

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071921\
 Data File : VD069754.D
 Acq On : 19 Jul 2021 16:21
 Operator : VA/SY
 Sample : M3039-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-12-5.5-6.0

Quant Time: Jul 20 02:13:25 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)

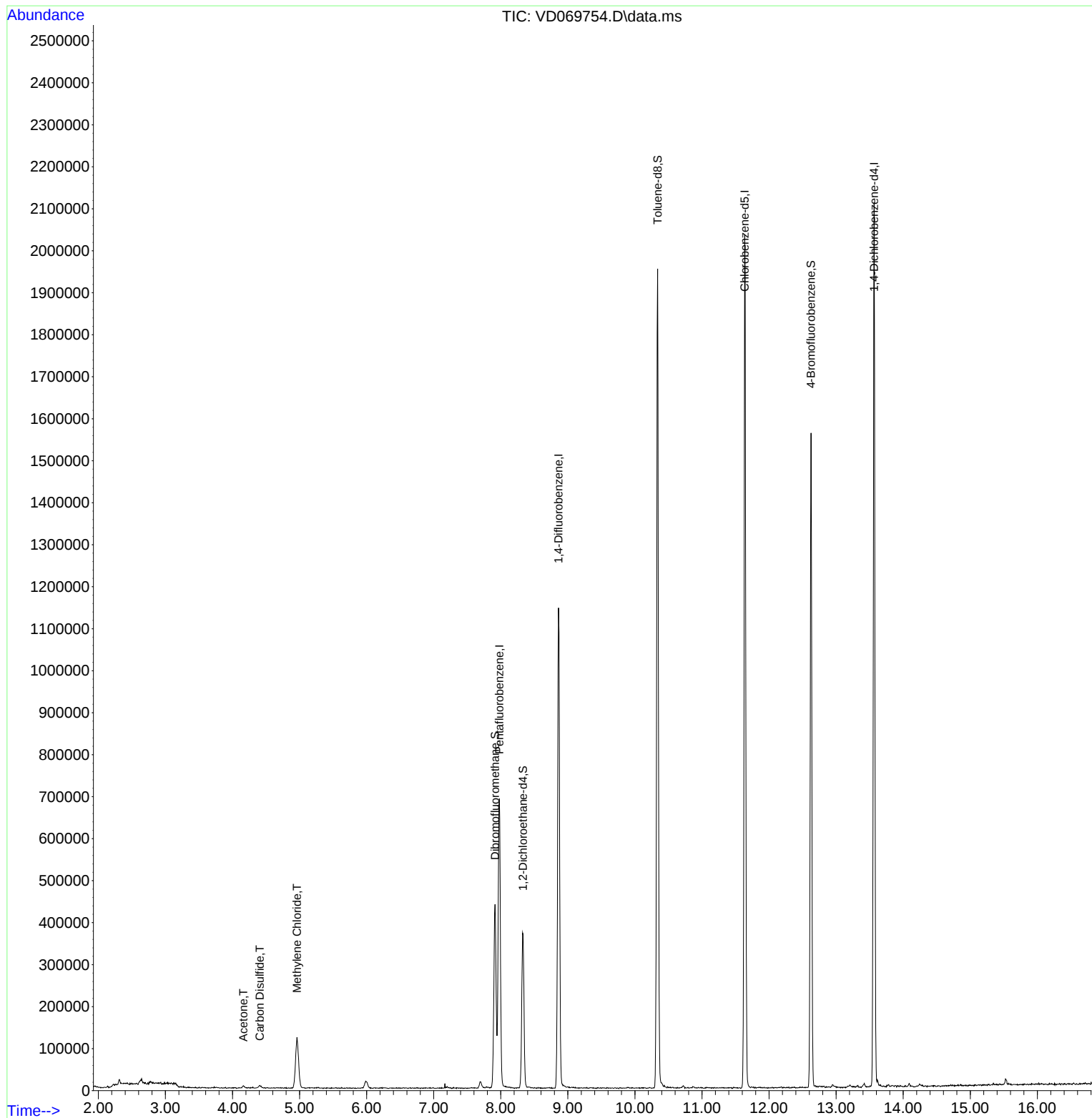
Internal Standards						
1) Pentafluorobenzene	7.979	168	494456	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	986979	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1161644	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	538580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	303861	49.217	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.440%		
35) Dibromofluoromethane	7.914	113	320058	48.336	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.680%		
50) Toluene-d8	10.338	98	1330347	51.716	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.440%		
62) 4-Bromofluorobenzene	12.626	95	530765	61.866	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	123.740%		
Target Compounds					Qvalue	
16) Acetone	4.162	43	8733	19.200	ug/l	97
17) Carbon Disulfide	4.409	76	11891	1.055	ug/l	95
20) Methylene Chloride	4.961	84	95120	6.540	ug/l	95

