

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122023\
 Data File : VD077996.D
 Acq On : 20 Dec 2023 15:29
 Operator : RP/MD
 Sample : 05827-09RE
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-SB-09-10.5-11.5RE

Quant Time: Dec 21 05:25:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	34152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	60889	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	59772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	23342	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	22724	56.467	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.940%
35) Dibromofluoromethane	7.804	113	22328	52.351	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.700%
50) Toluene-d8	10.275	98	76883	45.008	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.020%
62) 4-Bromofluorobenzene	12.575	95	21955	42.989	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.980%

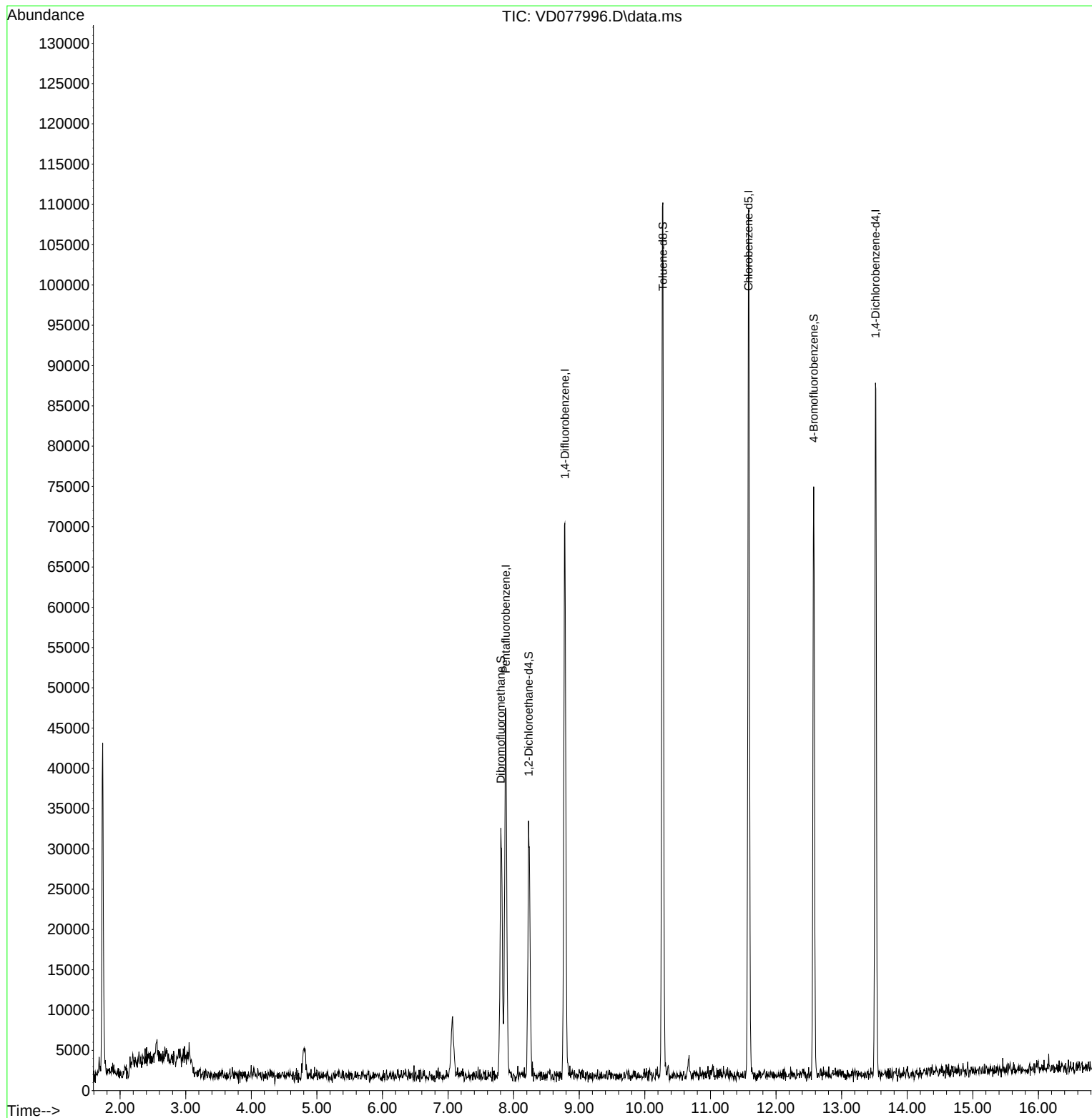
Target Compounds	Qvalue

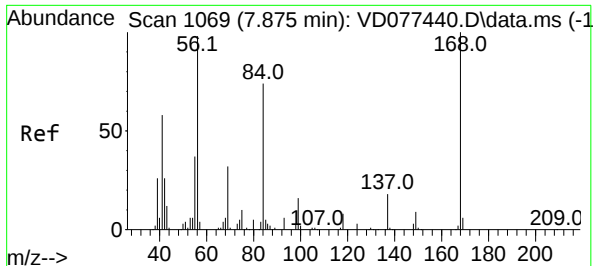
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122023\
Data File : VD077996.D
Acq On : 20 Dec 2023 15:29
Operator : RP/MD
Sample : 05827-09RE
Misc : 5.00G/5.0ml/MSVOA_D/SOIL/B
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RT-SB-09-10.5-11.5RE

Quant Time: Dec 21 05:25:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 14:48:10 2023
Response via : Initial Calibration

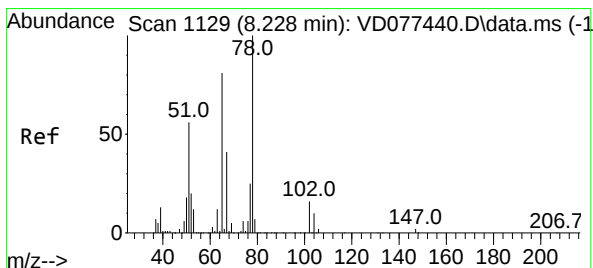
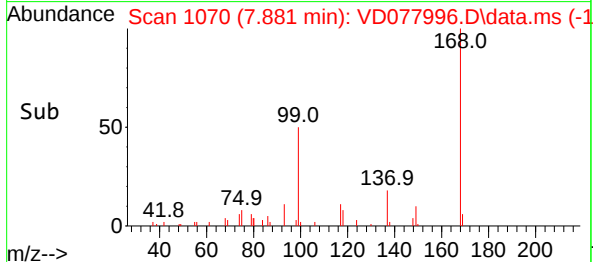
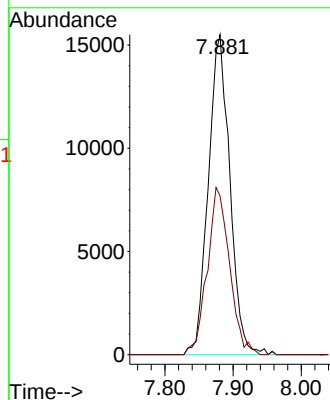
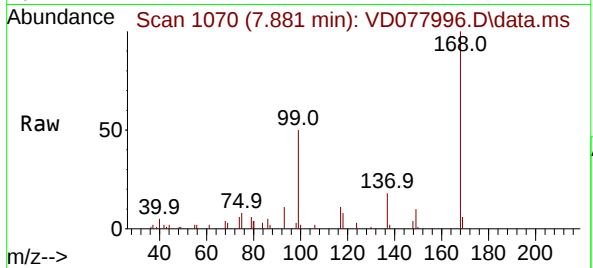




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD077996.D
Acq: 20 Dec 2023 15:29

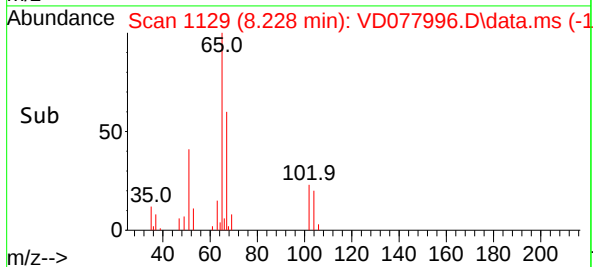
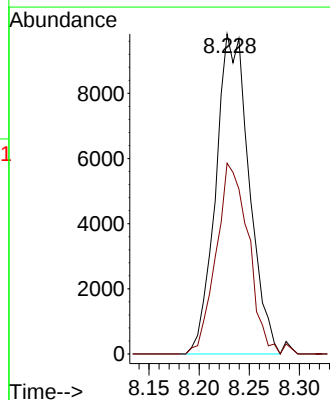
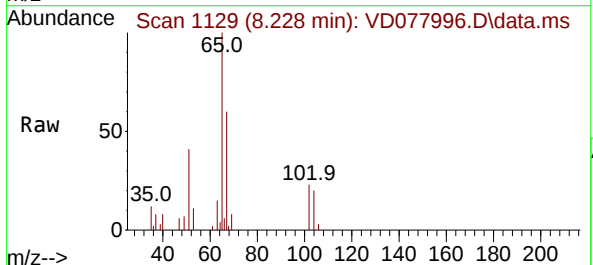
Instrument :
MSVOA_D
ClientSampleId :
RT-SB-09-10.5-11.5RE

