

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122023\
 Data File : VD078016.D
 Acq On : 21 Dec 2023 02:40
 Operator : RP/MD
 Sample : 05876-06
 Misc : 4.36G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COLX0

Quant Time: Dec 21 05:34:43 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	174345	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	309843	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	297677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	129608	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	83203	40.500	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.000%
35) Dibromofluoromethane	7.810	113	92479	42.610	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.220%
50) Toluene-d8	10.269	98	402381	46.290	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.580%
62) 4-Bromofluorobenzene	12.575	95	113826	43.799	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.600%

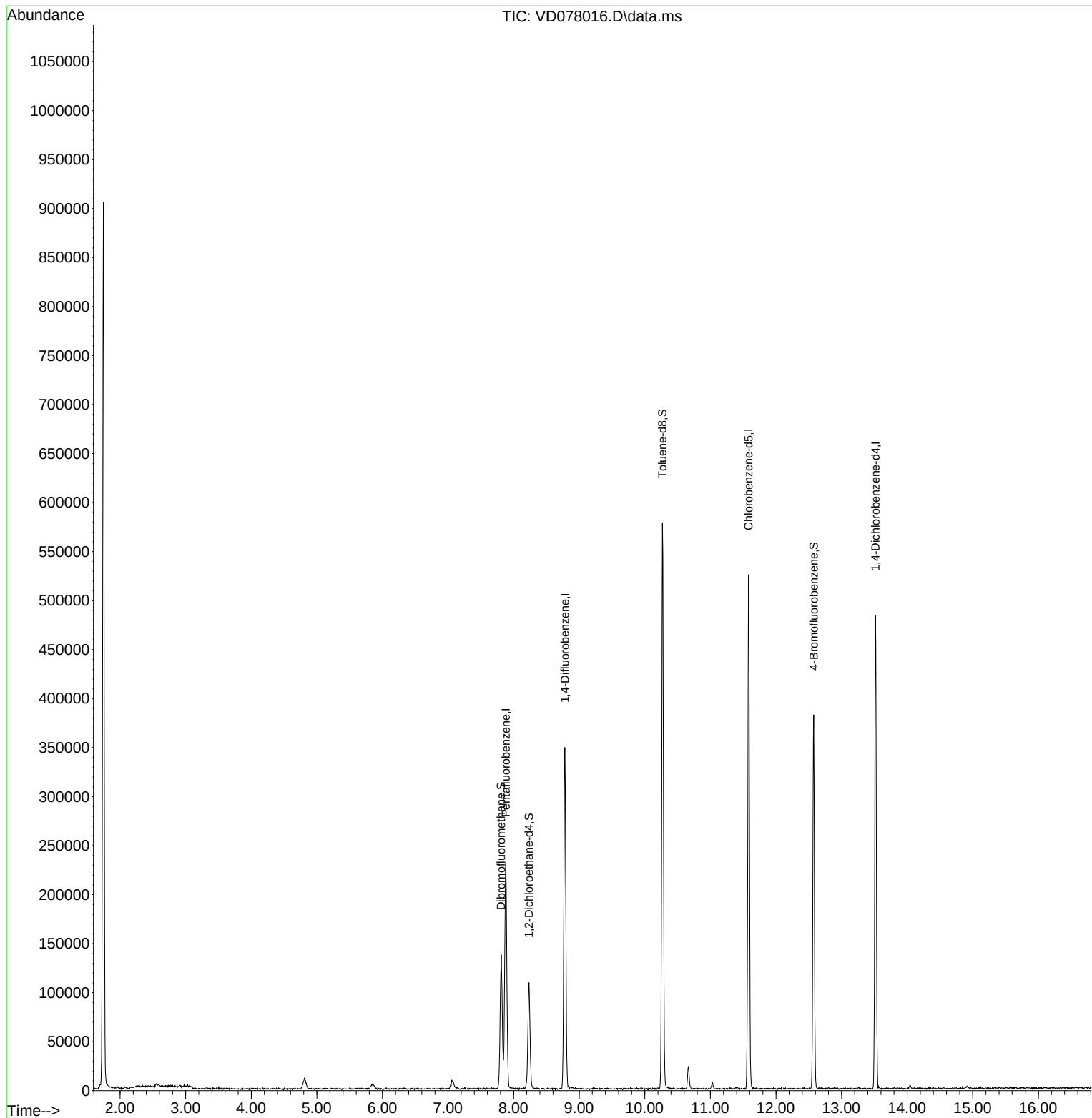
Target Compounds	Qvalue

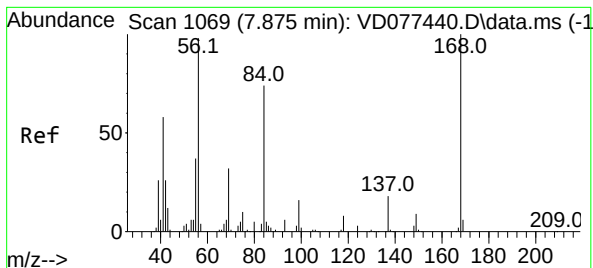
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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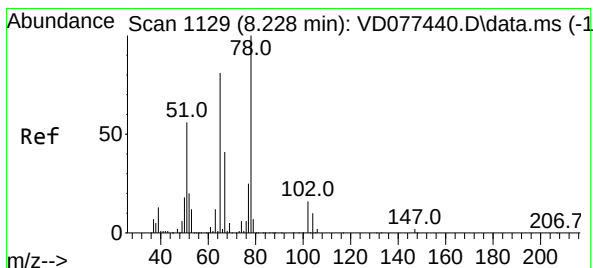
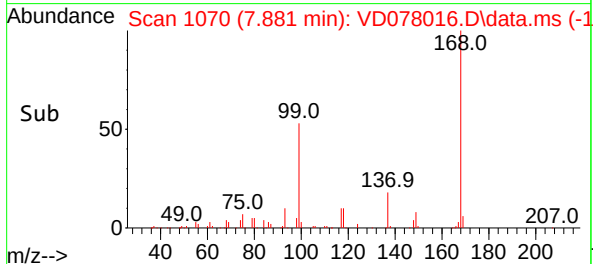
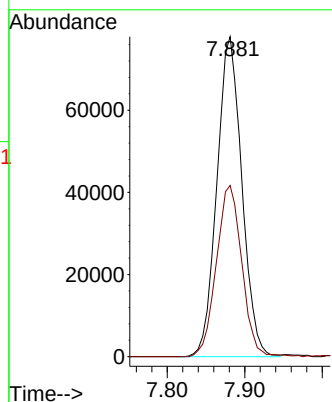
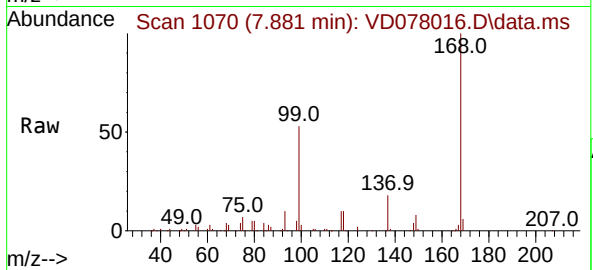




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD078016.D
Acq: 21 Dec 2023 02:40

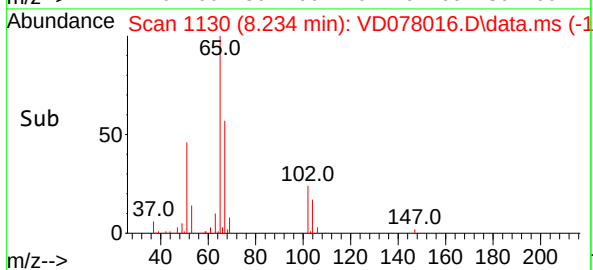
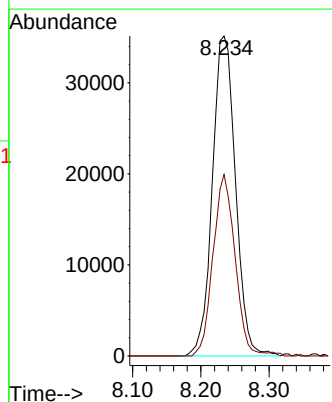
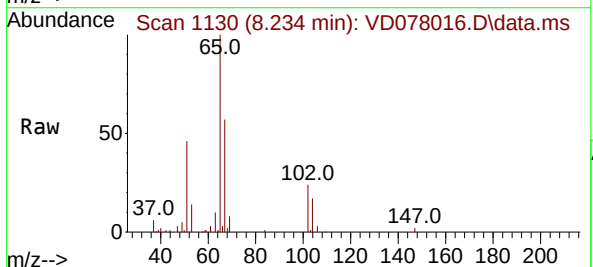
Instrument :
MSVOA_D
ClientSampleId :
COLX0

