

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080321\
 Data File : VD069962.D
 Acq On : 03 Aug 2021 13:19
 Operator : VA/SY
 Sample : M3268-03
 Misc : 7.59G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20210493-79

Quant Time: Aug 04 01:31:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

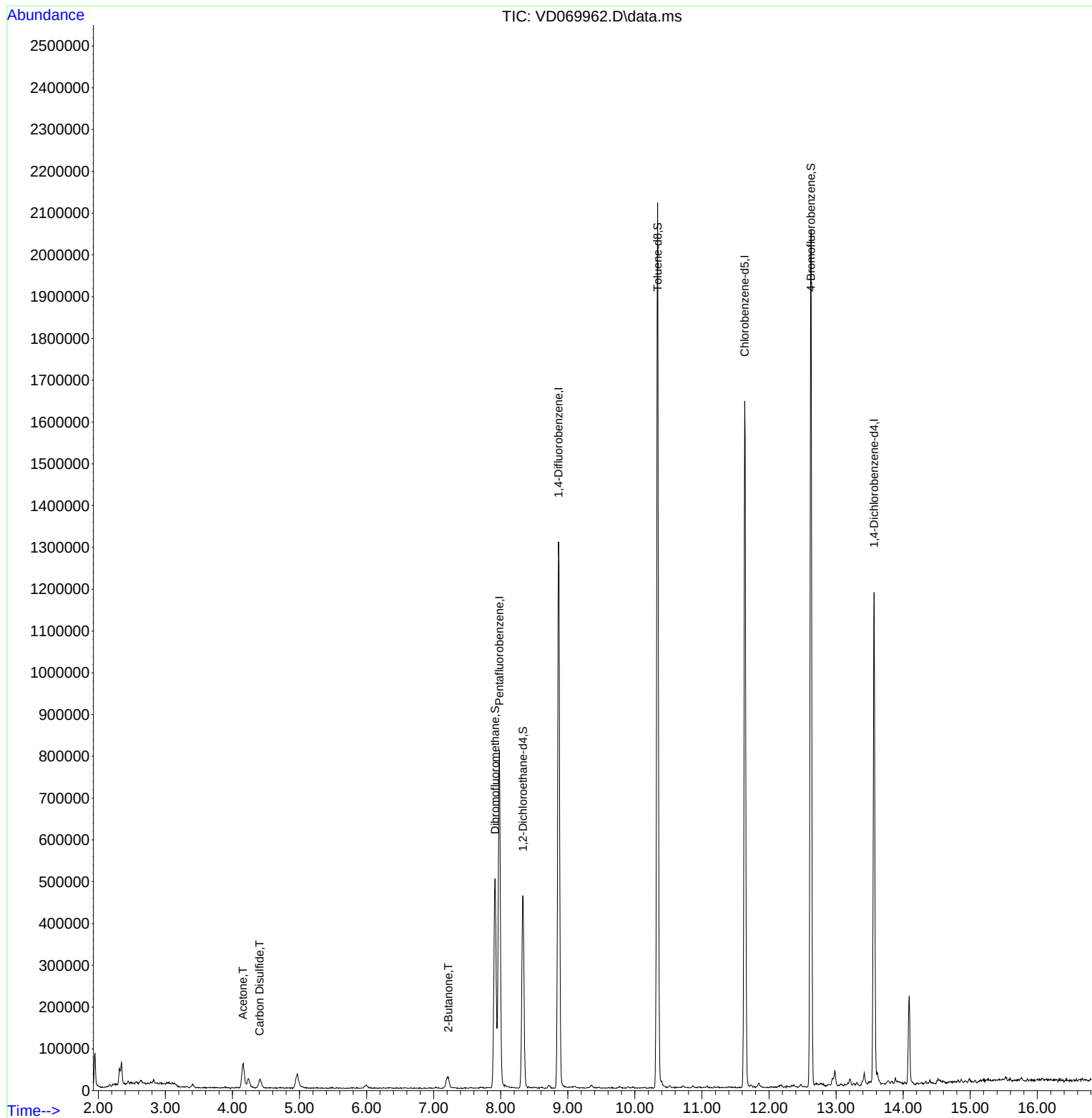
Internal Standards						
1) Pentafluorobenzene	7.979	168	547925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1125970	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	963305	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	309393	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	372394	59.095	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.180%
35) Dibromofluoromethane	7.914	113	375667	52.925	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.840%
50) Toluene-d8	10.338	98	1414035	51.664	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.320%
62) 4-Bromofluorobenzene	12.626	95	406095	44.396	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.800%
Target Compounds						Qvalue
16) Acetone	4.156	43	100475	88.263	ug/l	97
17) Carbon Disulfide	4.403	76	40713	1.816	ug/l #	95
25) 2-Butanone	7.220	43	32761	21.222	ug/l	99

