

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081721\
 Data File : VD070086.D
 Acq On : 17 Aug 2021 14:14
 Operator : VA/SY
 Sample : M3425-16
 Misc : 14.42G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 23N

Quant Time: Aug 18 03:06:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

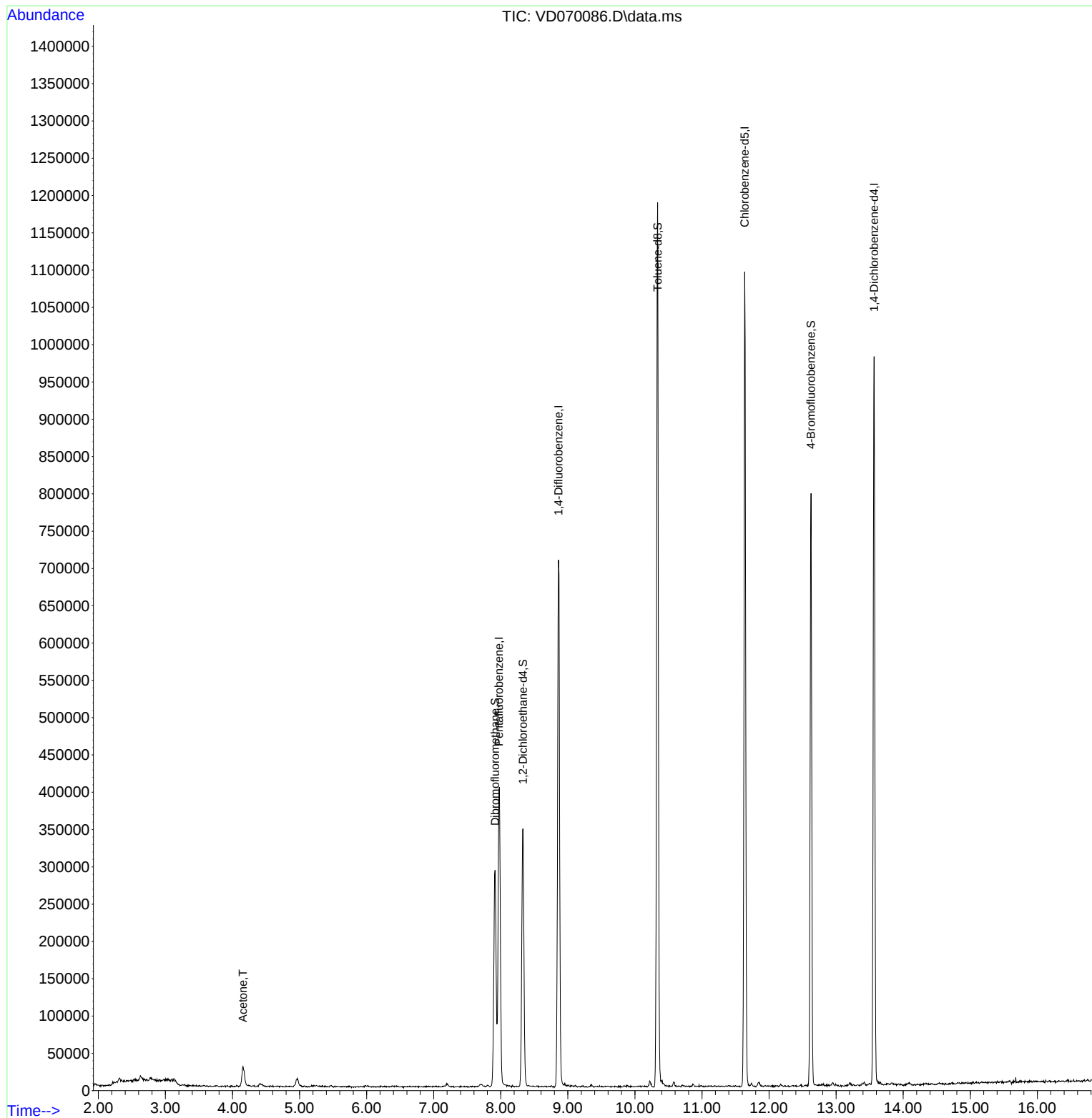
Internal Standards						
1) Pentafluorobenzene	7.973	168	290087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	621116	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	645556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	261150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	272055	79.738	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	159.480%
35) Dibromofluoromethane	7.914	113	218561	54.466	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.940%
50) Toluene-d8	10.338	98	820478	52.569	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.140%
62) 4-Bromofluorobenzene	12.626	95	261653	50.898	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.800%
Target Compounds					Qvalue	
16) Acetone	4.156	43	47460	75.510	ug/l	95

