

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012023\
 Data File : VD075151.D
 Acq On : 20 Jan 2023 14:13
 Operator : KP/SY
 Sample : 01234-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-11923

Quant Time: Jan 23 00:31:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	254	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	599	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	503	50.000	ug/l	#-0.01
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.52

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	55	21.220	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	42.440%#
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount	50.000	Range	54 - 147	Recovery	=	0.000%#
50) Toluene-d8	10.275	98	898	63.010	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	126.020%
62) 4-Bromofluorobenzene	12.581	95	71	15.697	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	31.400%

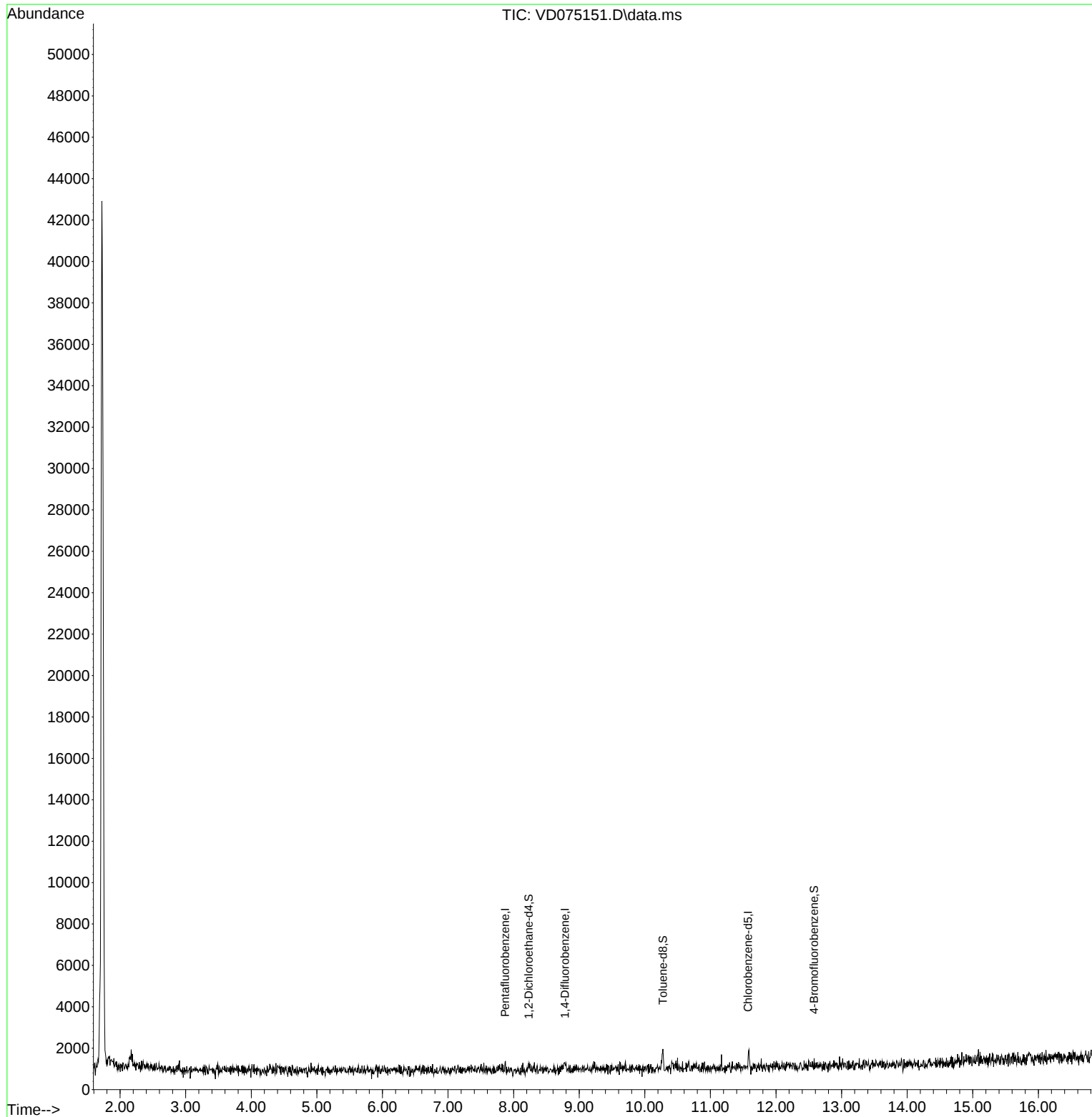
Target Compounds	Qvalue

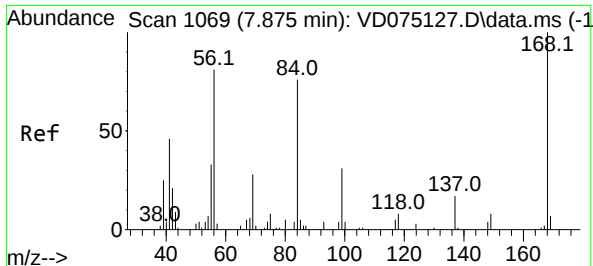
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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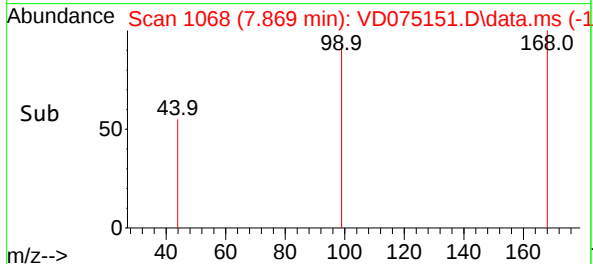
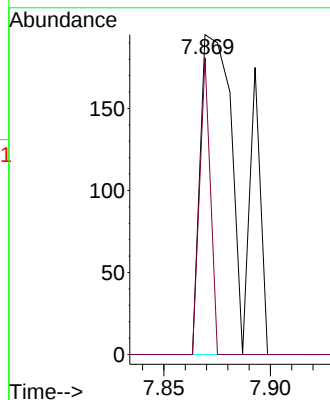
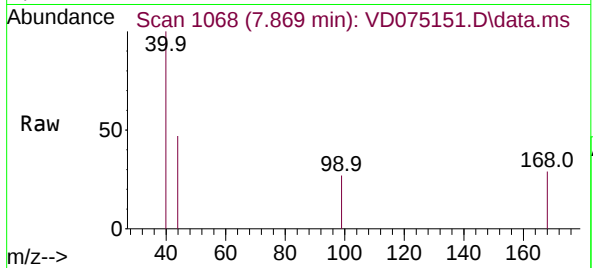




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD075151.D
Acq: 20 Jan 2023 14:13

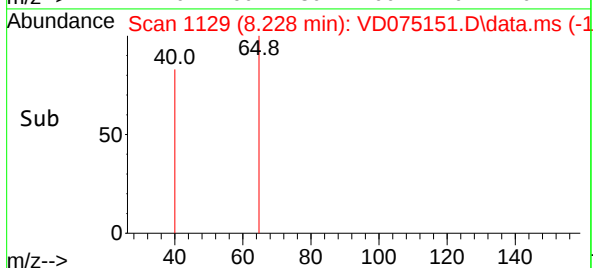
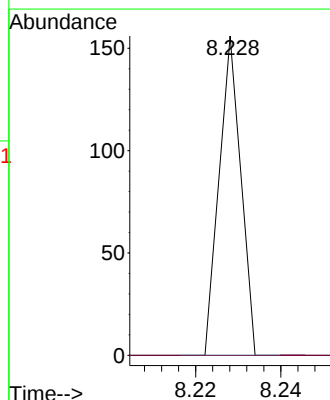
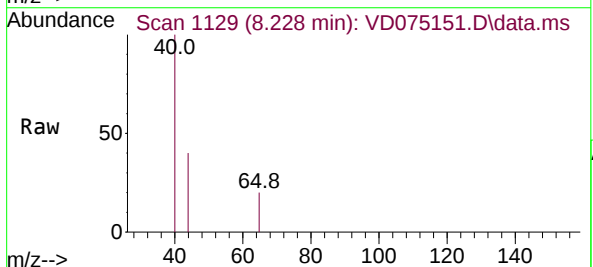
Instrument :
MSVOA_D
ClientSampleId :
EO-02-11923

