

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022322\
 Data File : VD072077.D
 Acq On : 23 Feb 2022 16:30
 Operator : VA/SY
 Sample : N1598-05
 Misc : 5.32G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GS-5

Quant Time: Feb 24 06:47:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

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

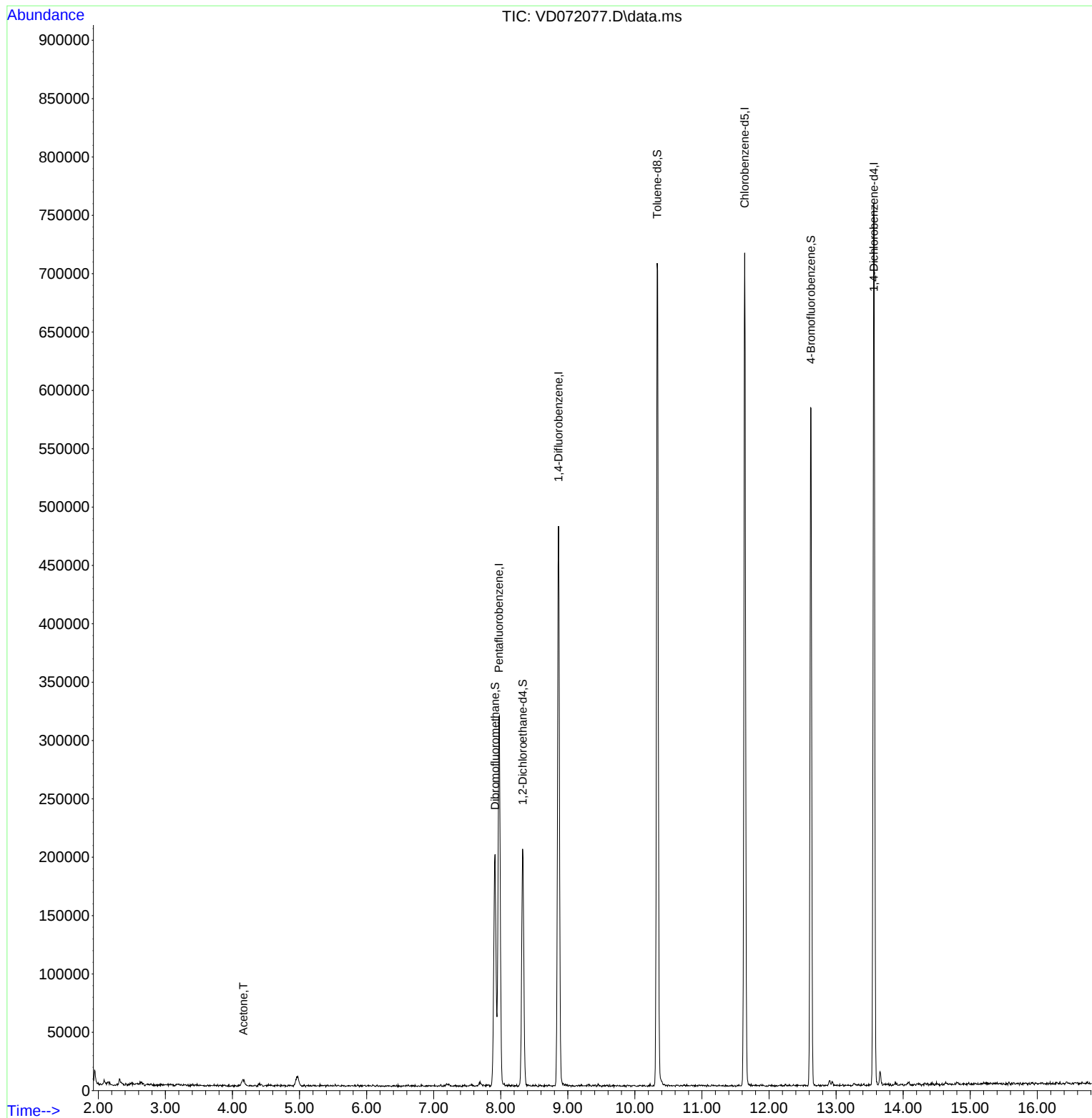
Internal Standards						
1) Pentafluorobenzene	7.973	168	232795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	403727	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	412514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	203107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	163127	67.554	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.100%
35) Dibromofluoromethane	7.914	113	143241	58.560	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.120%
50) Toluene-d8	10.332	98	499976	55.118	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.240%
62) 4-Bromofluorobenzene	12.626	95	190976	57.315	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	114.640%
Target Compounds						
16) Acetone	4.162	43	10843	20.777	ug/l	Qvalue 100

