

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050521\
 Data File : VD069070.D
 Acq On : 05 May 2021 15:38
 Operator : VA/SY
 Sample : M2252-01
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 STONE-1

Quant Time: May 06 05:45:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 04:16:41 2021
 Response via : Initial Calibration

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

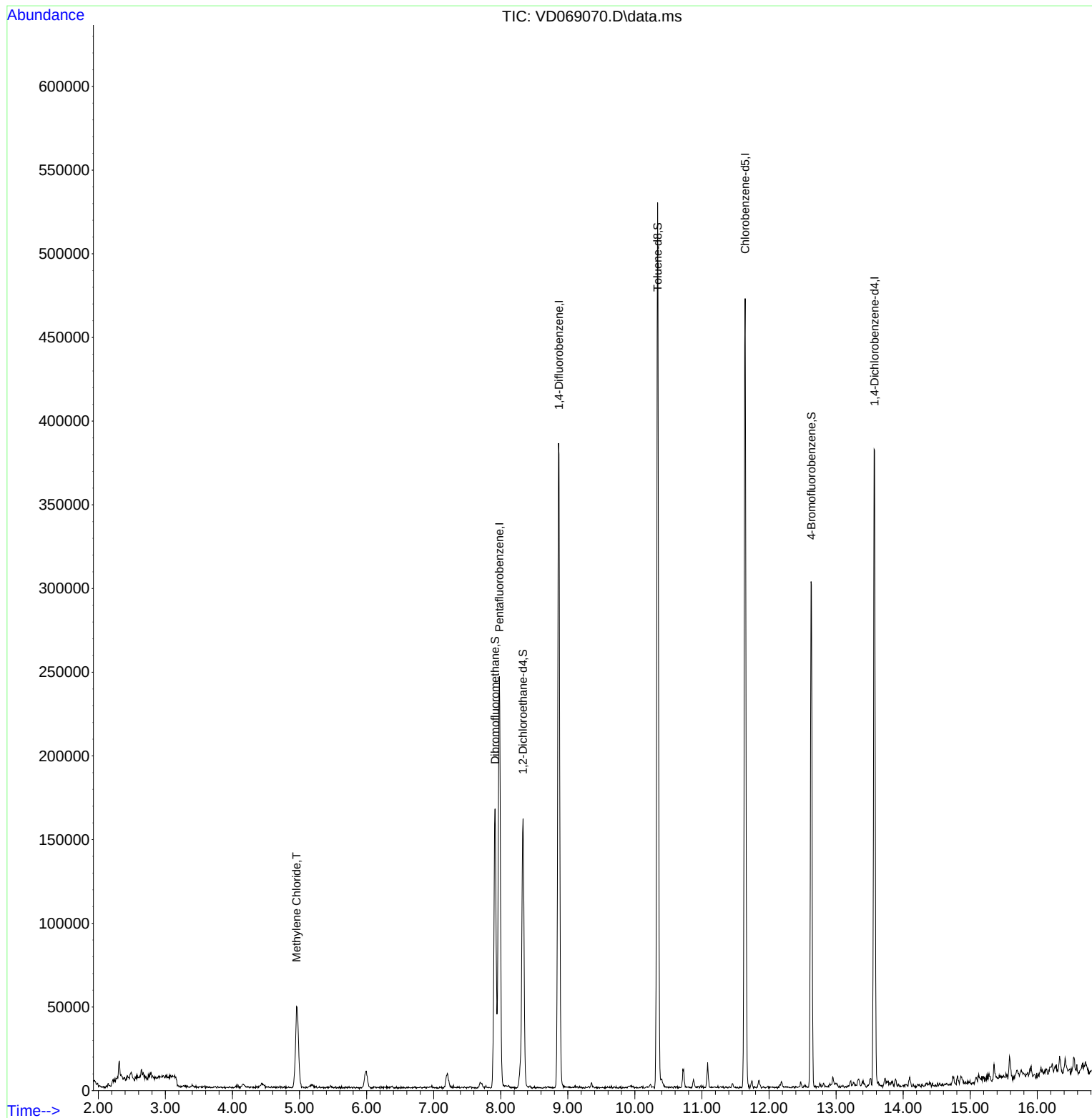
Internal Standards						
1) Pentafluorobenzene	7.979	168	167026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	318008	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	270955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	100029	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	128356	59.63	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.26%
35) Dibromofluoromethane	7.914	113	112814	51.73	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.46%
50) Toluene-d8	10.338	98	349644	43.43	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.86%
62) 4-Bromofluorobenzene	12.632	95	96460	36.42	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	72.84%
Target Compounds						
20) Methylene Chloride	4.956	84	38093	13.05	ug/l	Qvalue 92