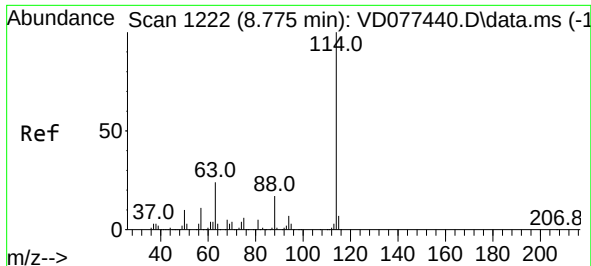
Tgt Ion:168 Resp: 174345
Ion Ratio Lower Upper
168 100
99 53.5 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 40.500 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD078016.D
Acq: 21 Dec 2023 02:40

Tgt Ion: 65 Resp: 83203
Ion Ratio Lower Upper
65 100
67 53.6 0.0 115.0

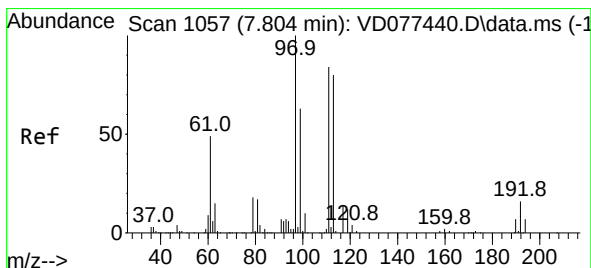
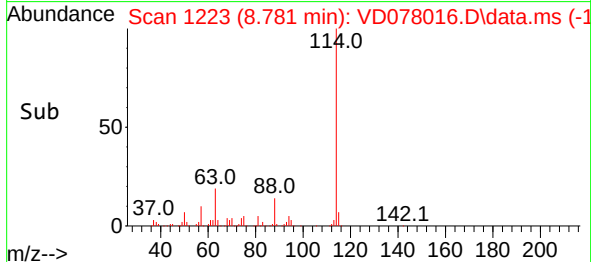
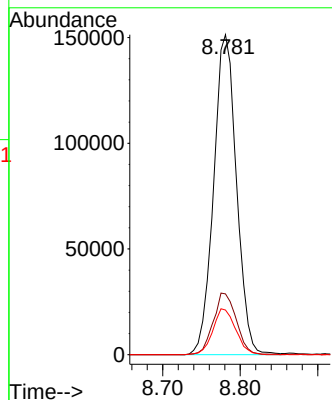
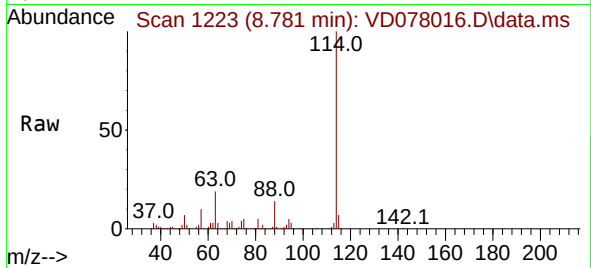




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078016.D
Acq: 21 Dec 2023 02:40

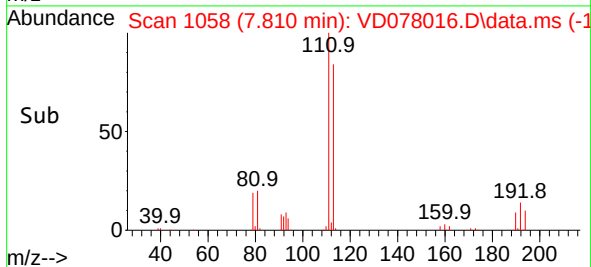
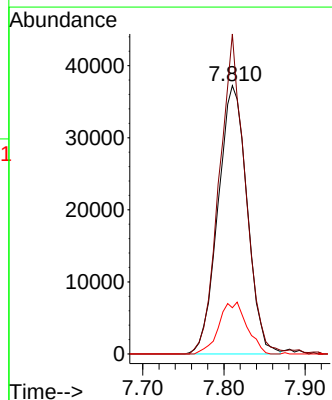
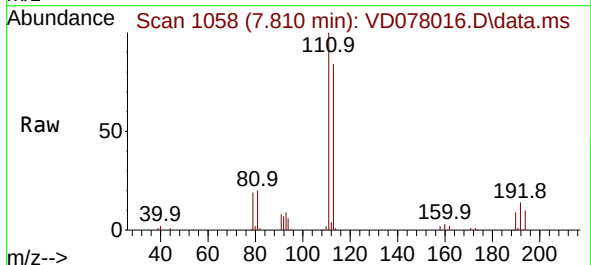
Instrument :
MSVOA_D
ClientSampleId :
COLX0