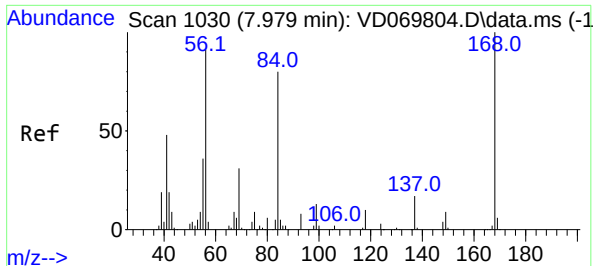
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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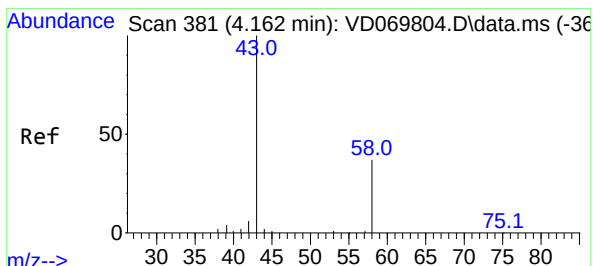
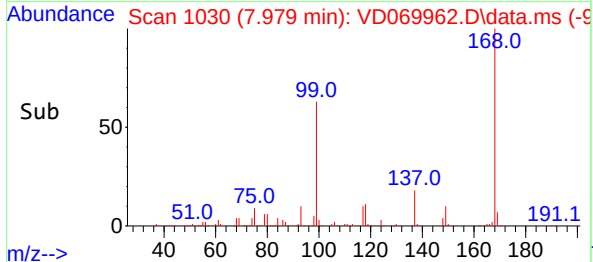
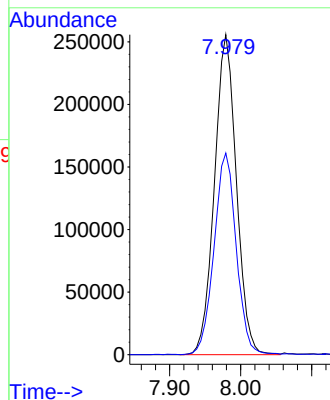
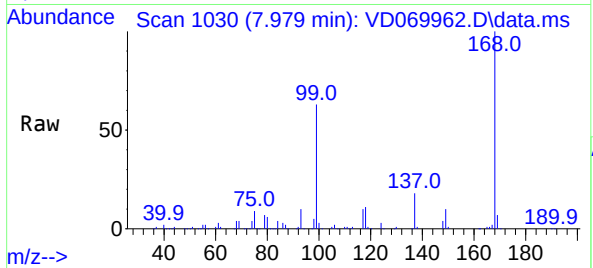




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069962.D
Acq: 03 Aug 2021 13:19

