

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072021\
 Data File : VD069765.D
 Acq On : 20 Jul 2021 12:59
 Operator : VA/SY
 Sample : M3039-13
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-08-11.5-12.0

Quant Time: Jul 21 03:24:27 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)

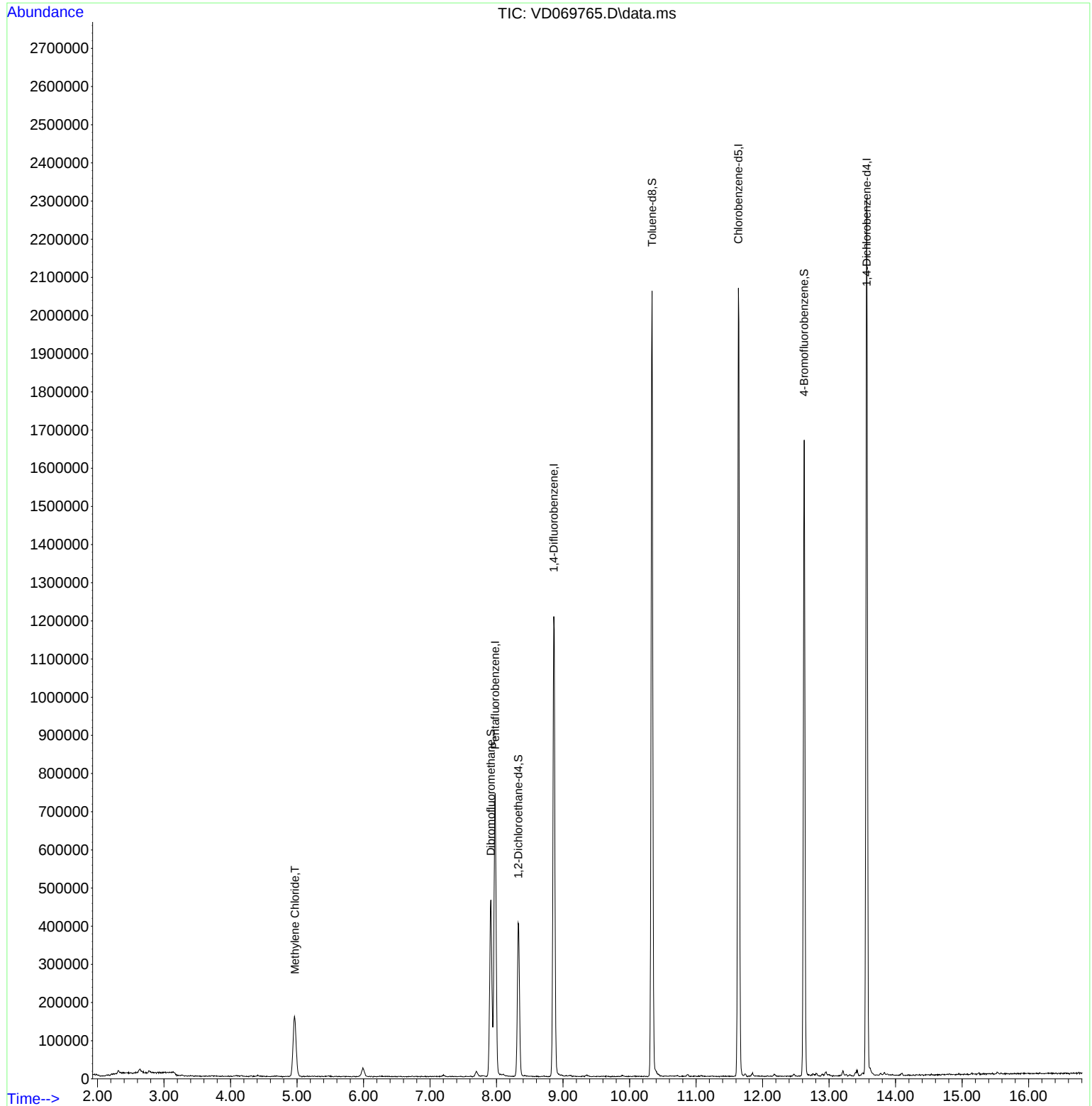
Internal Standards						
1) Pentafluorobenzene	7.979	168	515684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1022342	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1218584	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	587153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	315266	48.962	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.920%
35) Dibromofluoromethane	7.914	113	334080	48.709	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.420%
50) Toluene-d8	10.338	98	1391615	52.226	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.460%
62) 4-Bromofluorobenzene	12.626	95	573116	64.491	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	128.980%
Target Compounds						
20) Methylene Chloride	4.967	84	129313	10.058	ug/l	Qvalue 94

