

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111921\
 Data File : VD071060.D
 Acq On : 19 Nov 2021 16:53
 Operator : VA/SY
 Sample : M4758-37
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP19

Quant Time: Nov 22 02:53:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

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

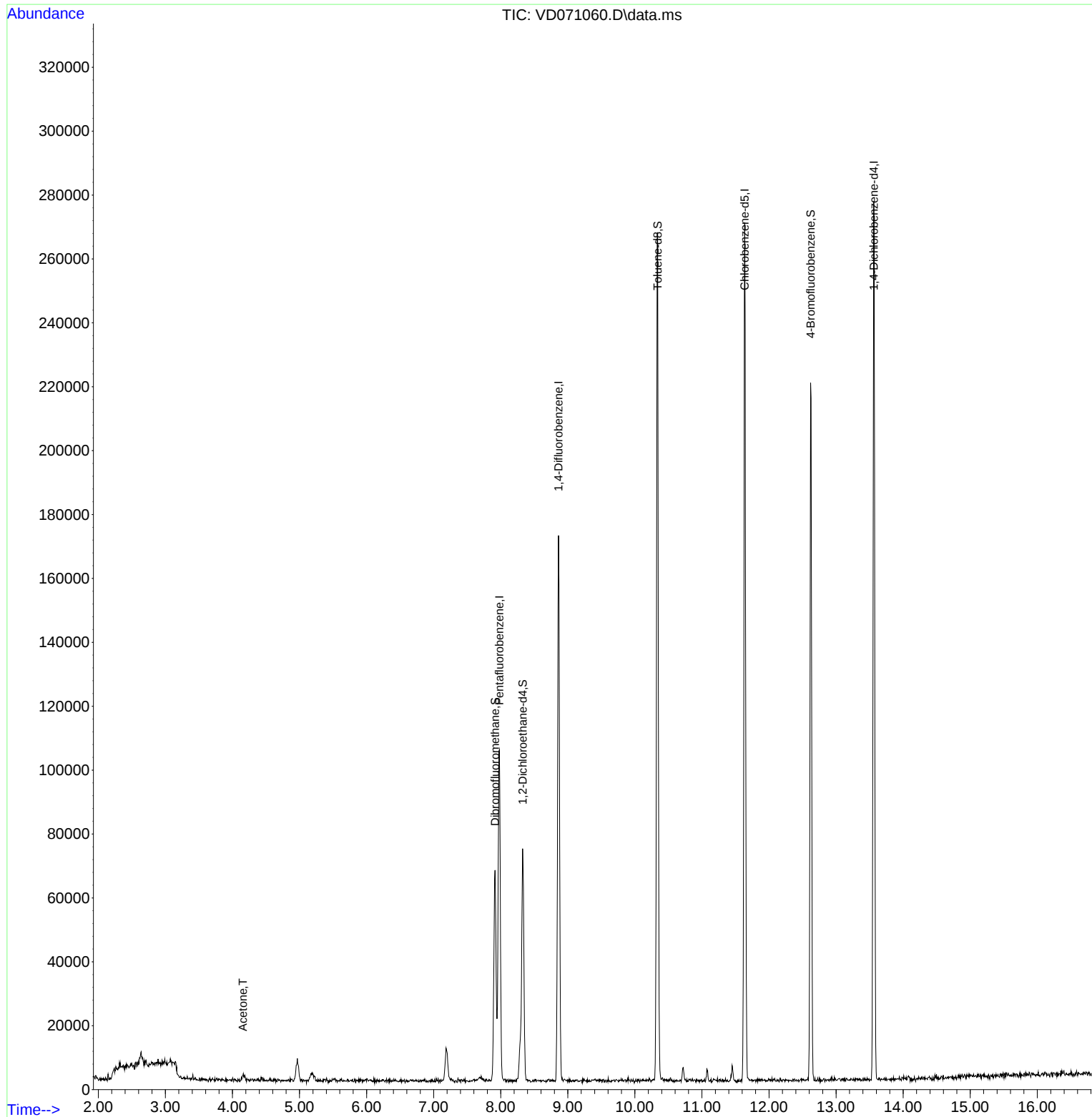
Internal Standards						
1) Pentafluorobenzene	7.979	168	72459	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	136032	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	141312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	67946	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	54193	70.246	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 140.500%	
35) Dibromofluoromethane	7.914	113	44938	58.543	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.080%	
50) Toluene-d8	10.338	98	175230	58.291	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 116.580%	
62) 4-Bromofluorobenzene	12.620	95	69023	63.770	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 127.540%	
Target Compounds						
16) Acetone	4.156	43	3746	36.352	ug/l	Qvalue 93