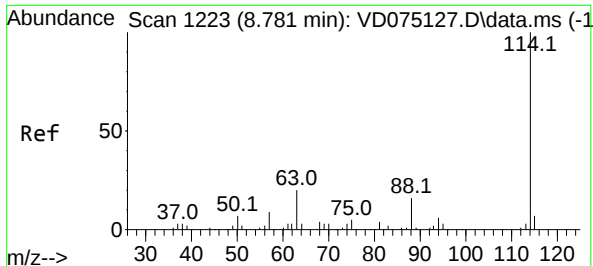
Tgt Ion:168 Resp: 254
Ion Ratio Lower Upper
168 100
99 92.8 45.2 67.8#



#33
1,2-Dichloroethane-d4
Concen: 21.220 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD075151.D
Acq: 20 Jan 2023 14:13

Tgt Ion: 65 Resp: 55
Ion Ratio Lower Upper
65 100
67 0.0 0.0 105.2

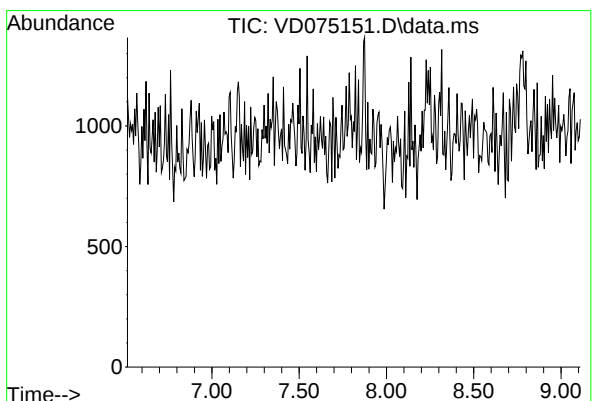
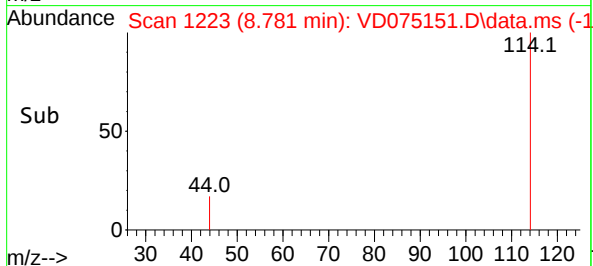
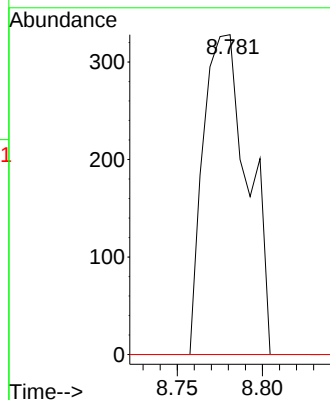
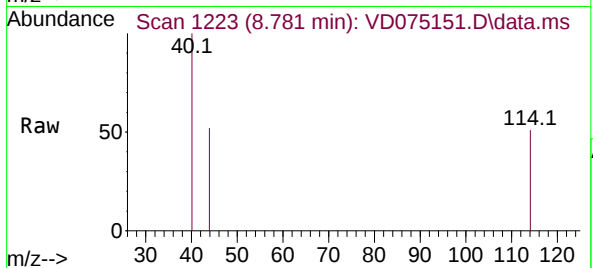




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075151.D
Acq: 20 Jan 2023 14:13

Instrument :
MSVOA_D
ClientSampleId :
EO-02-11923

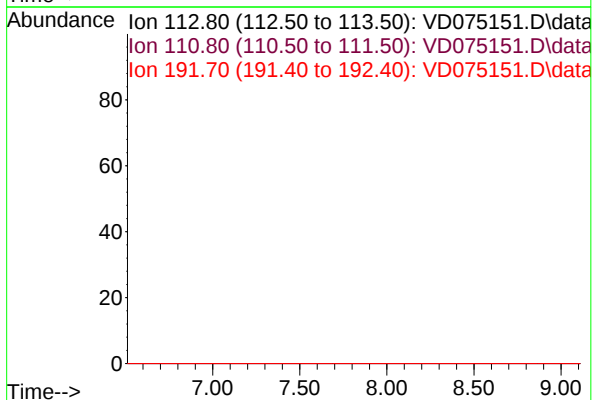
Tgt Ion:114 Resp: 599
Ion Ratio Lower Upper
114 100
63 0.0 0.0 40.2
88 0.0 0.0 32.2