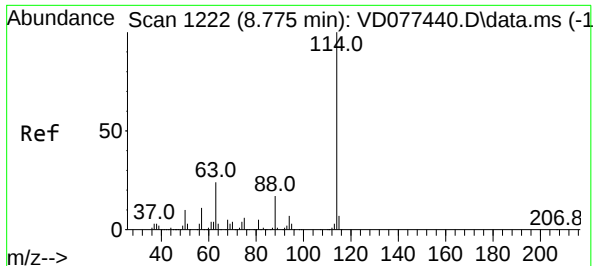
Tgt Ion:168 Resp: 34152
Ion Ratio Lower Upper
168 100
99 49.6 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 56.467 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD077996.D
Acq: 20 Dec 2023 15:29

Tgt Ion: 65 Resp: 22724
Ion Ratio Lower Upper
65 100
67 57.5 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077996.D

Acq: 20 Dec 2023 15:29

Instrument :

MSVOA_D

ClientSampleId :

RT-SB-09-10.5-11.5RE

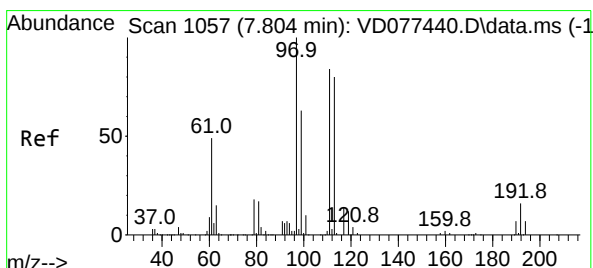
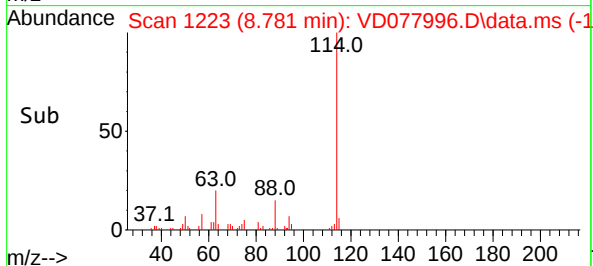
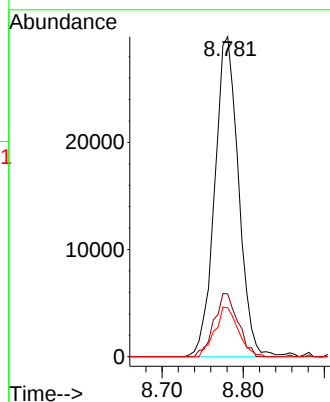
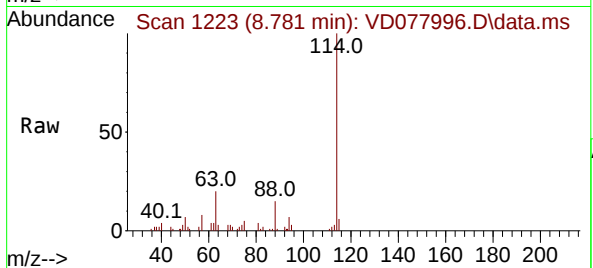
Tgt Ion:114 Resp: 60889

