

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100821\
 Data File : VD070634.D
 Acq On : 08 Oct 2021 12:59
 Operator : VA/SY
 Sample : M4113-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Oct 11 02:22:13 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)

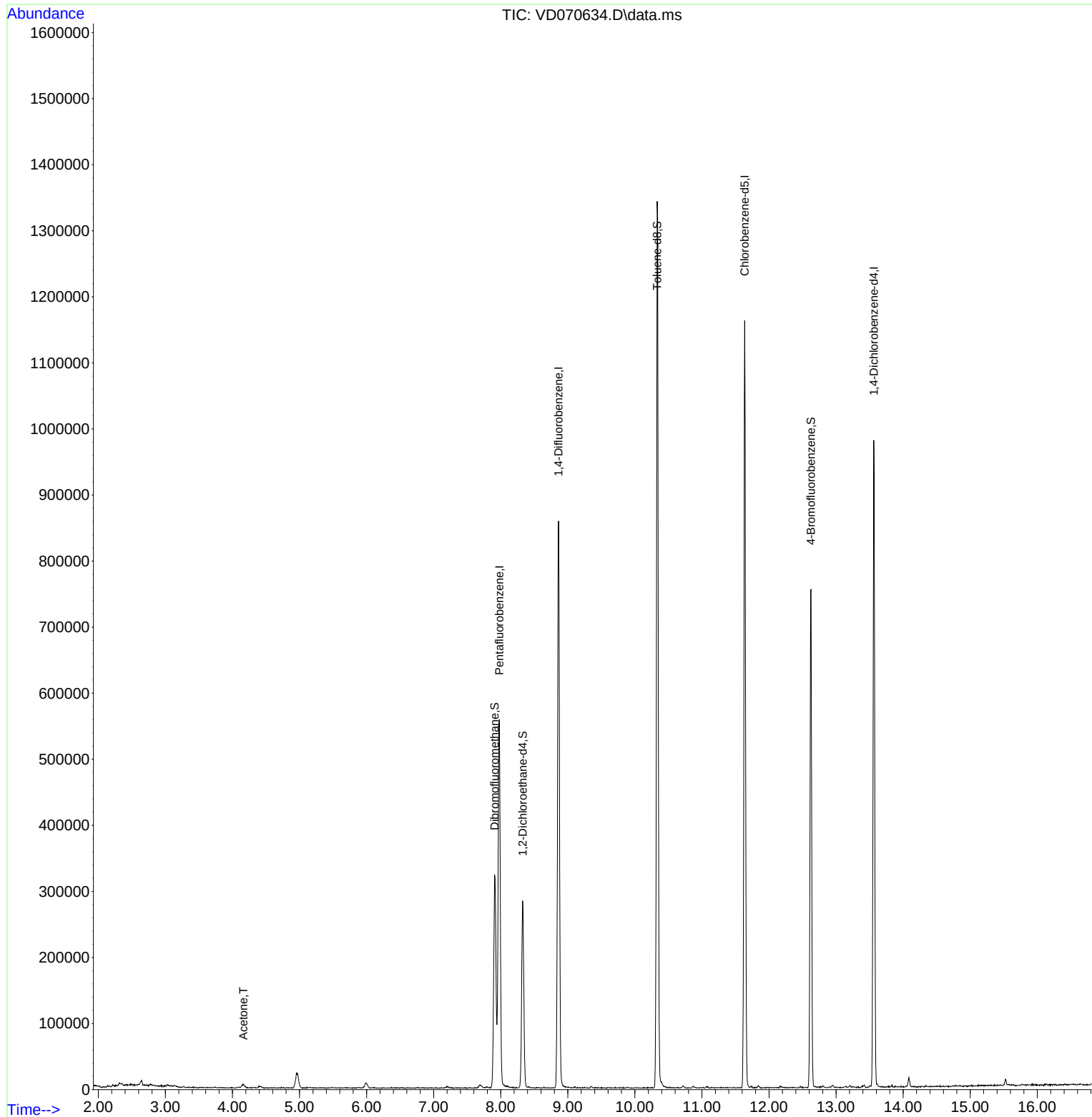
Internal Standards						
1) Pentafluorobenzene	7.979	168	392383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	748938	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	679836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	265098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	221712	48.012	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.020%
35) Dibromofluoromethane	7.909	113	240840	48.368	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.740%
50) Toluene-d8	10.332	98	951332	49.977	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.960%
62) 4-Bromofluorobenzene	12.626	95	272079	42.766	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.540%
Target Compounds						
16) Acetone	4.162	43	9273	11.825	ug/l	Qvalue 88

