

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071921\
 Data File : VD069748.D
 Acq On : 19 Jul 2021 13:29
 Operator : VA/SY
 Sample : M3065-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-071521

Quant Time: Jul 20 02:11:43 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	7.973	168	1404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	2107	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1542	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	8.326	65	505	28.807	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	57.620%
35) Dibromofluoromethane	7.909	113	741	52.421	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.840%
50) Toluene-d8	10.338	98	2353	42.847	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	85.700%
62) 4-Bromofluorobenzene	12.620	95	178	9.719	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	19.440%#

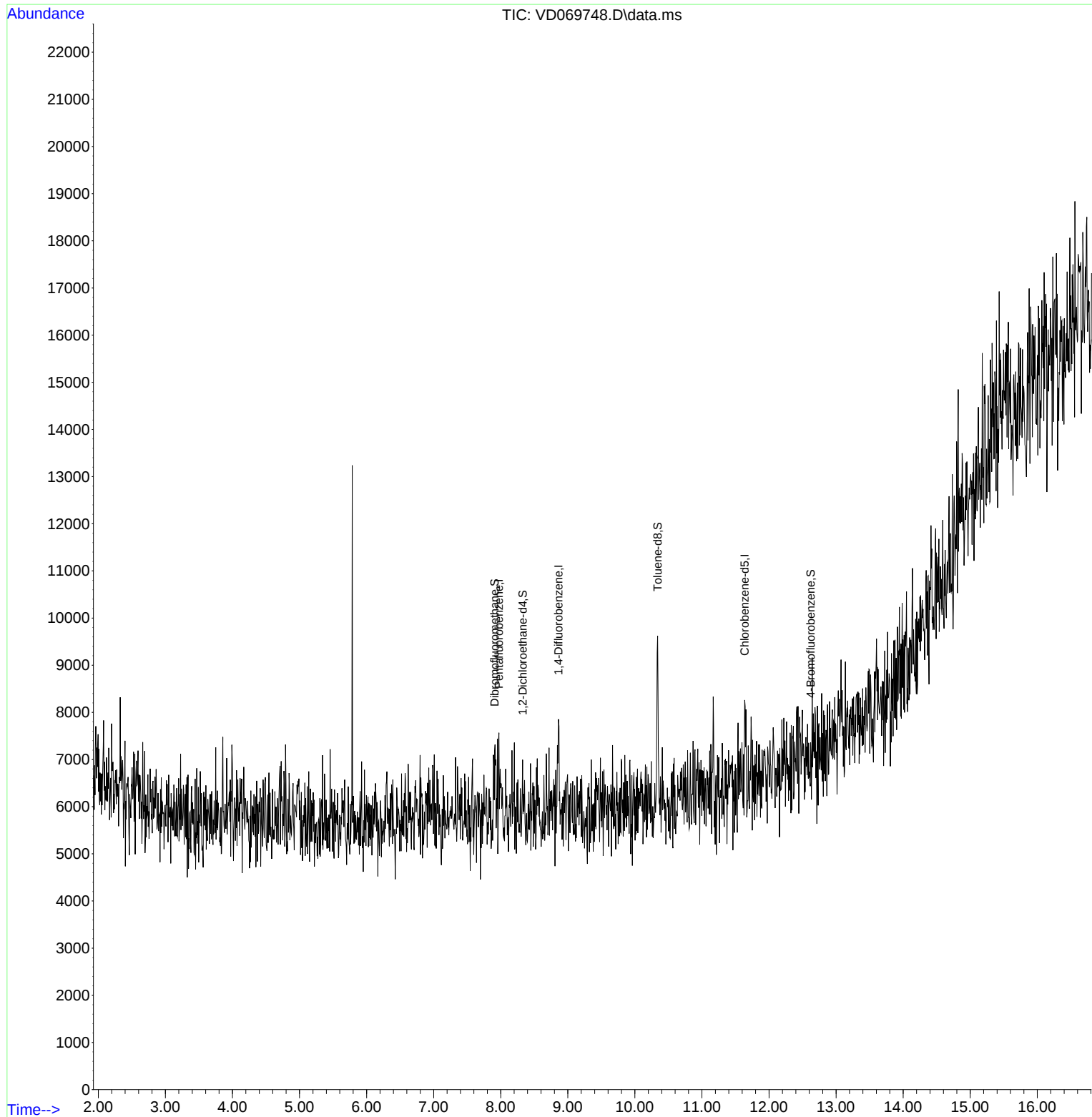
Target Compounds	Qvalue

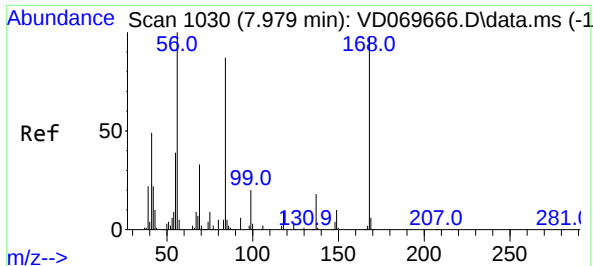
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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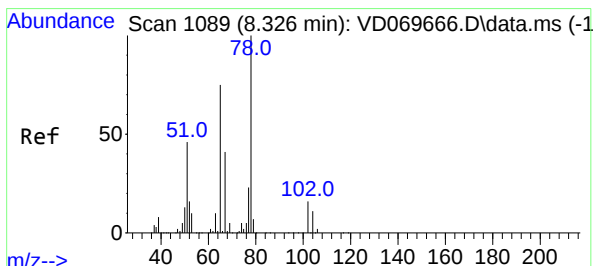
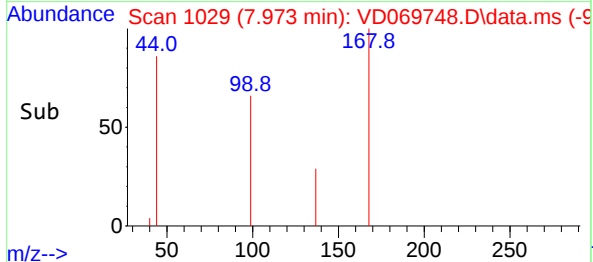
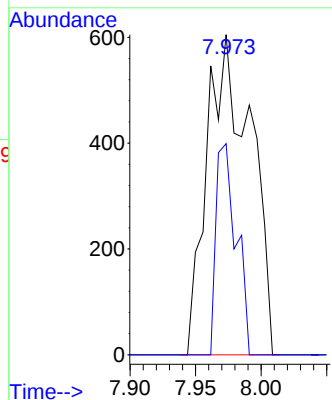
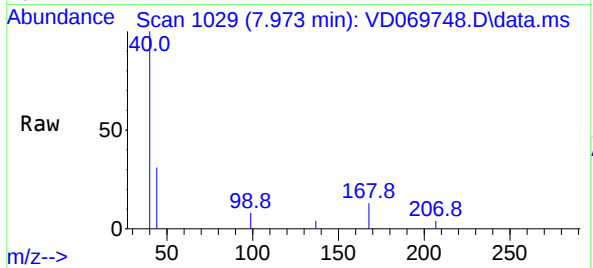




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD069748.D
Acq: 19 Jul 2021 13:29

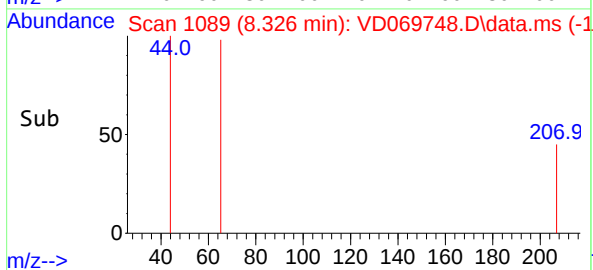
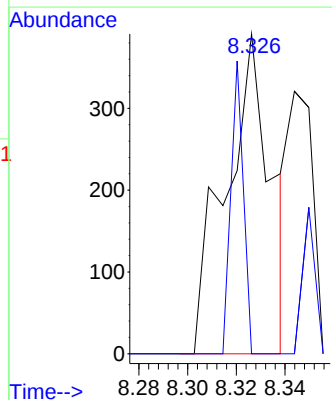
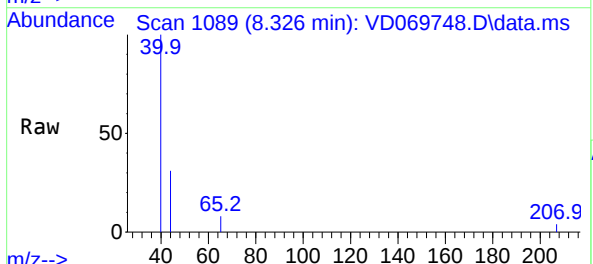
Instrument :
MSVOA_D
ClientSampleId :
TR-04-071521