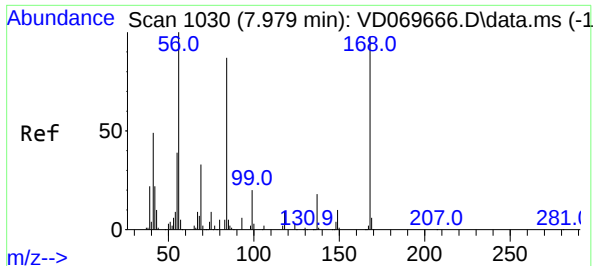
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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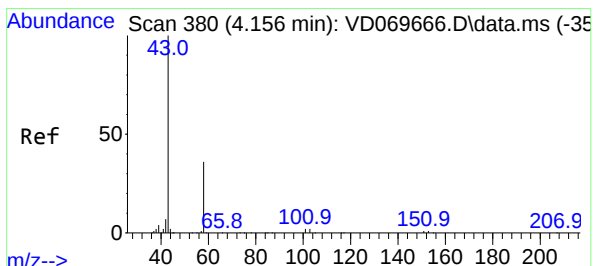
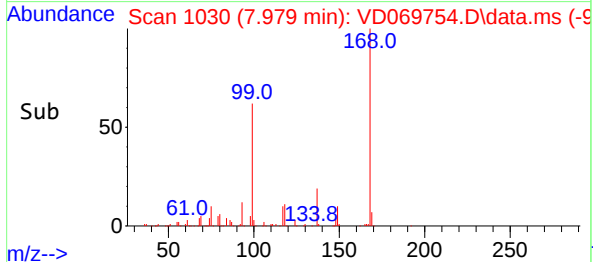
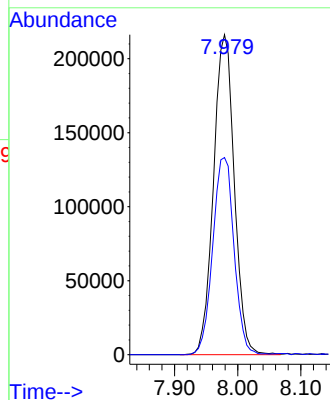
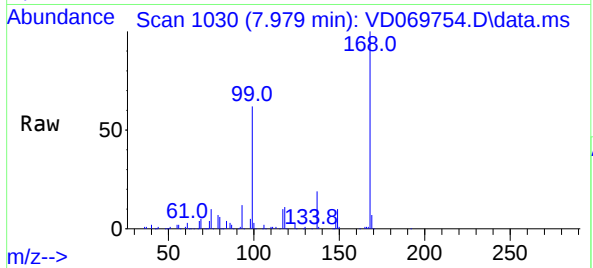




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069754.D
Acq: 19 Jul 2021 16:21

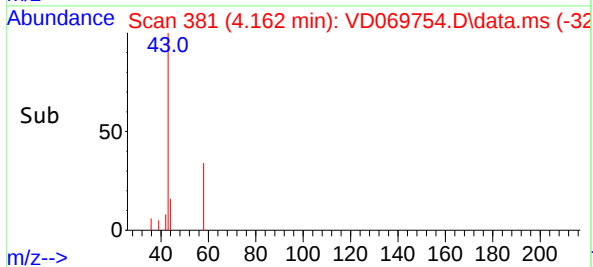
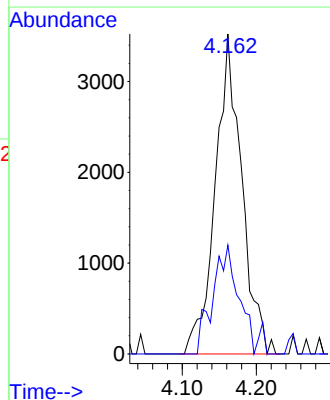
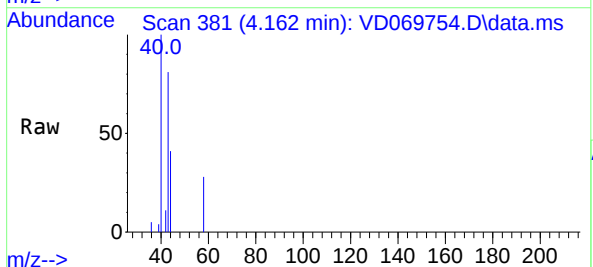
Instrument :
MSVOA_D
ClientSampleId :
SB-12-5.5-6.0

