

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071421\
 Data File : VD069695.D
 Acq On : 14 Jul 2021 18:37
 Operator : VA/SY
 Sample : M3023-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-071321

Quant Time: Jul 15 03:32:12 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	64462	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	123998	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	154314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	71196	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	63358	78.716	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	157.440%
35) Dibromofluoromethane	7.914	113	44755	53.800	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.600%
50) Toluene-d8	10.337	98	162528	50.290	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.580%
62) 4-Bromofluorobenzene	12.626	95	70782	65.669	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	131.340%

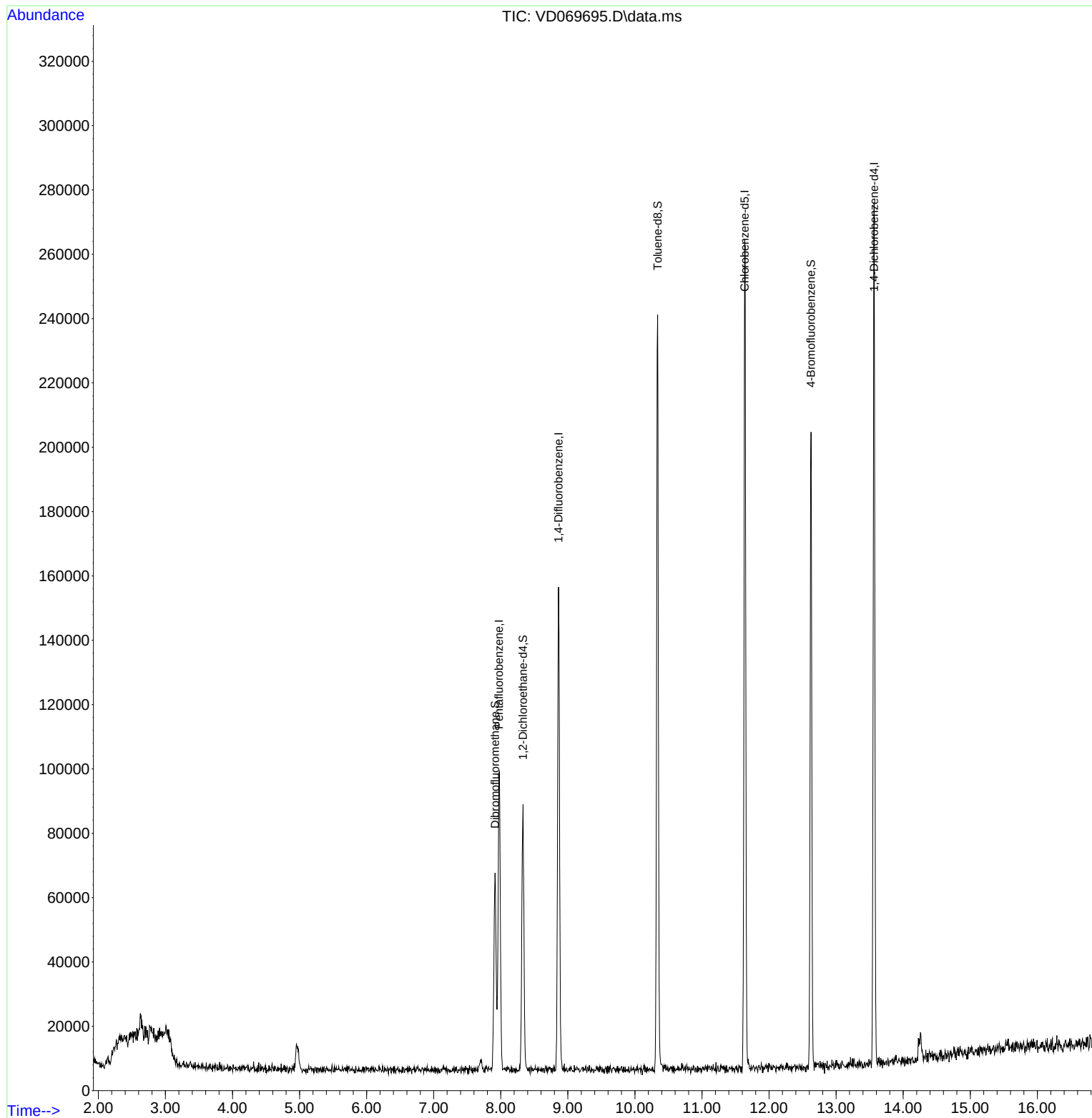
Target Compounds	Qvalue

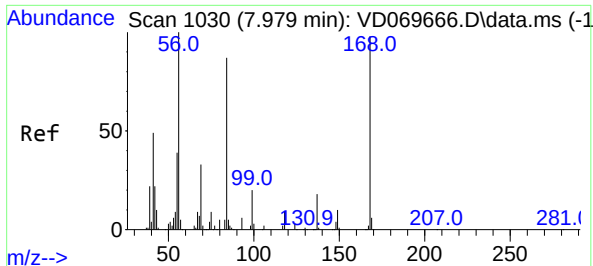
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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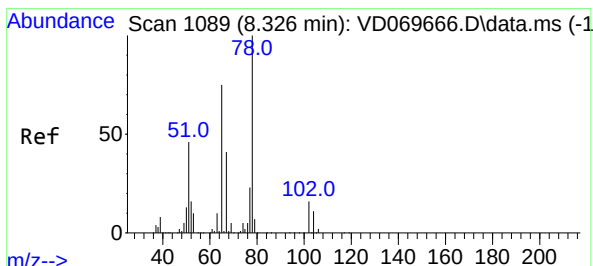
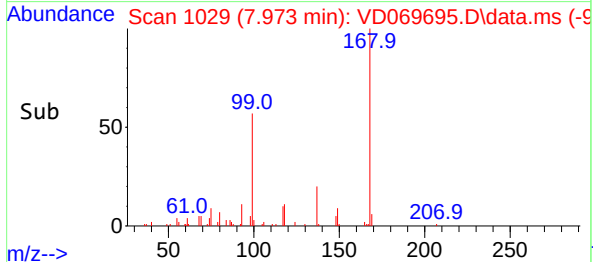
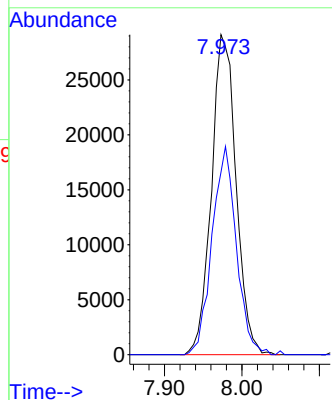
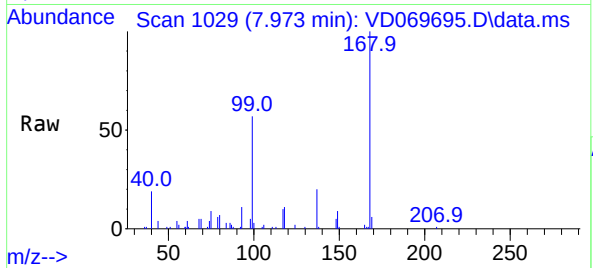




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD069695.D
Acq: 14 Jul 2021 18:37

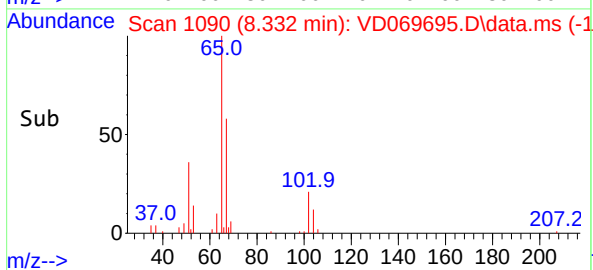
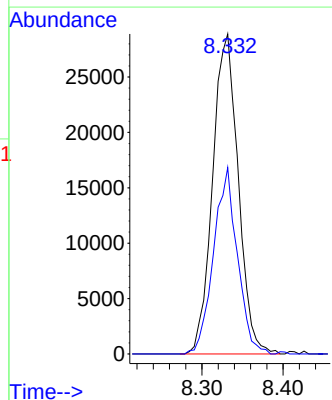
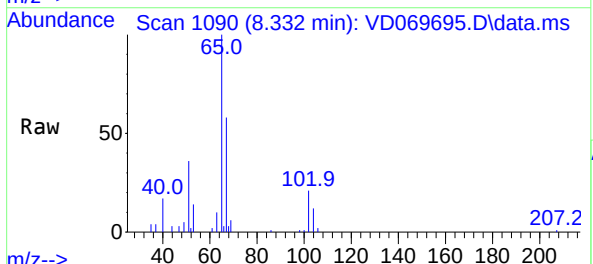
Instrument :
MSVOA_D
ClientSampleId :
OR-02-071321

