

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071921\
 Data File : VD069750.D
 Acq On : 19 Jul 2021 14:27
 Operator : VA/SY
 Sample : M3069-01
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-071621

Quant Time: Jul 20 02:12:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	1346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	1145	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	1579	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.57

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	689	40.996	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.000%
35) Dibromofluoromethane	7.920	113	899	117.033	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	234.060%#
50) Toluene-d8	10.338	98	3116	104.413	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	208.820%#
62) 4-Bromofluorobenzene	12.649	95	86	8.641	ug/l	0.02
Spiked Amount	50.000	Range	25 - 144	Recovery	=	17.280%#

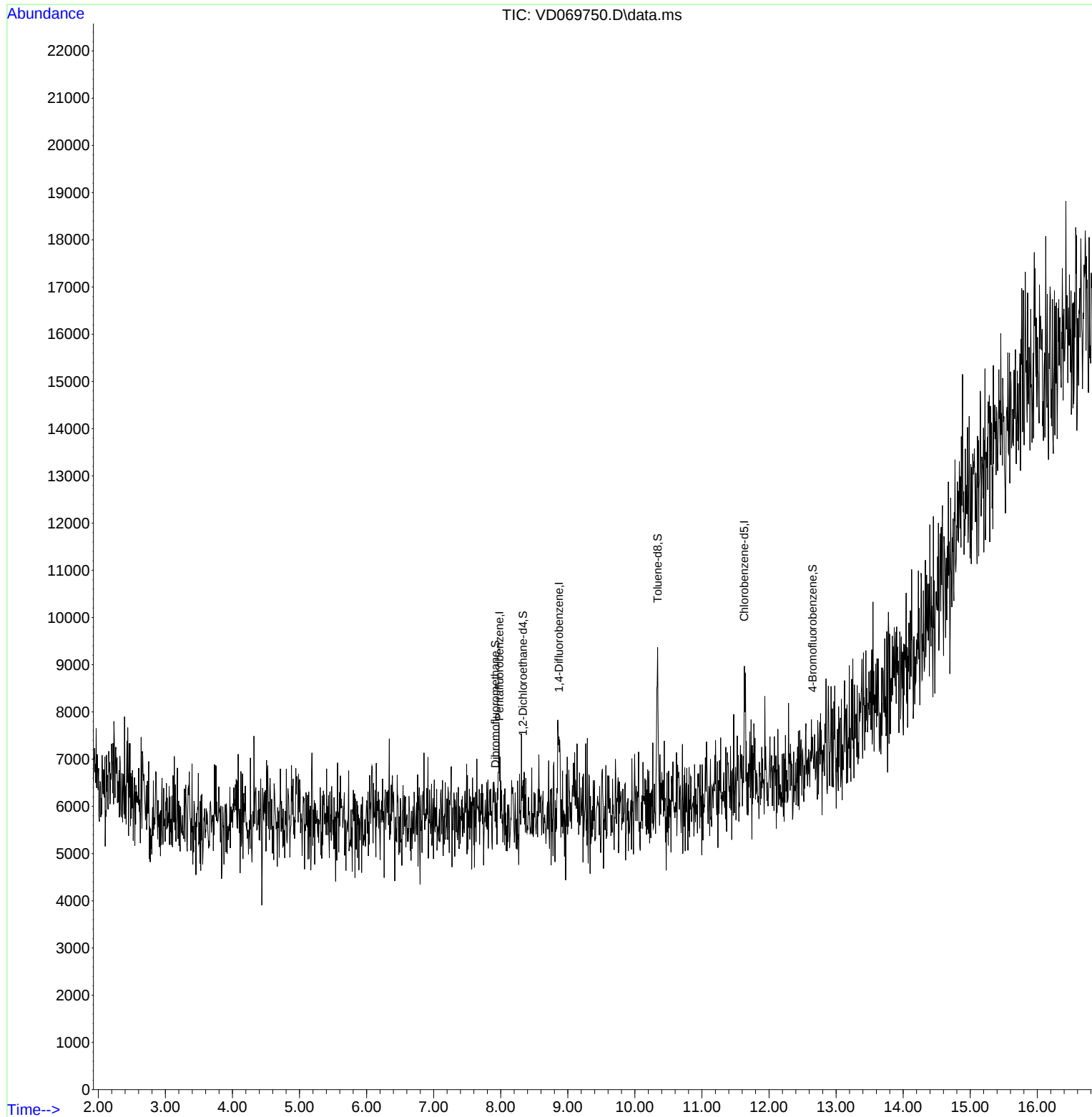
Target Compounds	Qvalue

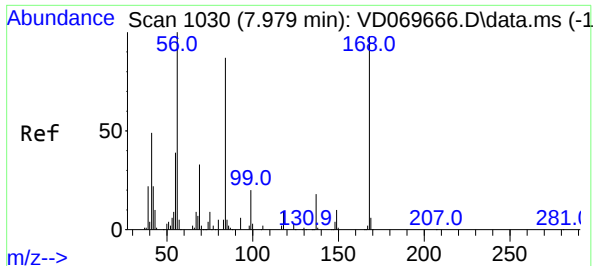
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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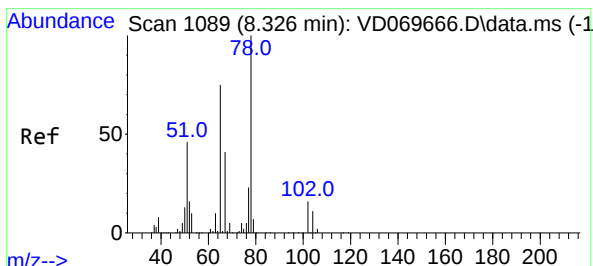
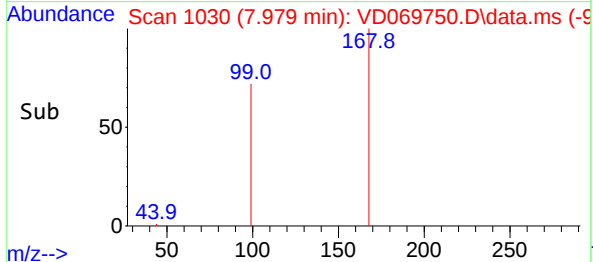
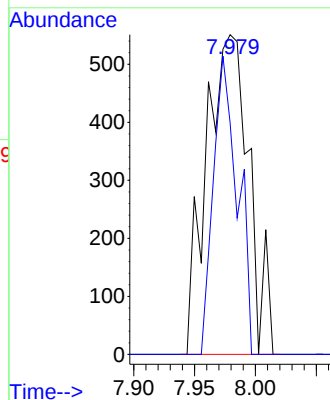
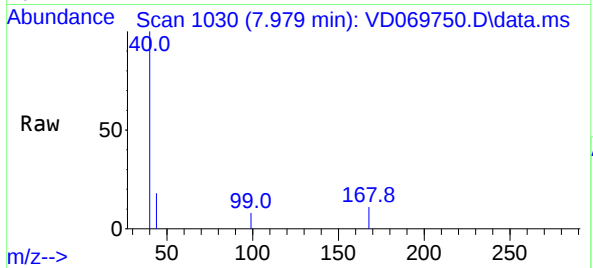




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069750.D
Acq: 19 Jul 2021 14:27

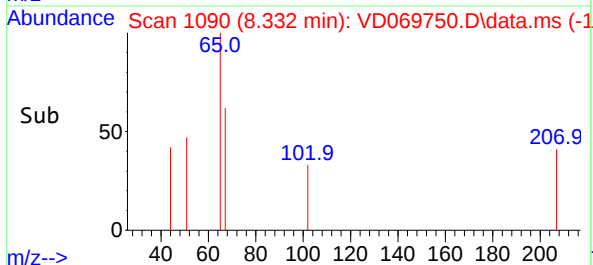
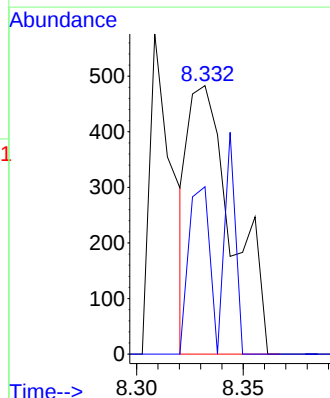
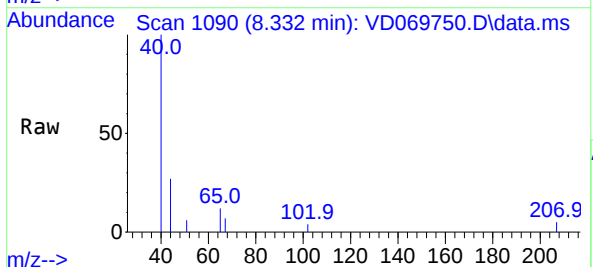
Instrument :
MSVOA_D
ClientSampleId :
CL-01-071621