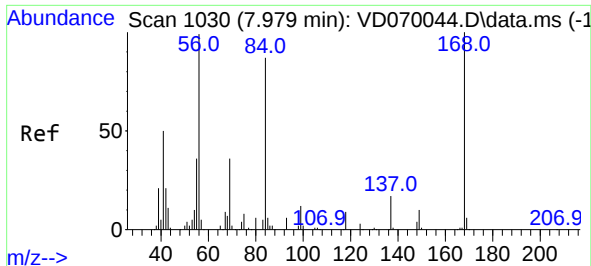
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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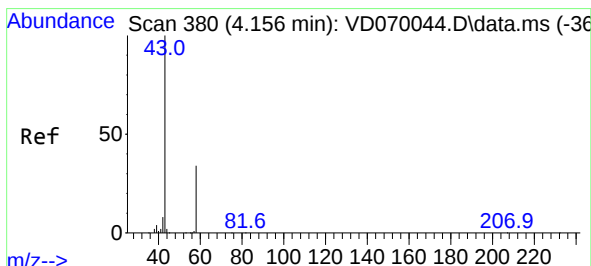
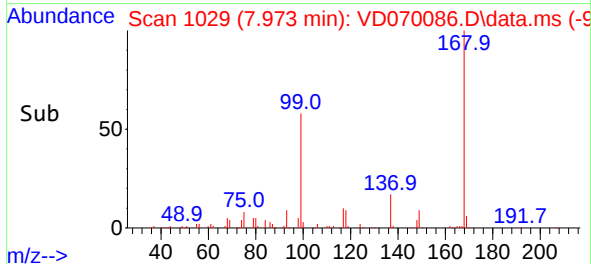
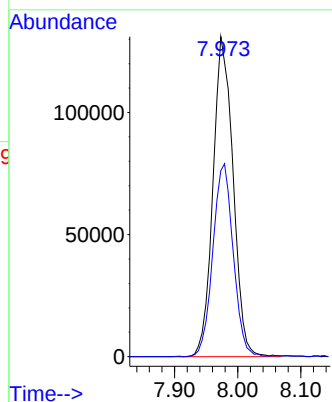
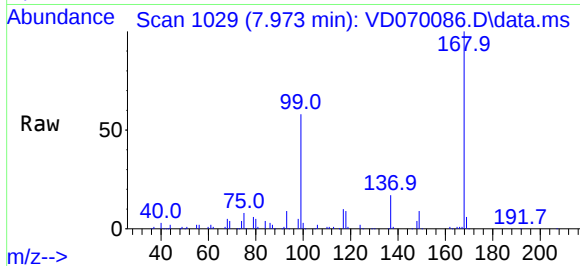




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070086.D
Acq: 17 Aug 2021 14:14

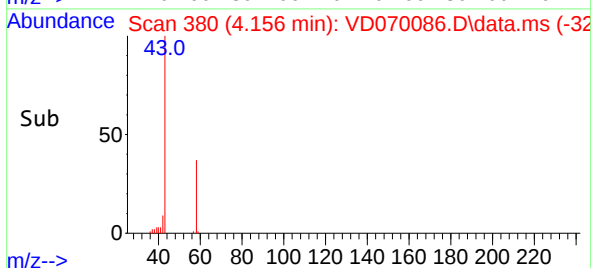
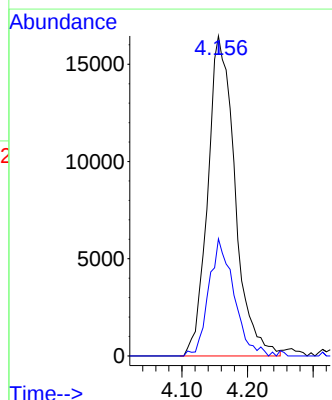
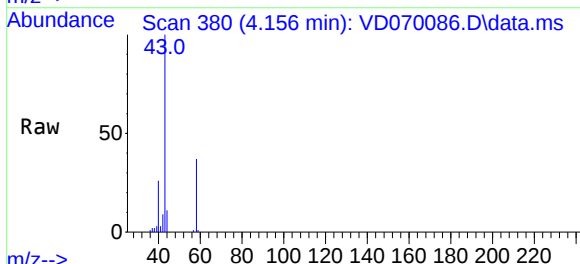
Instrument :
MSVOA_D
ClientSampled :
23N