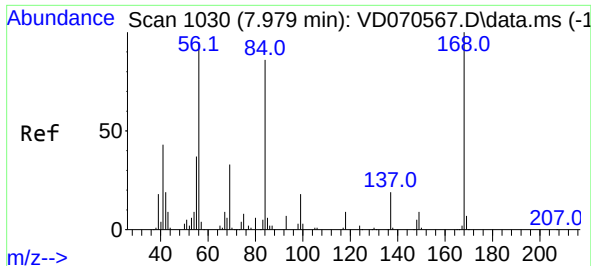
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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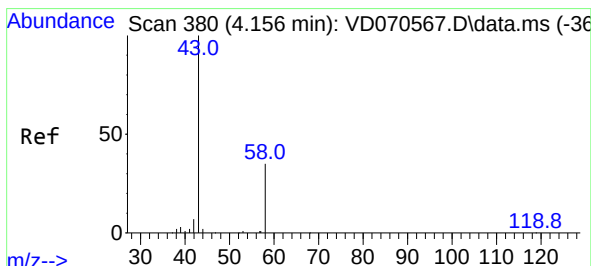
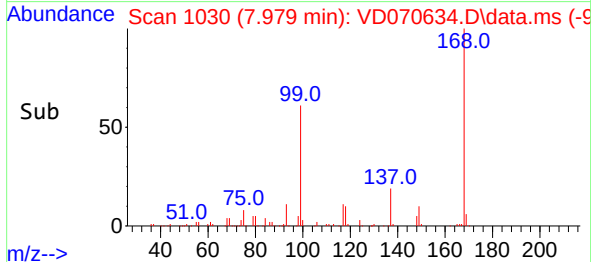
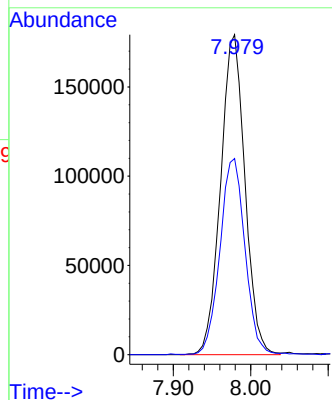
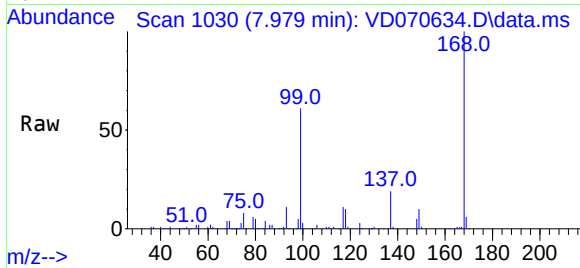




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070634.D
Acq: 08 Oct 2021 12:59

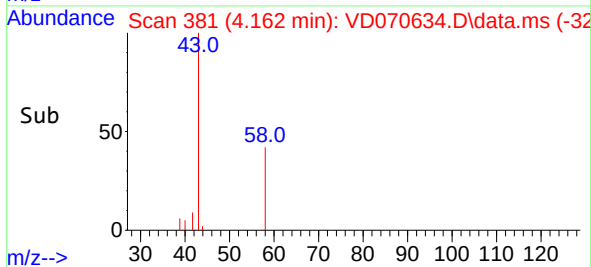
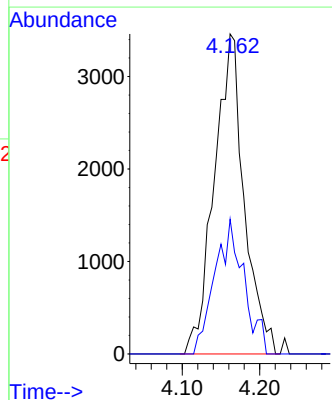
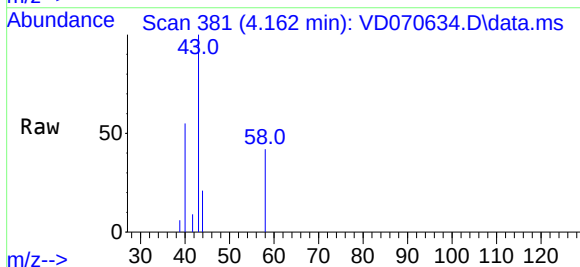
Instrument :
MSVOA_D
ClientSampled :
TP-1