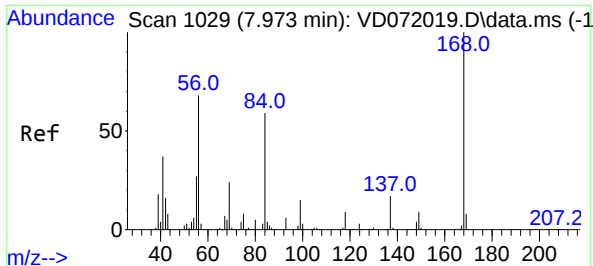
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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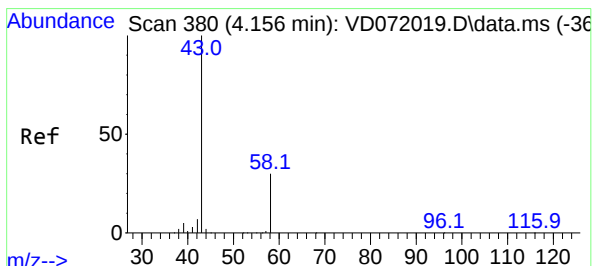
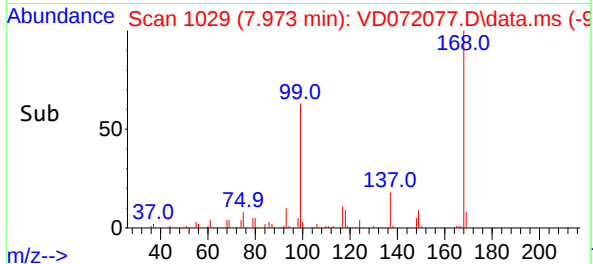
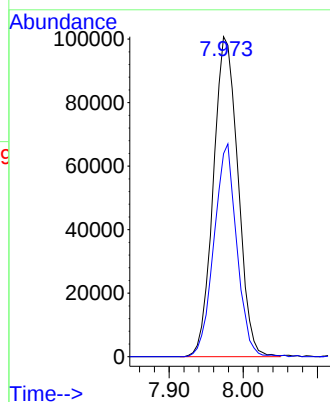
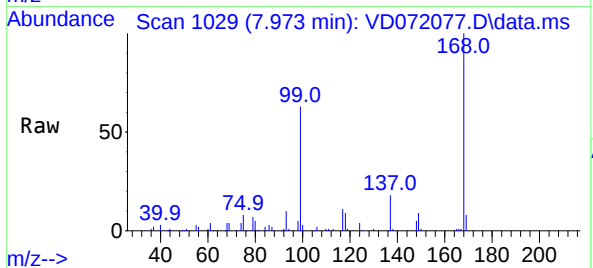




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072077.D
Acq: 23 Feb 2022 16:30

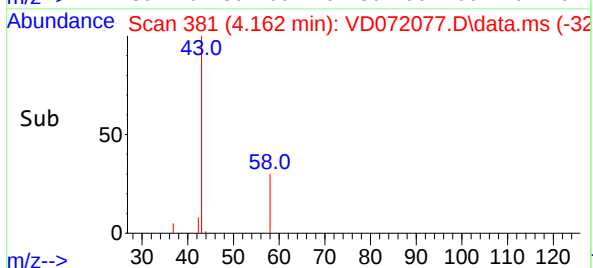
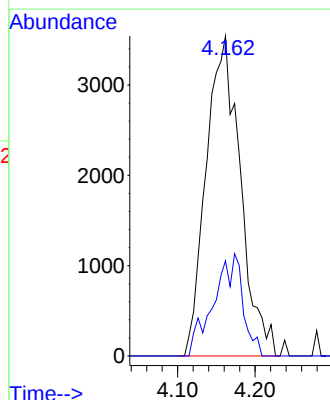
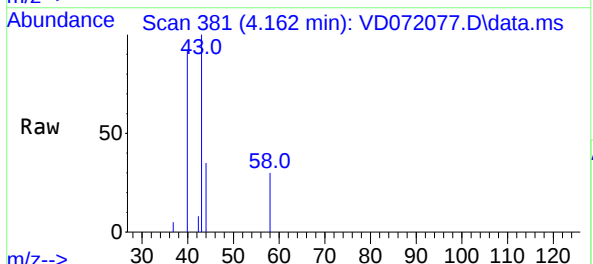
Instrument :
MSVOA_D
ClientSampleId :
GS-5