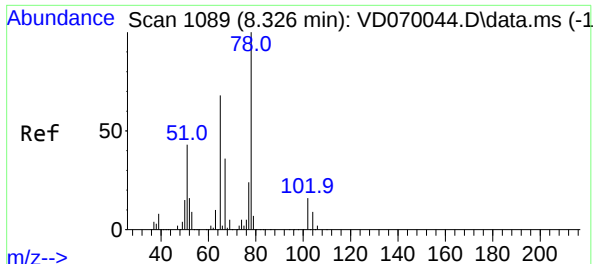
Tgt Ion:168 Resp: 290087
Ion Ratio Lower Upper
168 100
99 58.0 50.3 75.5



#16
Acetone
Concen: 75.510 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070086.D
Acq: 17 Aug 2021 14:14

Tgt Ion: 43 Resp: 47460
Ion Ratio Lower Upper
43 100
58 36.6 26.8 40.2

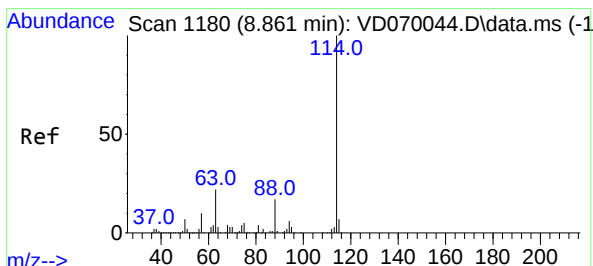
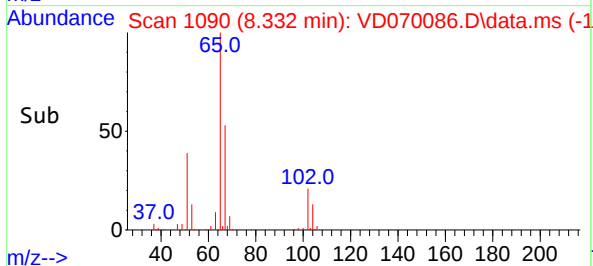
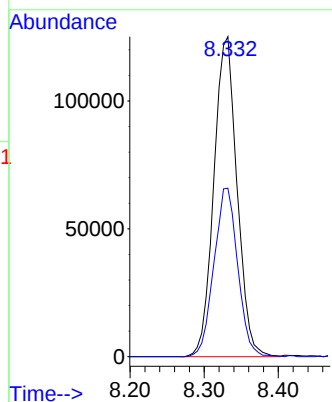
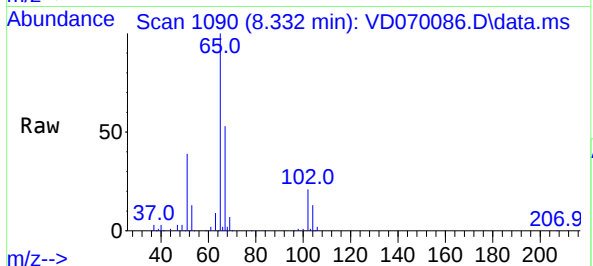




#33
1,2-Dichloroethane-d4
Concen: 79.738 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070086.D
Acq: 17 Aug 2021 14:14