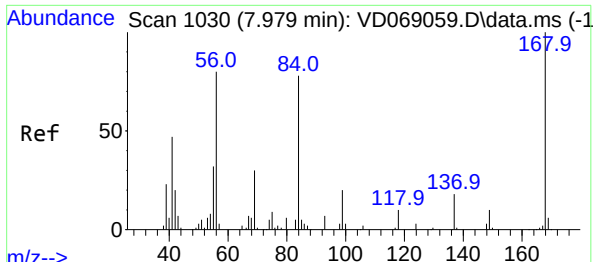
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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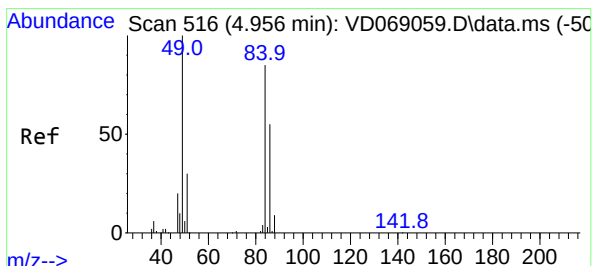
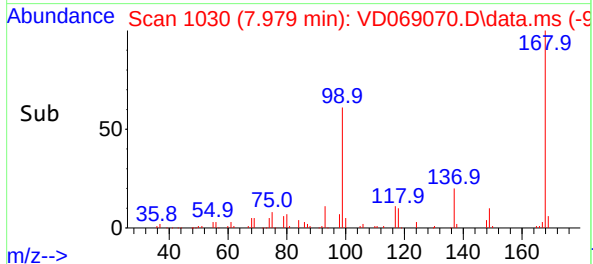
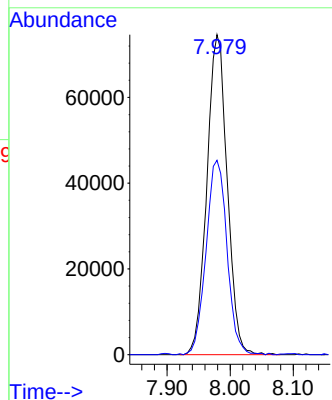
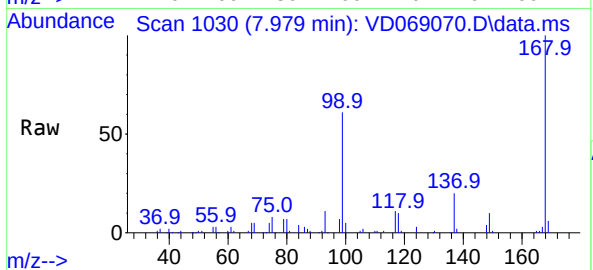




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069070.D
Acq: 05 May 2021 15:38

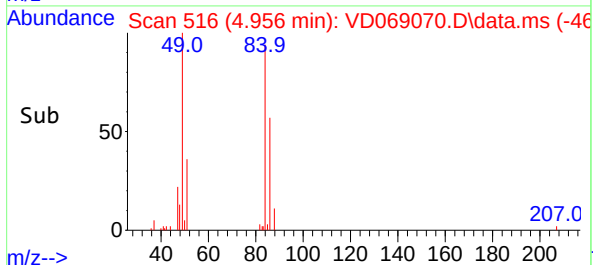
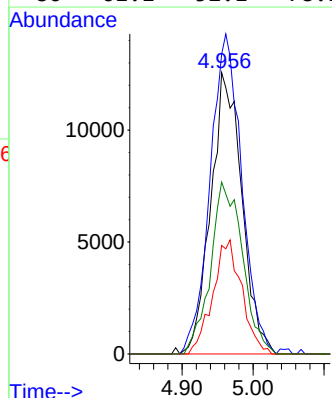
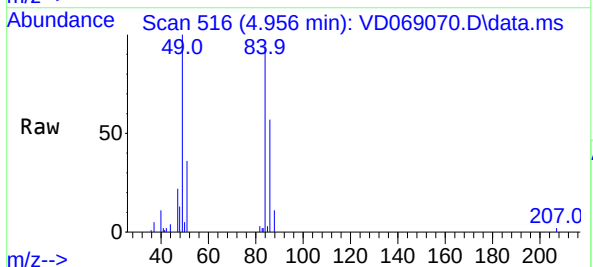
Instrument :
MSVOA_D
ClientSampleId :
STONE-1

