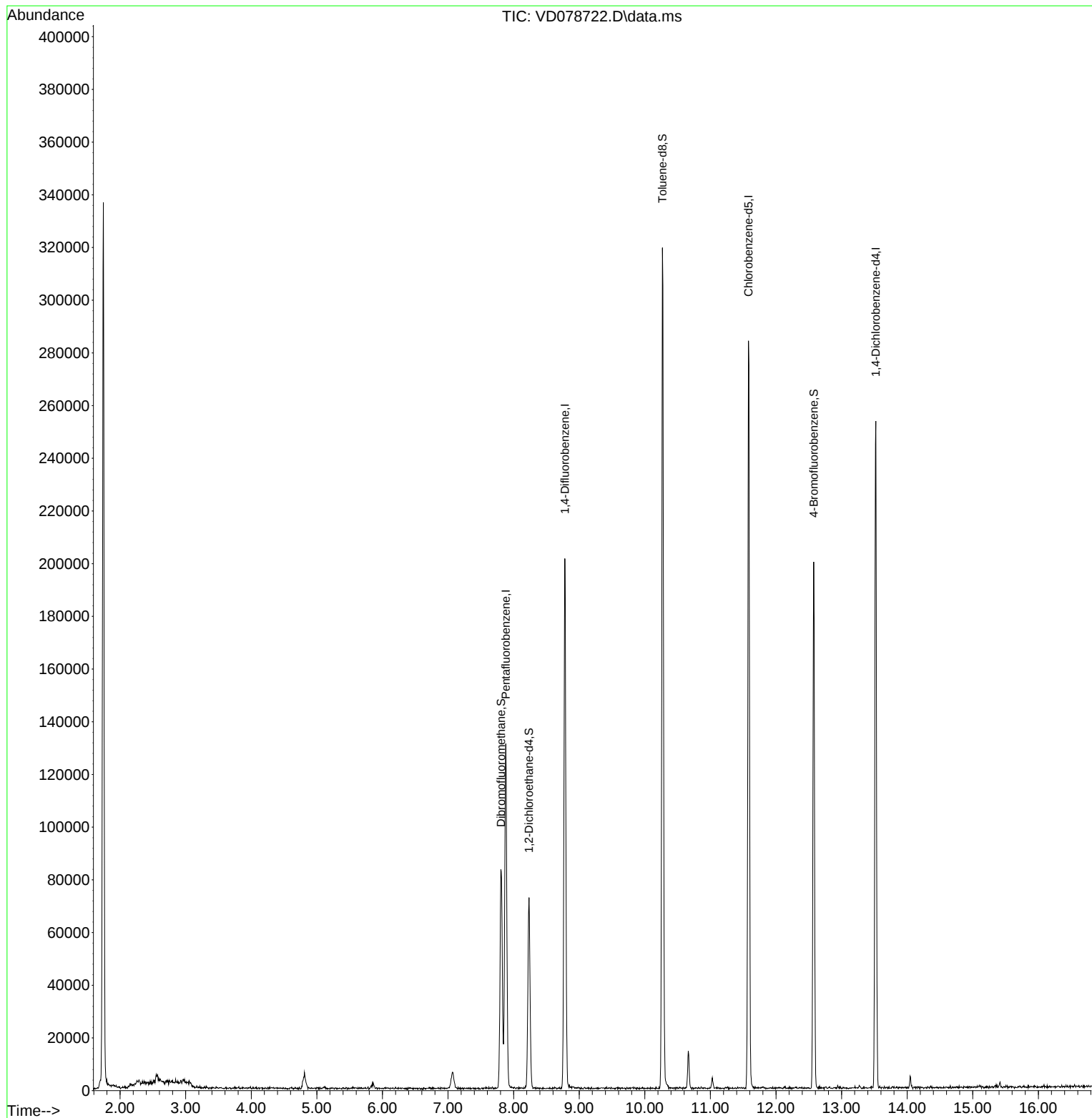
Target Compounds	Qvalue

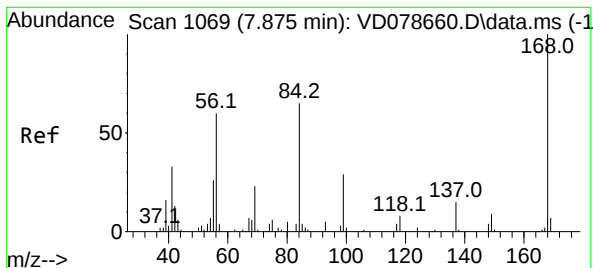
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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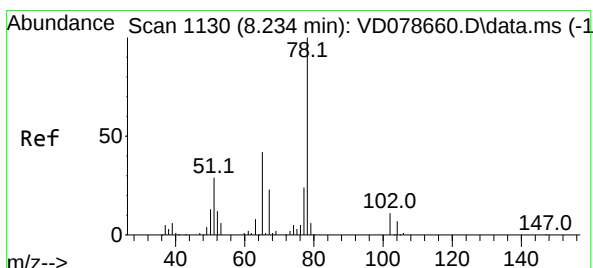
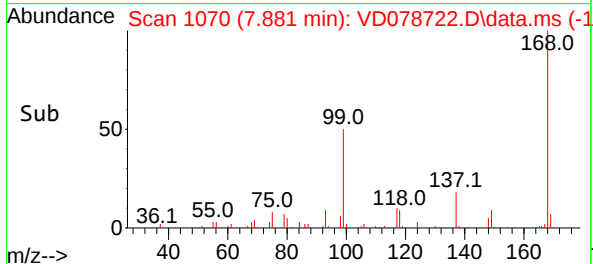
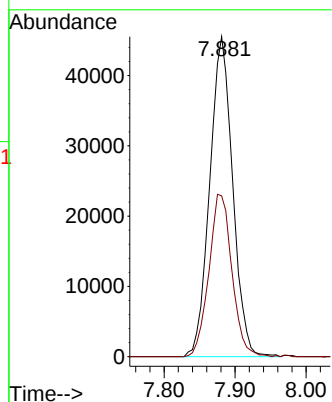