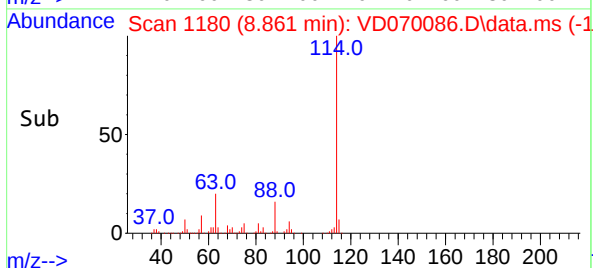
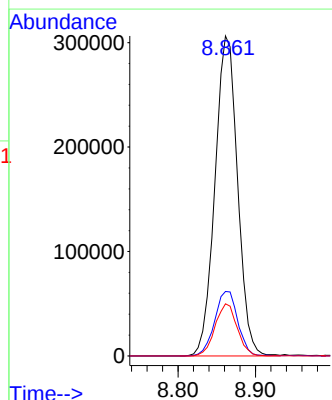
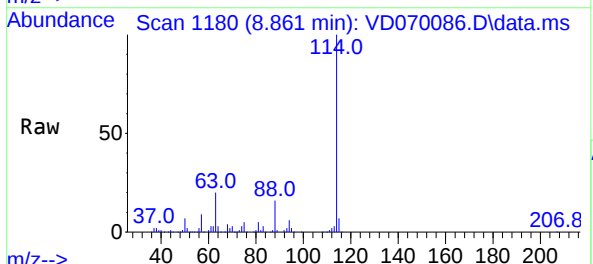
Instrument :
MSVOA_D
ClientSampled :
23N

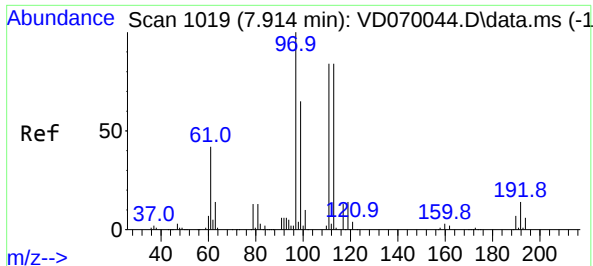
Tgt Ion: 65 Resp: 272055
Ion Ratio Lower Upper
65 100
67 53.9 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070086.D
Acq: 17 Aug 2021 14:14

Tgt Ion:114 Resp: 621116
Ion Ratio Lower Upper
114 100
63 20.1 0.0 43.6
88 16.3 0.0 33.4



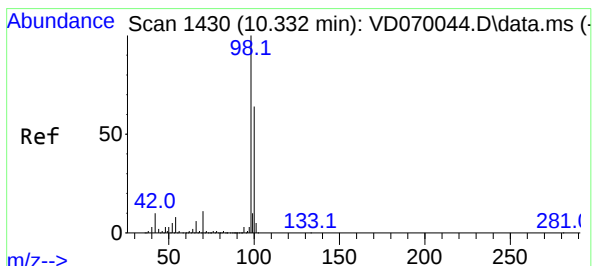
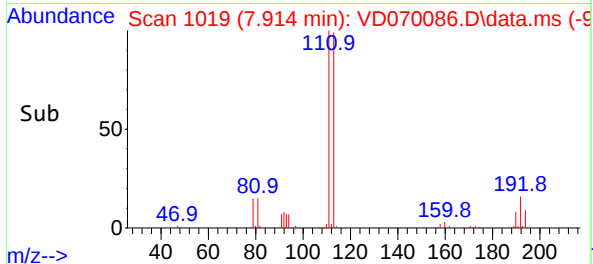
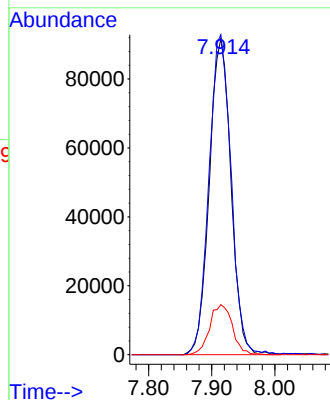
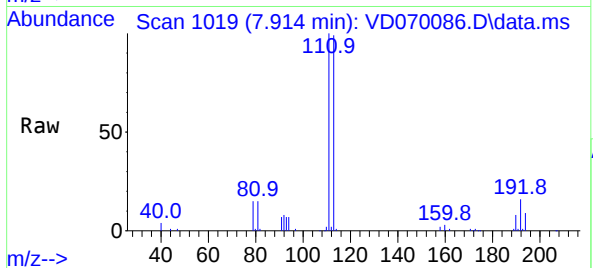


