

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100821\
 Data File : VD070649.D
 Acq On : 08 Oct 2021 20:06
 Operator : VA/SY
 Sample : M4020-02
 Misc : 7.29G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-844-R-SO-4-4.5-093021

Quant Time: Oct 11 02:25:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

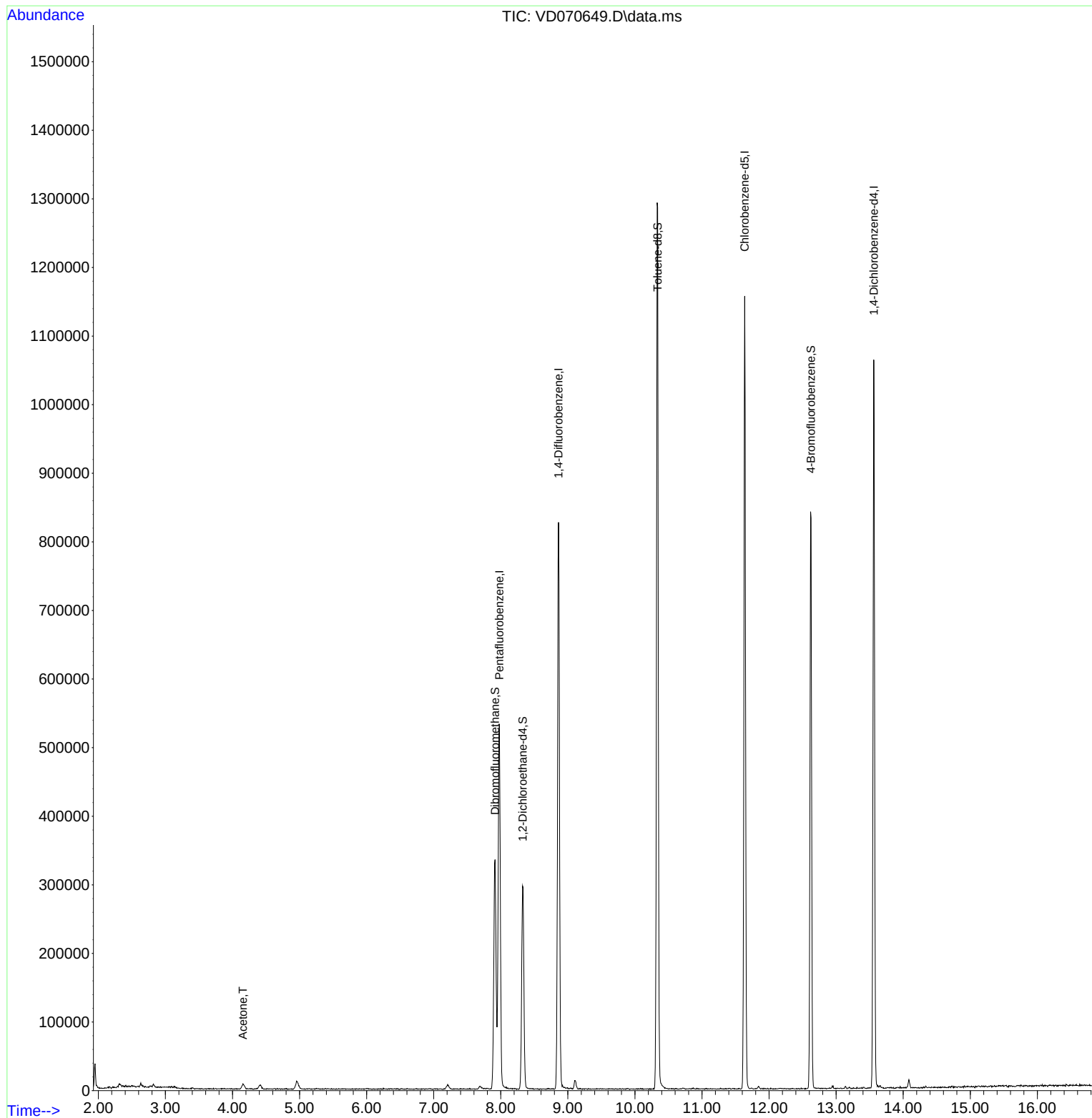
Internal Standards						
1) Pentafluorobenzene	7.979	168	376429	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	727281	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	687023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	285883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	245531	55.424	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.840%
35) Dibromofluoromethane	7.914	113	248888	51.472	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.940%
50) Toluene-d8	10.338	98	928803	50.246	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.500%
62) 4-Bromofluorobenzene	12.626	95	282744	45.765	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.540%
Target Compounds						
16) Acetone	4.156	43	11999	15.950	ug/l	Qvalue 99

