

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122223\
 Data File : VD078064.D
 Acq On : 22 Dec 2023 15:19
 Operator : RP/MD
 Sample : 05879-02
 Misc : 1.22G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COLZ1

Quant Time: Dec 23 03:37:41 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	156995	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	272576	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	230541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	74881	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	67547	36.513	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	73.020%
35) Dibromofluoromethane	7.811	113	82099	43.000	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.000%
50) Toluene-d8	10.269	98	336882	44.054	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.100%
62) 4-Bromofluorobenzene	12.575	95	76488	33.456	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	66.920%

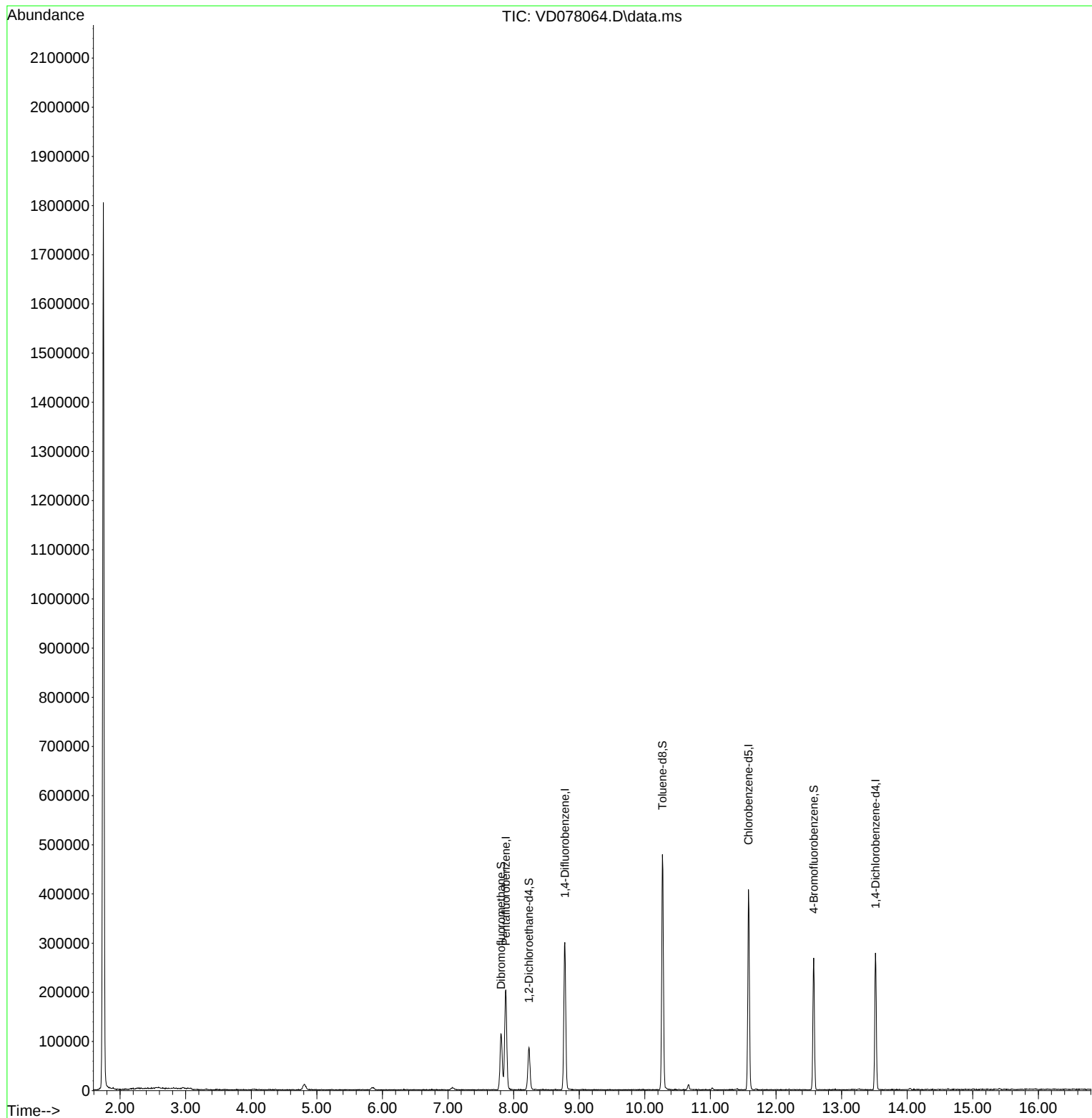
Target Compounds	Qvalue

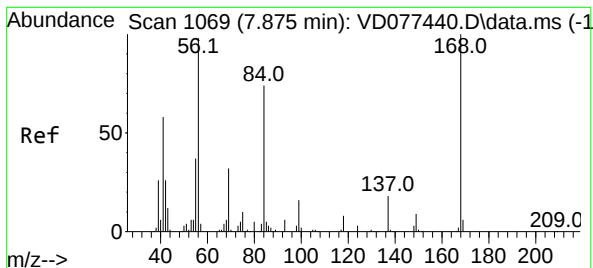
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122223\
Data File : VD078064.D
Acq On : 22 Dec 2023 15:19
Operator : RP/MD
Sample : 05879-02
Misc : 1.22G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
COLZ1

Quant Time: Dec 23 03:37:41 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

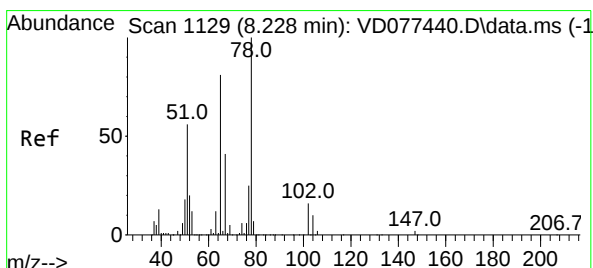
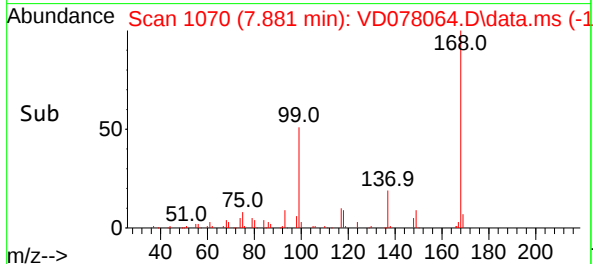
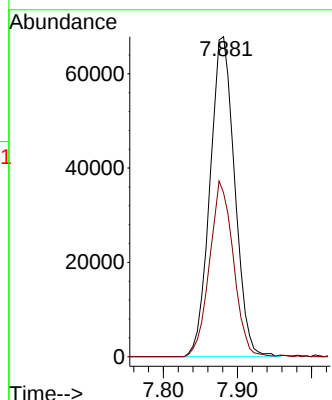
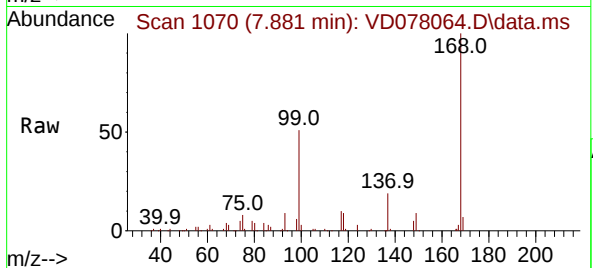




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD078064.D
Acq: 22 Dec 2023 15:19

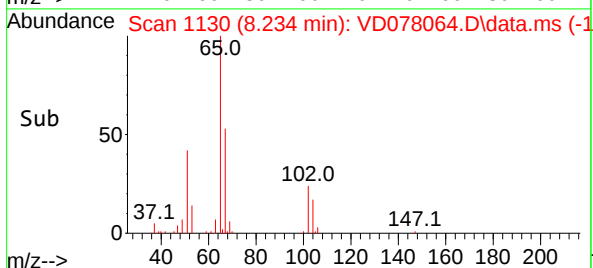
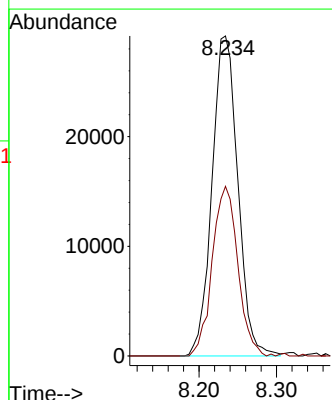
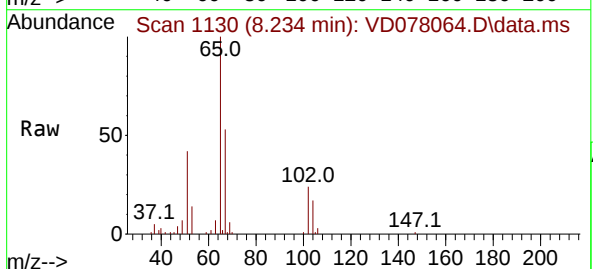
Instrument :
MSVOA_D
ClientSampleId :
COLZ1