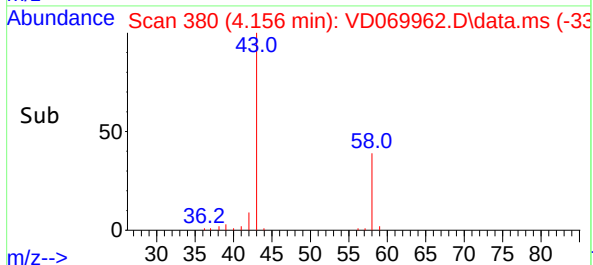
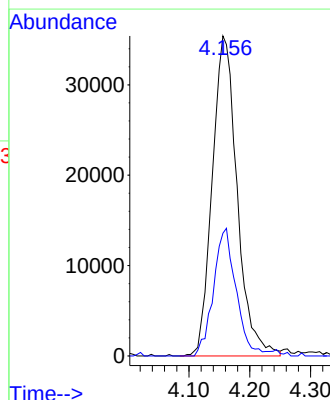
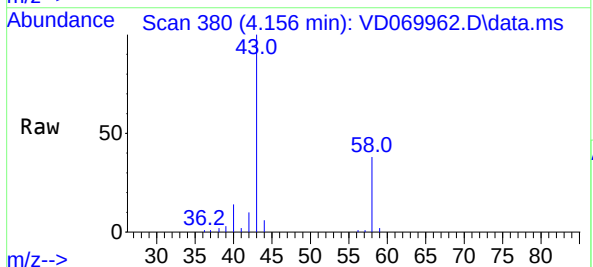
Instrument :
MSVOA_D
ClientSampleId :
20210493-79

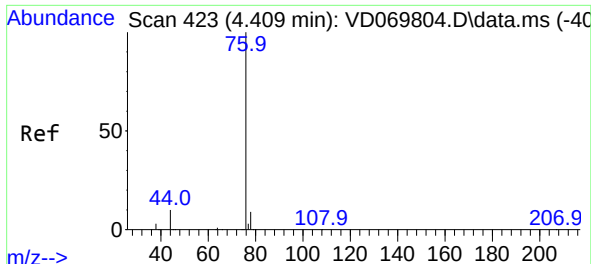
Tgt Ion:168 Resp: 547925
Ion Ratio Lower Upper
168 100
99 63.0 51.1 76.7



#16
Acetone
Concen: 88.263 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069962.D
Acq: 03 Aug 2021 13:19

Tgt Ion: 43 Resp: 100475
Ion Ratio Lower Upper
43 100
58 38.3 29.4 44.0

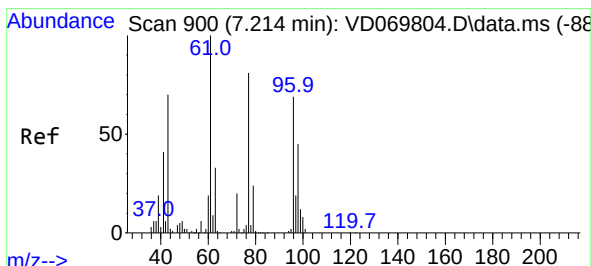
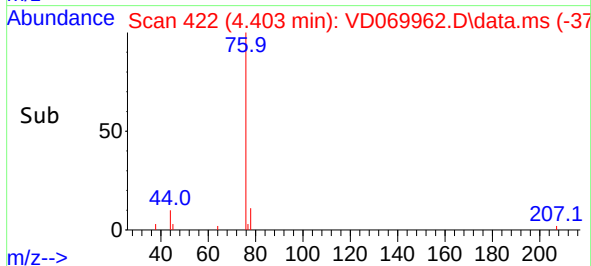
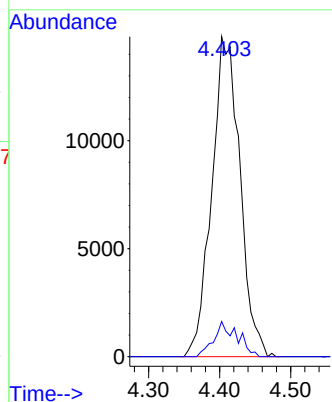
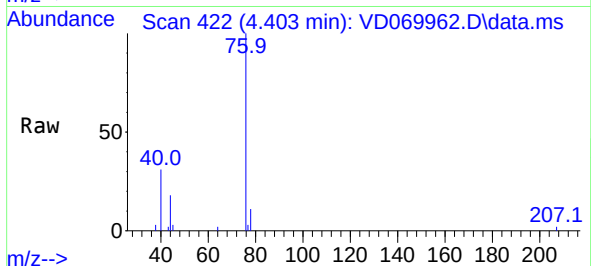