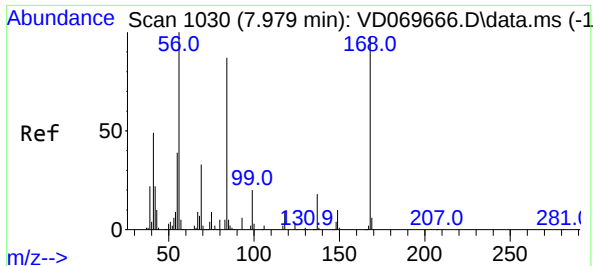
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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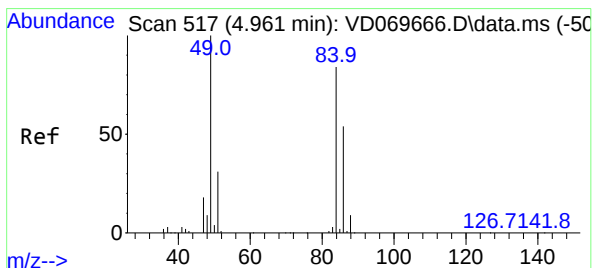
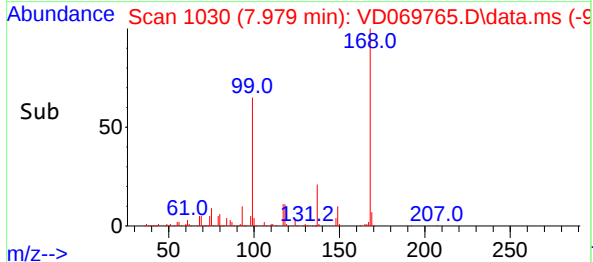
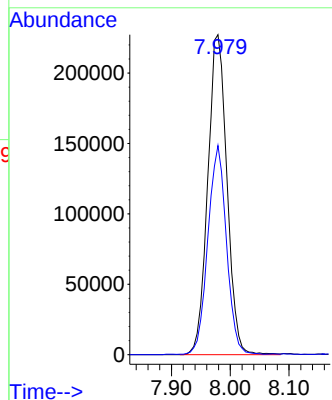
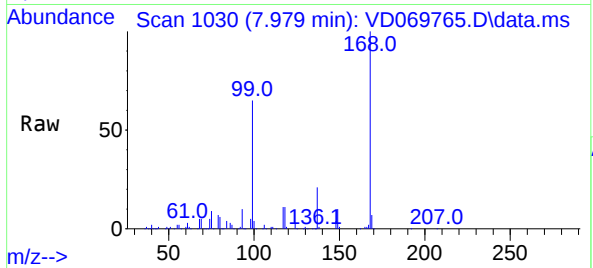




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069765.D
Acq: 20 Jul 2021 12:59

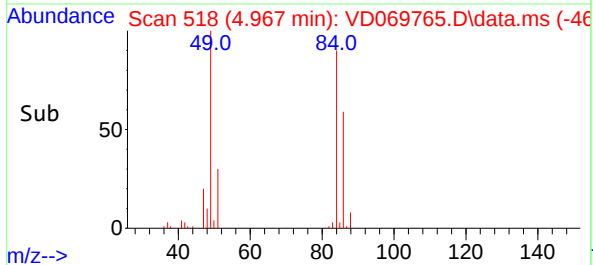
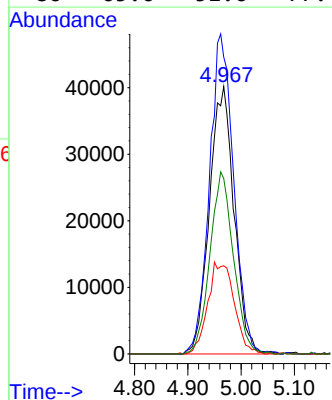
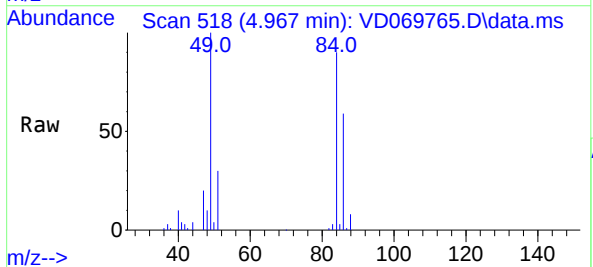
Instrument :
MSVOA_D
ClientSampleId :
SB-08-11.5-12.0