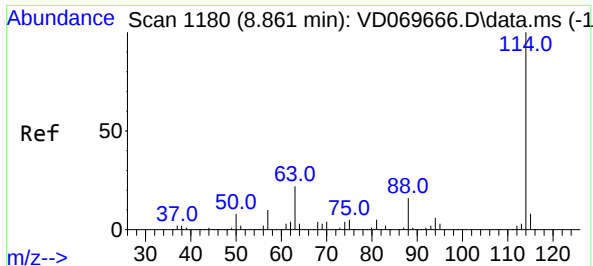
Tgt Ion:168 Resp: 1346
Ion Ratio Lower Upper
168 100
99 72.4 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 40.996 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069750.D
Acq: 19 Jul 2021 14:27

Tgt Ion: 65 Resp: 689
Ion Ratio Lower Upper
65 100
67 29.9 0.0 107.2



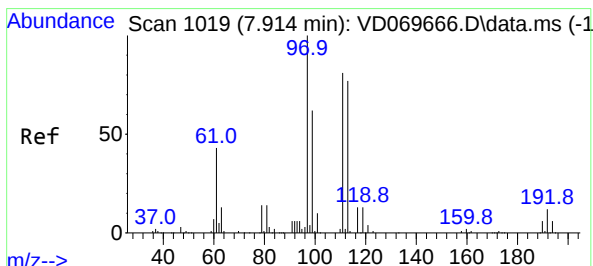
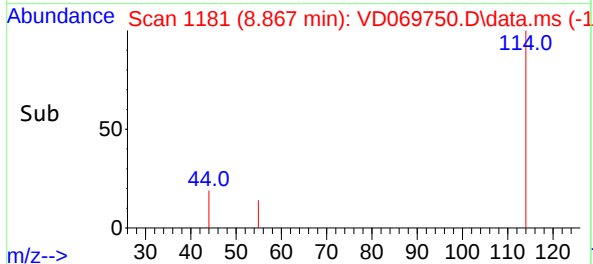
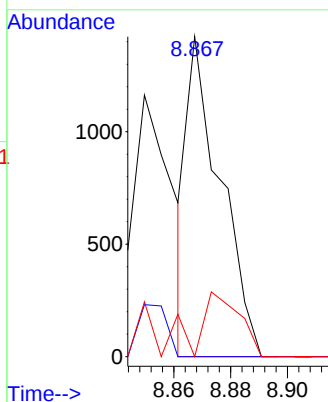
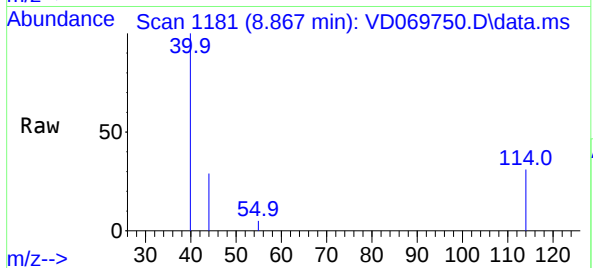


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VD069750.D
Acq: 19 Jul 2021 14:27

Instrument :
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CL-01-071621

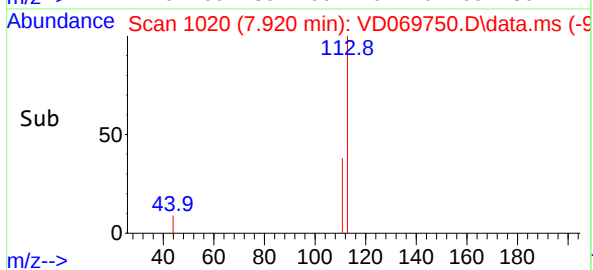
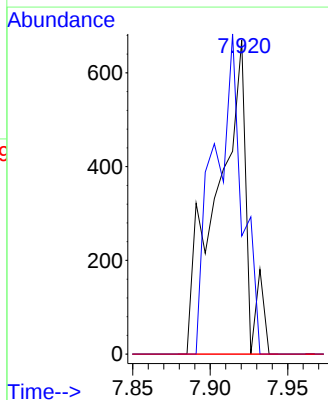
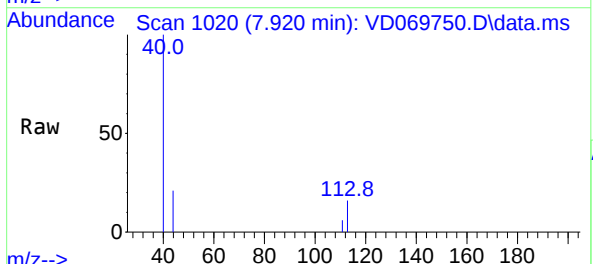
Tgt Ion:114	Resp:	1145
Ion Ratio	Lower	Upper
114	100	
63	0.0	43.4
88	0.0	32.0