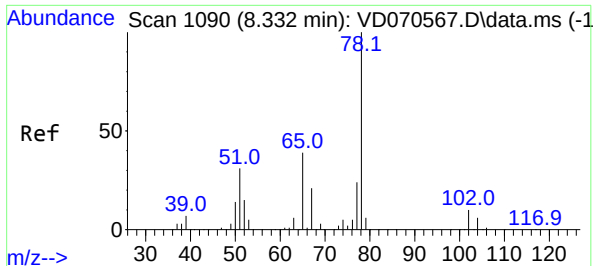
Tgt Ion:168 Resp: 392383
Ion Ratio Lower Upper
168 100
99 61.2 51.4 77.0



#16
Acetone
Concen: 11.825 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070634.D
Acq: 08 Oct 2021 12:59

Tgt Ion: 43 Resp: 9273
Ion Ratio Lower Upper
43 100
58 42.1 28.2 42.2



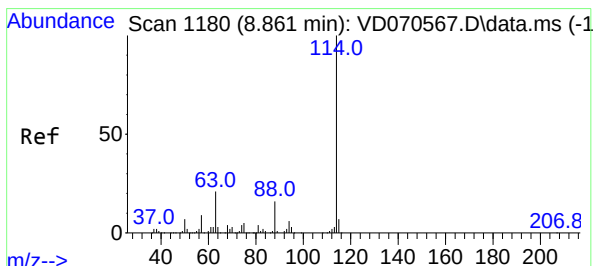
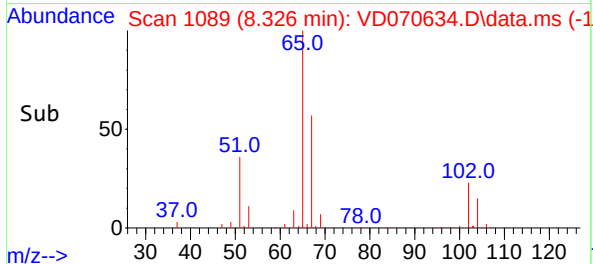
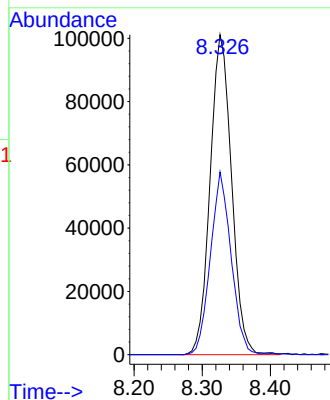
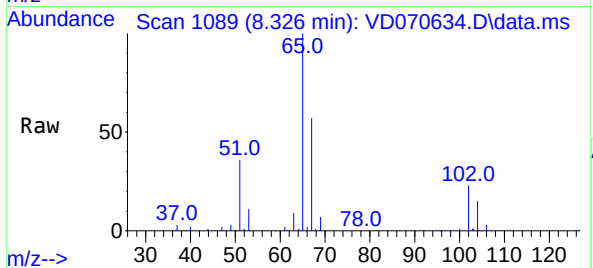


#33

1,2-Dichloroethane-d4
Concen: 48.012 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070634.D
Acq: 08 Oct 2021 12:59