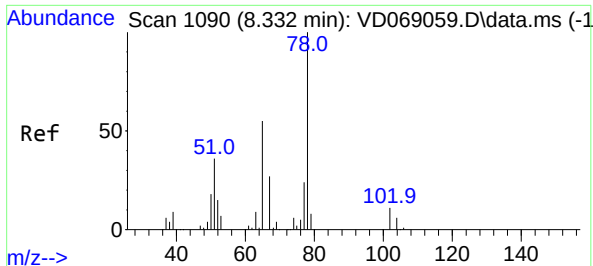
Tgt Ion:168 Resp: 167026
Ion Ratio Lower Upper
168 100
99 60.5 52.6 78.8



#20
Methylene Chloride
Concen: 13.05 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.000 min
Lab File: VD069070.D
Acq: 05 May 2021 15:38

Tgt Ion: 84 Resp: 38093
Ion Ratio Lower Upper
84 100
49 106.5 93.9 140.9
51 38.6 27.9 41.9
86 61.1 52.1 78.1

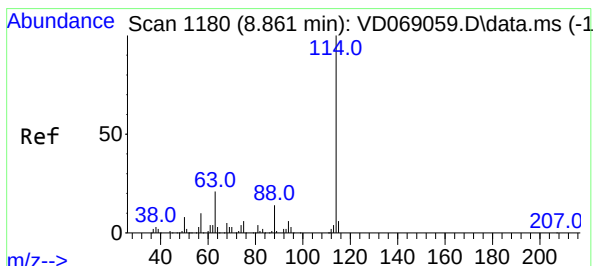
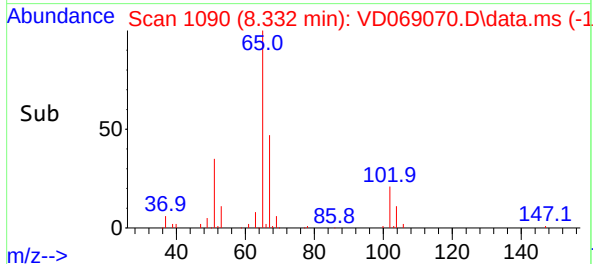
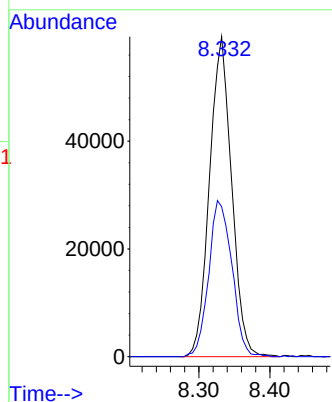
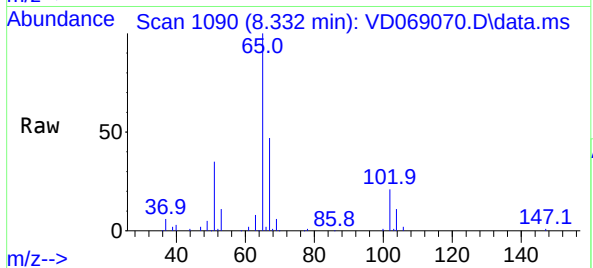




#33
1,2-Dichloroethane-d4
Concen: 59.63 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069070.D
Acq: 05 May 2021 15:38