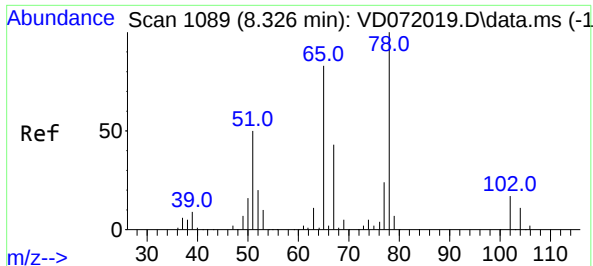
Tgt Ion:168 Resp: 232795
Ion Ratio Lower Upper
168 100
99 63.4 47.1 70.7



#16
Acetone
Concen: 20.777 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072077.D
Acq: 23 Feb 2022 16:30

Tgt Ion: 43 Resp: 10843
Ion Ratio Lower Upper
43 100
58 29.7 23.8 35.6

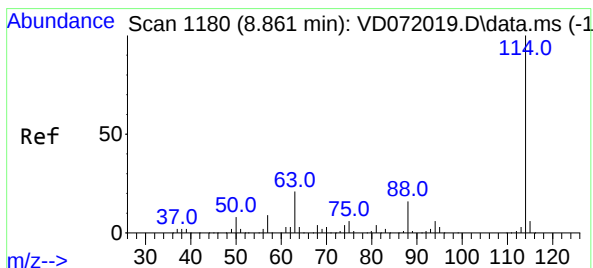
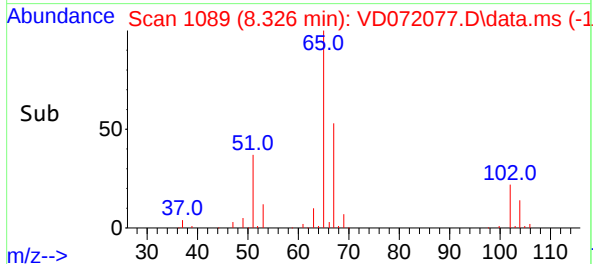
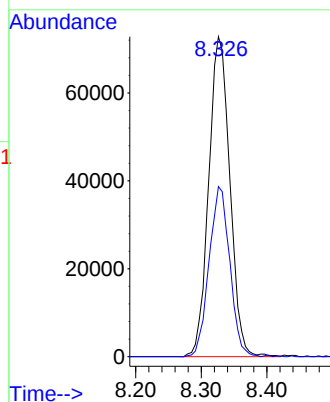
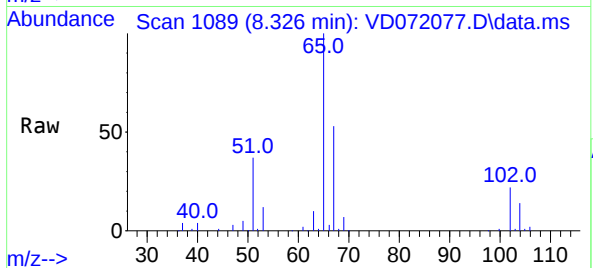




#33
1,2-Dichloroethane-d4
Concen: 67.554 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072077.D
Acq: 23 Feb 2022 16:30