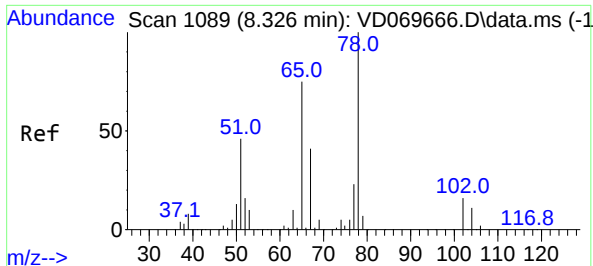
Tgt Ion:168 Resp: 515684
Ion Ratio Lower Upper
168 100
99 65.2 51.8 77.6



#20
Methylene Chloride
Concen: 10.058 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD069765.D
Acq: 20 Jul 2021 12:59

Tgt Ion: 84 Resp: 129313
Ion Ratio Lower Upper
84 100
49 111.1 95.5 143.3
51 32.6 29.7 44.5
86 65.6 51.6 77.4

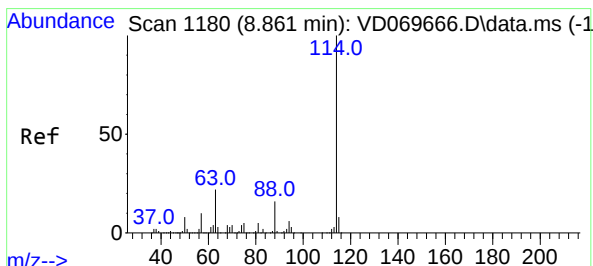
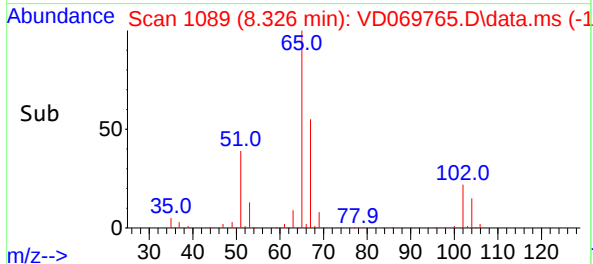
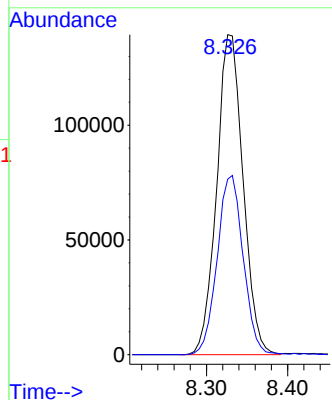
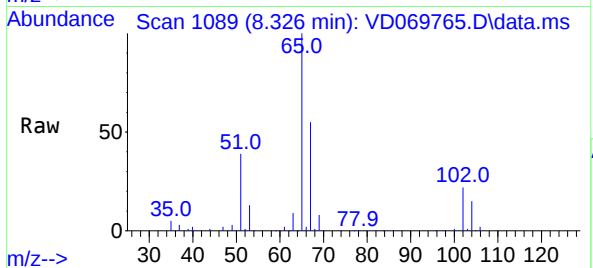




#33
1,2-Dichloroethane-d4
Concen: 48.962 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD069765.D
Acq: 20 Jul 2021 12:59