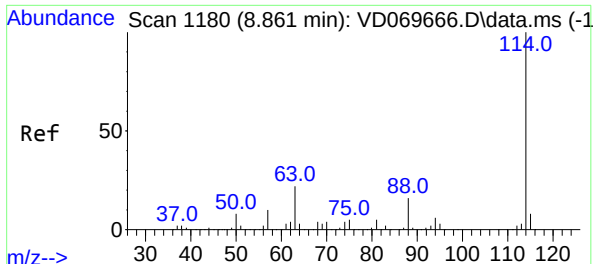
Tgt Ion:168 Resp: 64462
Ion Ratio Lower Upper
168 100
99 57.1 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 78.716 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069695.D
Acq: 14 Jul 2021 18:37

Tgt Ion: 65 Resp: 63358
Ion Ratio Lower Upper
65 100
67 54.1 0.0 107.2

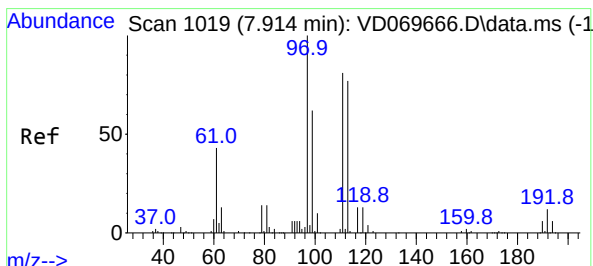
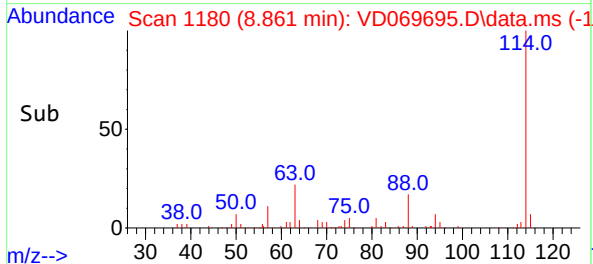
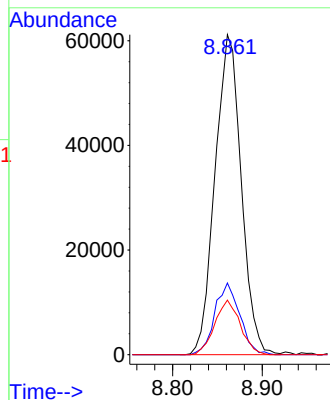
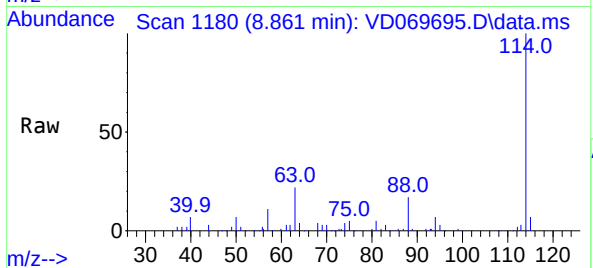




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069695.D
Acq: 14 Jul 2021 18:37

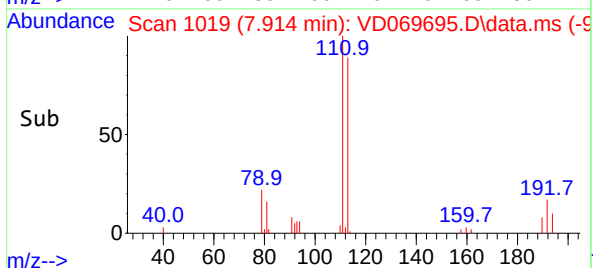
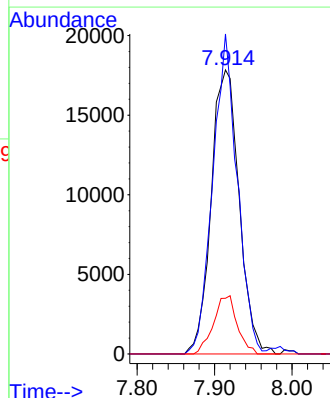
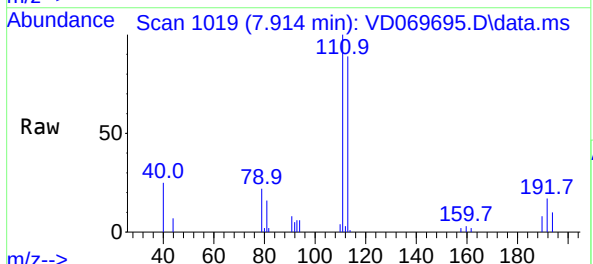
Instrument :
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ClientSampleId :
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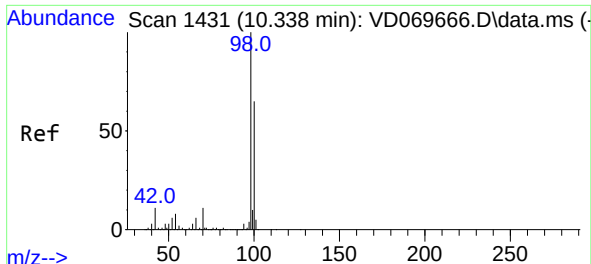
Tgt Ion:114 Resp: 123998
Ion Ratio Lower Upper
114 100
63 22.4 0.0 43.4
88 17.1 0.0 32.0