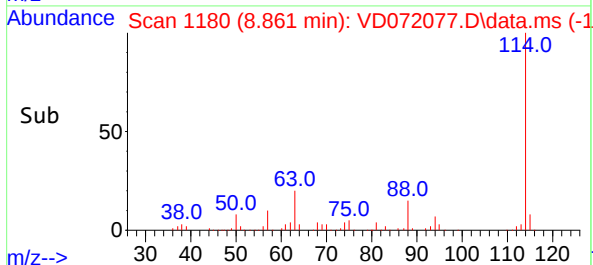
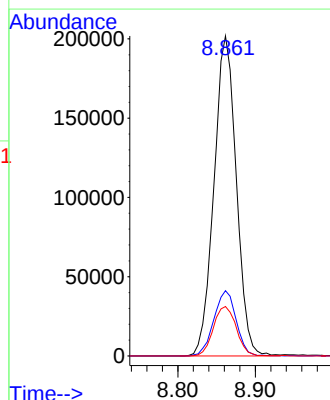
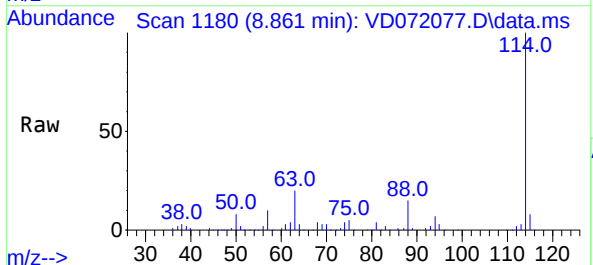
Instrument :
MSVOA_D
ClientSampleId :
GS-5

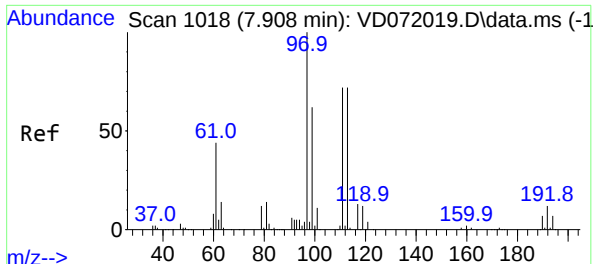
Tgt Ion: 65 Resp: 163127
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072077.D
Acq: 23 Feb 2022 16:30

Tgt Ion: 114 Resp: 403727
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.2
88 15.4 0.0 31.2

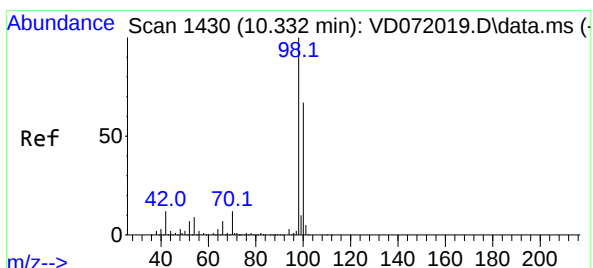
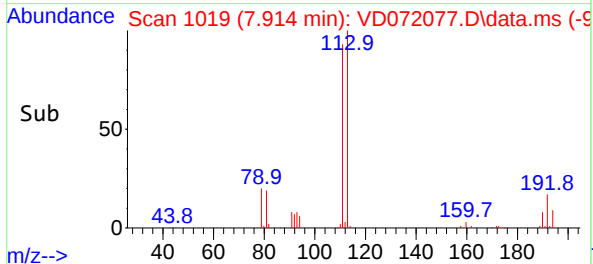
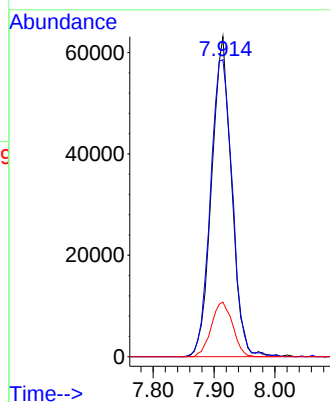
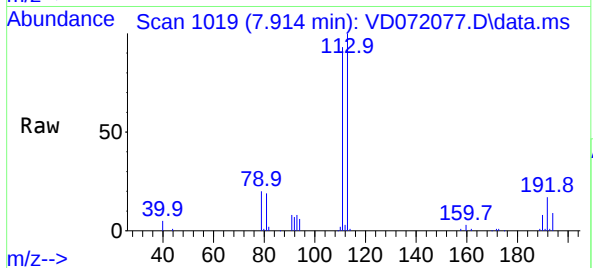