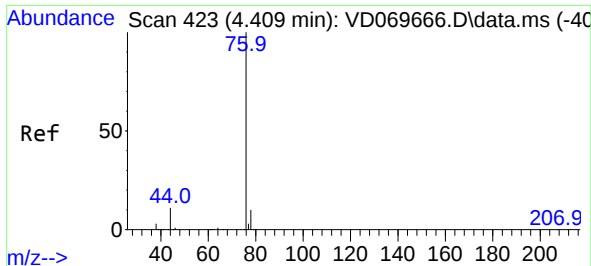
Tgt Ion:168 Resp: 494456
Ion Ratio Lower Upper
168 100
99 61.6 51.8 77.6



#16
Acetone
Concen: 19.200 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD069754.D
Acq: 19 Jul 2021 16:21

Tgt Ion: 43 Resp: 8733
Ion Ratio Lower Upper
43 100
58 34.0 28.6 42.8

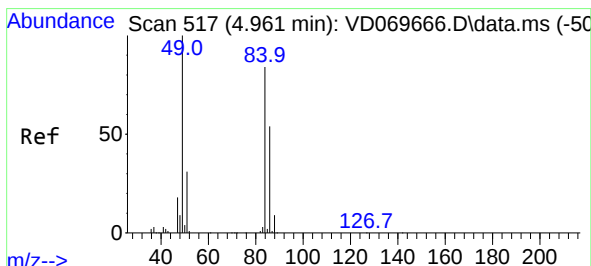
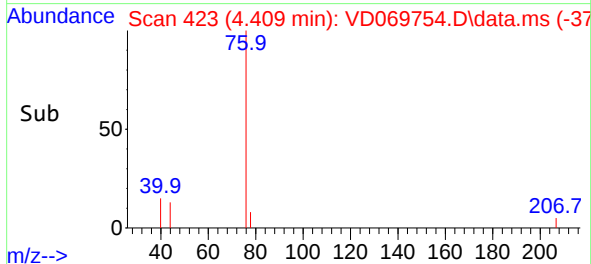
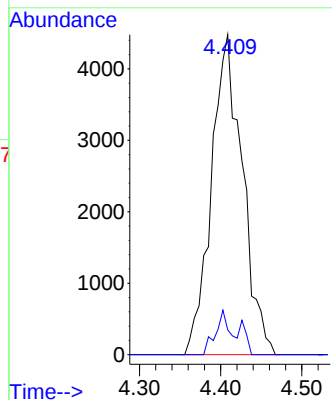
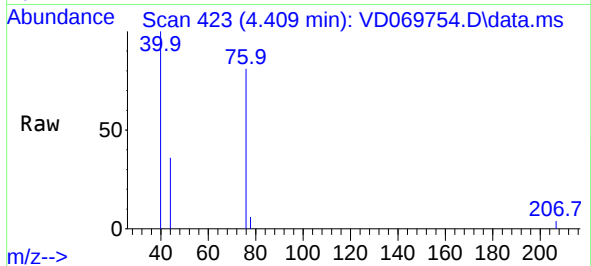




#17
Carbon Disulfide
Concen: 1.055 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD069754.D
Acq: 19 Jul 2021 16:21