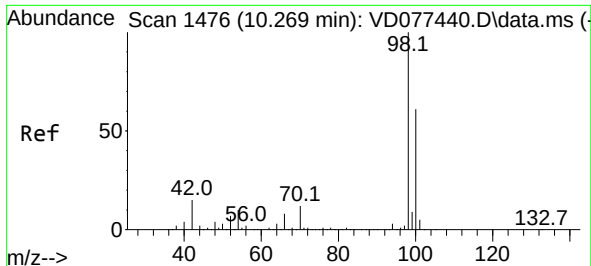
Tgt Ion:114 Resp: 309843
Ion Ratio Lower Upper
114 100
63 19.0 0.0 33.4
88 13.9 0.0 26.2



#35
Dibromofluoromethane
Concen: 42.610 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD078016.D
Acq: 21 Dec 2023 02:40

Tgt Ion:113 Resp: 92479
Ion Ratio Lower Upper
113 100
111 106.4 84.7 127.1
192 18.7 16.8 25.2

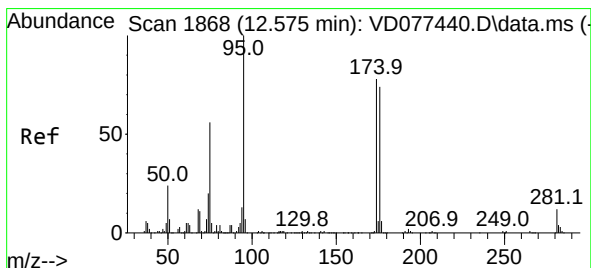
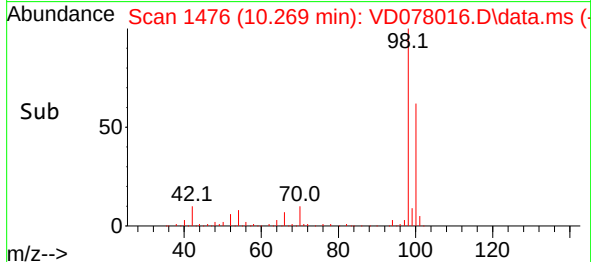
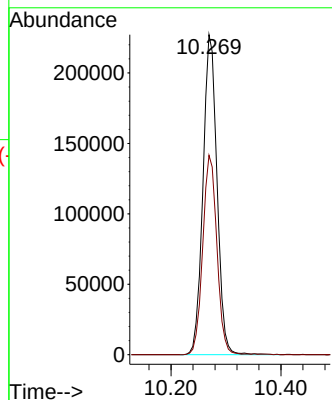
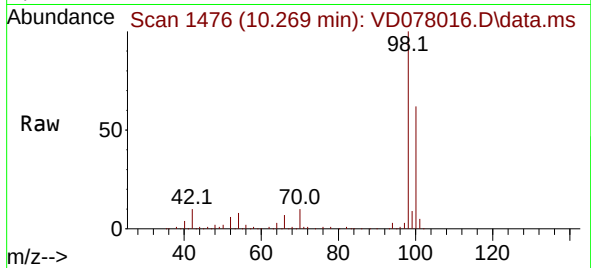




#50
Toluene-d8
Concen: 46.290 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078016.D
Acq: 21 Dec 2023 02:40