#17
Carbon Disulfide
Concen: 1.816 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD069962.D
Acq: 03 Aug 2021 13:19

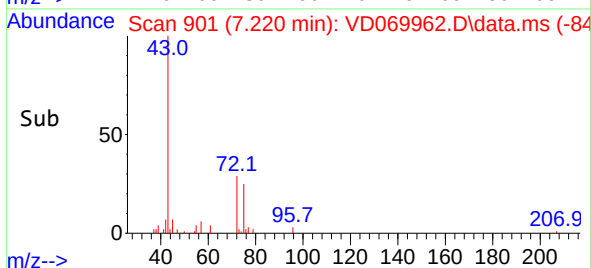
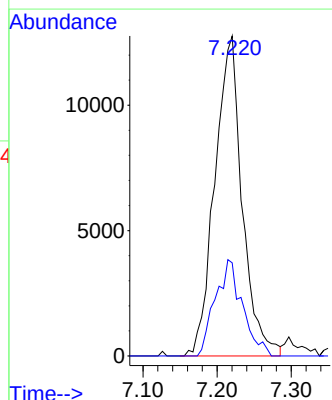
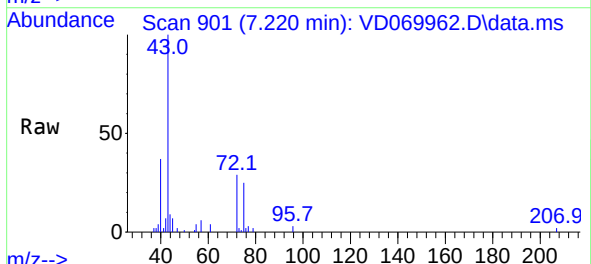
Instrument :
MSVOA_D
ClientSampleId :
20210493-79

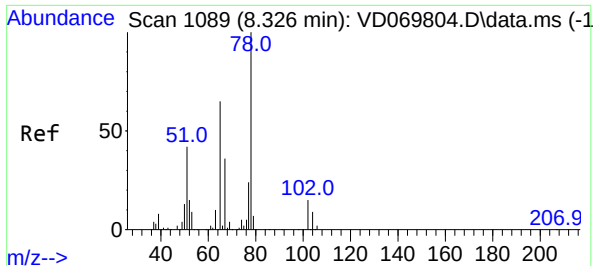
Tgt Ion: 76 Resp: 40713
Ion Ratio Lower Upper
76 100
78 11.0 7.3 10.9#



#25
2-Butanone
Concen: 21.222 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD069962.D
Acq: 03 Aug 2021 13:19

Tgt Ion: 43 Resp: 32761
Ion Ratio Lower Upper
43 100
72 29.1 22.8 34.2

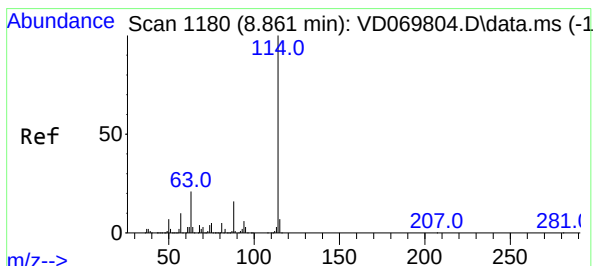
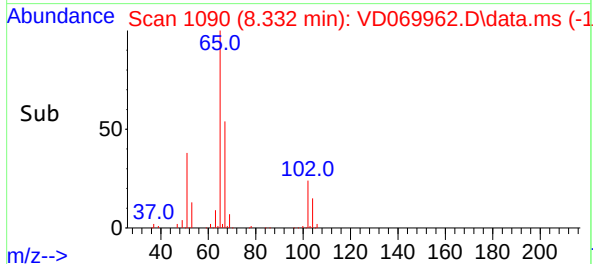
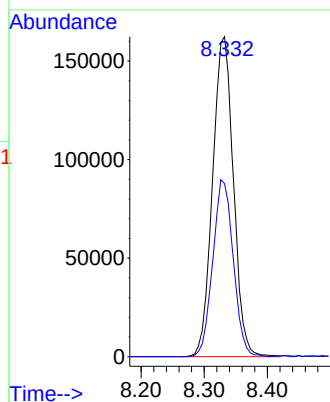
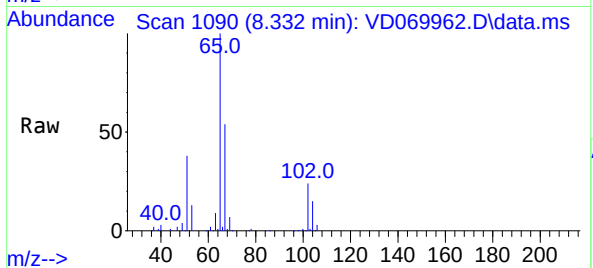