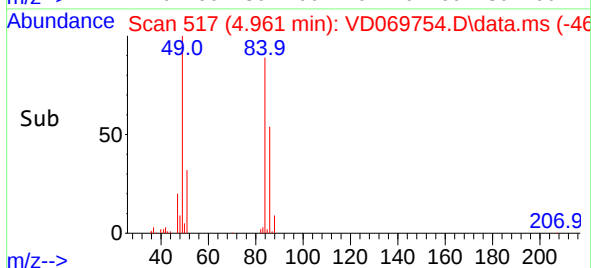
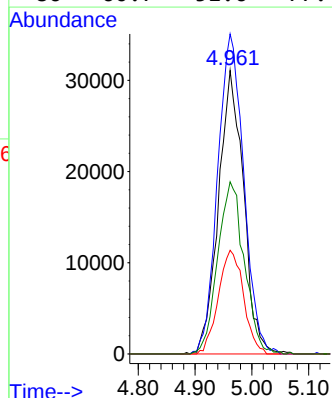
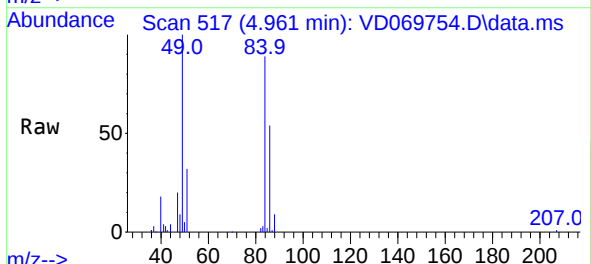
Instrument :
MSVOA_D
ClientSampleId :
SB-12-5.5-6.0

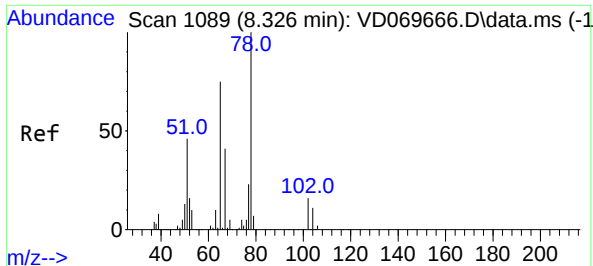
Tgt Ion: 76 Resp: 11891
Ion Ratio Lower Upper
76 100
78 7.8 7.6 11.4



#20
Methylene Chloride
Concen: 6.540 ug/l
RT: 4.961 min Scan# 517
Delta R.T. 0.000 min
Lab File: VD069754.D
Acq: 19 Jul 2021 16:21

Tgt Ion: 84 Resp: 95120
Ion Ratio Lower Upper
84 100
49 112.9 95.5 143.3
51 36.6 29.7 44.5
86 60.7 51.6 77.4

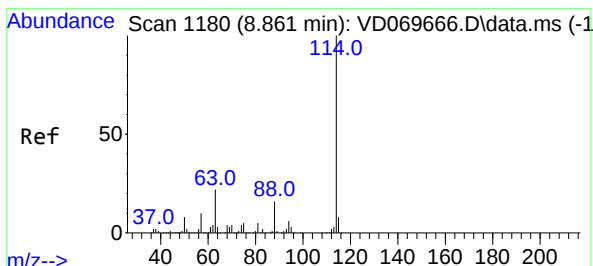
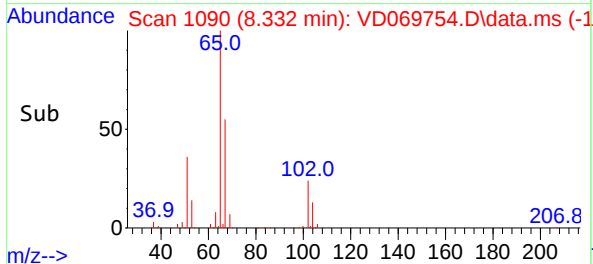
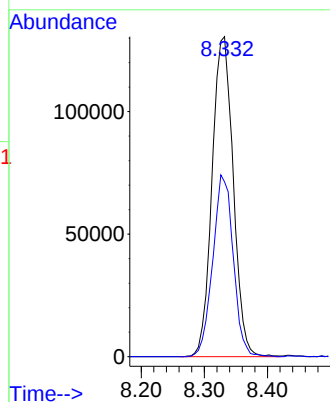
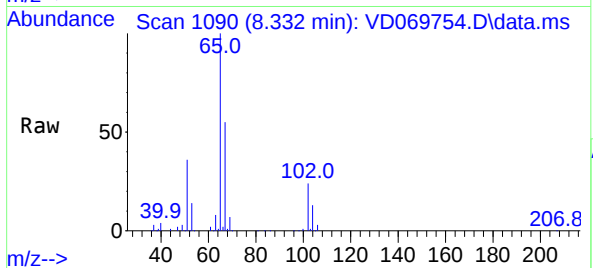