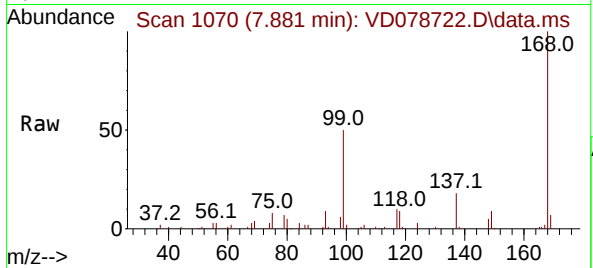




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD078722.D
Acq: 21 Mar 2024 11:10

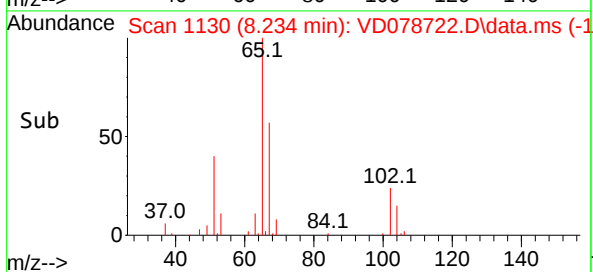
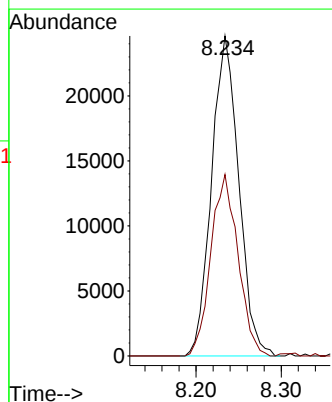
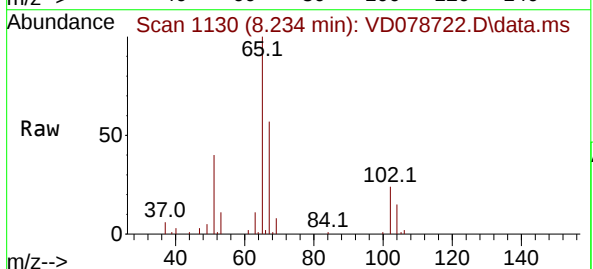
Instrument :
MSVOA_D
ClientSampleId :
VD0321SBL02