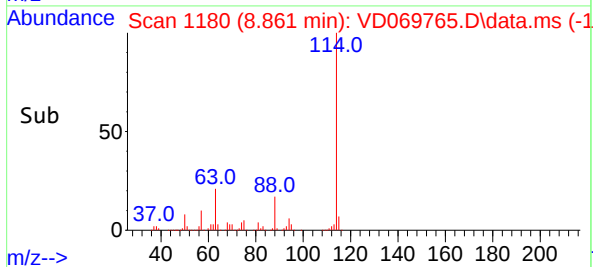
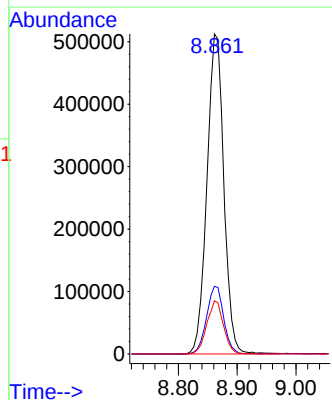
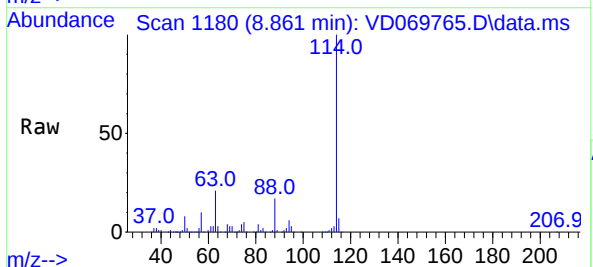
Instrument :
MSVOA_D
ClientSampleId :
SB-08-11.5-12.0

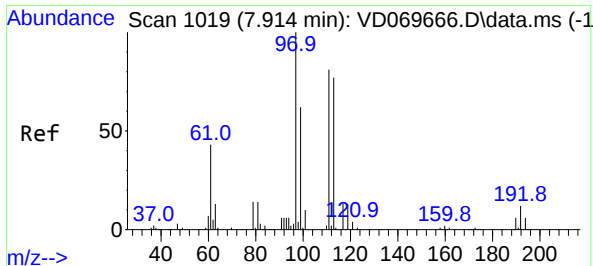
Tgt Ion: 65 Resp: 315266
Ion Ratio Lower Upper
65 100
67 55.2 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069765.D
Acq: 20 Jul 2021 12:59

Tgt Ion:114 Resp: 1022342
Ion Ratio Lower Upper
114 100
63 21.1 0.0 43.4
88 16.6 0.0 32.0

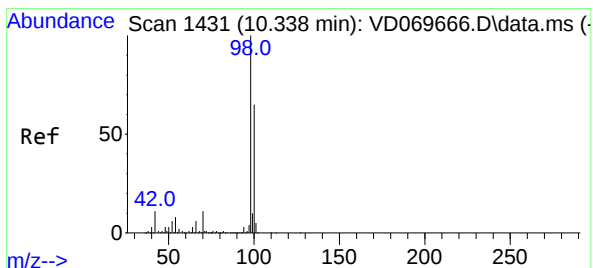
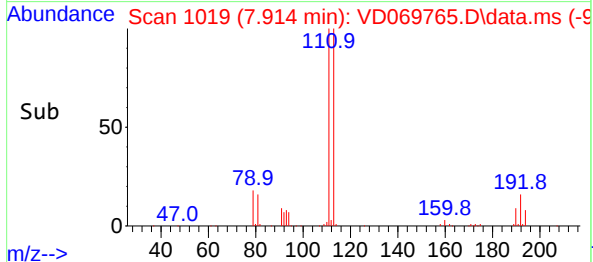
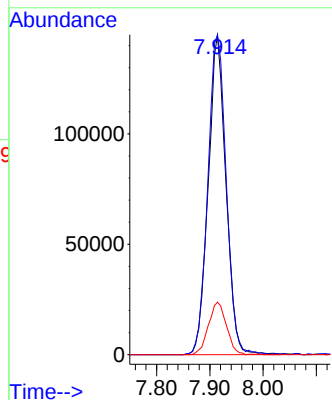
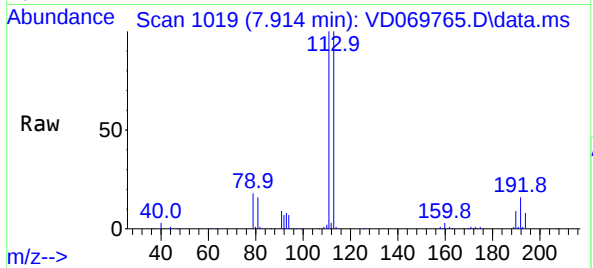