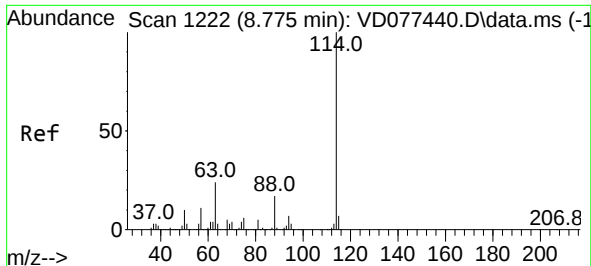
Tgt Ion:168 Resp: 156995
Ion Ratio Lower Upper
168 100
99 51.2 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 36.513 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD078064.D
Acq: 22 Dec 2023 15:19

Tgt Ion: 65 Resp: 67547
Ion Ratio Lower Upper
65 100
67 52.5 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: VD078064.D

Acq: 22 Dec 2023 15:19

Instrument :

MSVOA_D

ClientSampleId :

COLZ1

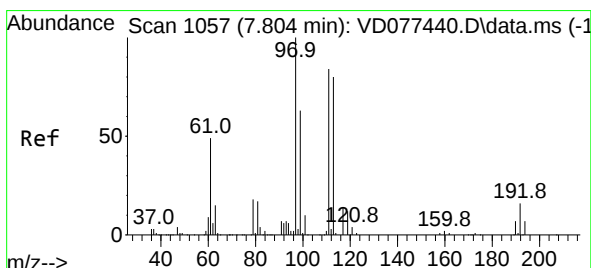
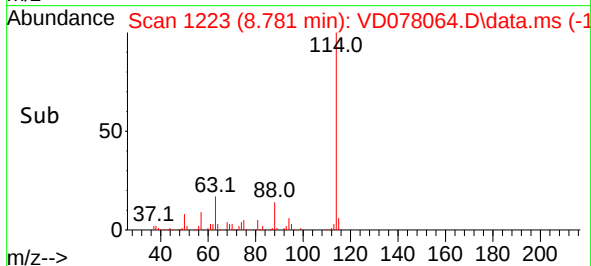
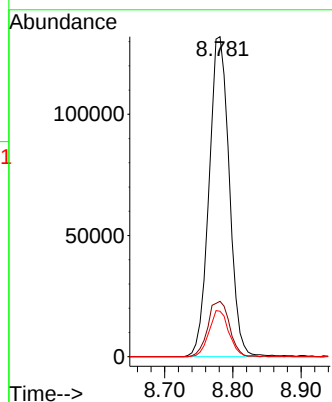
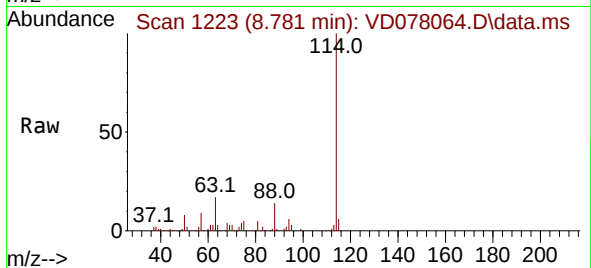
Tgt Ion:114 Resp: 272576