Instrument :
MSVOA_D
ClientSampled :
TP-1

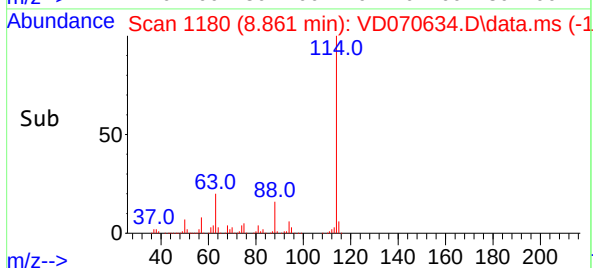
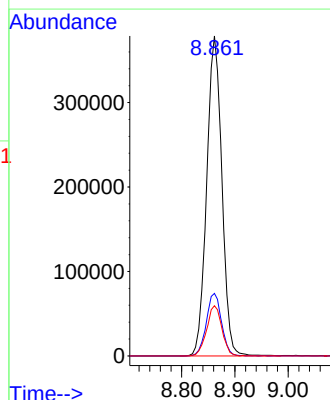
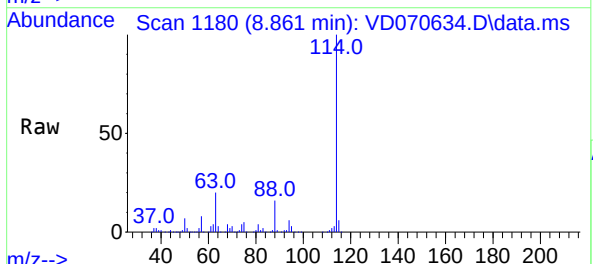
Tgt Ion: 65 Resp: 221712
Ion Ratio Lower Upper
65 100
67 55.0 0.0 110.2

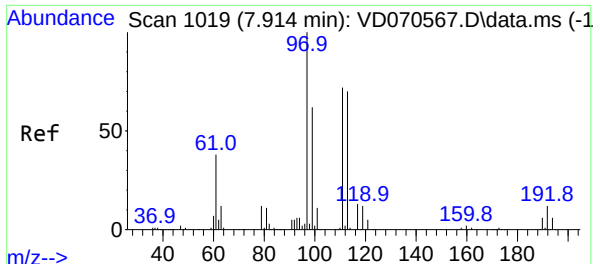


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070634.D
Acq: 08 Oct 2021 12:59

Tgt Ion: 114 Resp: 748938
Ion Ratio Lower Upper
114 100
63 19.6 0.0 41.8
88 15.7 0.0 32.6

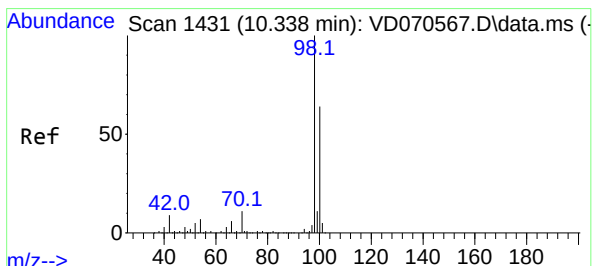
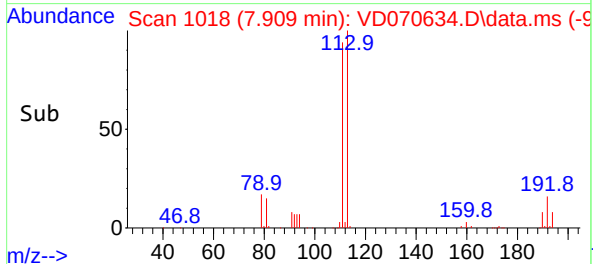
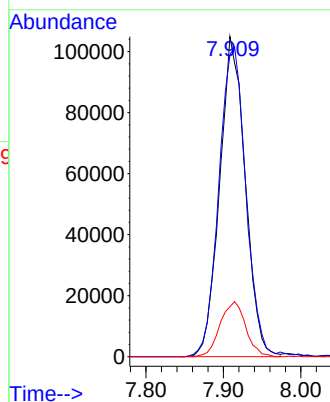
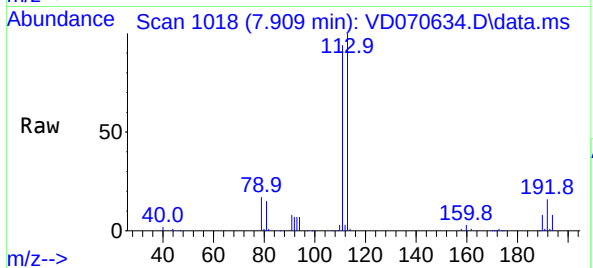