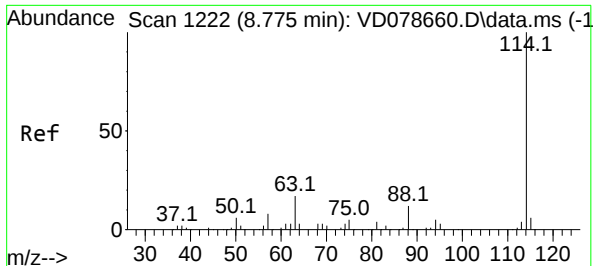
Tgt Ion:168 Resp: 102065
Ion Ratio Lower Upper
168 100
99 50.2 38.8 58.2



#33
1,2-Dichloroethane-d4
Concen: 57.039 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078722.D
Acq: 21 Mar 2024 11:10

Tgt Ion: 65 Resp: 54559
Ion Ratio Lower Upper
65 100
67 56.7 0.0 110.2

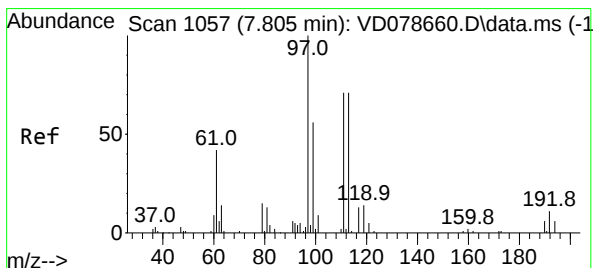
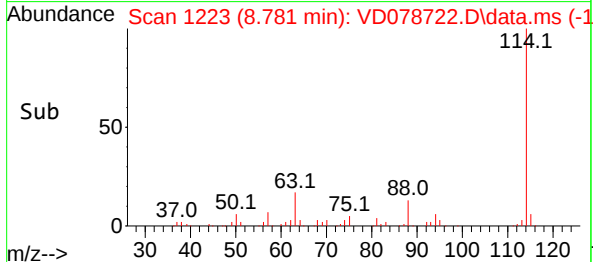
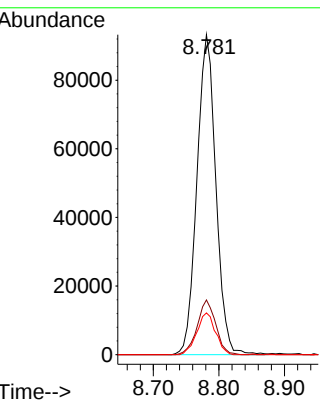
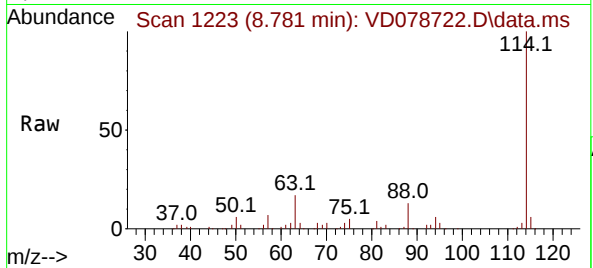




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078722.D
Acq: 21 Mar 2024 11:10

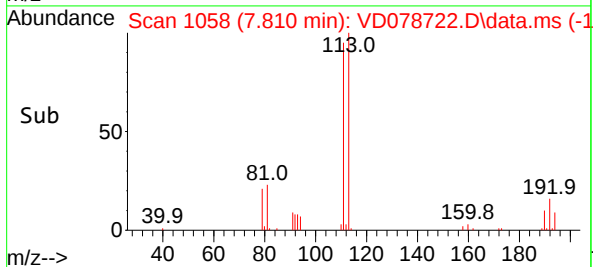
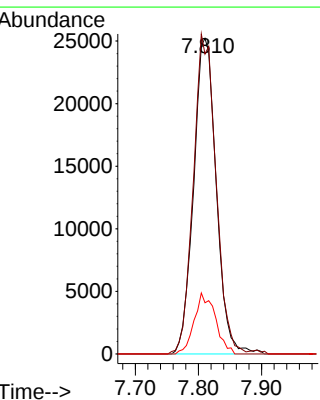
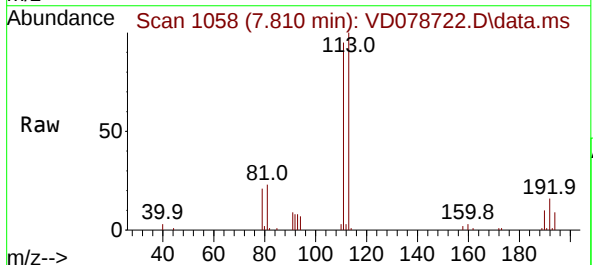
Instrument :
MSVOA_D
ClientSampleId :
VD0321SBL02