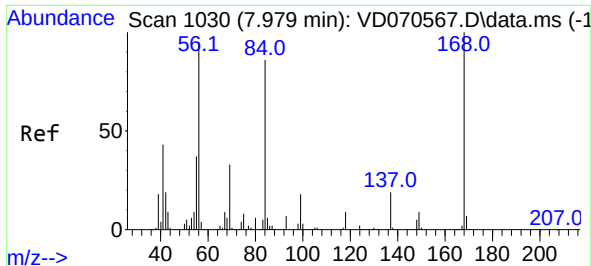
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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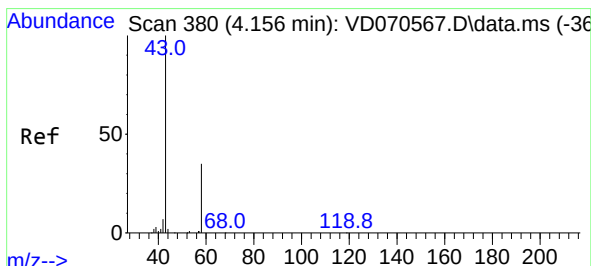
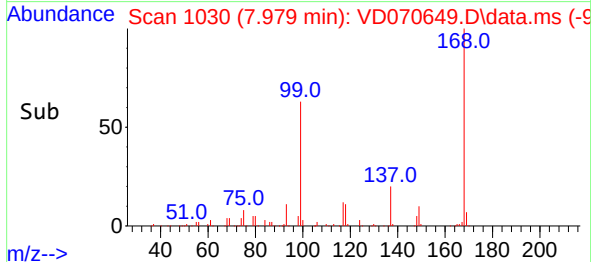
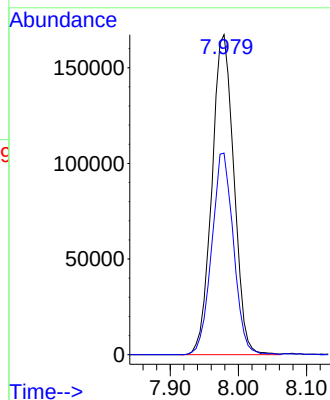
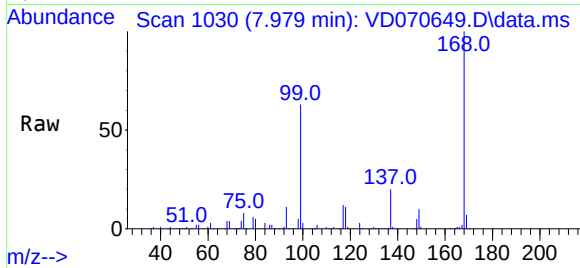




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070649.D
Acq: 08 Oct 2021 20:06

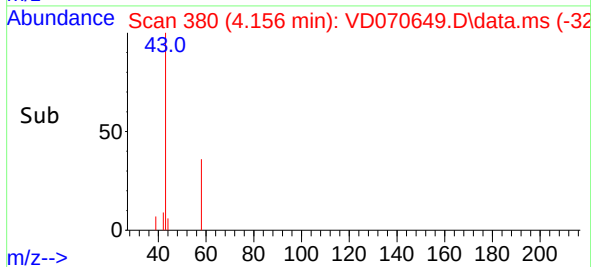
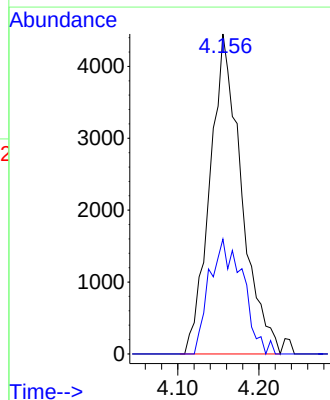
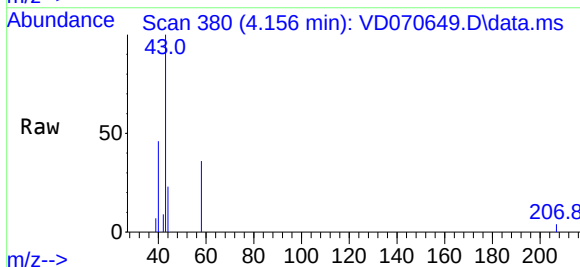
Instrument :
MSVOA_D
ClientSampleId :
S-844-R-SO-4-4.5-093021