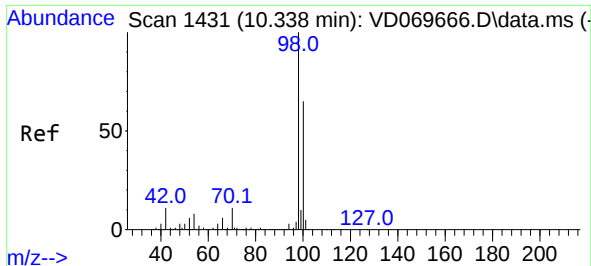


#35

Dibromofluoromethane
Concen: 117.033 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VD069750.D
Acq: 19 Jul 2021 14:27

Tgt Ion:113	Resp:	899
Ion Ratio	Lower	Upper
113	100	
111	95.4	123.8
192	0.0	19.1#

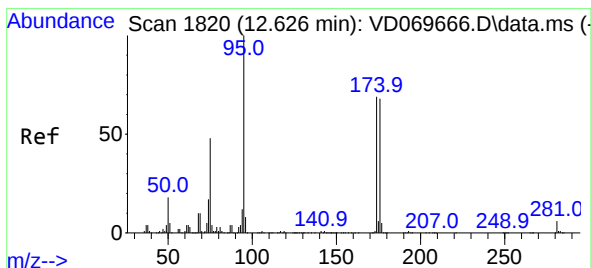
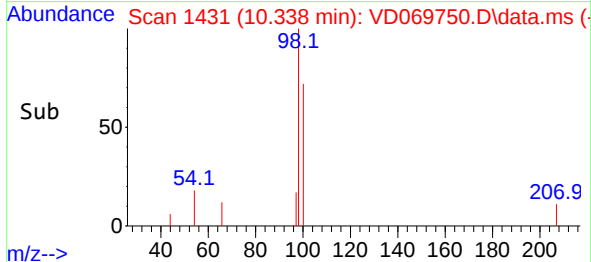
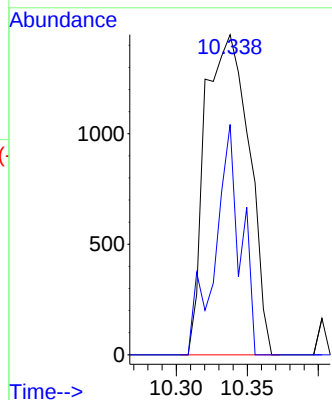
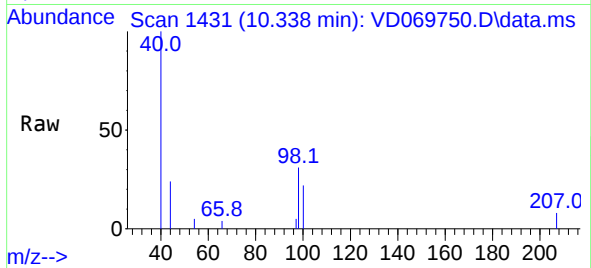




#50
Toluene-d8
Concen: 104.413 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069750.D
Acq: 19 Jul 2021 14:27

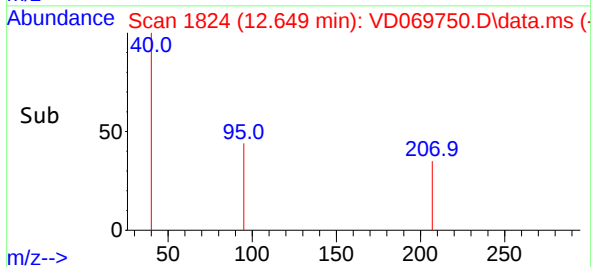
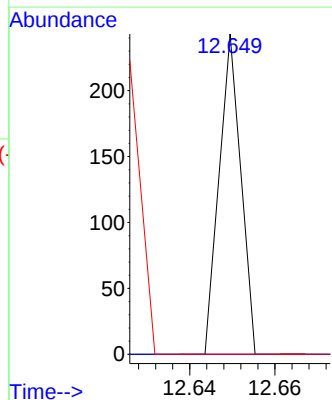
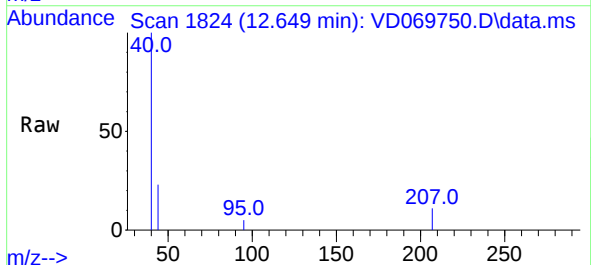
Instrument :
MSVOA_D
ClientSampleId :
CL-01-071621