Ion Ratio Lower Upper

114 100

63 17.3 0.0 33.4

88 14.2 0.0 26.2



#35

Dibromofluoromethane

Concen: 43.000 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.007 min

Lab File: VD078064.D

Acq: 22 Dec 2023 15:19

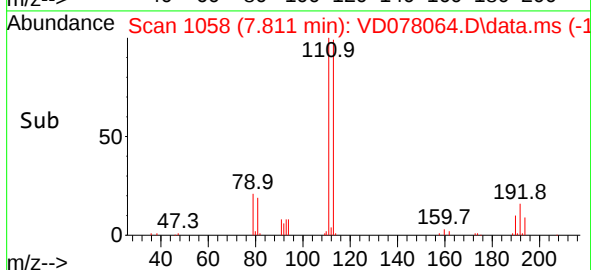
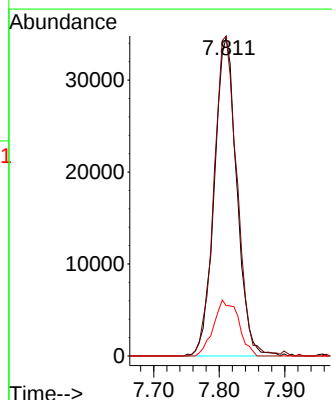
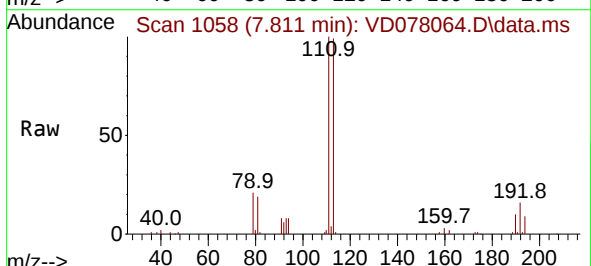
Tgt Ion:113 Resp: 82099

Ion Ratio Lower Upper

113 100

111 102.7 84.7 127.1

192 19.6 16.8 25.2

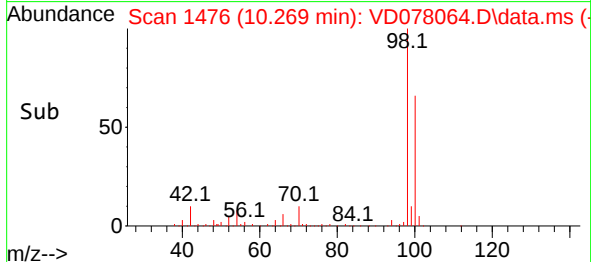
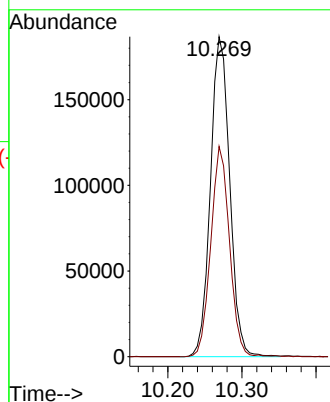
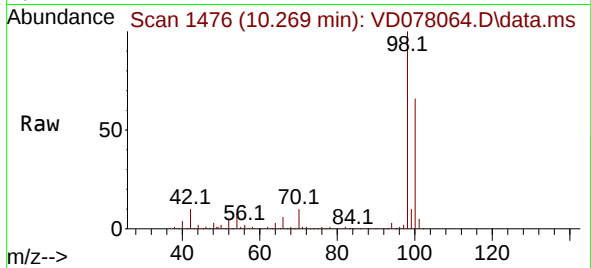




#50
Toluene-d8
Concen: 44.054 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078064.D
Acq: 22 Dec 2023 15:19

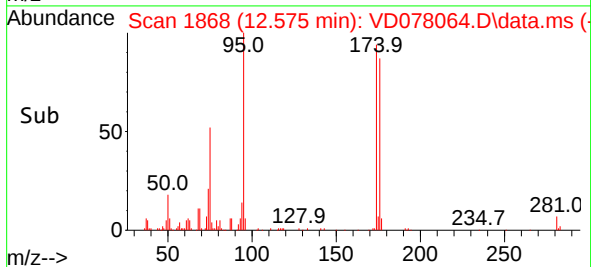
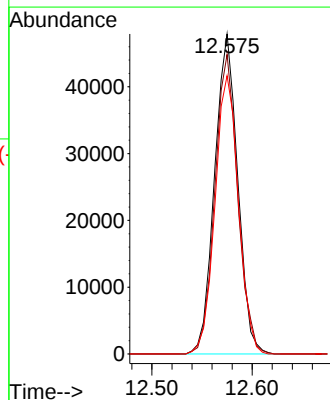
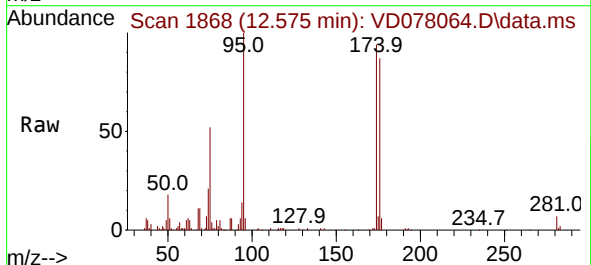
Instrument :
MSVOA_D
ClientSampleId :
COLZ1