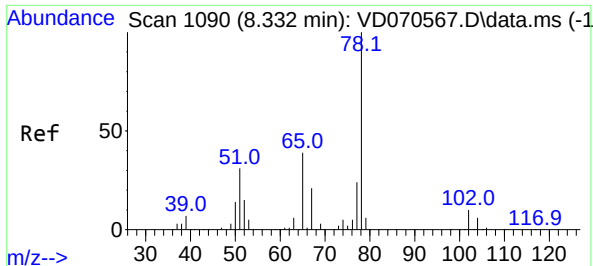
Tgt Ion:168 Resp: 376429
Ion Ratio Lower Upper
168 100
99 63.0 51.4 77.0



#16
Acetone
Concen: 15.950 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070649.D
Acq: 08 Oct 2021 20:06

Tgt Ion: 43 Resp: 11999
Ion Ratio Lower Upper
43 100
58 35.9 28.2 42.2



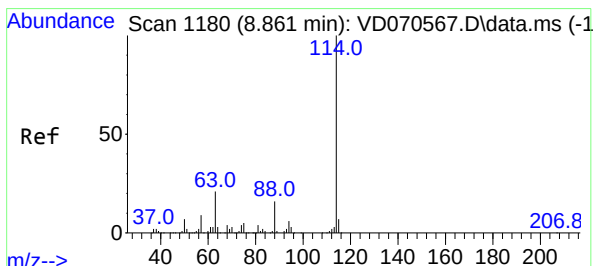
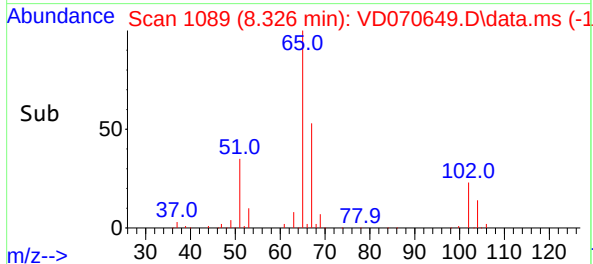
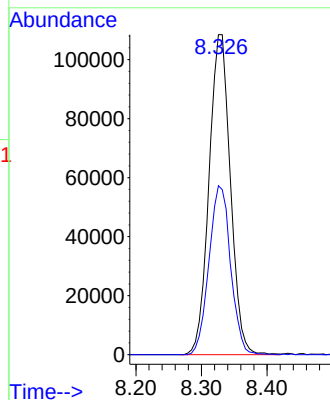
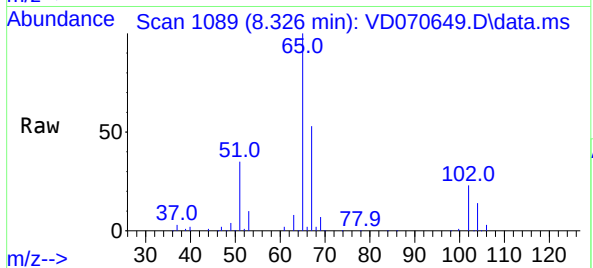


#33

1,2-Dichloroethane-d4
Concen: 55.424 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070649.D
Acq: 08 Oct 2021 20:06