#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 7.81 min

Lab File: VD075151.D
Acq: 20 Jan 2023 14:13

Tgt Ion: 113
Sig Exp Ratio
113 100
111 100.1
192 19.2

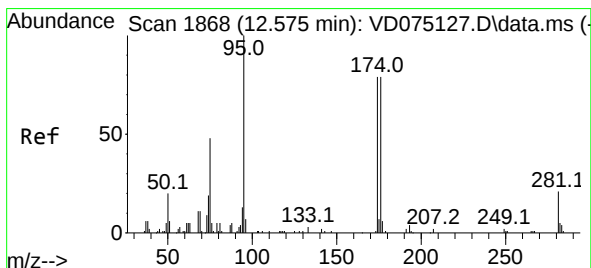
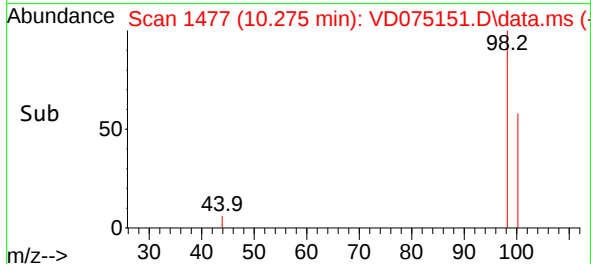
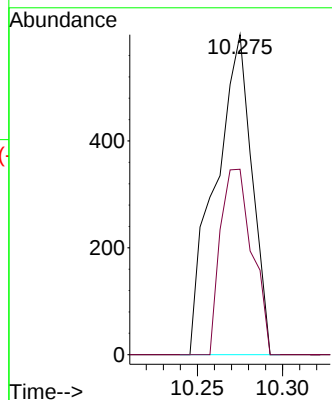
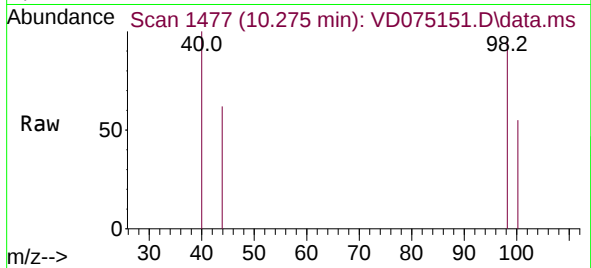




#50
Toluene-d8
Concen: 63.010 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VD075151.D
Acq: 20 Jan 2023 14:13

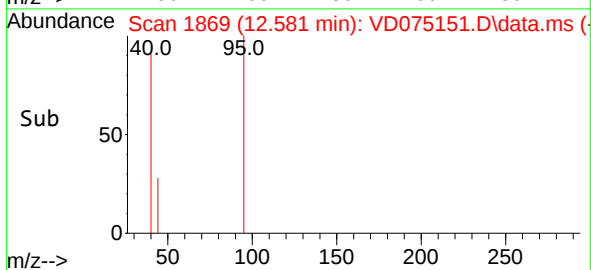
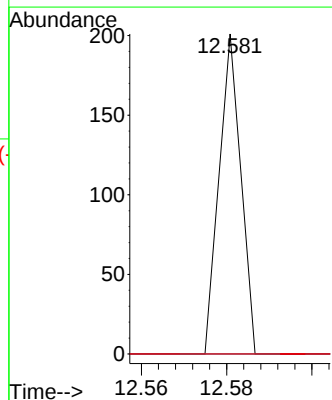
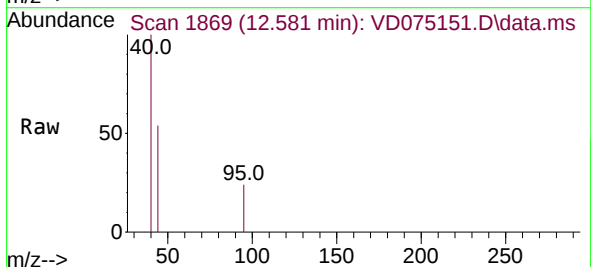
Instrument :
MSVOA_D
ClientSampleId :
EO-02-11923