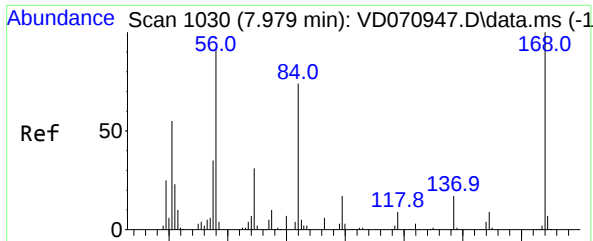
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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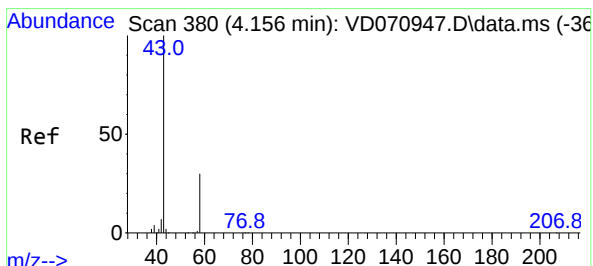
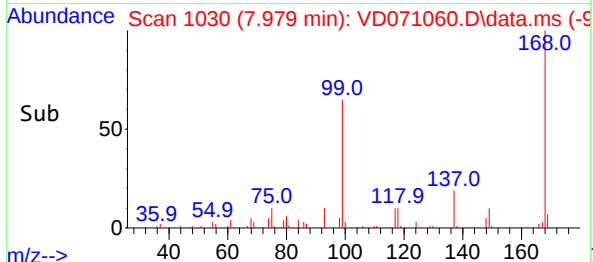
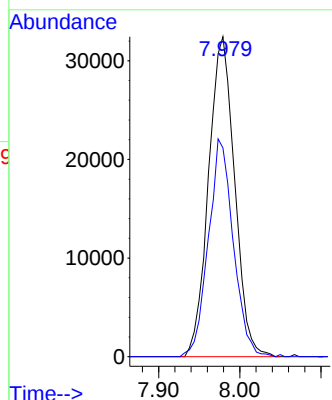
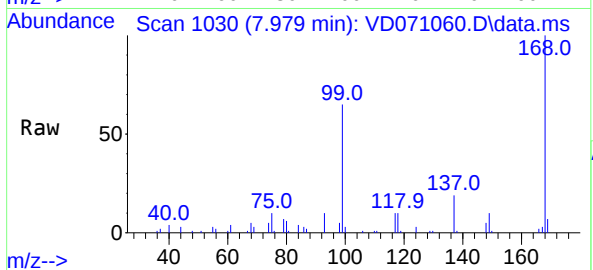




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071060.D
Acq: 19 Nov 2021 16:53

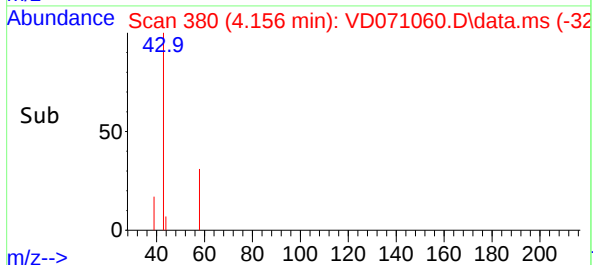
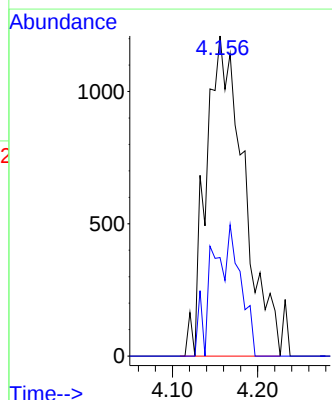
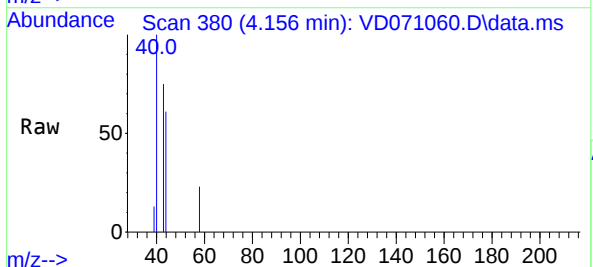
Instrument :
MSVOA_D
ClientSampleId :
TP19