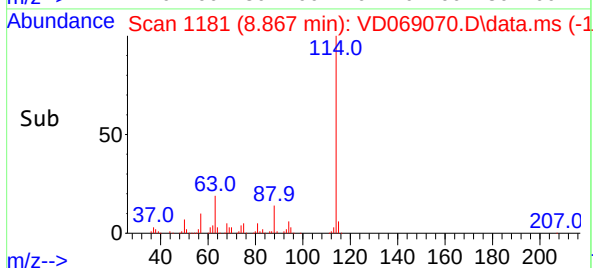
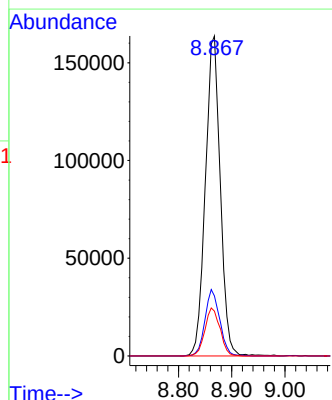
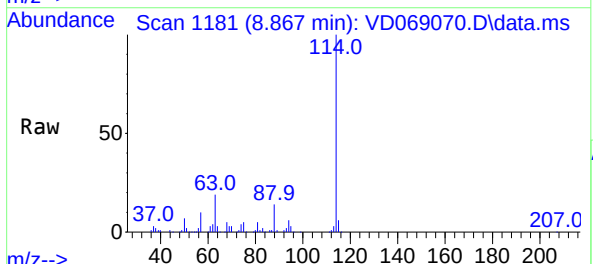
Instrument :
MSVOA_D
ClientSampleId :
STONE-1

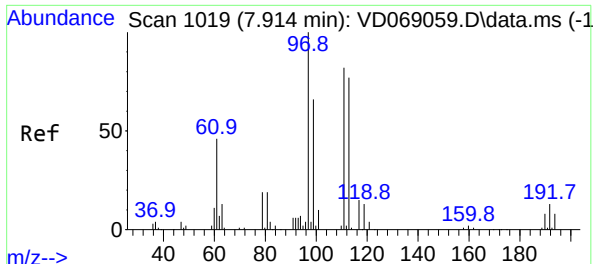
Tgt Ion: 65 Resp: 128356
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VD069070.D
Acq: 05 May 2021 15:38

Tgt Ion: 114 Resp: 318008
Ion Ratio Lower Upper
114 100
63 18.8 0.0 41.4
88 14.0 0.0 27.8

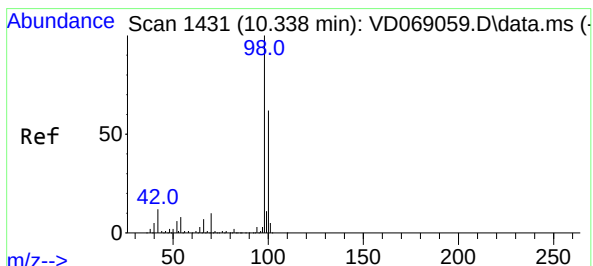
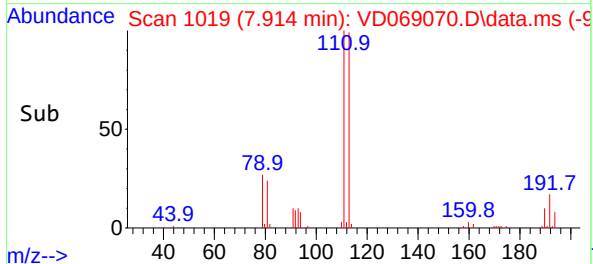
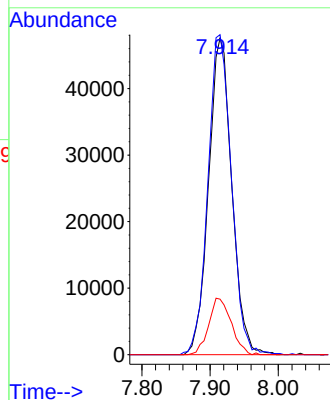
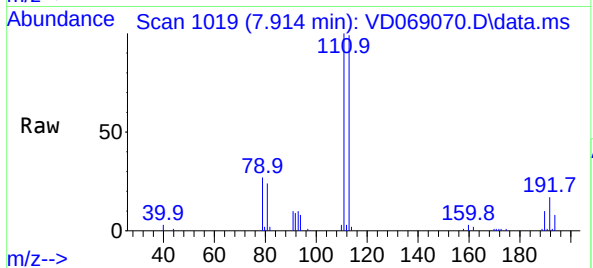