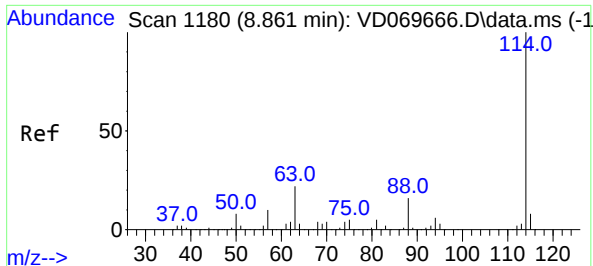
Tgt Ion:168 Resp: 1404
Ion Ratio Lower Upper
168 100
99 66.0 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 28.807 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD069748.D
Acq: 19 Jul 2021 13:29

Tgt Ion: 65 Resp: 505
Ion Ratio Lower Upper
65 100
67 25.0 0.0 107.2



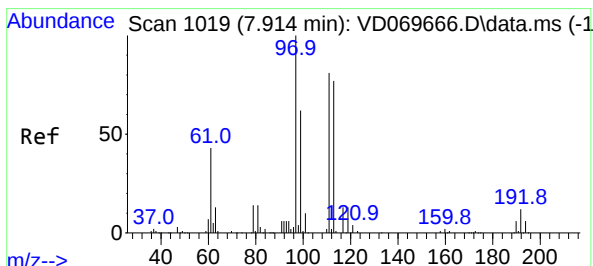
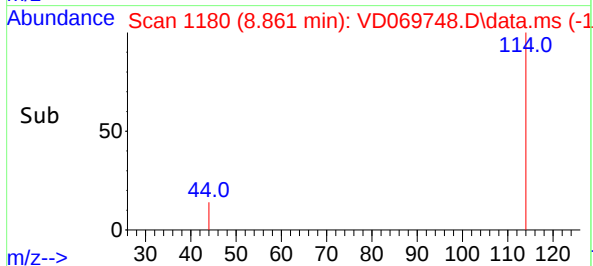
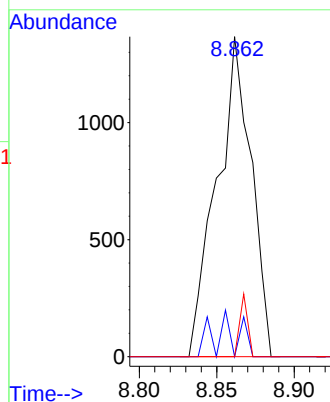
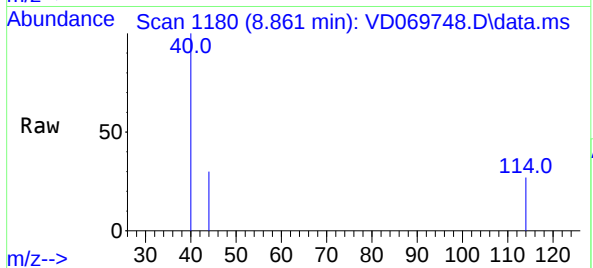


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069748.D
Acq: 19 Jul 2021 13:29

Instrument :
MSVOA_D
ClientSampleId :
TR-04-071521

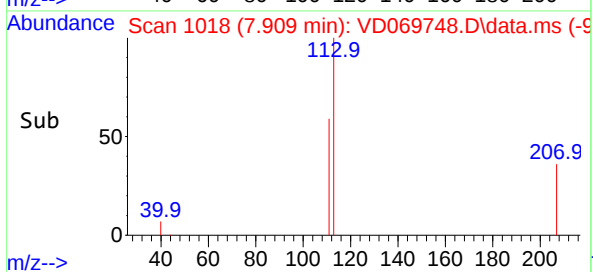
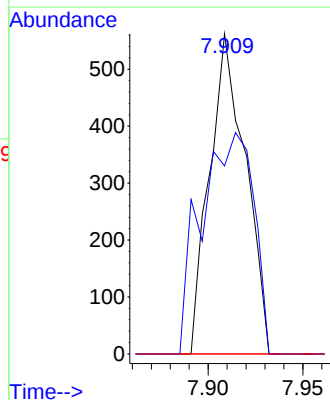
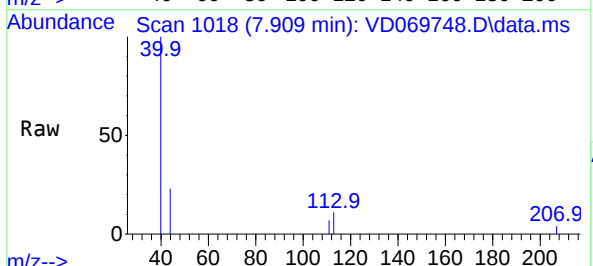
Tgt Ion:114	Resp:	2107
Ion Ratio	Lower	Upper
114	100	
63	0.0	43.4
88	0.0	32.0