Instrument :
MSVOA_D
ClientSampleId :
S-844-R-SO-4-4.5-093021

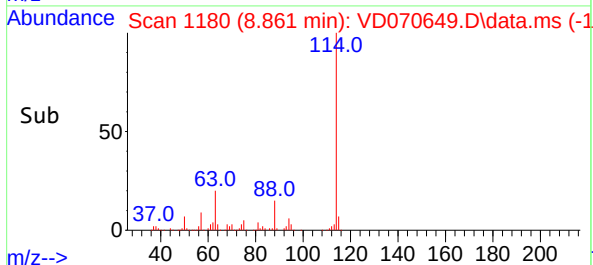
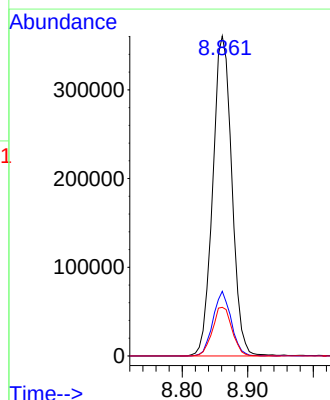
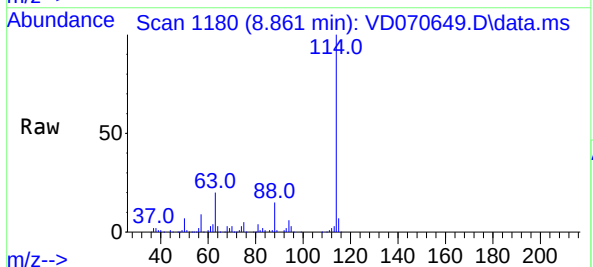
Tgt Ion: 65 Resp: 245531
Ion Ratio Lower Upper
65 100
67 53.4 0.0 110.2

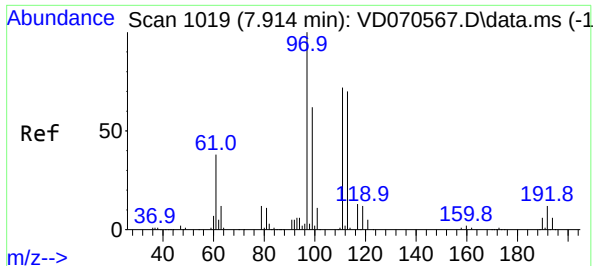


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070649.D
Acq: 08 Oct 2021 20:06

Tgt Ion: 114 Resp: 727281
Ion Ratio Lower Upper
114 100
63 20.2 0.0 41.8
88 15.2 0.0 32.6

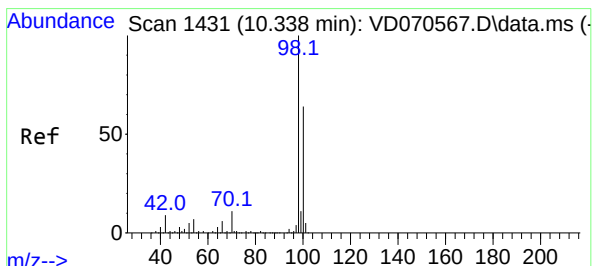
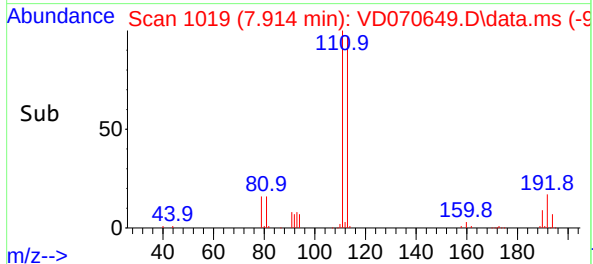
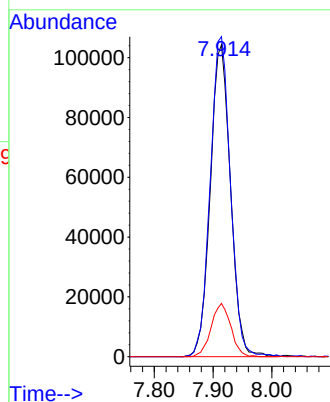
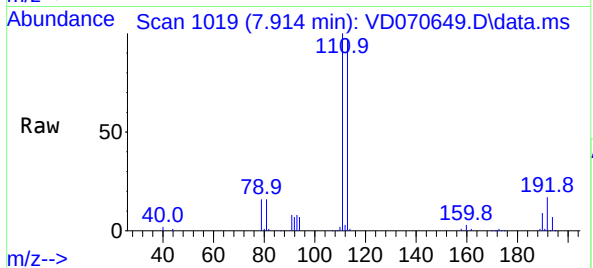




