

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122023\
 Data File : VD078018.D
 Acq On : 21 Dec 2023 03:34
 Operator : RP/MD
 Sample : 05876-08
 Misc : 2.54G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COLX2

Quant Time: Dec 21 05:35:22 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	157345	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	278455	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	245269	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	94883	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	71195	38.399	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	76.800%
35) Dibromofluoromethane	7.810	113	84643	43.396	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.800%
50) Toluene-d8	10.269	98	348758	44.644	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.280%
62) 4-Bromofluorobenzene	12.575	95	89893	38.489	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.980%

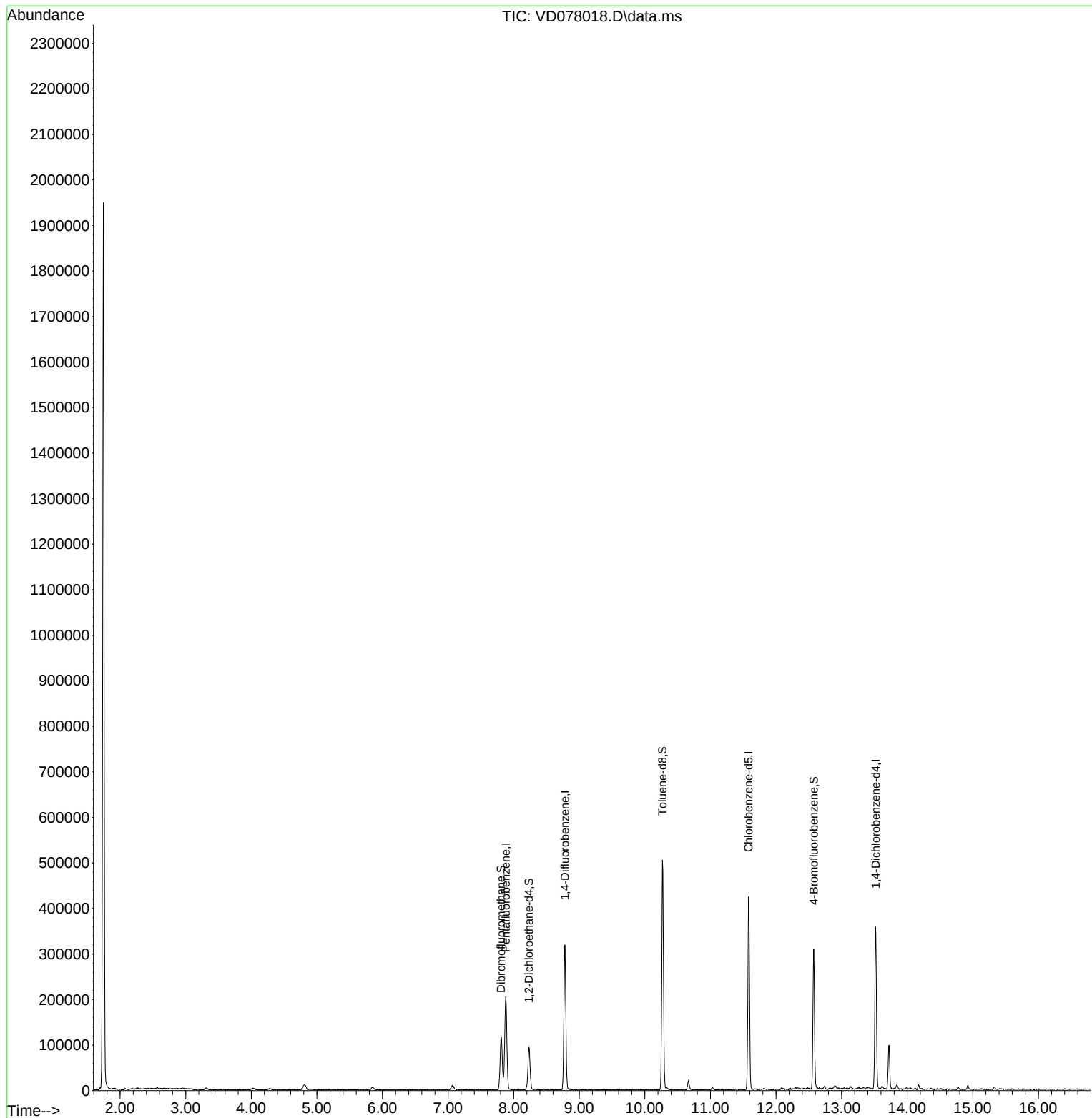
Target Compounds	Qvalue

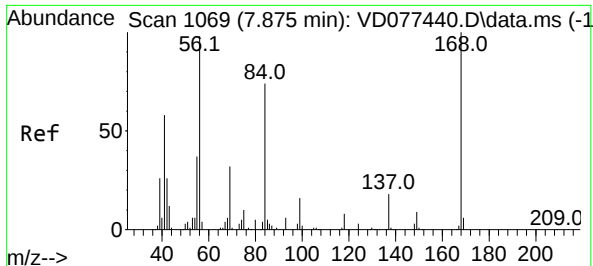
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122023\
Data File : VD078018.D
Acq On : 21 Dec 2023 03:34
Operator : RP/MD
Sample : 05876-08
Misc : 2.54G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
COLX2

Quant Time: Dec 21 05:35:22 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

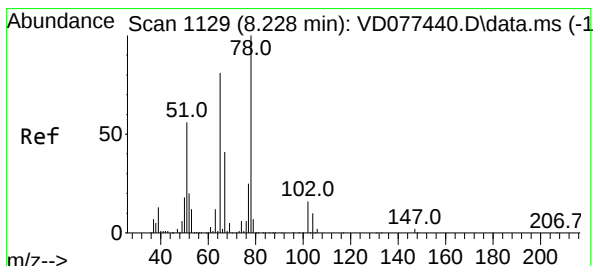
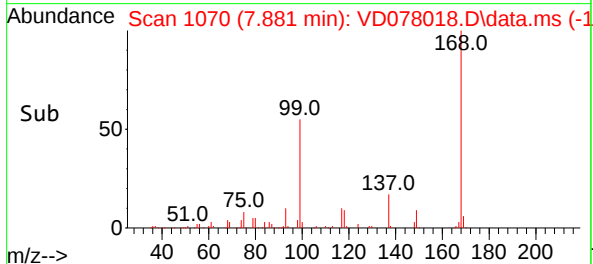
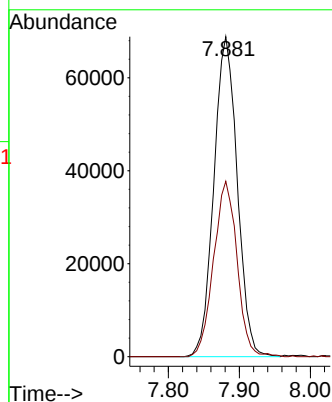
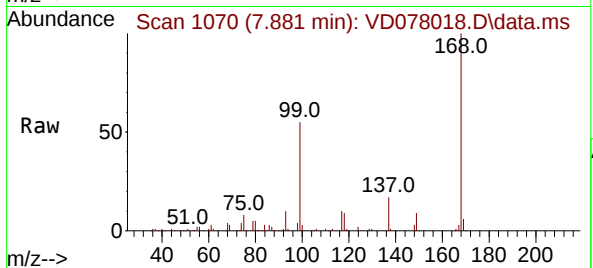




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD078018.D
Acq: 21 Dec 2023 03:34

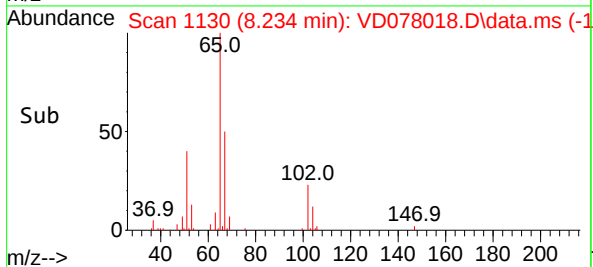
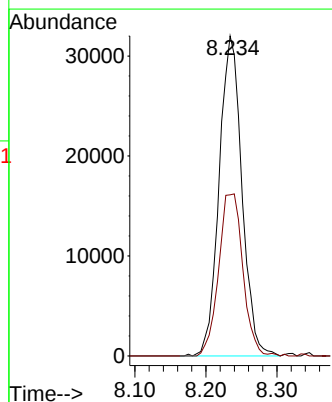
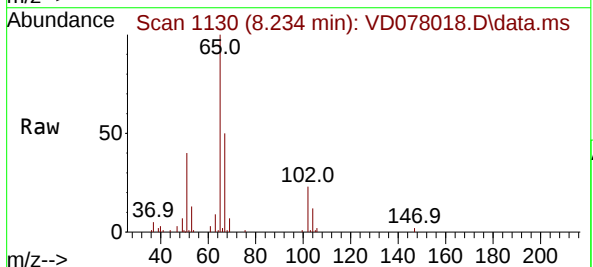
Instrument :
MSVOA_D
ClientSampleId :
COLX2