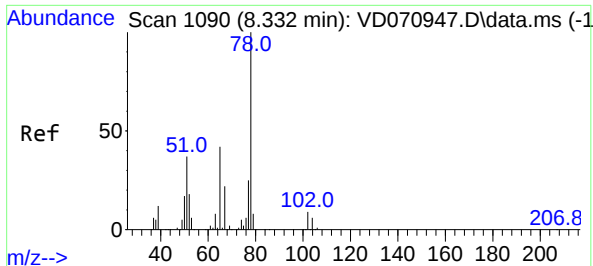
Tgt Ion:168 Resp: 72459
Ion Ratio Lower Upper
168 100
99 65.3 46.6 69.8



#16
Acetone
Concen: 36.352 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071060.D
Acq: 19 Nov 2021 16:53

Tgt Ion: 43 Resp: 3746
Ion Ratio Lower Upper
43 100
58 30.7 27.8 41.8





#33

1,2-Dichloroethane-d4

Concen: 70.246 ug/l

RT: 8.326 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VD071060.D

Acq: 19 Nov 2021 16:53

Instrument :

MSVOA_D

ClientSampleId :

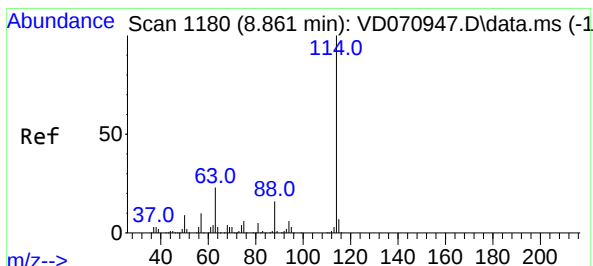
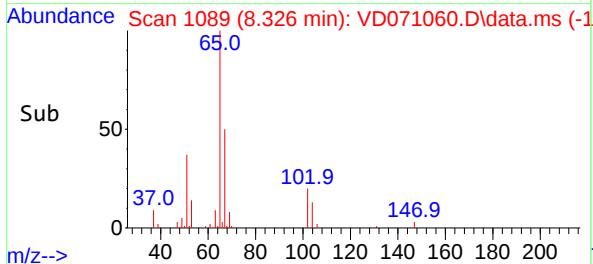
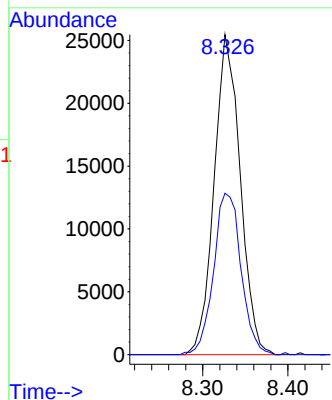
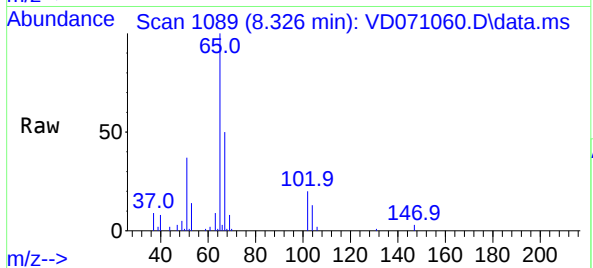
TP19

