

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102721\
 Data File : VD070869.D
 Acq On : 27 Oct 2021 17:41
 Operator : VA/SY
 Sample : M4358-10
 Misc : 4.62G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TH-GD

Quant Time: Oct 28 03:58:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

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

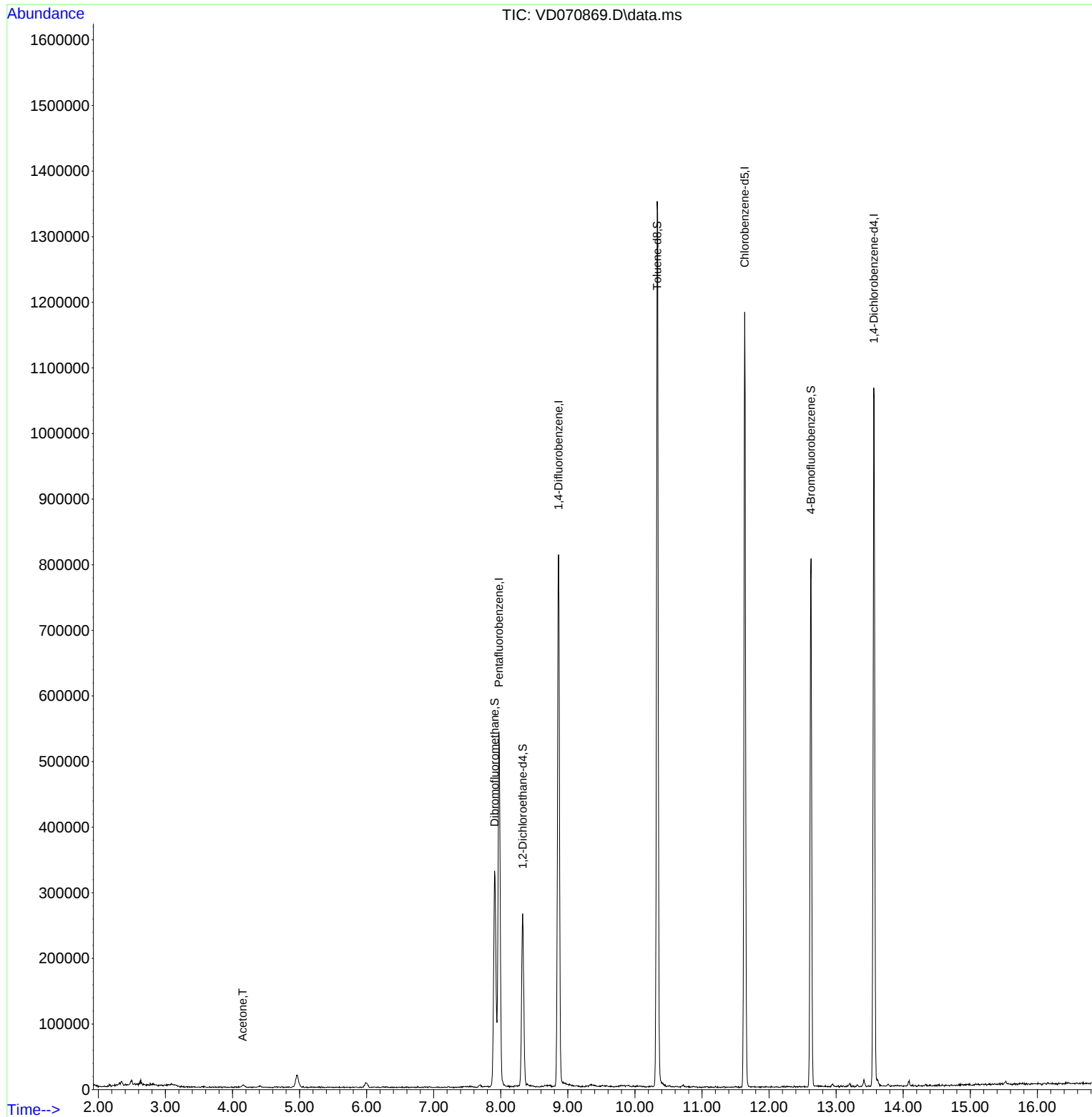
Internal Standards						
1) Pentafluorobenzene	7.973	168	413370	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	721717	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	695836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	300481	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	203422	48.929	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.860%
35) Dibromofluoromethane	7.908	113	245250	51.538	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.080%
50) Toluene-d8	10.332	98	950896	53.114	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.220%
62) 4-Bromofluorobenzene	12.626	95	274352	46.446	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.900%
Target Compounds						
16) Acetone	4.150	43	7079	7.319	ug/l	Qvalue 89