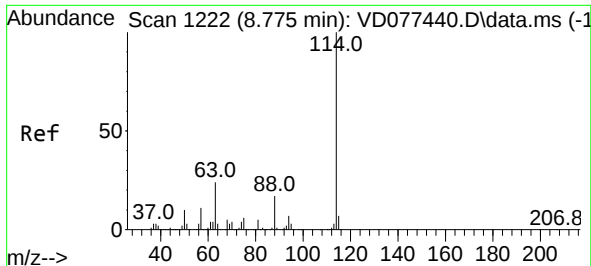
Tgt Ion:168 Resp: 157345
Ion Ratio Lower Upper
168 100
99 54.8 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 38.399 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD078018.D
Acq: 21 Dec 2023 03:34

Tgt Ion: 65 Resp: 71195
Ion Ratio Lower Upper
65 100
67 54.0 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: VD078018.D

Acq: 21 Dec 2023 03:34

Instrument :

MSVOA_D

ClientSampleId :

COLX2

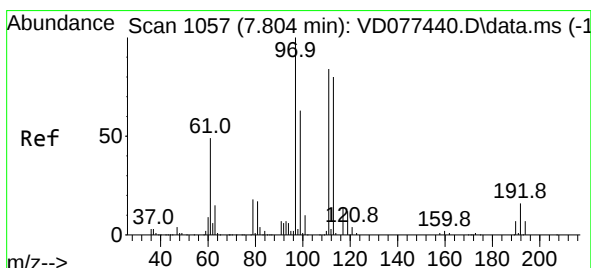
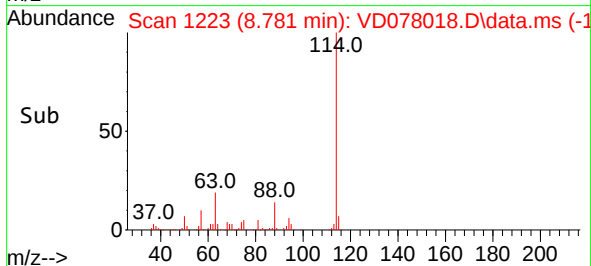
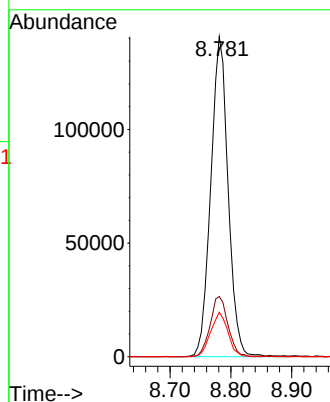
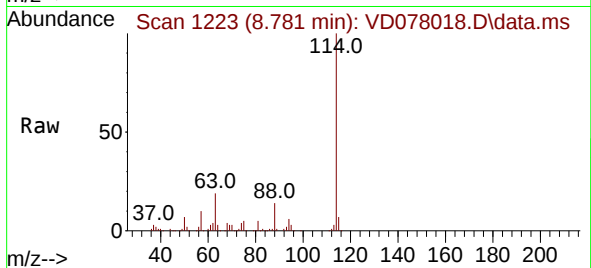
Tgt Ion:114 Resp: 278455