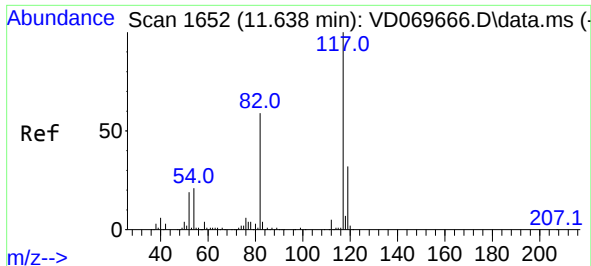
Tgt Ion: 98 Resp: 3116
Ion Ratio Lower Upper
98 100
100 41.9 52.2 78.2#



#62
4-Bromofluorobenzene
Concen: 8.641 ug/l
RT: 12.649 min Scan# 1824
Delta R.T. 0.023 min
Lab File: VD069750.D
Acq: 19 Jul 2021 14:27

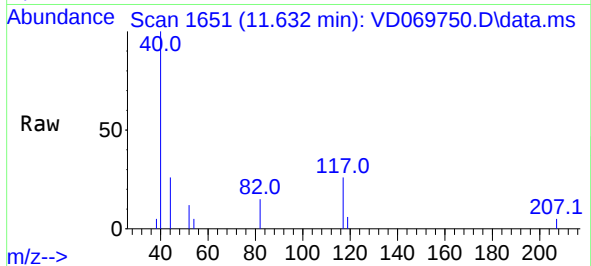
Tgt Ion: 95 Resp: 86
Ion Ratio Lower Upper
95 100
174 0.0 0.0 140.0
176 0.0 0.0 136.2



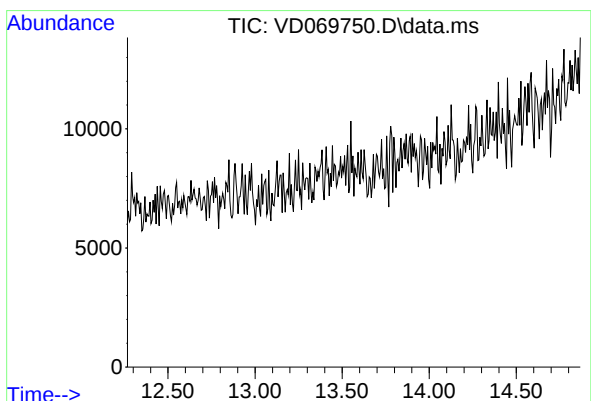
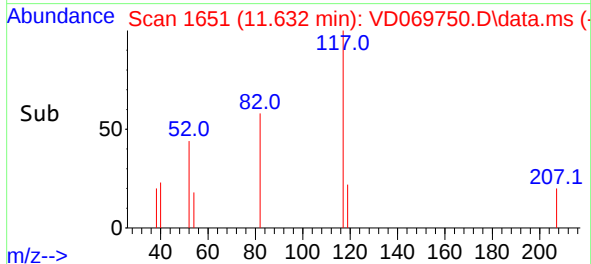
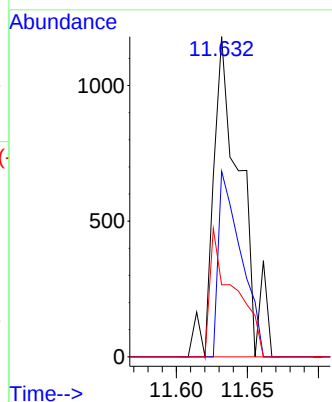


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD069750.D
Acq: 19 Jul 2021 14:27

Instrument :
MSVOA_D
ClientSampleId :
CL-01-071621



Tgt Ion:117 Resp: 1579
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.2
119 22.5 25.5 38.3#



#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.57 min

Lab File: VD069750.D
Acq: 19 Jul 2021 14:27

Tgt Ion: 152
Sig Exp Ratio
152 100
115 63.4
150 175.2