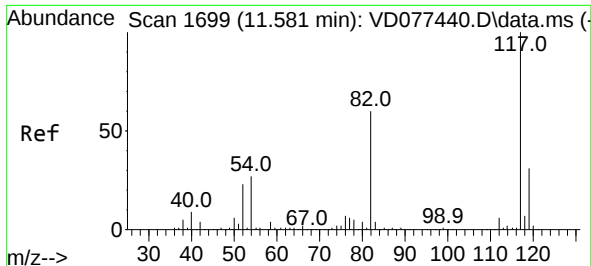
Tgt Ion: 98 Resp: 336882
Ion Ratio Lower Upper
98 100
100 63.9 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 33.456 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078064.D
Acq: 22 Dec 2023 15:19

Tgt Ion: 95 Resp: 76488
Ion Ratio Lower Upper
95 100
174 92.5 0.0 201.8
176 88.5 0.0 191.8

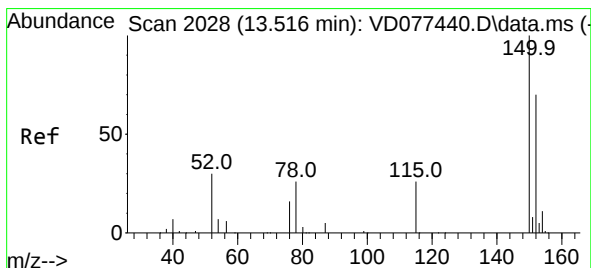
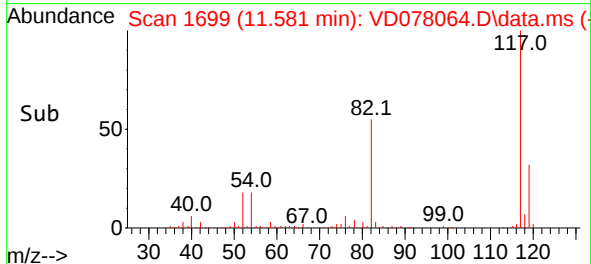
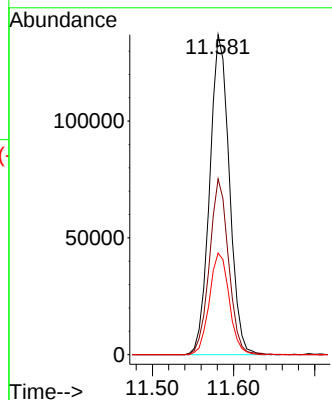
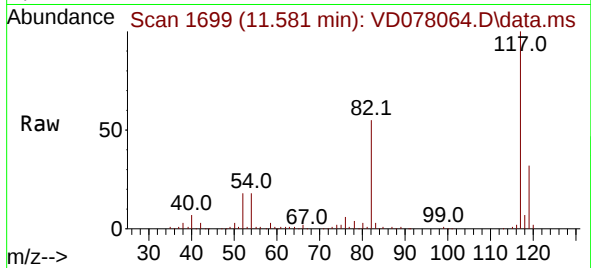




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078064.D
Acq: 22 Dec 2023 15:19

Instrument :
MSVOA_D
ClientSampleId :
COLZ1

Tgt Ion:117 Resp: 230541
Ion Ratio Lower Upper
117 100
82 55.0 38.3 57.5
119 31.7 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: VD078064.D
Acq: 22 Dec 2023 15:19

Tgt Ion:152 Resp: 74881
Ion Ratio Lower Upper
152 100
115 55.8 27.1 81.3
150 160.1 0.0 353.6