#33
1,2-Dichloroethane-d4
Concen: 49.217 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069754.D
Acq: 19 Jul 2021 16:21

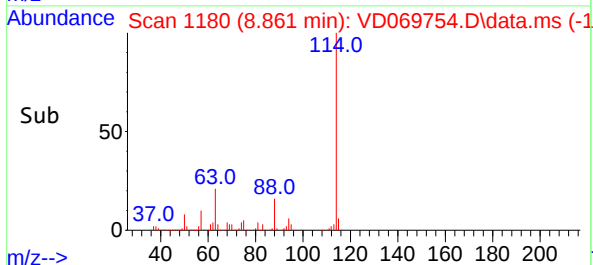
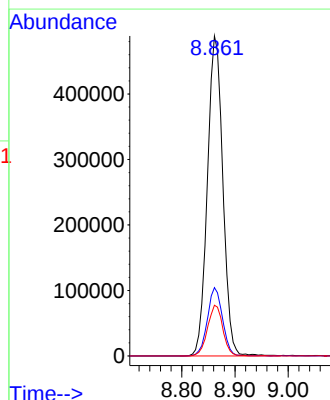
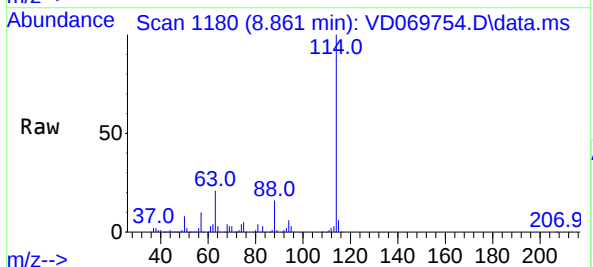
Instrument :
MSVOA_D
ClientSampleId :
SB-12-5.5-6.0

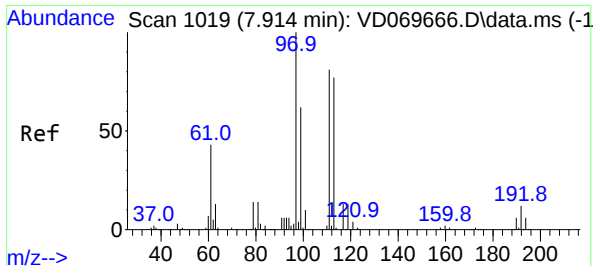
Tgt Ion: 65 Resp: 303861
Ion Ratio Lower Upper
65 100
67 55.0 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069754.D
Acq: 19 Jul 2021 16:21

Tgt Ion:114 Resp: 986979
Ion Ratio Lower Upper
114 100
63 21.3 0.0 43.4
88 15.9 0.0 32.0

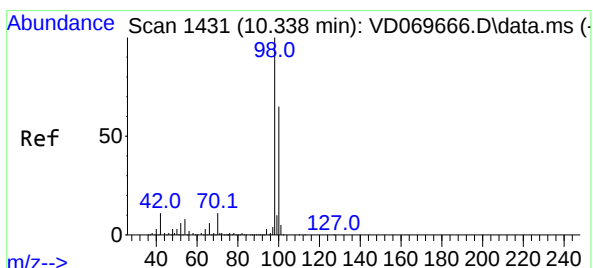
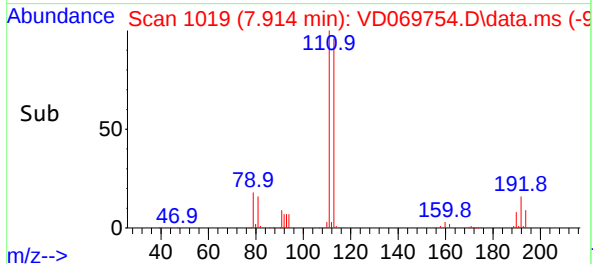
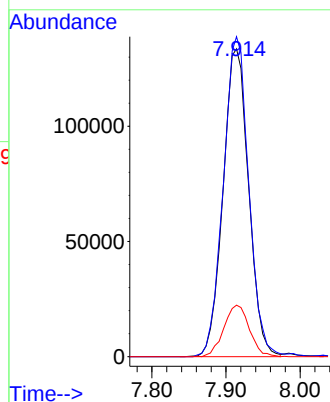
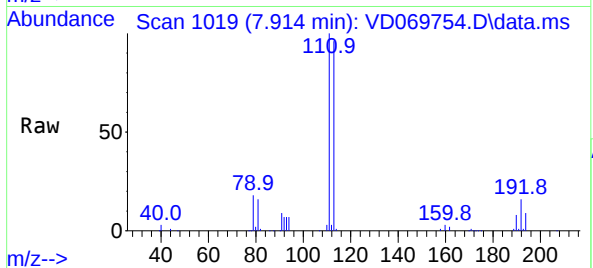