Tgt Ion: 65 Resp: 54193

Ion Ratio Lower Upper

65 100

67 53.1 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071060.D

Acq: 19 Nov 2021 16:53

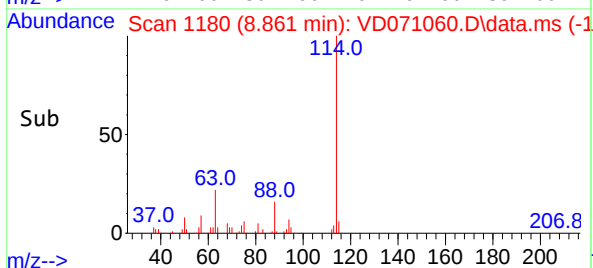
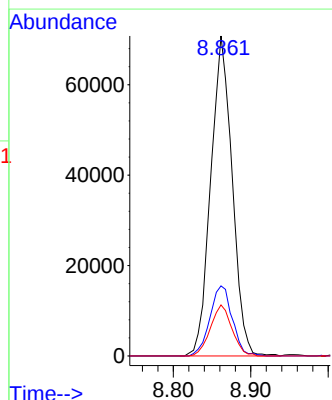
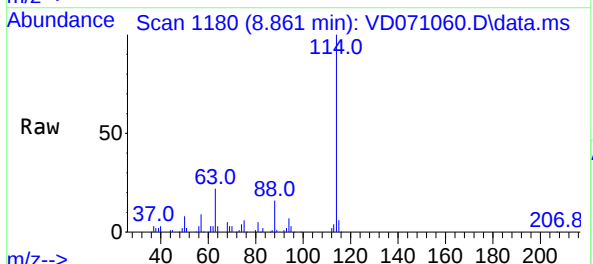
Tgt Ion:114 Resp: 136032

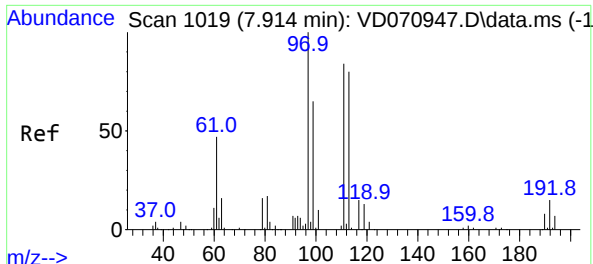
Ion Ratio Lower Upper

114 100

63 21.9 0.0 41.8

88 16.0 0.0 32.8

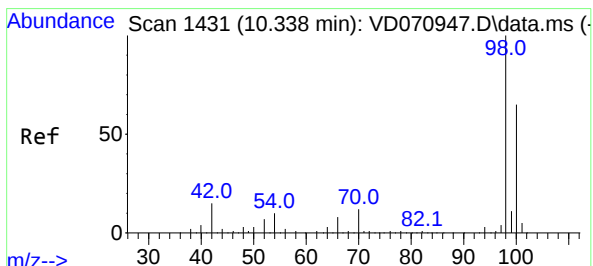
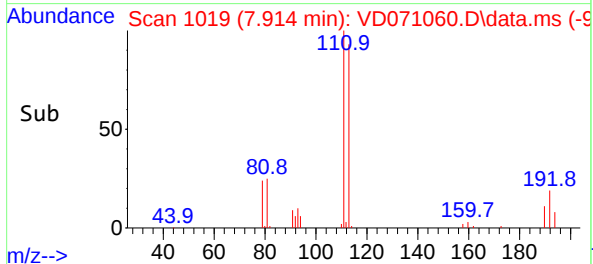
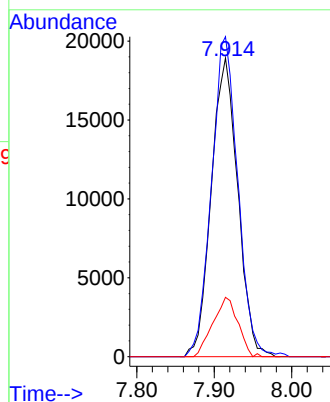
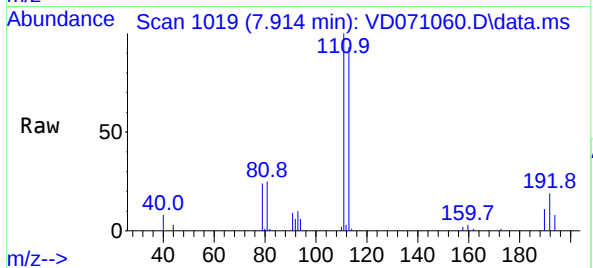