#35

Dibromofluoromethane
Concen: 54.466 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070086.D
Acq: 17 Aug 2021 14:14

Instrument :
MSVOA_D
ClientSampled :
23N

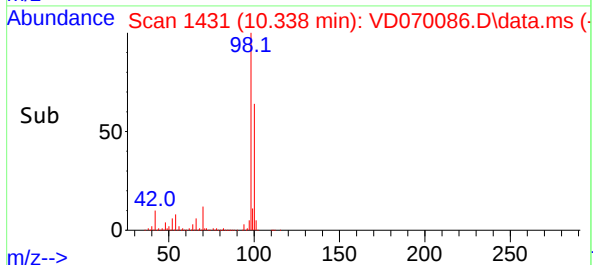
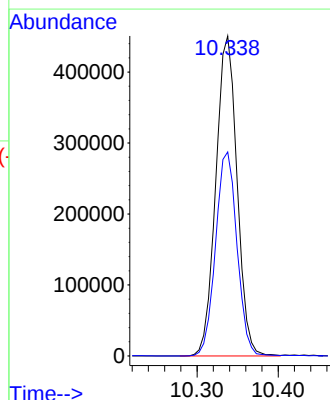
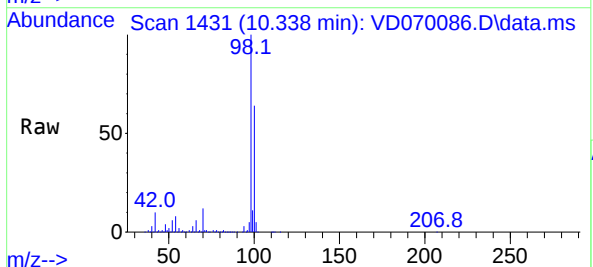
Tgt Ion:113 Resp: 218561
Ion Ratio Lower Upper
113 100
111 103.2 81.8 122.6
192 16.6 13.2 19.8

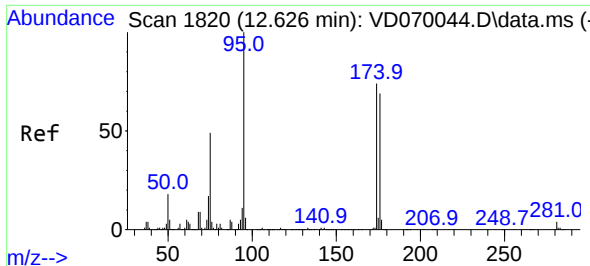


#50

Toluene-d8
Concen: 52.569 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070086.D
Acq: 17 Aug 2021 14:14