#35
Dibromofluoromethane
Concen: 51.73 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069070.D
Acq: 05 May 2021 15:38

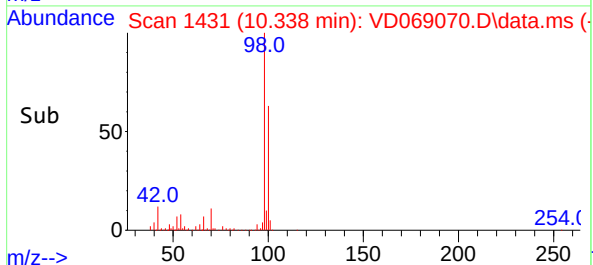
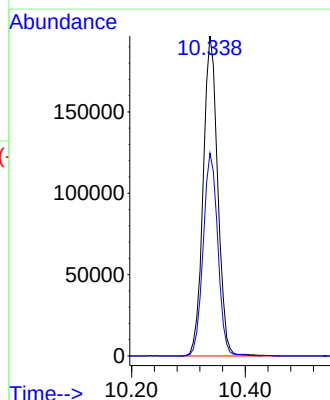
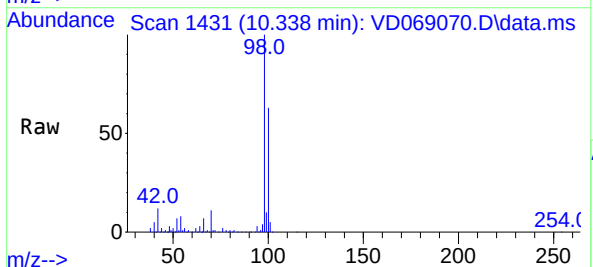
Instrument :
MSVOA_D
ClientSampleId :
STONE-1

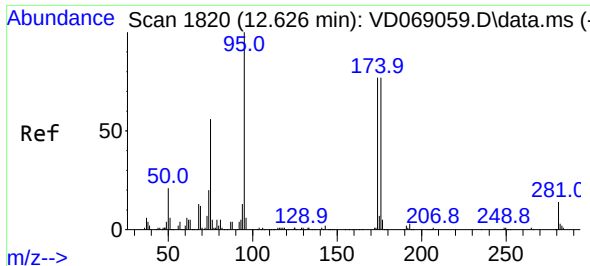
Tgt Ion:113 Resp: 112814
Ion Ratio Lower Upper
113 100
111 102.3 84.6 126.8
192 17.3 13.5 20.3



#50
Toluene-d8
Concen: 43.43 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069070.D
Acq: 05 May 2021 15:38