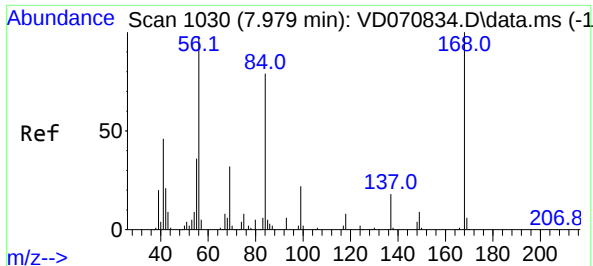
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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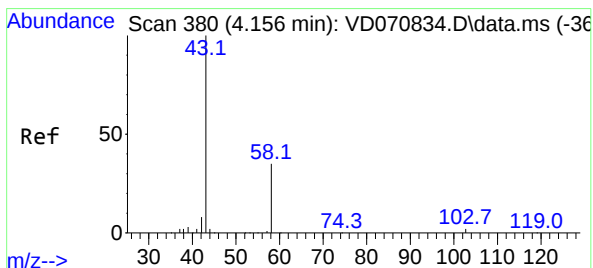
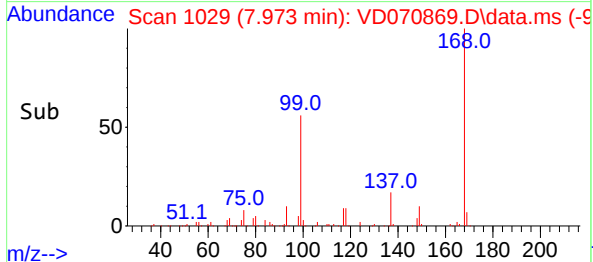
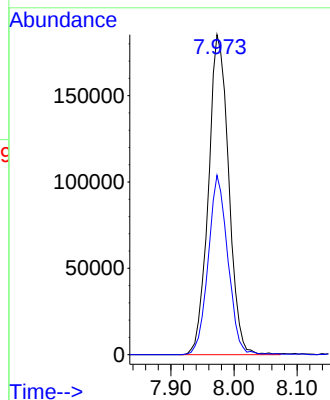
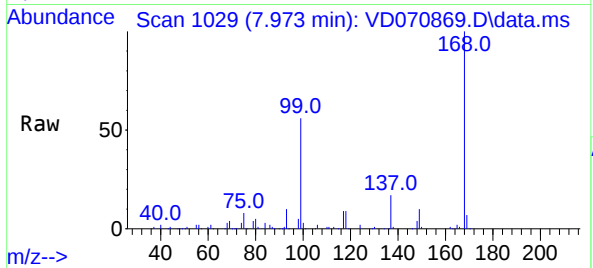




Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070869.D
Acq: 27 Oct 2021 17:41

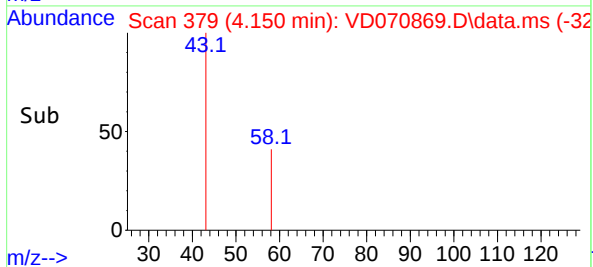
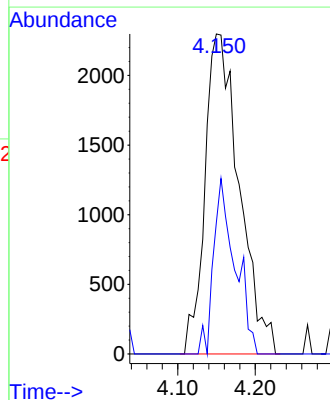
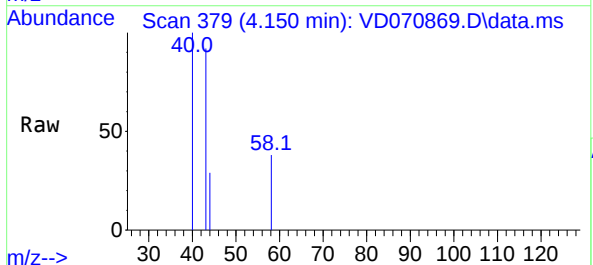
Instrument :
MSVOA_D
ClientSampleId :
TH-GD