Ion Ratio Lower Upper

114 100

63 18.8 0.0 33.4

88 13.9 0.0 26.2



#35

Dibromofluoromethane

Concen: 43.396 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078018.D

Acq: 21 Dec 2023 03:34

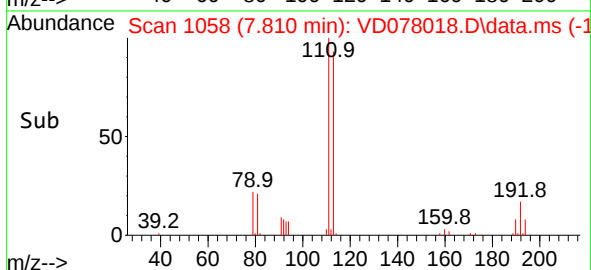
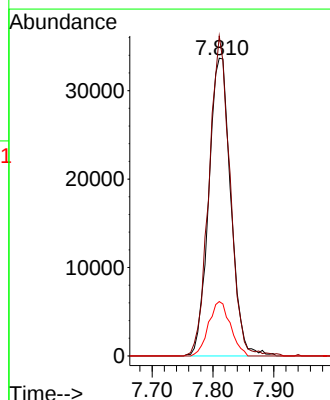
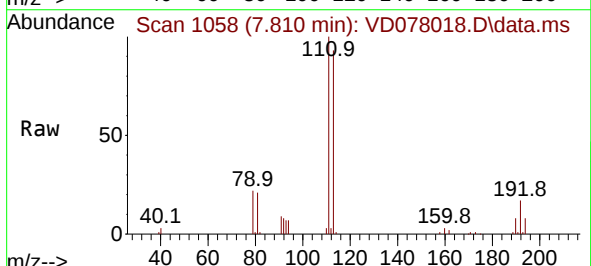
Tgt Ion:113 Resp: 84643

Ion Ratio Lower Upper

113 100

111 102.8 84.7 127.1

192 18.1 16.8 25.2

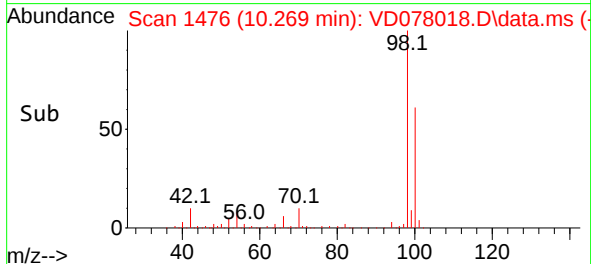
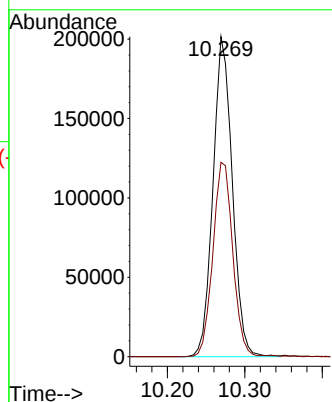
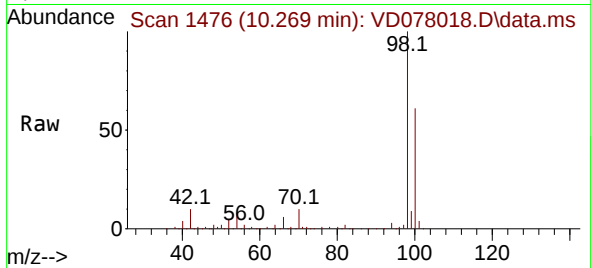




#50
Toluene-d8
Concen: 44.644 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078018.D
Acq: 21 Dec 2023 03:34

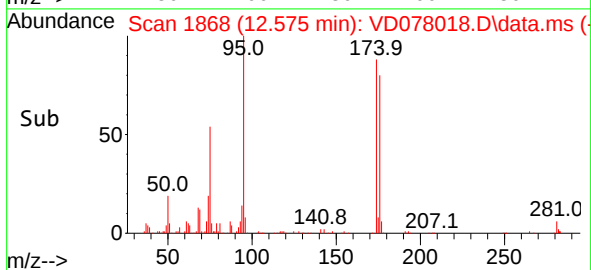
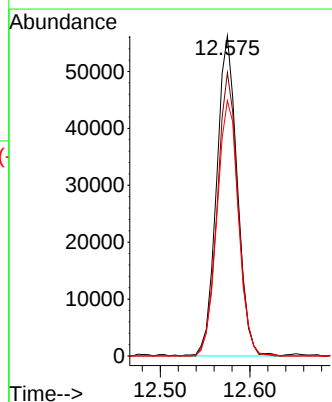
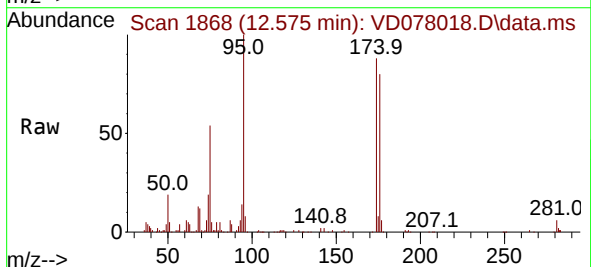
Instrument :
MSVOA_D
ClientSampleId :
COLX2