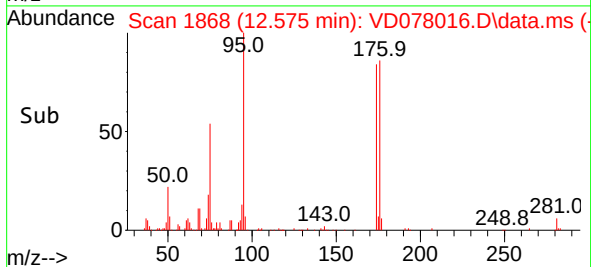
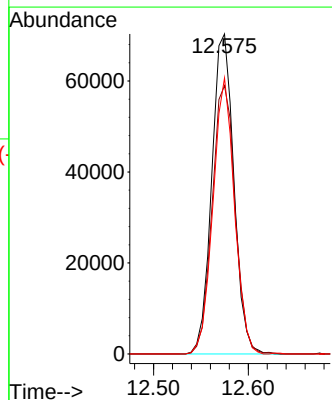
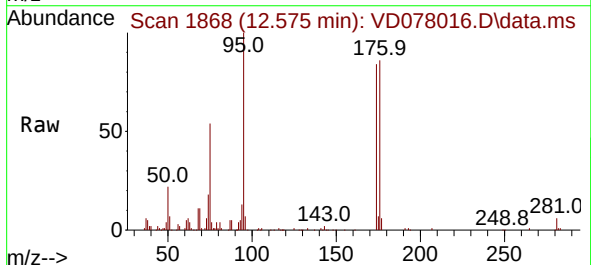
Instrument :
MSVOA_D
ClientSampleId :
COLX0

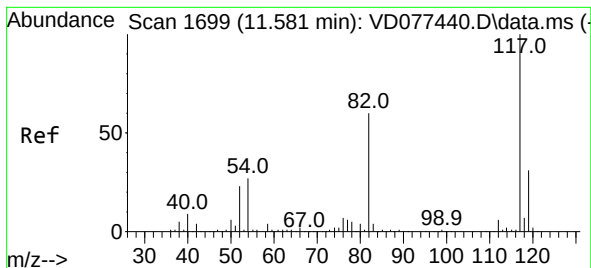
Tgt Ion: 98 Resp: 402381
Ion Ratio Lower Upper
98 100
100 62.9 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 43.799 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078016.D
Acq: 21 Dec 2023 02:40

Tgt Ion: 95 Resp: 113826
Ion Ratio Lower Upper
95 100
174 87.6 0.0 201.8
176 83.9 0.0 191.8

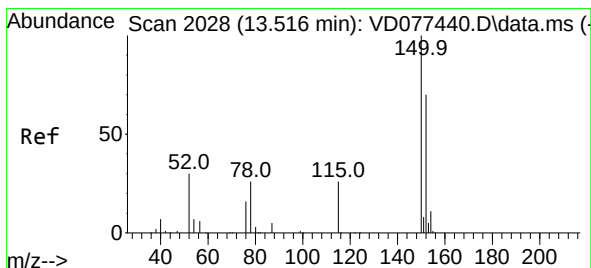
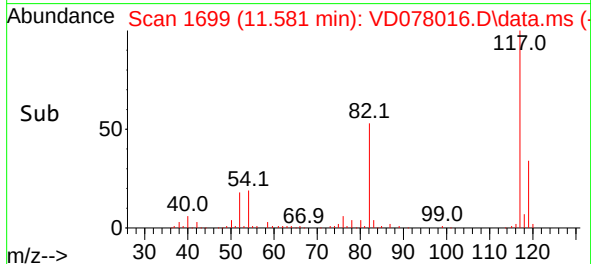
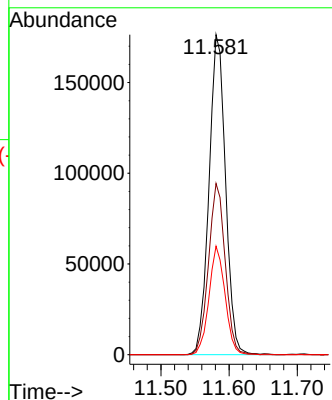
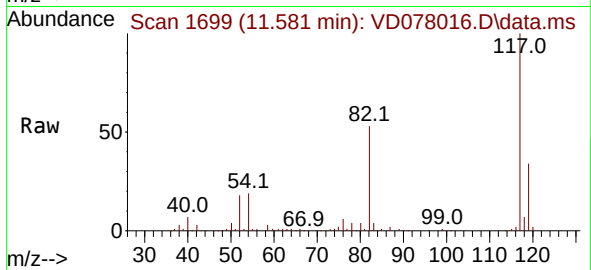




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078016.D
Acq: 21 Dec 2023 02:40

Instrument :
MSVOA_D
ClientSampleId :
COLX0

Tgt Ion:117 Resp: 297677
Ion Ratio Lower Upper
117 100
82 53.5 38.3 57.5
119 33.9 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: VD078016.D
Acq: 21 Dec 2023 02:40

Tgt Ion:152 Resp: 129608
Ion Ratio Lower Upper
152 100
115 57.2 27.1 81.3
150 156.4 0.0 353.6