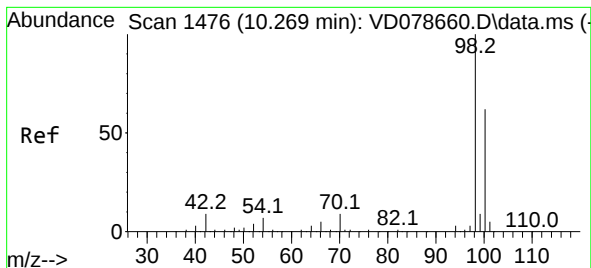
Tgt Ion:114 Resp: 187351
Ion Ratio Lower Upper
114 100
63 17.1 0.0 33.4
88 13.1 0.0 24.6



#35
Dibromofluoromethane
Concen: 52.039 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD078722.D
Acq: 21 Mar 2024 11:10

Tgt Ion:113 Resp: 62772
Ion Ratio Lower Upper
113 100
111 101.1 81.9 122.9
192 18.0 15.4 23.0

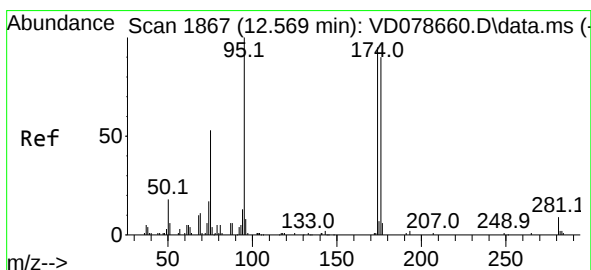
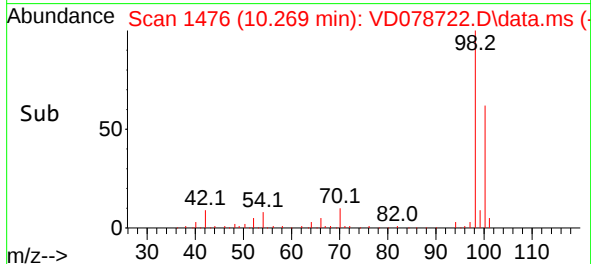
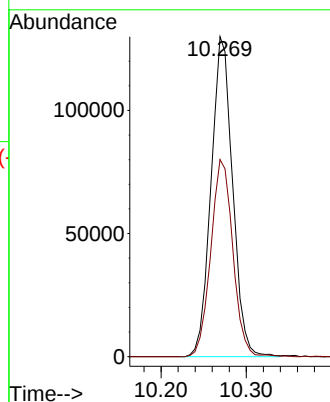
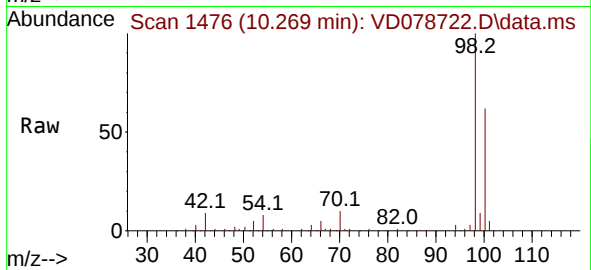




#50
Toluene-d8
Concen: 51.366 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078722.D
Acq: 21 Mar 2024 11:10

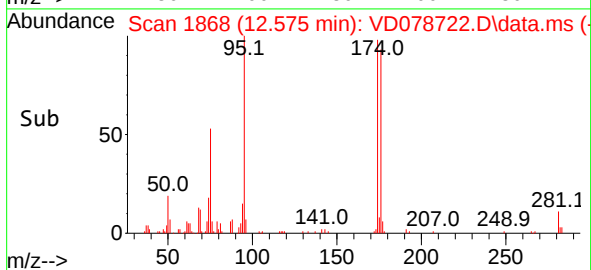
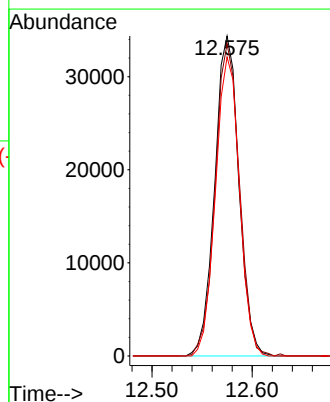
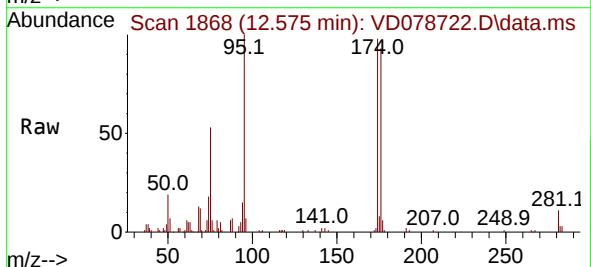
Instrument :
MSVOA_D
ClientSampleId :
VD0321SBL02