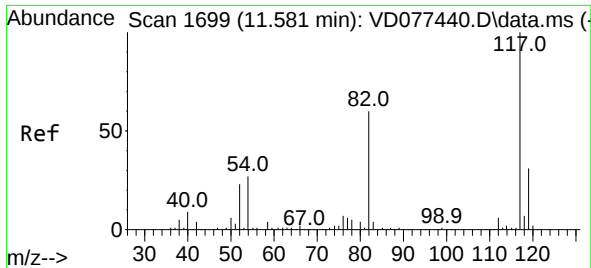
Tgt Ion: 98 Resp: 348758
Ion Ratio Lower Upper
98 100
100 62.4 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 38.489 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078018.D
Acq: 21 Dec 2023 03:34

Tgt Ion: 95 Resp: 89893
Ion Ratio Lower Upper
95 100
174 88.7 0.0 201.8
176 83.1 0.0 191.8

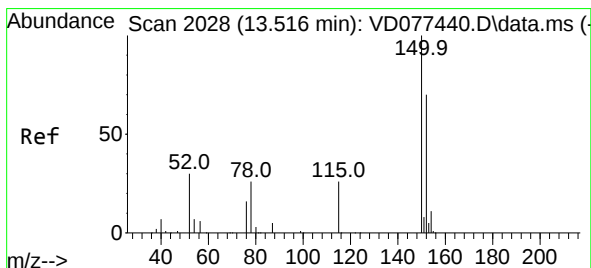
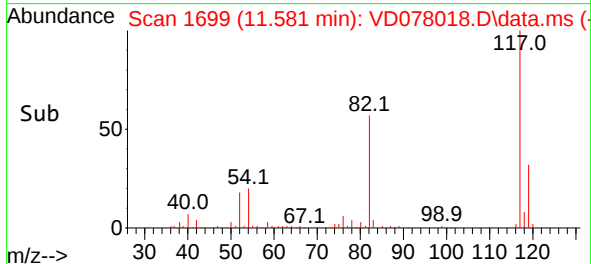
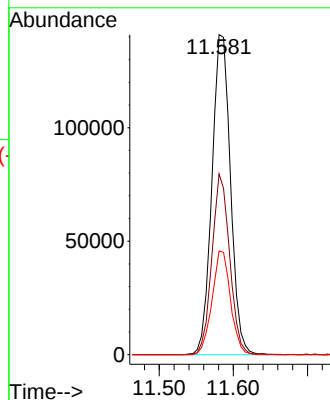
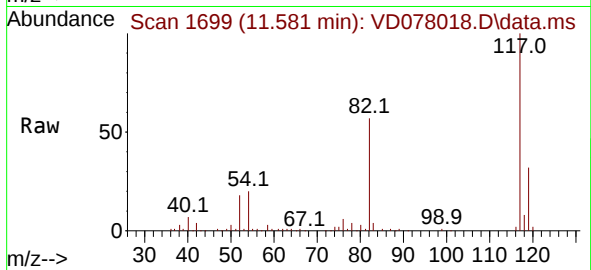




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078018.D
Acq: 21 Dec 2023 03:34

Instrument :
MSVOA_D
ClientSampleId :
COLX2

Tgt Ion:117 Resp: 245269
Ion Ratio Lower Upper
117 100
82 56.5 38.3 57.5
119 32.4 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: VD078018.D
Acq: 21 Dec 2023 03:34

Tgt Ion:152 Resp: 94883
Ion Ratio Lower Upper
152 100
115 57.4 27.1 81.3
150 159.9 0.0 353.6