Tgt Ion: 98 Resp: 349644
Ion Ratio Lower Upper
98 100
100 63.5 51.6 77.4

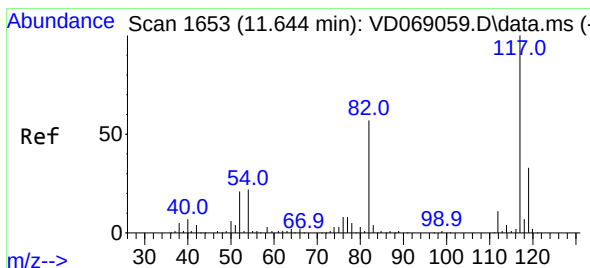
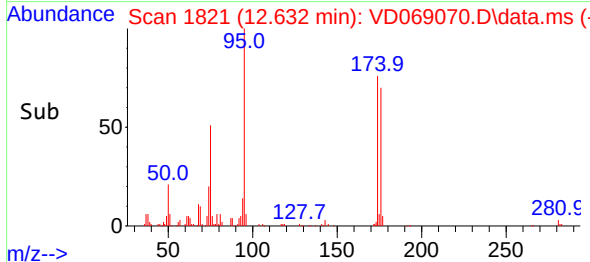
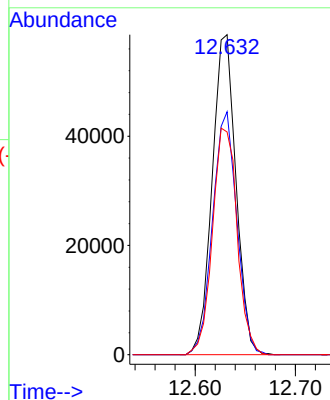
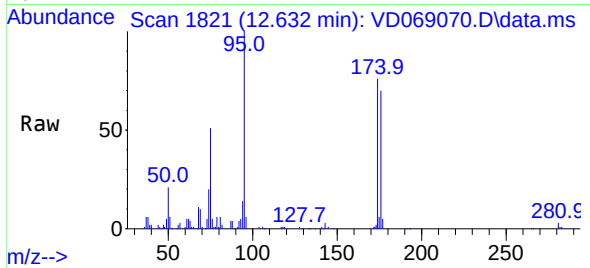




#62
4-Bromofluorobenzene
Concen: 36.42 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069070.D
Acq: 05 May 2021 15:38

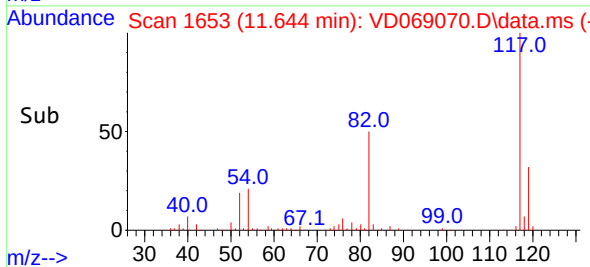
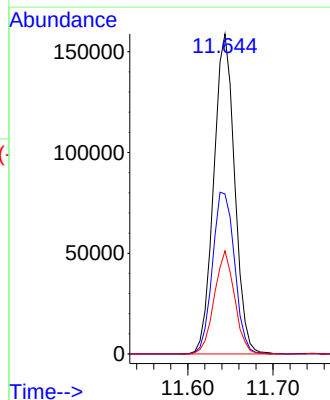
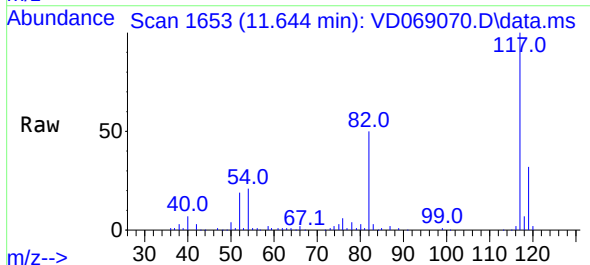
Instrument :
MSVOA_D
ClientSampleId :
STONE-1

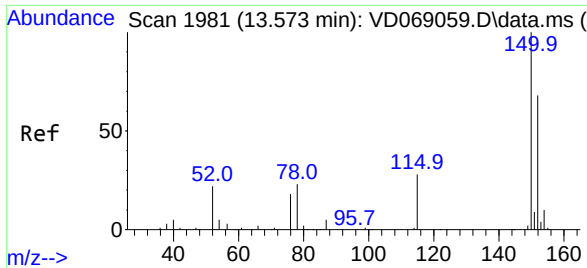
Tgt Ion:	95	Resp:	96460
Ion Ratio	Lower	Upper	
95	100		
174	77.5	0.0	156.0
176	73.4	0.0	149.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069070.D
Acq: 05 May 2021 15:38

Tgt Ion:	117	Resp:	270955
Ion Ratio	Lower	Upper	
117	100		
82	50.0	45.4	68.2
119	32.2	26.8	40.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. 0.000 min
 Lab File: VD069070.D
 Acq: 05 May 2021 15:38

Instrument :
 MSVOA_D
 ClientSampleId :
 STONE-1

Tgt Ion:152 Resp: 100029
 Ion Ratio Lower Upper
 152 100
 115 60.8 30.5 91.5
 150 154.6 0.0 340.8