#35
Dibromofluoromethane
Concen: 58.560 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD072077.D
Acq: 23 Feb 2022 16:30

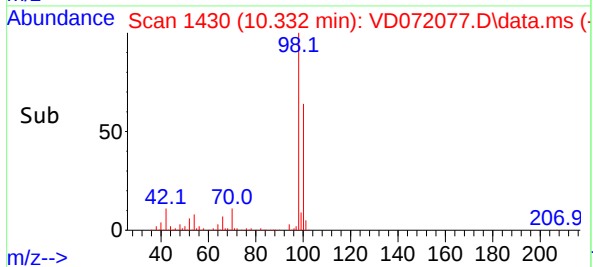
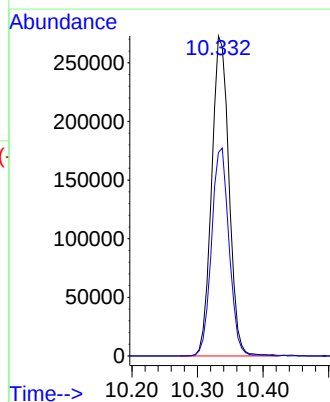
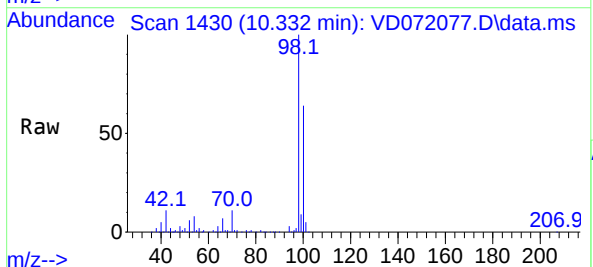
Instrument :
MSVOA_D
ClientSampleId :
GS-5

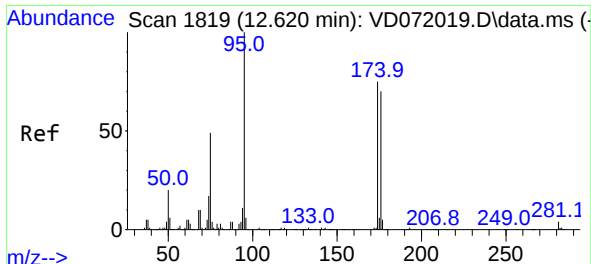
Tgt Ion:113 Resp: 143241
Ion Ratio Lower Upper
113 100
111 102.2 83.0 124.4
192 18.2 15.3 22.9



#50
Toluene-d8
Concen: 55.118 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072077.D
Acq: 23 Feb 2022 16:30

Tgt Ion: 98 Resp: 499976
Ion Ratio Lower Upper
98 100
100 65.8 53.8 80.6



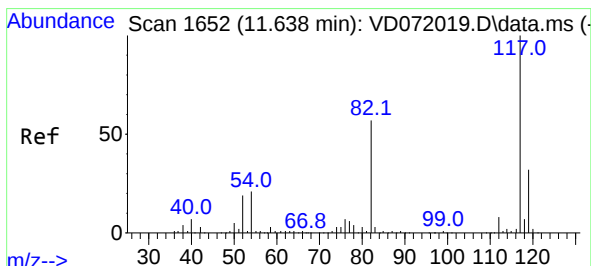
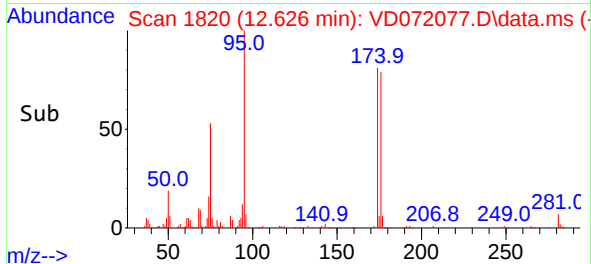
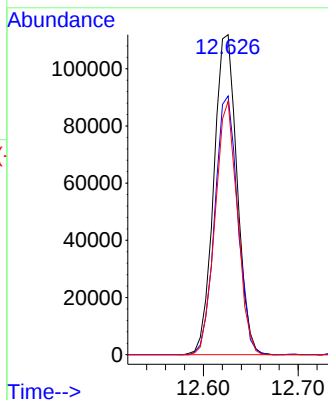
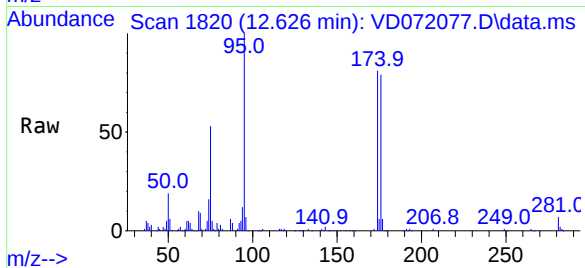