Ion Ratio Lower Upper

114 100

63 19.6 0.0 33.4

88 15.3 0.0 26.2



#35

Dibromofluoromethane

Concen: 52.351 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077996.D

Acq: 20 Dec 2023 15:29

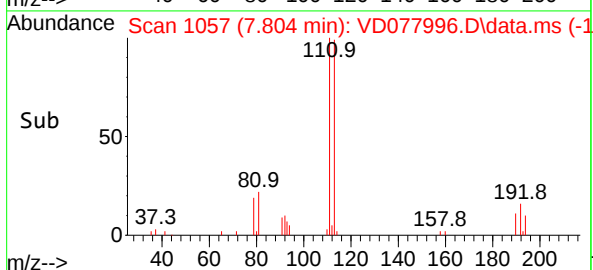
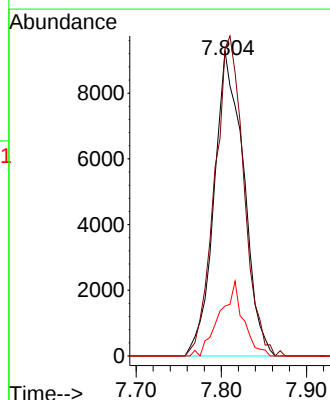
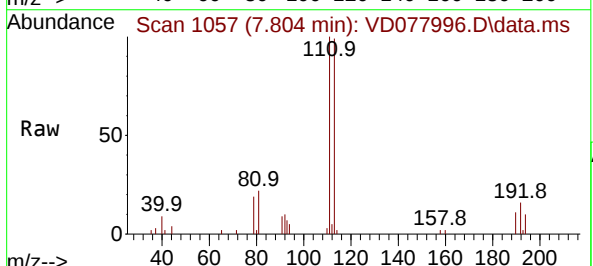
Tgt Ion:113 Resp: 22328

Ion Ratio Lower Upper

113 100

111 103.5 84.7 127.1

192 19.6 16.8 25.2

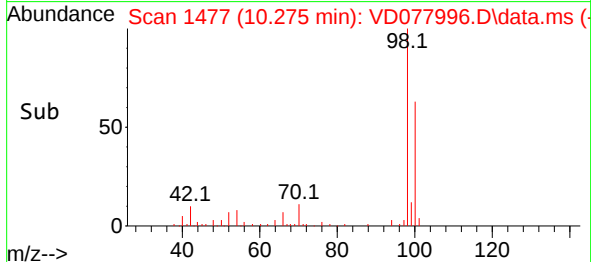
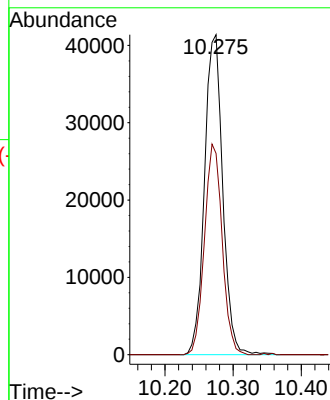
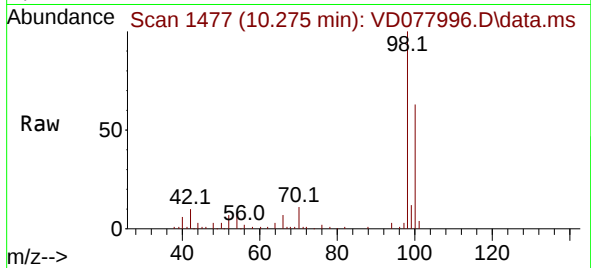




#50
Toluene-d8
Concen: 45.008 ug/l
RT: 10.275 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD077996.D
Acq: 20 Dec 2023 15:29

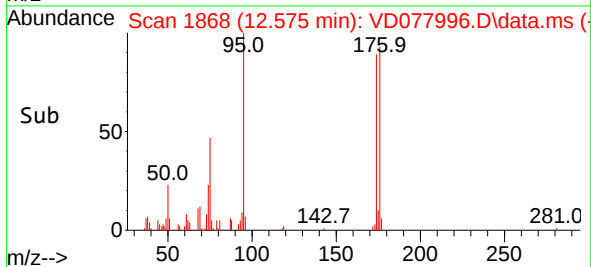
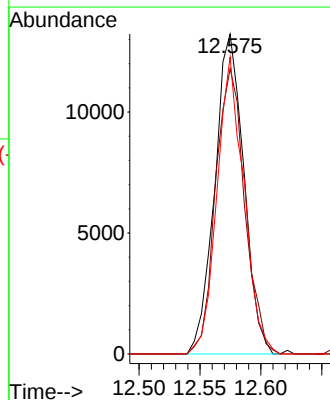
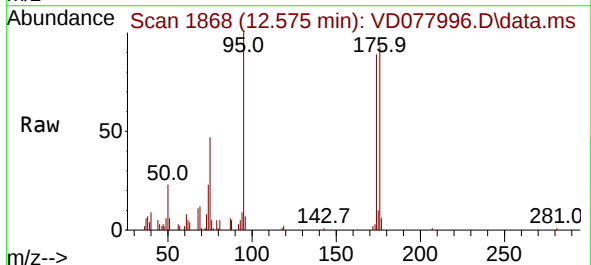
Instrument :
MSVOA_D
ClientSampleId :
RT-SB-09-10.5-11.5RE