#35
Dibromofluoromethane
Concen: 58.543 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD071060.D
Acq: 19 Nov 2021 16:53

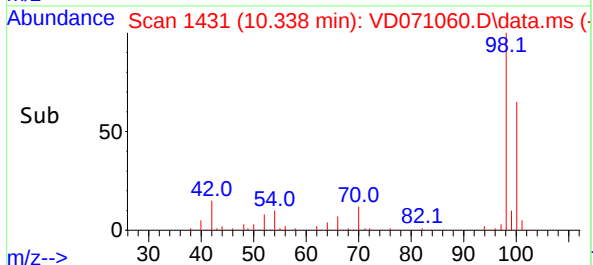
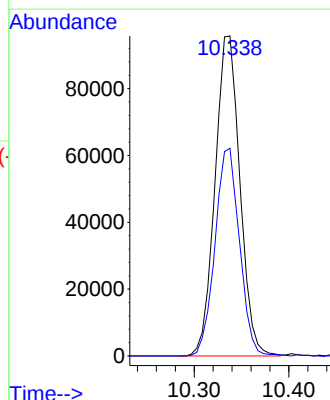
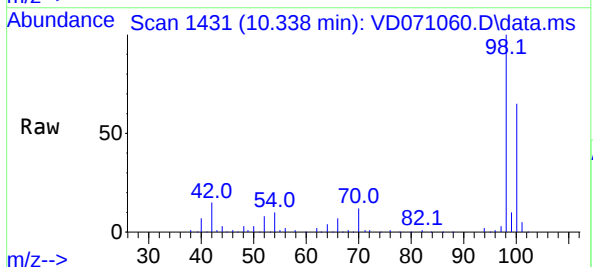
Instrument :
MSVOA_D
ClientSampleId :
TP19

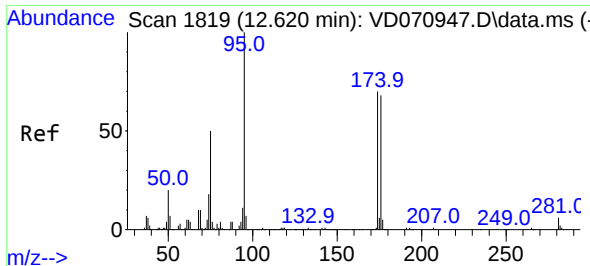
Tgt Ion:113 Resp: 44938
Ion Ratio Lower Upper
113 100
111 106.4 82.0 123.0
192 18.8 15.2 22.8



#50
Toluene-d8
Concen: 58.291 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071060.D
Acq: 19 Nov 2021 16:53

Tgt Ion: 98 Resp: 175230
Ion Ratio Lower Upper
98 100
100 63.7 51.8 77.6



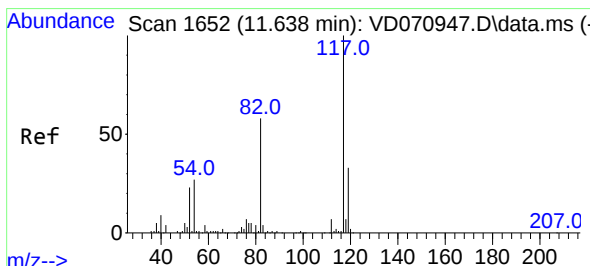
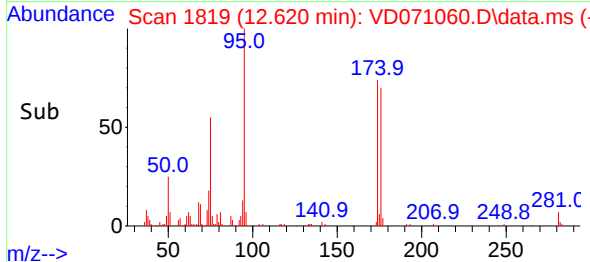
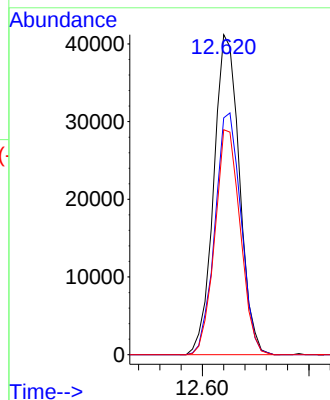
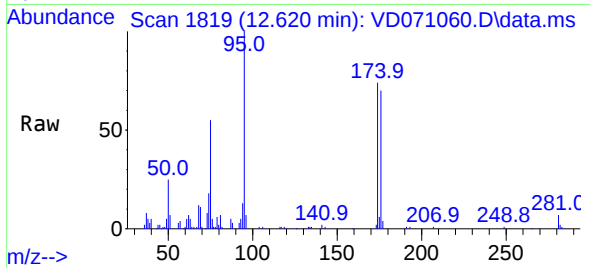