#35
Dibromofluoromethane
Concen: 53.800 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069695.D
Acq: 14 Jul 2021 18:37

Tgt Ion:113 Resp: 44755
Ion Ratio Lower Upper
113 100
111 98.7 82.6 123.8
192 17.3 12.7 19.1

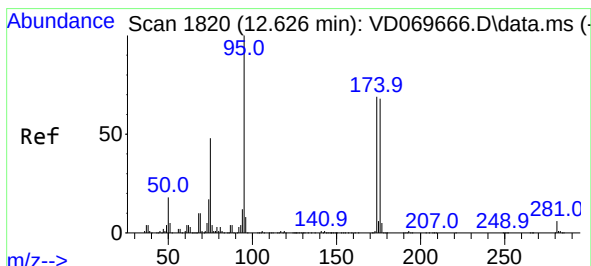
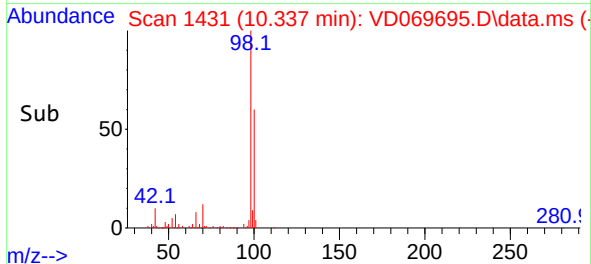
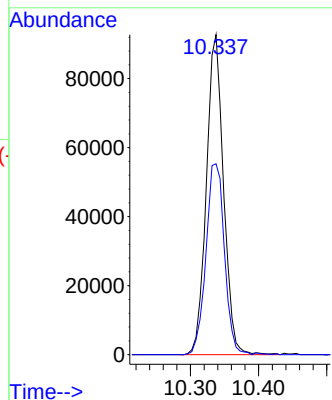
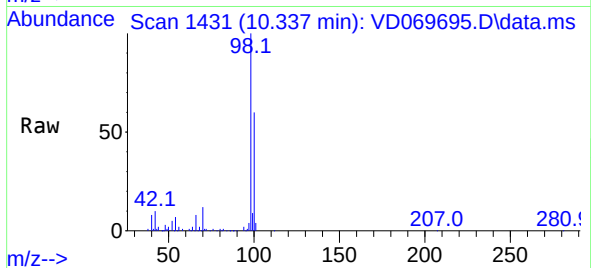




#50
Toluene-d8
Concen: 50.290 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.001 min
Lab File: VD069695.D
Acq: 14 Jul 2021 18:37

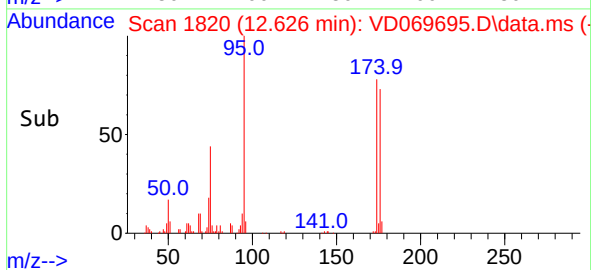
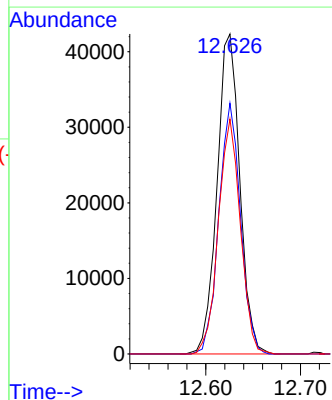
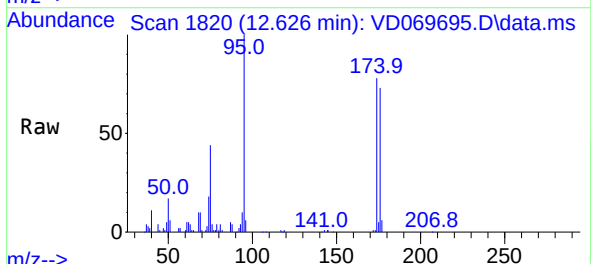
Instrument :
MSVOA_D
ClientSampleId :
OR-02-071321