#62
4-Bromofluorobenzene
Concen: 57.315 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072077.D
Acq: 23 Feb 2022 16:30

Instrument :
MSVOA_D
ClientSampleId :
GS-5

Tgt Ion: 95 Resp: 190976

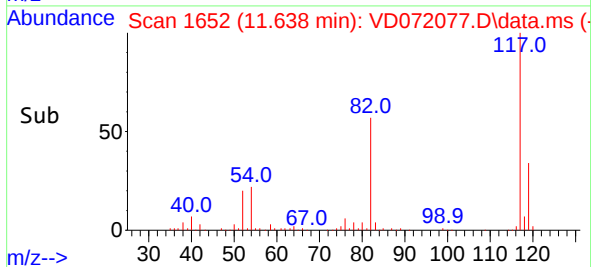
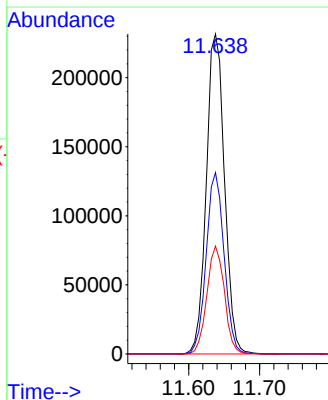
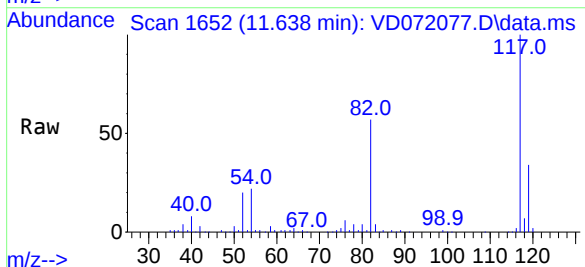
Ion	Ratio	Lower	Upper
95	100		
174	79.9	0.0	155.0
176	75.9	0.0	148.8

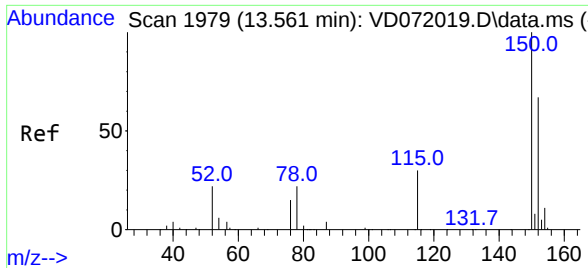


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072077.D
Acq: 23 Feb 2022 16:30

Tgt Ion: 117 Resp: 412514

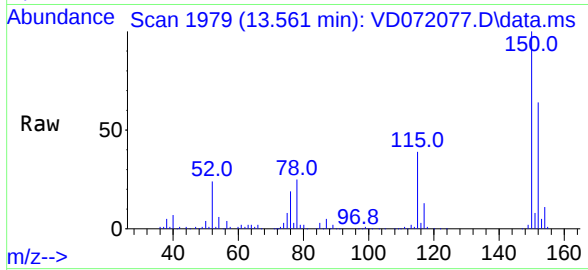
Ion	Ratio	Lower	Upper
117	100		
82	56.7	45.4	68.0
119	33.7	25.4	38.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072077.D
Acq: 23 Feb 2022 16:30

Instrument :
MSVOA_D
ClientSampleId :
GS-5



Tgt Ion:152 Resp: 203107
Ion Ratio Lower Upper
152 100
115 59.4 29.9 89.7
150 154.5 0.0 347.6