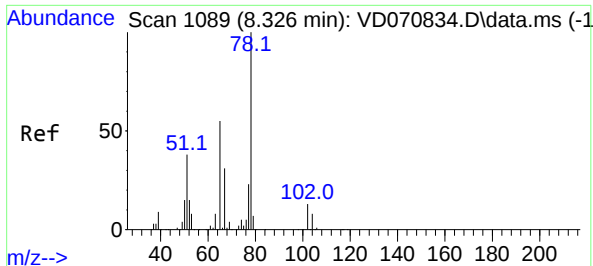
Tgt Ion:168 Resp: 413370
Ion Ratio Lower Upper
168 100
99 56.1 46.6 69.8



#16
Acetone
Concen: 7.319 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD070869.D
Acq: 27 Oct 2021 17:41

Tgt Ion: 43 Resp: 7079
Ion Ratio Lower Upper
43 100
58 41.1 27.8 41.8



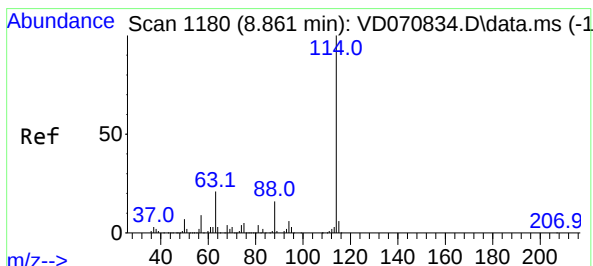
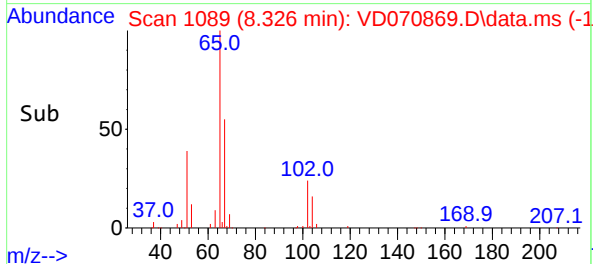
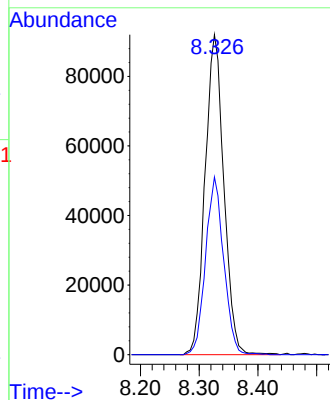
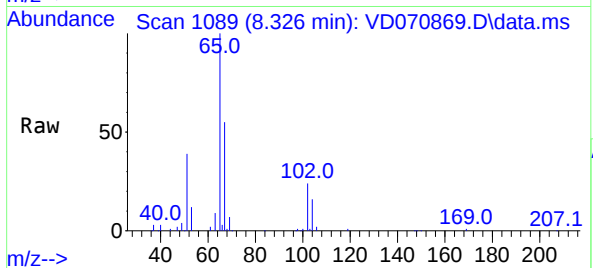


#33

1,2-Dichloroethane-d4
Concen: 48.929 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070869.D
Acq: 27 Oct 2021 17:41