#35
Dibromofluoromethane
Concen: 48.709 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069765.D
Acq: 20 Jul 2021 12:59

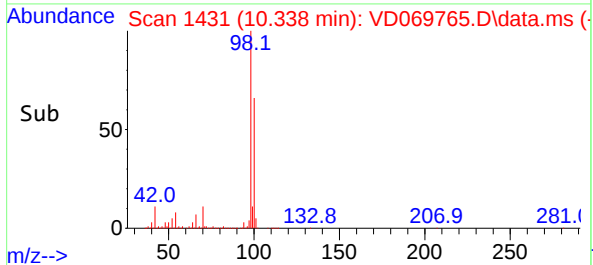
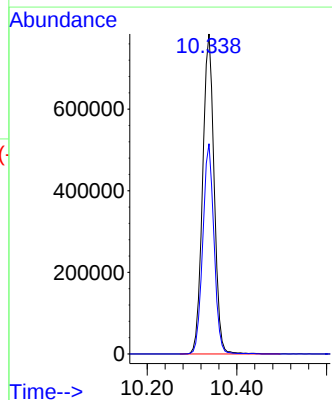
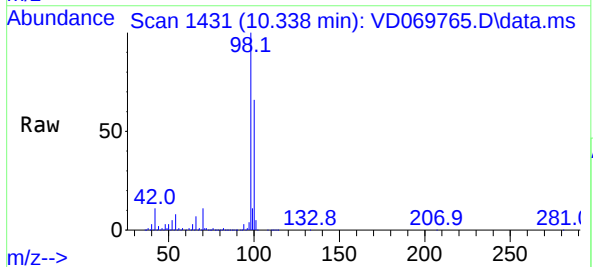
Instrument :
MSVOA_D
ClientSampleId :
SB-08-11.5-12.0

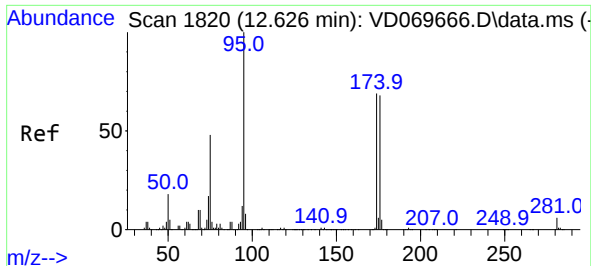
Tgt Ion:113 Resp: 334080
Ion Ratio Lower Upper
113 100
111 103.9 82.6 123.8
192 16.7 12.7 19.1



#50
Toluene-d8
Concen: 52.226 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069765.D
Acq: 20 Jul 2021 12:59

Tgt Ion: 98 Resp: 1391615
Ion Ratio Lower Upper
98 100
100 64.1 52.2 78.2

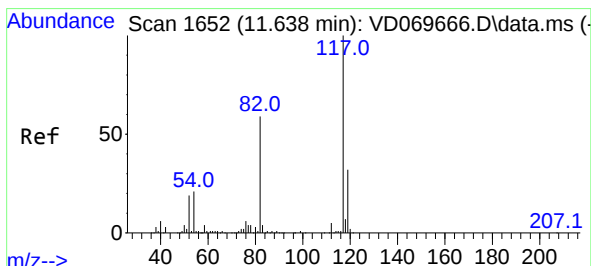
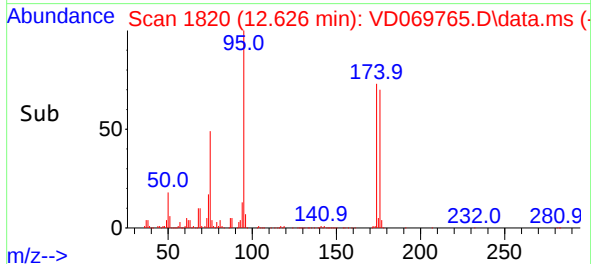
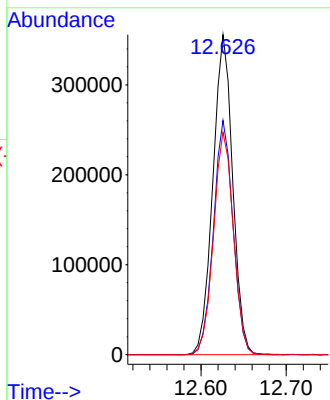
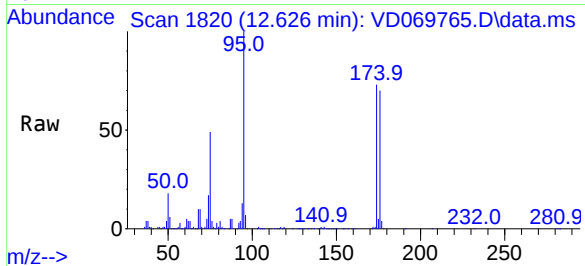