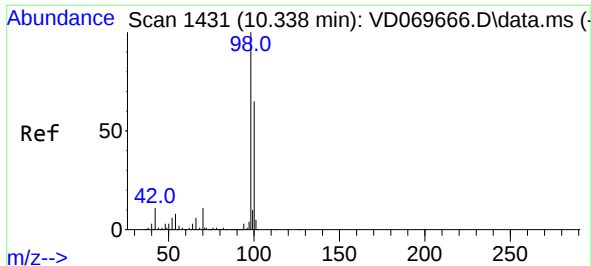


#35

Dibromofluoromethane
Concen: 52.421 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.005 min
Lab File: VD069748.D
Acq: 19 Jul 2021 13:29

Tgt Ion:113	Resp:	741
Ion Ratio	Lower	Upper
113	100	
111	101.1	123.8
192	0.0	19.1

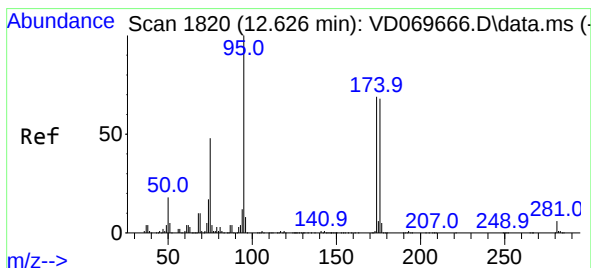
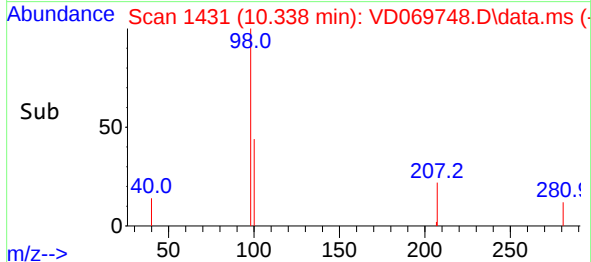
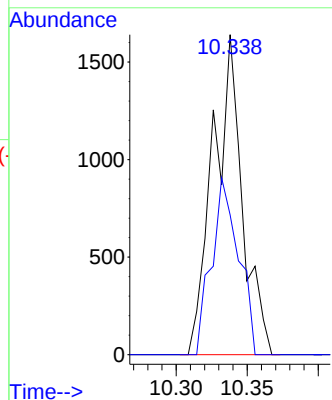
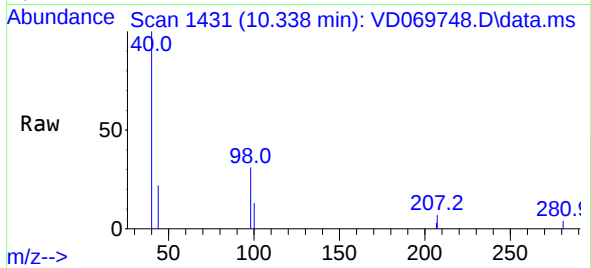




#50
Toluene-d8
Concen: 42.847 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069748.D
Acq: 19 Jul 2021 13:29

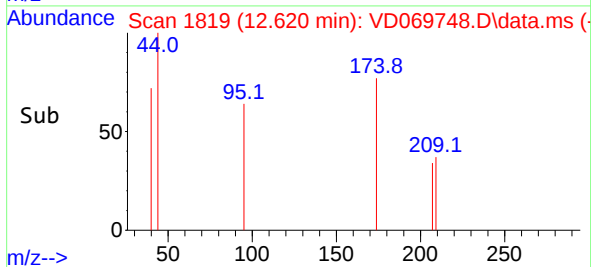
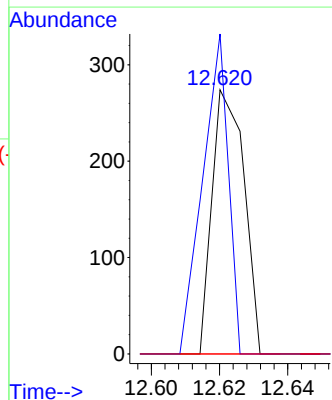
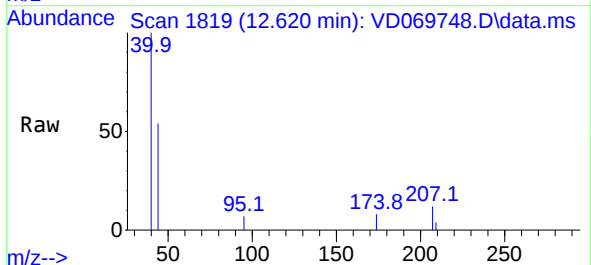
Instrument :
MSVOA_D
ClientSampleId :
TR-04-071521