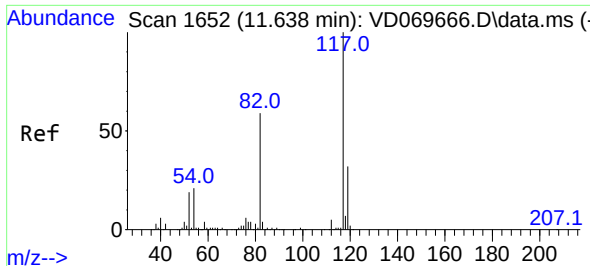
Tgt Ion: 98 Resp: 162528
Ion Ratio Lower Upper
98 100
100 64.1 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 65.669 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069695.D
Acq: 14 Jul 2021 18:37

Tgt Ion: 95 Resp: 70782
Ion Ratio Lower Upper
95 100
174 74.6 0.0 140.0
176 71.0 0.0 136.2

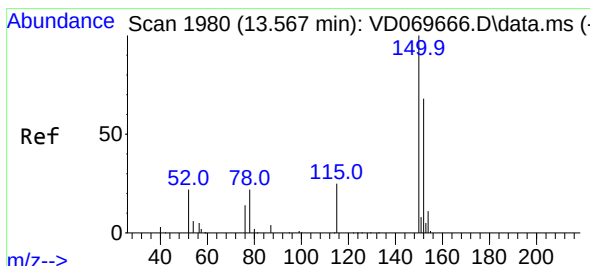
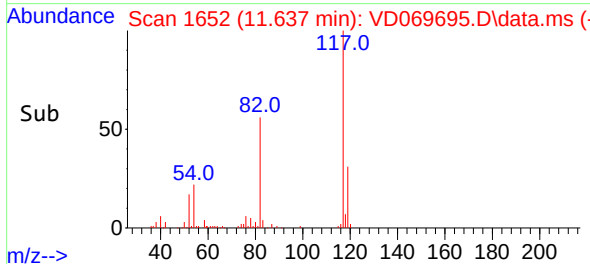
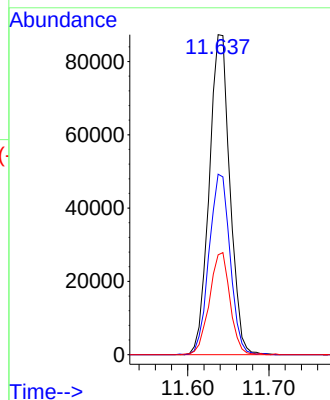
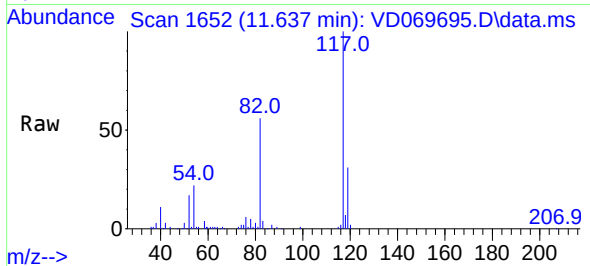




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.001 min
Lab File: VD069695.D
Acq: 14 Jul 2021 18:37

Instrument :
MSVOA_D
ClientSampleId :
OR-02-071321

Tgt Ion:	117	Resp:	154314
Ion	Ratio	Lower	Upper
117	100		
82	56.4	47.4	71.2
119	31.2	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069695.D
Acq: 14 Jul 2021 18:37

Tgt Ion:	152	Resp:	71196
Ion	Ratio	Lower	Upper
152	100		
115	61.0	31.7	95.1
150	156.5	0.0	350.4