#33
1,2-Dichloroethane-d4
Concen: 59.095 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069962.D
Acq: 03 Aug 2021 13:19

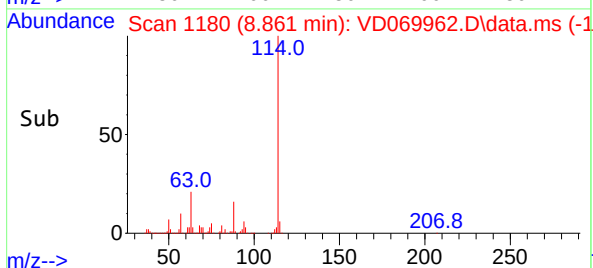
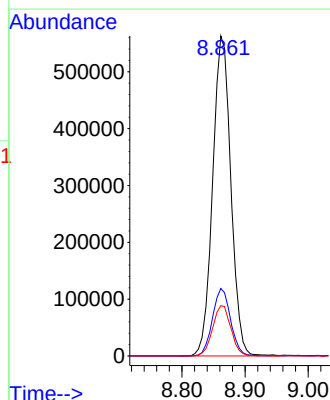
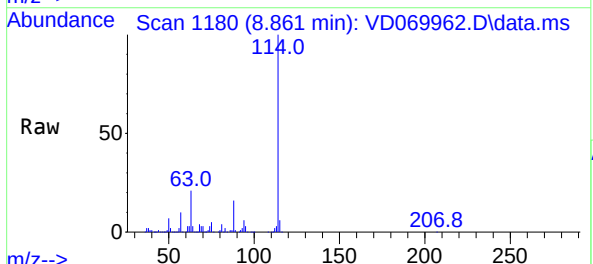
Instrument :
MSVOA_D
ClientSampleId :
20210493-79

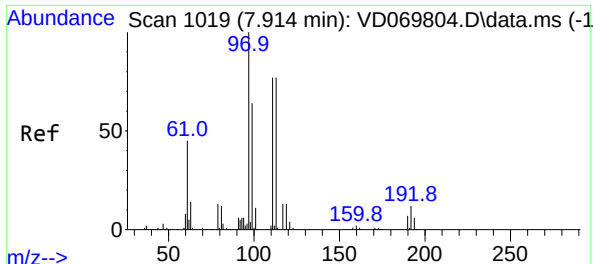
Tgt Ion: 65 Resp: 372394
Ion Ratio Lower Upper
65 100
67 54.4 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069962.D
Acq: 03 Aug 2021 13:19

Tgt Ion: 114 Resp: 1125970
Ion Ratio Lower Upper
114 100
63 21.1 0.0 41.6
88 15.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.925 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD069962.D