Instrument :
MSVOA_D
ClientSampled :
TH-GD

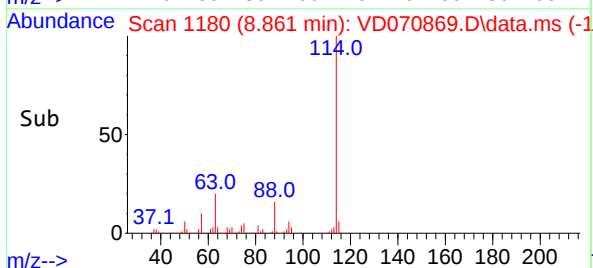
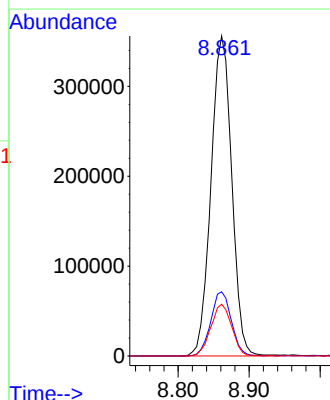
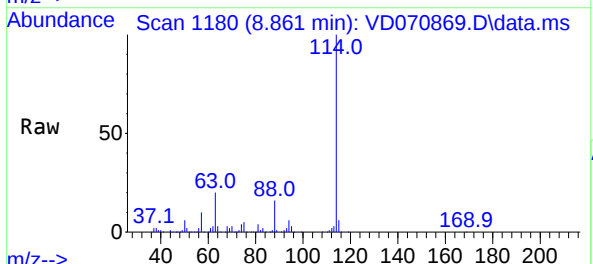
Tgt Ion: 65 Resp: 203422
Ion Ratio Lower Upper
65 100
67 53.6 0.0 112.2

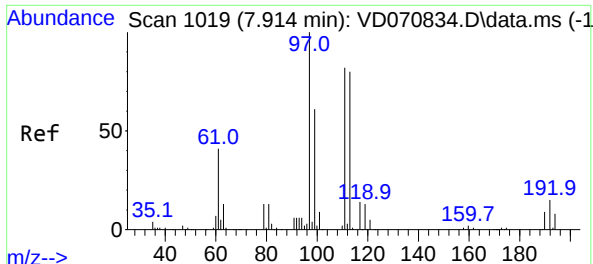


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070869.D
Acq: 27 Oct 2021 17:41

Tgt Ion: 114 Resp: 721717
Ion Ratio Lower Upper
114 100
63 20.1 0.0 41.8
88 16.2 0.0 32.8

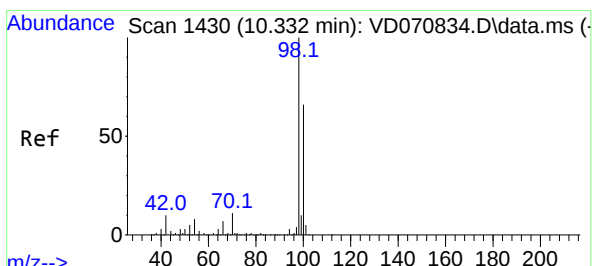
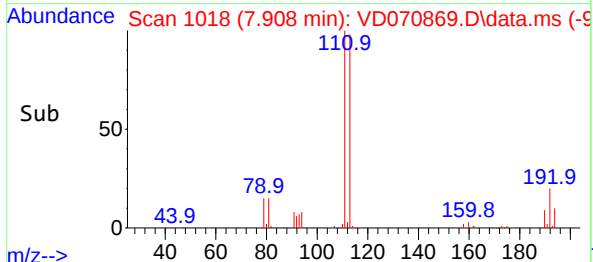
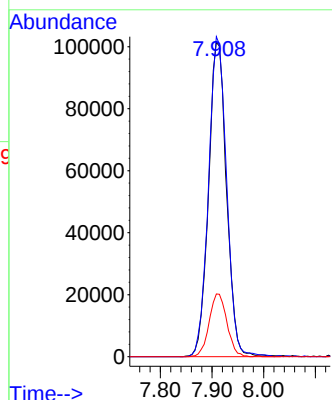
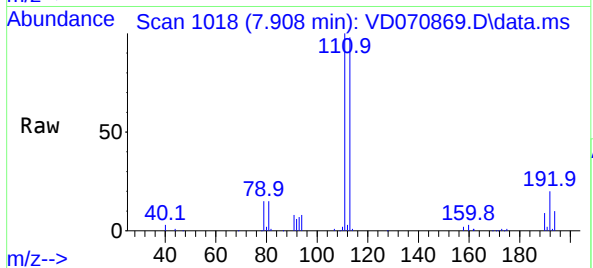