#62
4-Bromofluorobenzene
Concen: 64.491 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069765.D
Acq: 20 Jul 2021 12:59

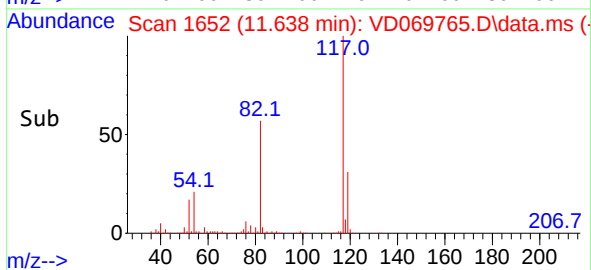
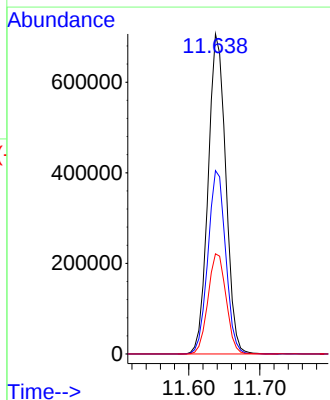
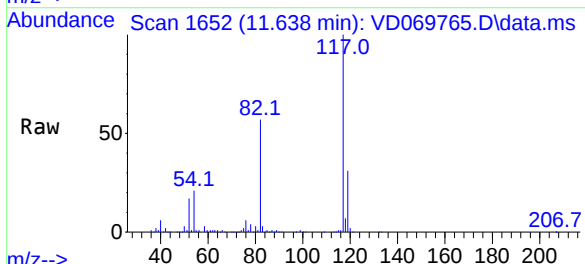
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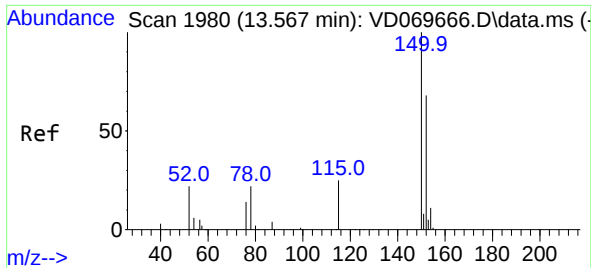
Tgt Ion: 95 Resp: 573116
Ion Ratio Lower Upper
95 100
174 72.5 0.0 140.0
176 69.7 0.0 136.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069765.D
Acq: 20 Jul 2021 12:59

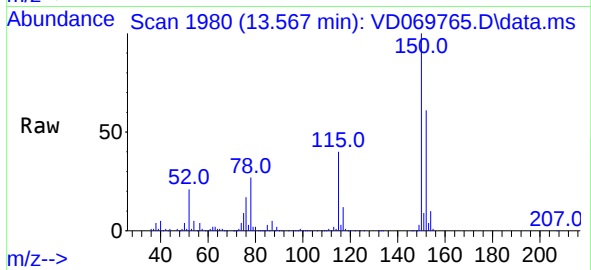
Tgt Ion: 117 Resp: 1218584
Ion Ratio Lower Upper
117 100
82 57.3 47.4 71.2
119 31.3 25.5 38.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069765.D
Acq: 20 Jul 2021 12:59

Instrument :
MSVOA_D
ClientSampleId :
SB-08-11.5-12.0



Tgt Ion:152 Resp: 587153

Ion	Ratio	Lower	Upper
152	100		
115	63.1	31.7	95.1
150	158.5	0.0	350.4