Acq: 03 Aug 2021 13:19

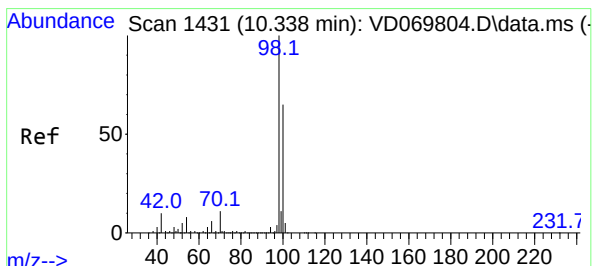
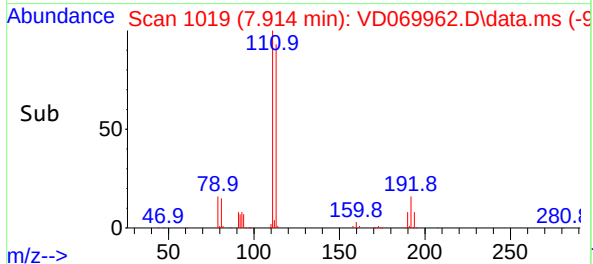
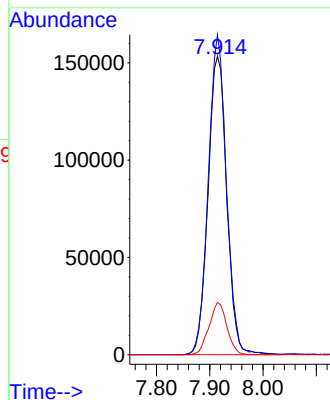
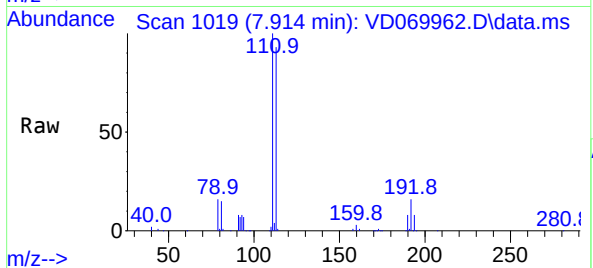
Tgt Ion:113 Resp: 375667

Ion Ratio Lower Upper

113 100

111 103.4 80.5 120.7

192 16.7 12.6 19.0



#50

Toluene-d8

Concen: 51.664 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD069962.D

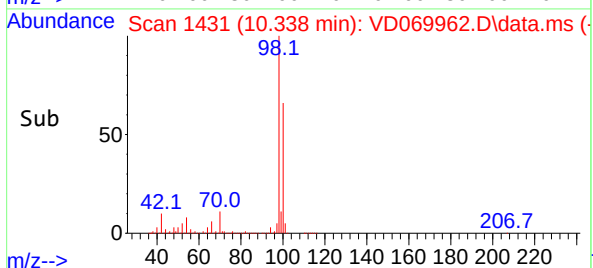
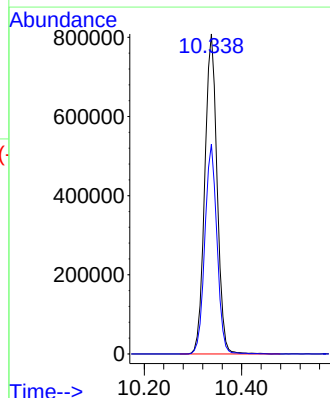
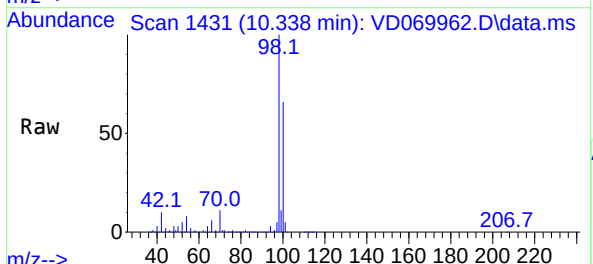
Acq: 03 Aug 2021 13:19