#35
Dibromofluoromethane
Concen: 48.336 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069754.D
Acq: 19 Jul 2021 16:21

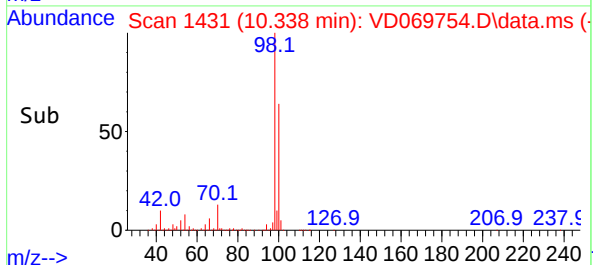
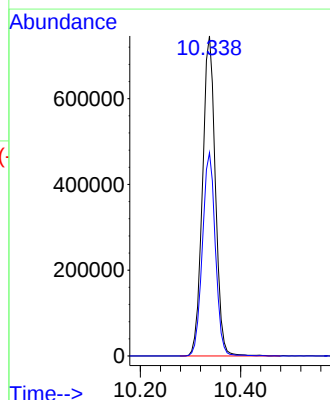
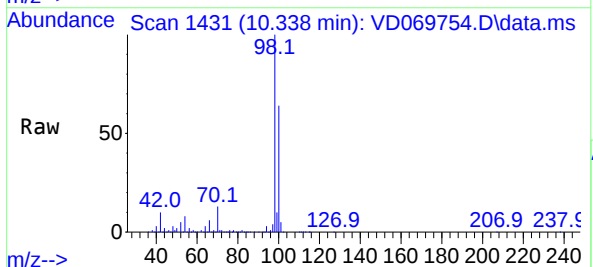
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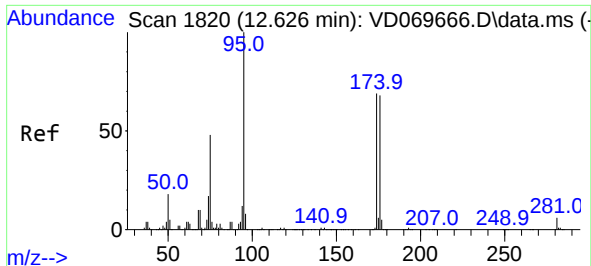
Tgt Ion:113 Resp: 320058
Ion Ratio Lower Upper
113 100
111 103.8 82.6 123.8
192 16.8 12.7 19.1



#50
Toluene-d8
Concen: 51.716 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069754.D
Acq: 19 Jul 2021 16:21