#35
Dibromofluoromethane
Concen: 51.538 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070869.D
Acq: 27 Oct 2021 17:41

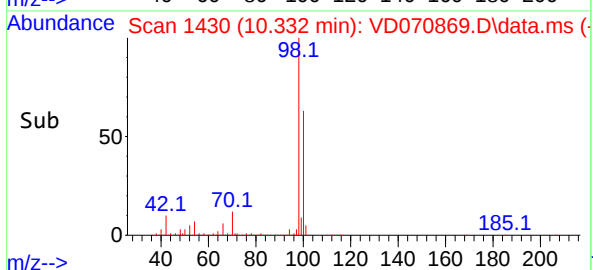
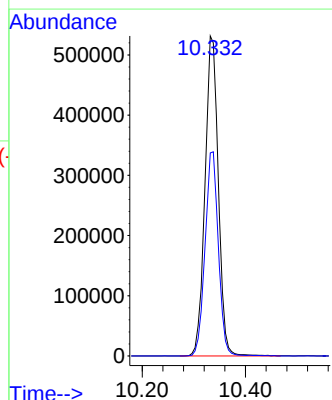
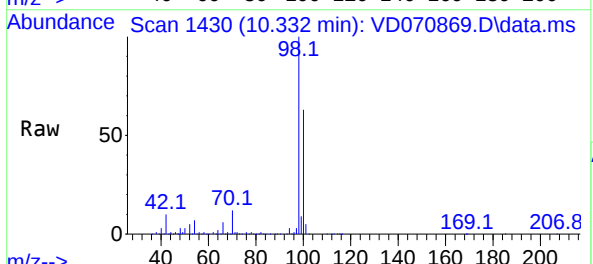
Instrument :
MSVOA_D
ClientSampleId :
TH-GD

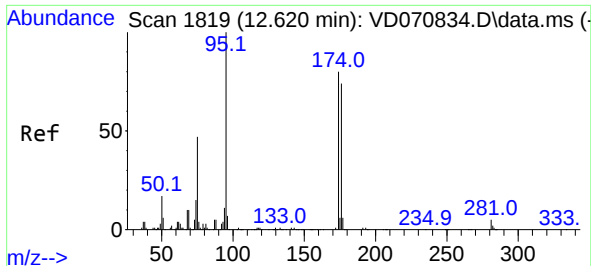
Tgt Ion:113 Resp: 245250
Ion Ratio Lower Upper
113 100
111 102.2 82.0 123.0
192 19.7 15.2 22.8



#50
Toluene-d8
Concen: 53.114 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070869.D
Acq: 27 Oct 2021 17:41