#35
Dibromofluoromethane
Concen: 51.472 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070649.D
Acq: 08 Oct 2021 20:06

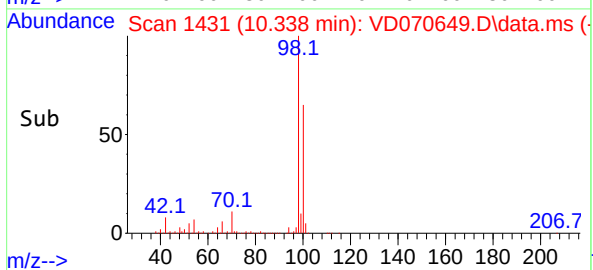
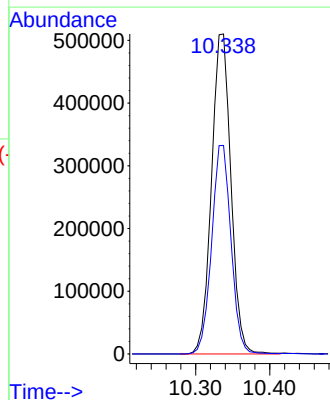
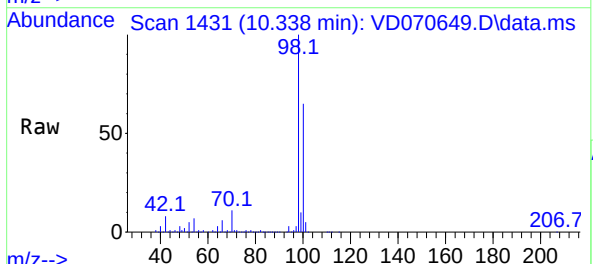
Instrument :
MSVOA_D
ClientSampleId :
S-844-R-SO-4-4.5-093021

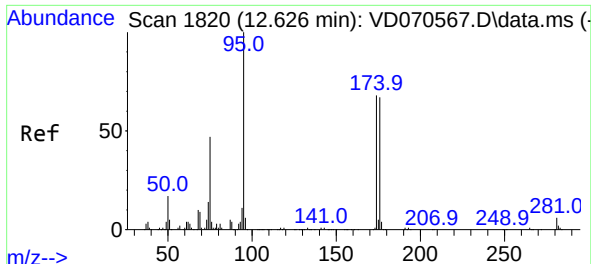
Tgt Ion:113 Resp: 248888
Ion Ratio Lower Upper
113 100
111 102.9 83.1 124.7
192 16.7 12.7 19.1



#50
Toluene-d8
Concen: 50.246 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070649.D
Acq: 08 Oct 2021 20:06

Tgt Ion: 98 Resp: 928803
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.4

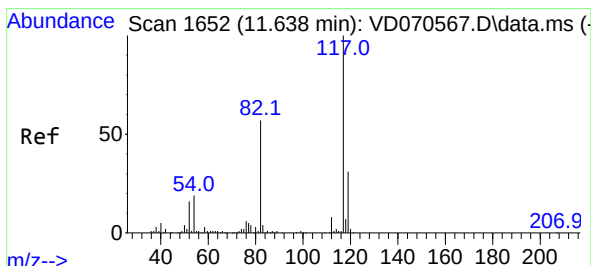
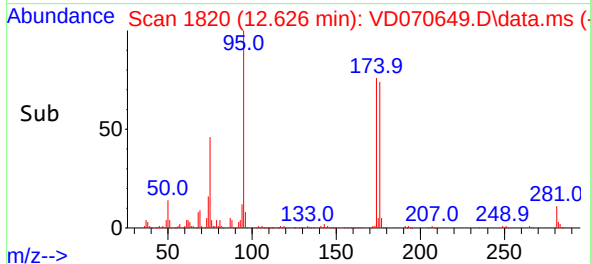
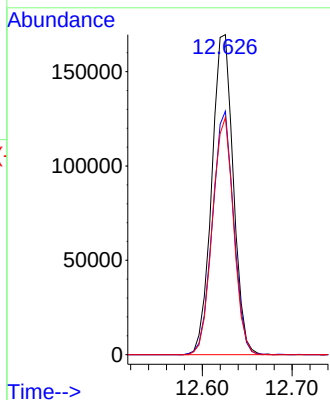
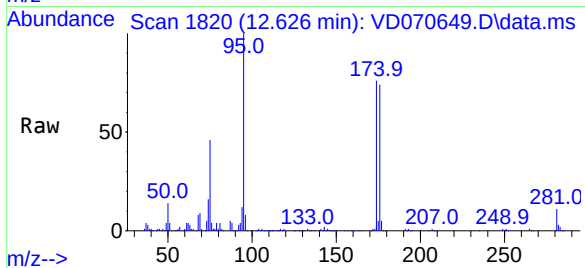