#35
Dibromofluoromethane
Concen: 48.368 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070634.D
Acq: 08 Oct 2021 12:59

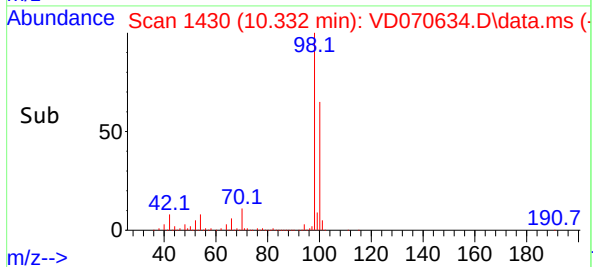
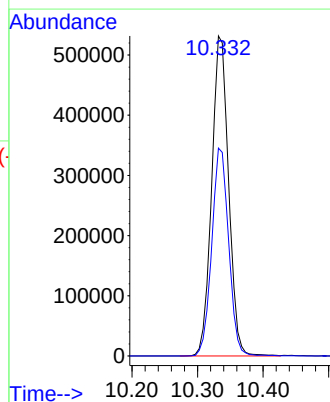
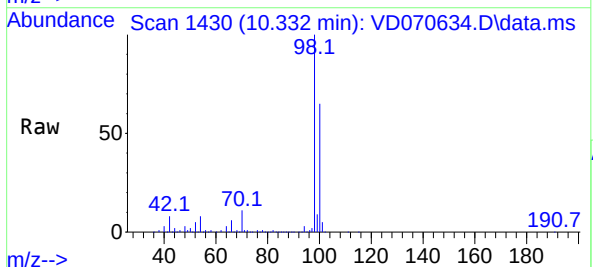
Instrument :
MSVOA_D
ClientSampled :
TP-1

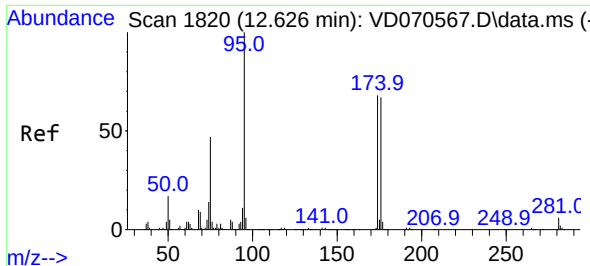
Tgt Ion:113 Resp: 240840
Ion Ratio Lower Upper
113 100
111 102.8 83.1 124.7
192 17.2 12.7 19.1



#50
Toluene-d8
Concen: 49.977 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070634.D
Acq: 08 Oct 2021 12:59

Tgt Ion: 98 Resp: 951332
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4



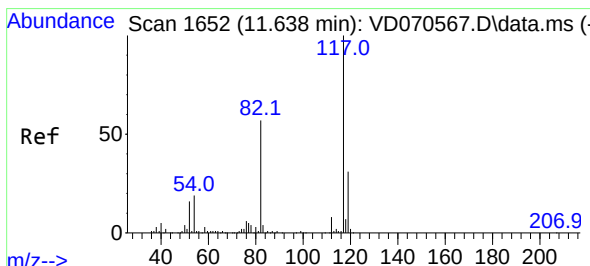
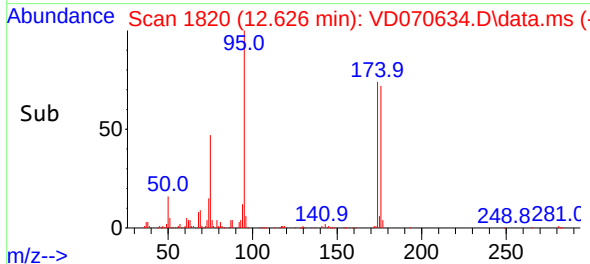
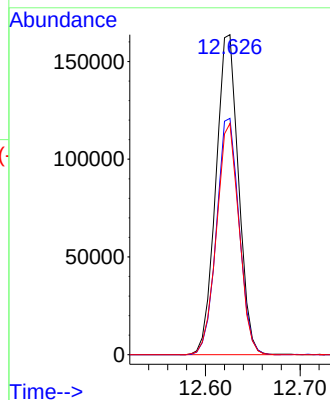
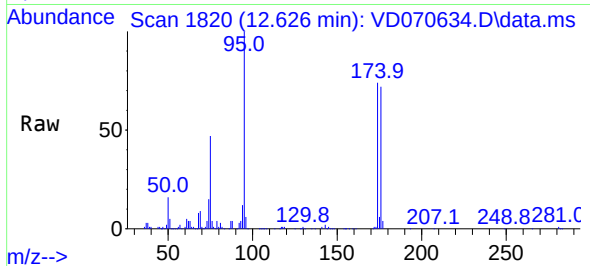