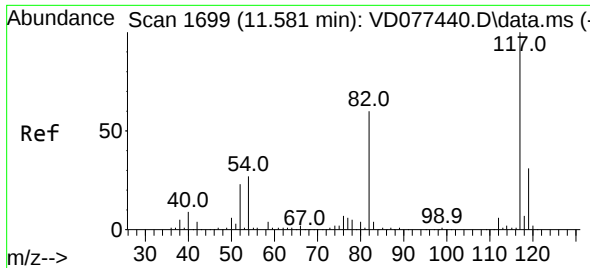
Tgt Ion: 98 Resp: 76883
Ion Ratio Lower Upper
98 100
100 64.0 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 42.989 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077996.D
Acq: 20 Dec 2023 15:29

Tgt Ion: 95 Resp: 21955
Ion Ratio Lower Upper
95 100
174 89.4 0.0 201.8
176 85.9 0.0 191.8

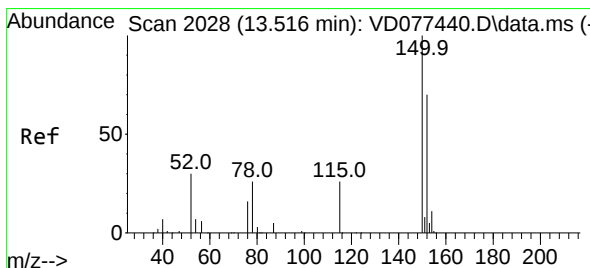
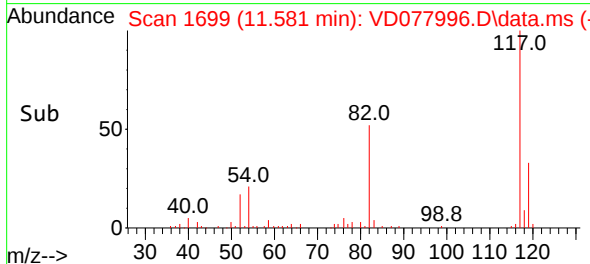
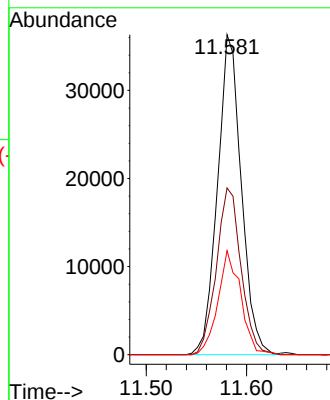
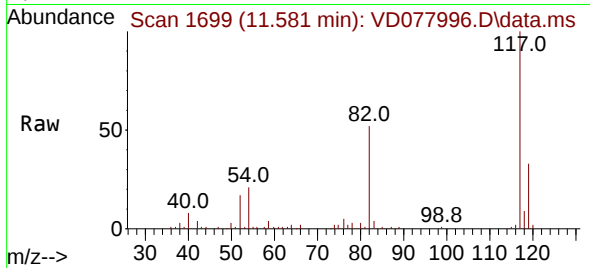




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077996.D
Acq: 20 Dec 2023 15:29

Instrument :
MSVOA_D
ClientSampleId :
RT-SB-09-10.5-11.5RE

Tgt Ion:117	Resp:	59772
Ion	Ratio	Lower Upper
117	100	
82	52.1	38.3 57.5
119	32.5	25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD077996.D
Acq: 20 Dec 2023 15:29

Tgt Ion:152	Resp:	23342
Ion	Ratio	Lower Upper
152	100	
115	55.2	27.1 81.3
150	159.8	0.0 353.6