Tgt Ion: 98 Resp: 1330347
Ion Ratio Lower Upper
98 100
100 63.9 52.2 78.2

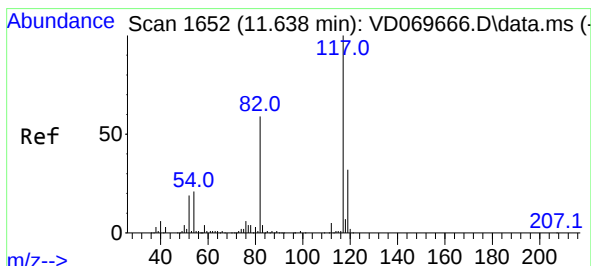
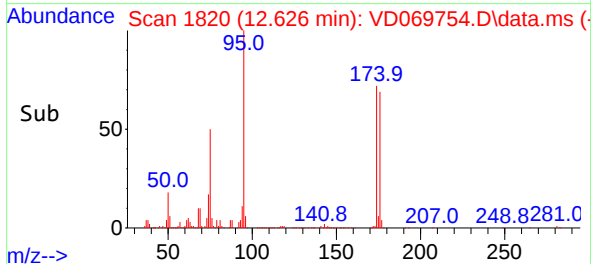
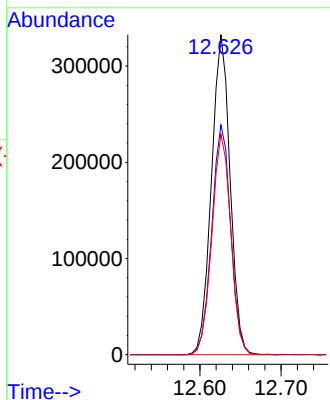
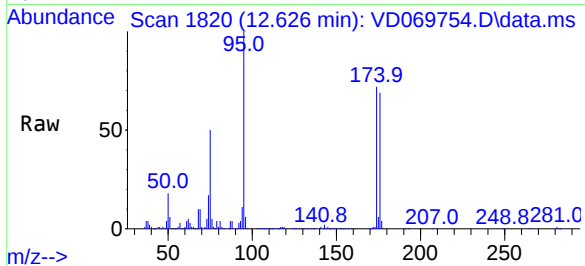




#62
4-Bromofluorobenzene
Concen: 61.866 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069754.D
Acq: 19 Jul 2021 16:21

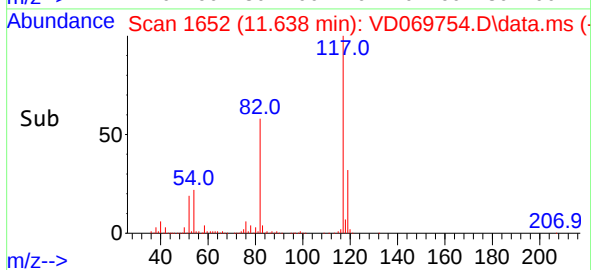
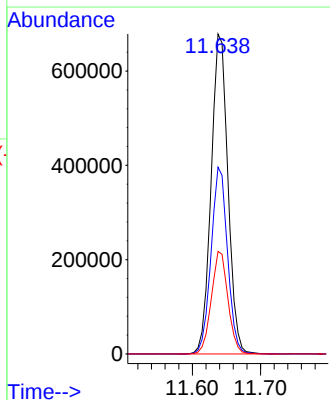
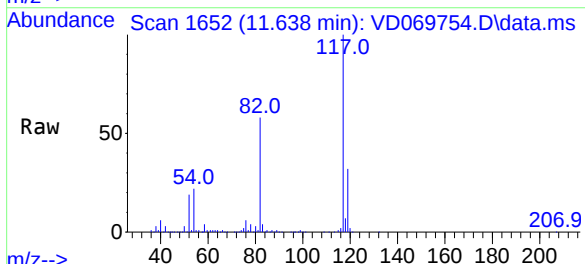
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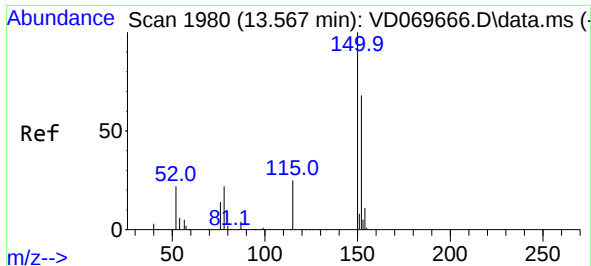
Tgt Ion: 95 Resp: 530765
Ion Ratio Lower Upper
95 100
174 73.0 0.0 140.0
176 69.6 0.0 136.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069754.D
Acq: 19 Jul 2021 16:21

Tgt Ion: 117 Resp: 1161644
Ion Ratio Lower Upper
117 100
82 58.4 47.4 71.2
119 32.1 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: VD069754.D
 Acq: 19 Jul 2021 16:21

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-12-5.5-6.0

Tgt Ion:152 Resp: 538580

Ion	Ratio	Lower	Upper
152	100		
115	61.5	31.7	95.1
150	159.8	0.0	350.4