Tgt Ion: 98 Resp: 820478
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8

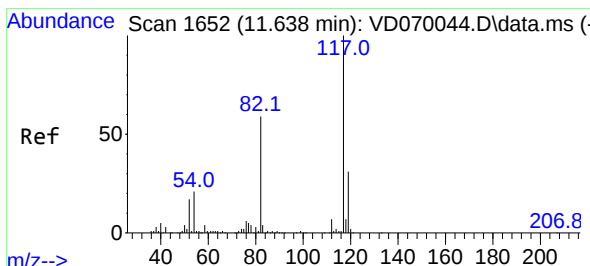
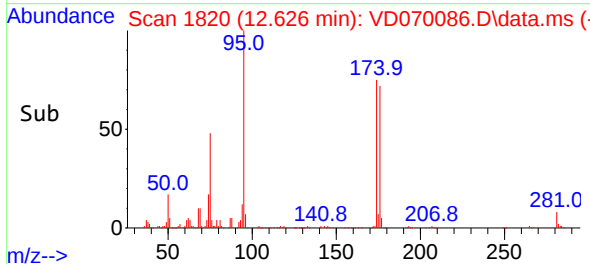
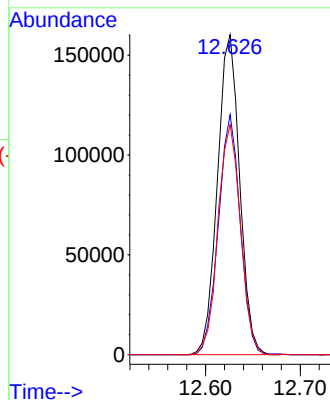
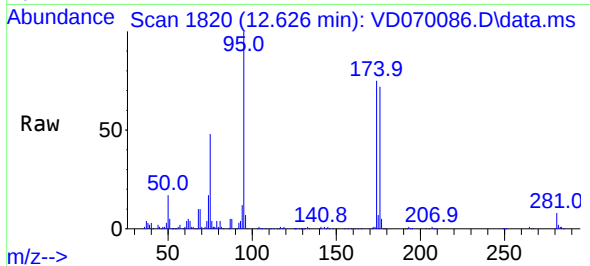




#62
4-Bromofluorobenzene
Concen: 50.898 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070086.D
Acq: 17 Aug 2021 14:14

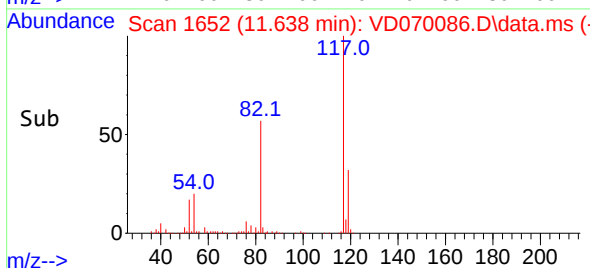
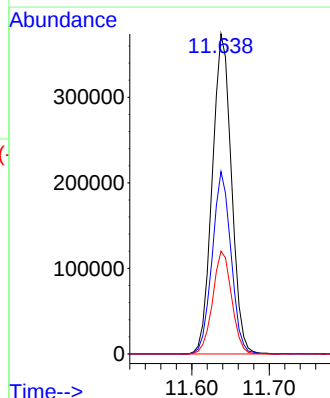
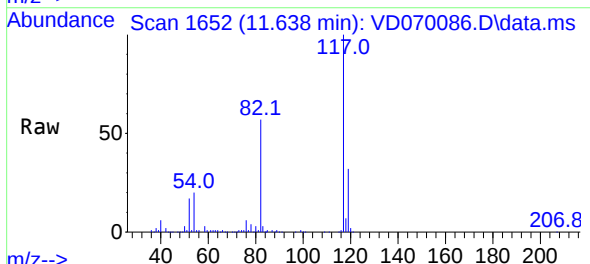
Instrument :
MSVOA_D
ClientSampled :
23N

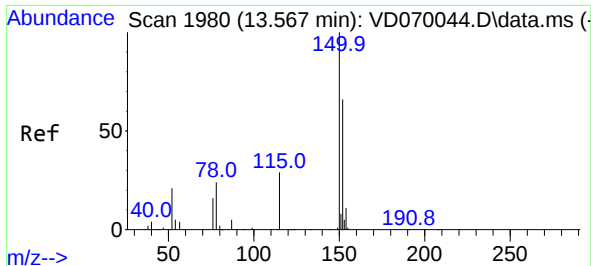
Tgt Ion: 95 Resp: 261653
Ion Ratio Lower Upper
95 100
174 73.8 0.0 141.6
176 72.4 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070086.D
Acq: 17 Aug 2021 14:14

Tgt Ion: 117 Resp: 645556
Ion Ratio Lower Upper
117 100
82 57.0 47.5 71.3
119 32.1 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD070086.D
 Acq: 17 Aug 2021 14:14

Instrument :
 MSVOA_D
 ClientSampleId :
 23N

Tgt Ion:152 Resp: 261150
 Ion Ratio Lower Upper
 152 100
 115 60.5 31.2 93.6
 150 158.6 0.0 352.0