Tgt Ion: 98 Resp: 950896
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.6



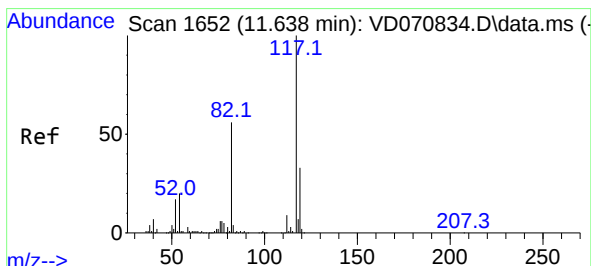
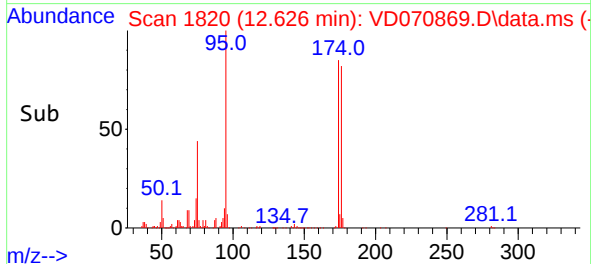
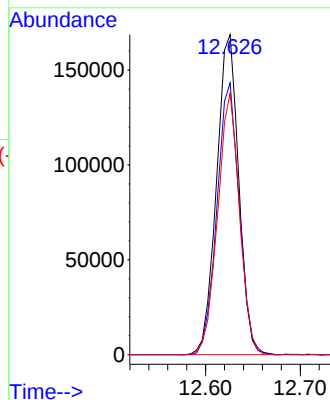
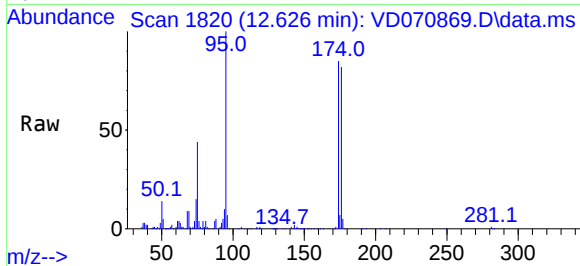


#62
4-Bromofluorobenzene
Concen: 46.446 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD070869.D
Acq: 27 Oct 2021 17:41

Instrument :
MSVOA_D
ClientSampleId :
TH-GD

Tgt Ion: 95 Resp: 274352

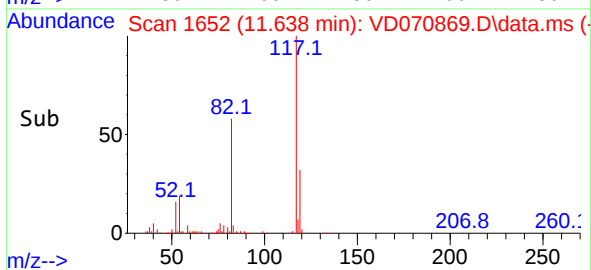
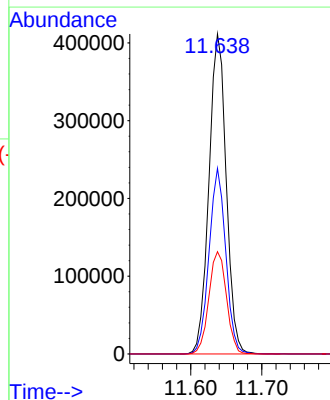
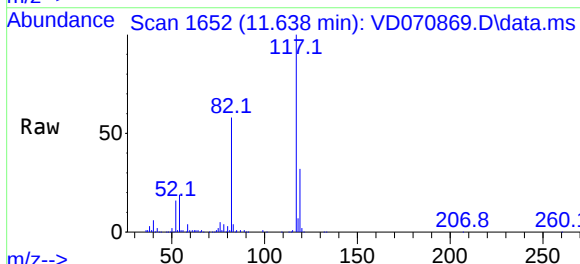
Ion	Ratio	Lower	Upper
95	100		
174	85.3	0.0	159.4
176	80.6	0.0	154.0

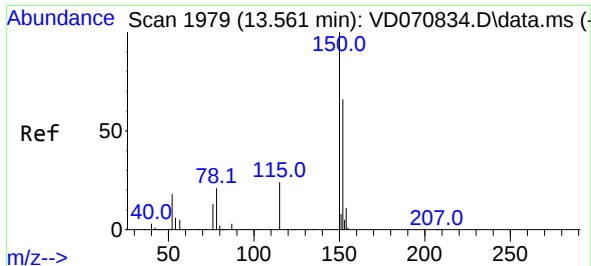


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070869.D
Acq: 27 Oct 2021 17:41

Tgt Ion: 117 Resp: 695836

Ion	Ratio	Lower	Upper
117	100		
82	58.0	44.7	67.1
119	31.9	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: VD070869.D
 Acq: 27 Oct 2021 17:41

Instrument :
 MSVOA_D
 ClientSampleId :
 TH-GD

Tgt Ion:152 Resp: 300481
 Ion Ratio Lower Upper
 152 100
 115 57.9 29.8 89.3
 150 161.0 0.0 349.2