#62
4-Bromofluorobenzene
Concen: 42.766 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070634.D
Acq: 08 Oct 2021 12:59

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tgt Ion: 95 Resp: 272079

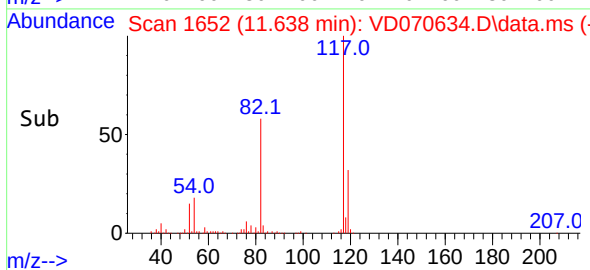
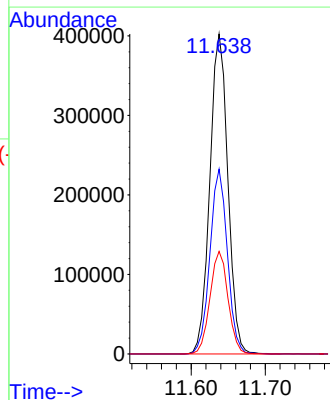
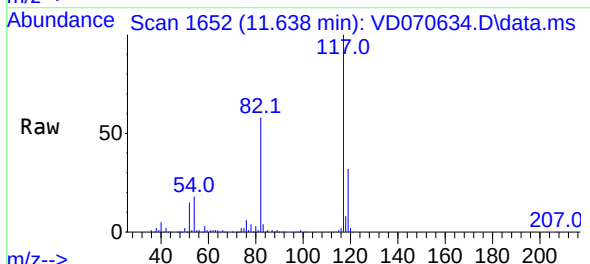
Ion	Ratio	Lower	Upper
95	100		
174	73.9	0.0	138.0
176	71.7	0.0	135.6

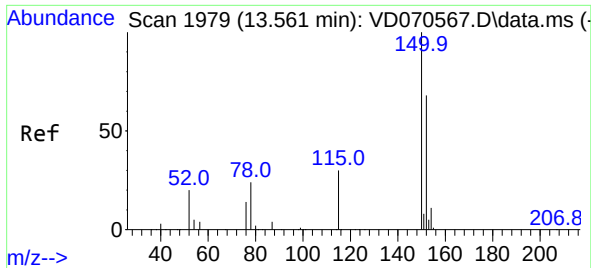


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070634.D
Acq: 08 Oct 2021 12:59

Tgt Ion: 117 Resp: 679836

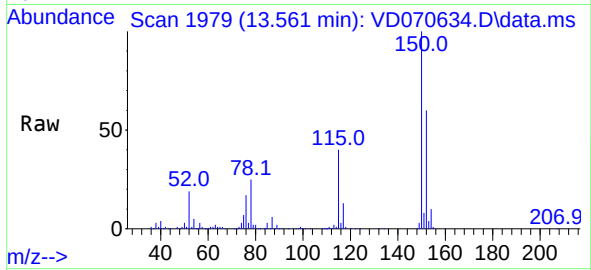
Ion	Ratio	Lower	Upper
117	100		
82	57.8	45.4	68.2
119	32.0	24.7	37.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD070634.D
 Acq: 08 Oct 2021 12:59

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1



Tgt Ion:152 Resp: 265098

Ion	Ratio	Lower	Upper
152	100		
115	63.2	31.9	95.7
150	160.8	0.0	350.0