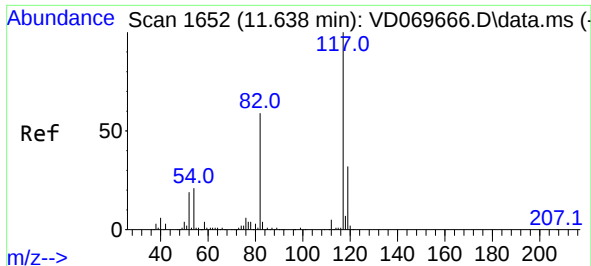
Tgt Ion: 98 Resp: 2353
Ion Ratio Lower Upper
98 100
100 51.0 52.2 78.2#



#62
4-Bromofluorobenzene
Concen: 9.719 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD069748.D
Acq: 19 Jul 2021 13:29

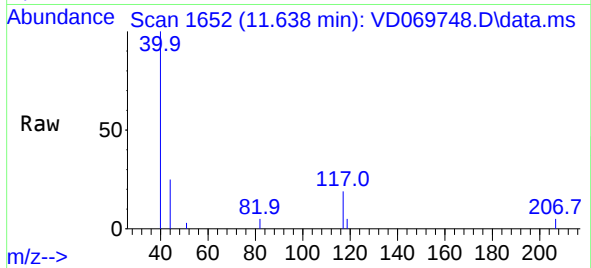
Tgt Ion: 95 Resp: 178
Ion Ratio Lower Upper
95 100
174 97.2 0.0 140.0
176 0.0 0.0 136.2



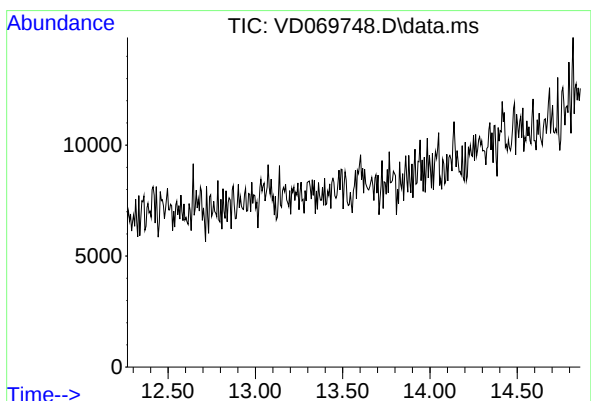
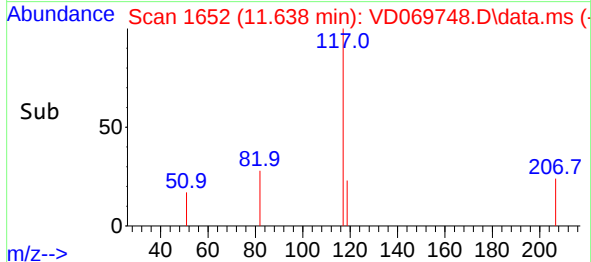
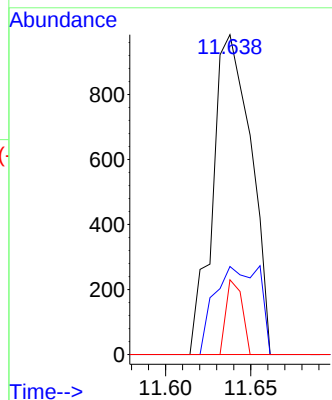


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069748.D
Acq: 19 Jul 2021 13:29

Instrument :
MSVOA_D
ClientSampleId :
TR-04-071521



Tgt Ion:117 Resp: 1542
Ion Ratio Lower Upper
117 100
82 27.5 47.4 71.2#
119 23.4 25.5 38.3#



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

Lab File: VD069748.D
Acq: 19 Jul 2021 13:29

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