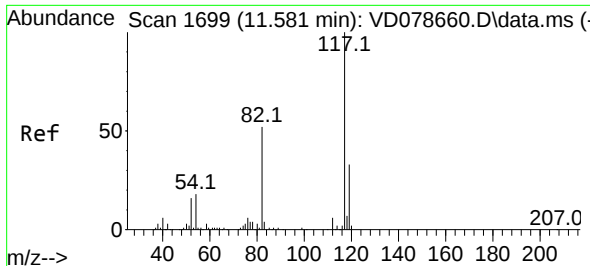
Tgt Ion: 98 Resp: 227871
Ion Ratio Lower Upper
98 100
100 63.1 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 44.316 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078722.D
Acq: 21 Mar 2024 11:10

Tgt Ion: 95 Resp: 57515
Ion Ratio Lower Upper
95 100
174 97.6 0.0 195.2
176 92.4 0.0 188.2

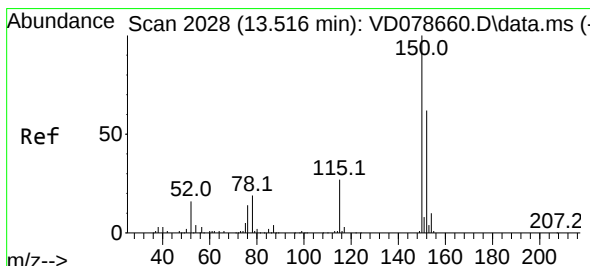
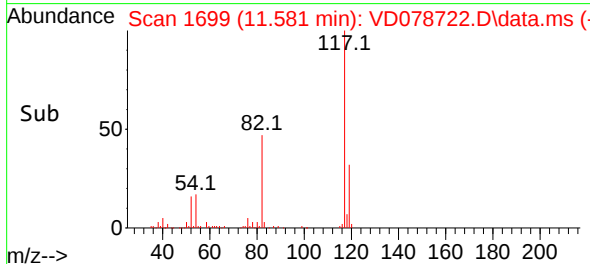
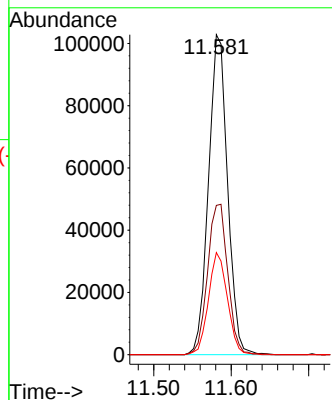
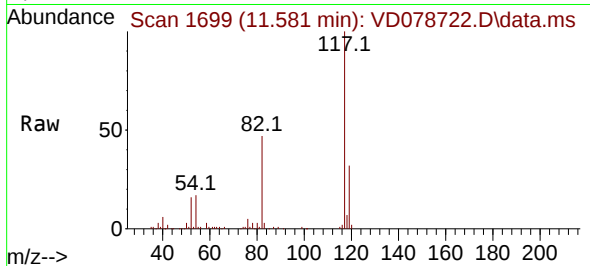




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078722.D
Acq: 21 Mar 2024 11:10

Instrument :
MSVOA_D
ClientSampleId :
VD0321SBL02

Tgt Ion:117 Resp: 175429
Ion Ratio Lower Upper
117 100
82 46.7 41.4 62.2
119 31.9 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD078722.D
Acq: 21 Mar 2024 11:10

Tgt Ion:152 Resp: 72470
Ion Ratio Lower Upper
152 100
115 54.4 27.1 81.2
150 156.6 0.0 350.2