#62
4-Bromofluorobenzene
Concen: 63.770 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD071060.D
Acq: 19 Nov 2021 16:53

Instrument :
MSVOA_D
ClientSampleId :
TP19

Tgt Ion: 95 Resp: 69023

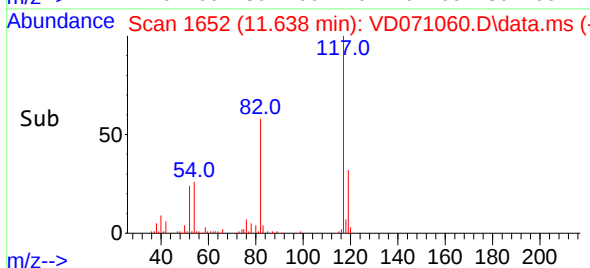
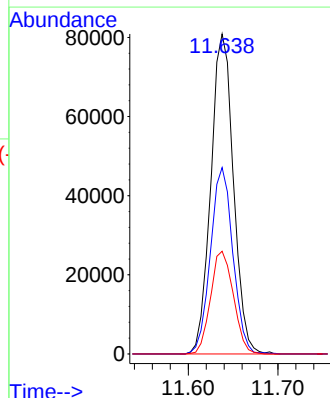
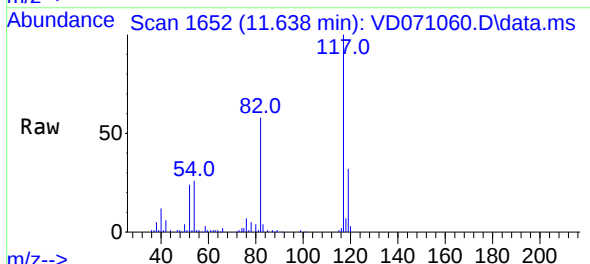
Ion	Ratio	Lower	Upper
95	100		
174	76.4	0.0	159.4
176	69.6	0.0	154.0

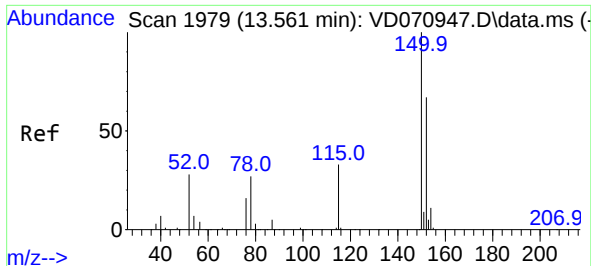


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071060.D
Acq: 19 Nov 2021 16:53

Tgt Ion: 117 Resp: 141312

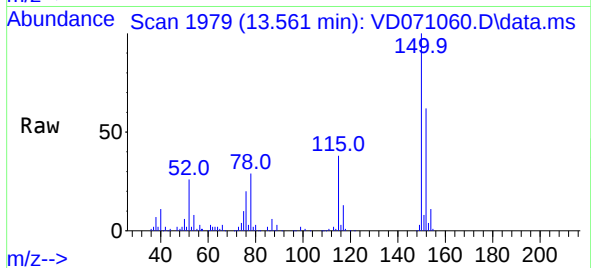
Ion	Ratio	Lower	Upper
117	100		
82	58.3	44.7	67.1
119	32.1	26.2	39.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD071060.D
Acq: 19 Nov 2021 16:53

Instrument :
MSVOA_D
ClientSampleId :
TP19



Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.2	29.8	89.3
150	160.0	0.0	349.2