#62
4-Bromofluorobenzene
Concen: 45.765 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070649.D
Acq: 08 Oct 2021 20:06

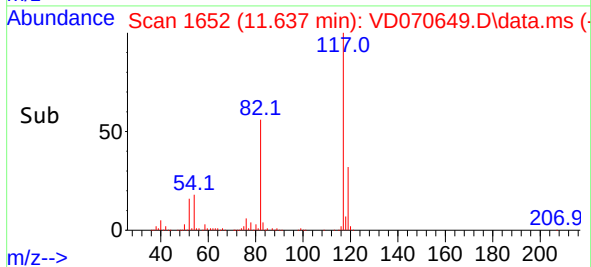
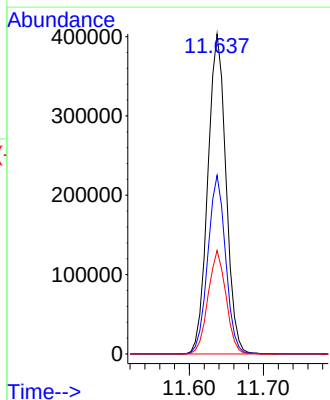
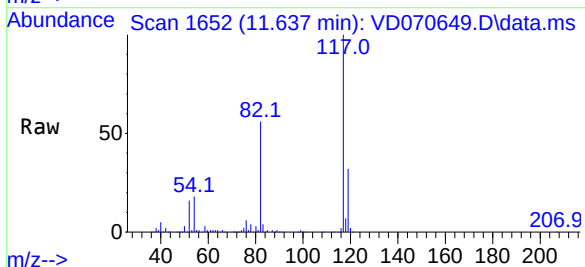
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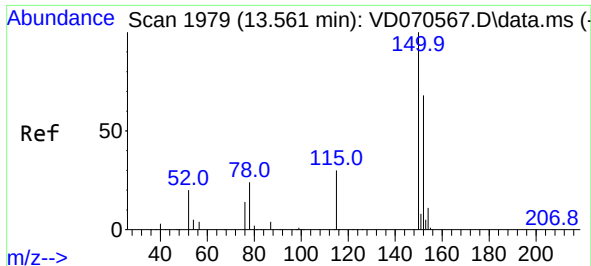
Tgt Ion:	95	Resp:	282744
Ion	Ratio	Lower	Upper
95	100		
174	74.9	0.0	138.0
176	72.8	0.0	135.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070649.D
Acq: 08 Oct 2021 20:06

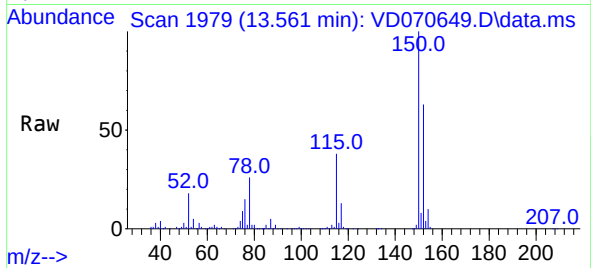
Tgt Ion:	117	Resp:	687023
Ion	Ratio	Lower	Upper
117	100		
82	55.8	45.4	68.2
119	32.3	24.7	37.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VD070649.D
 Acq: 08 Oct 2021 20:06

Instrument :
 MSVOA_D
 ClientSampleId :
 S-844-R-SO-4-4.5-093021



Tgt Ion:152 Resp: 285883

Ion	Ratio	Lower	Upper
152	100		
115	60.4	31.9	95.7
150	158.1	0.0	350.0