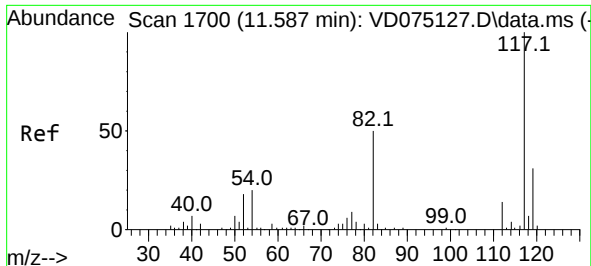
Tgt Ion: 98 Resp: 898
Ion Ratio Lower Upper
98 100
100 50.2 52.7 79.1#



#62
4-Bromofluorobenzene
Concen: 15.697 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. 0.006 min
Lab File: VD075151.D
Acq: 20 Jan 2023 14:13

Tgt Ion: 95 Resp: 71
Ion Ratio Lower Upper
95 100
174 0.0 0.0 161.2
176 0.0 0.0 160.2

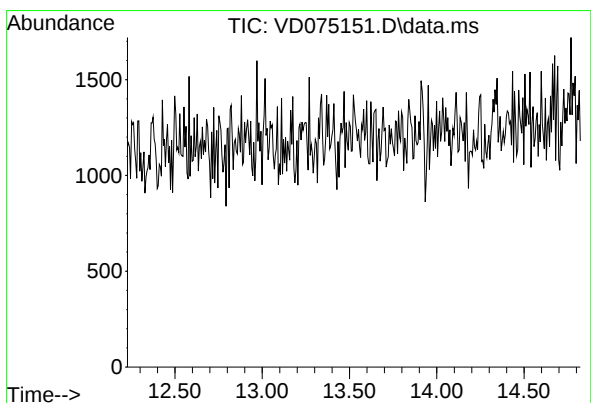
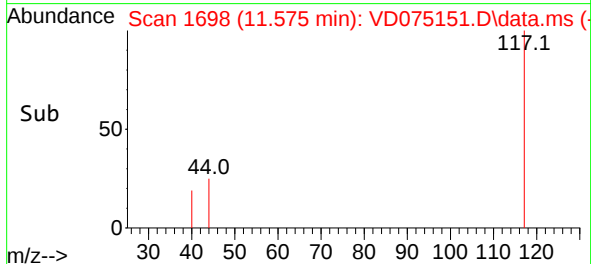
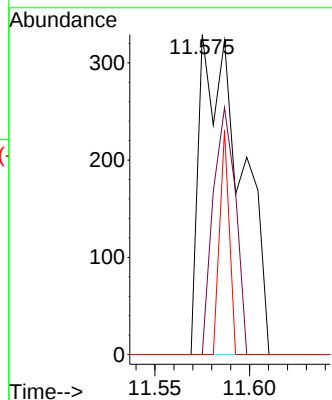
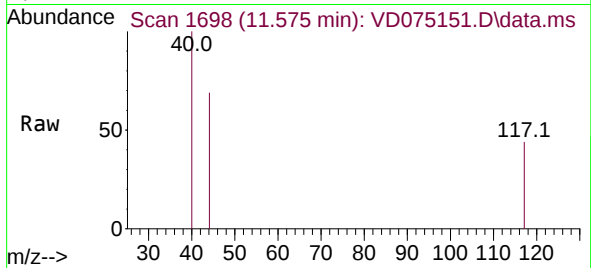




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1
Delta R.T. -0.012 min
Lab File: VD075151.D
Acq: 20 Jan 2023 14:13

Instrument :
MSVOA_D
ClientSampleId :
EO-02-11923

Tgt Ion:117 Resp: 503
Ion Ratio Lower Upper
117 100
82 0.0 39.6 59.4#
119 0.0 24.6 37.0#



#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.52 min

Lab File: VD075151.D
Acq: 20 Jan 2023 14:13

Tgt Ion: 152
Sig Exp Ratio
152 100
115 57.6
150 174.3