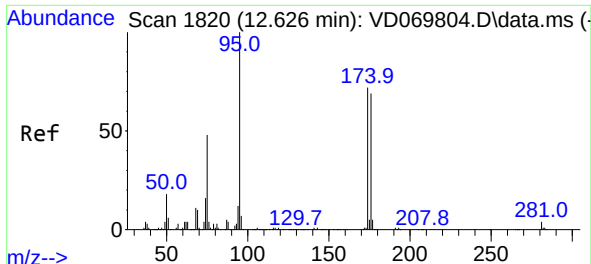
Tgt Ion: 98 Resp: 1414035

Ion Ratio Lower Upper

98 100

100 64.6 51.9 77.9



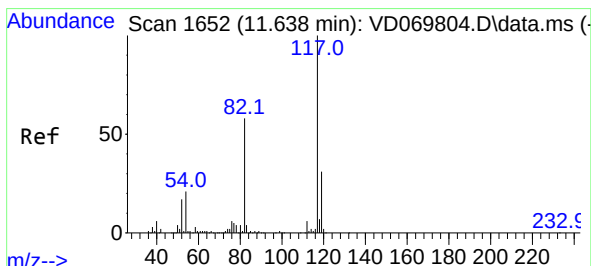
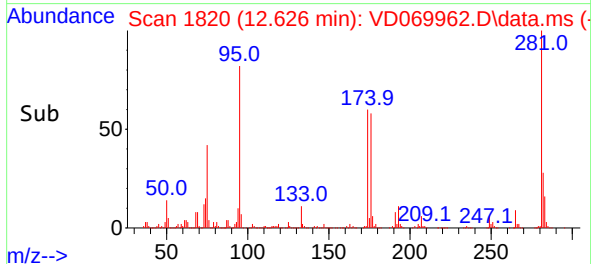
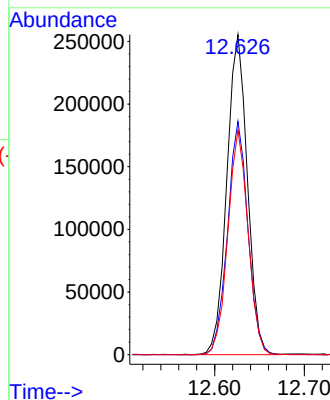
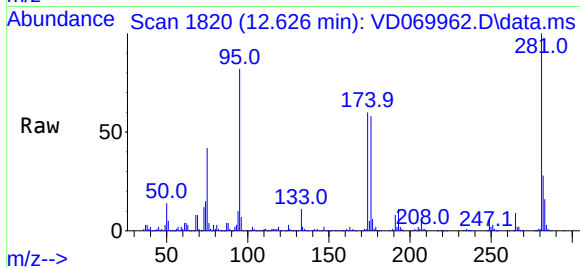


#62
4-Bromofluorobenzene
Concen: 44.396 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069962.D
Acq: 03 Aug 2021 13:19

Instrument :
MSVOA_D
ClientSampleId :
20210493-79

Tgt Ion: 95 Resp: 406095

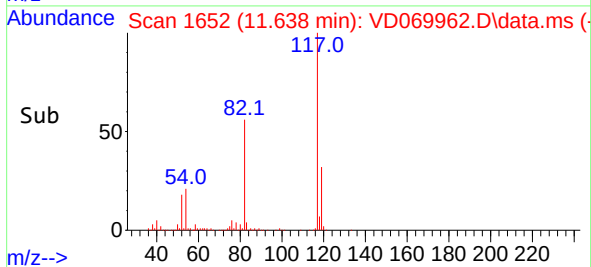
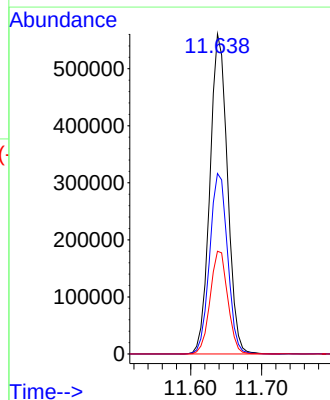
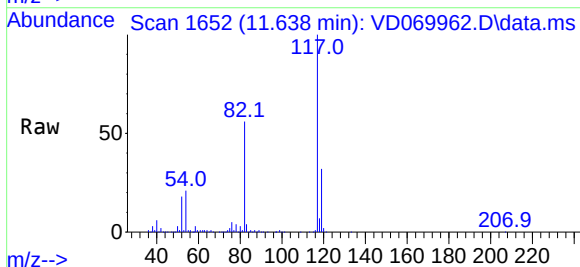
Ion	Ratio	Lower	Upper
95	100		
174	72.3	0.0	142.6
176	68.7	0.0	134.2

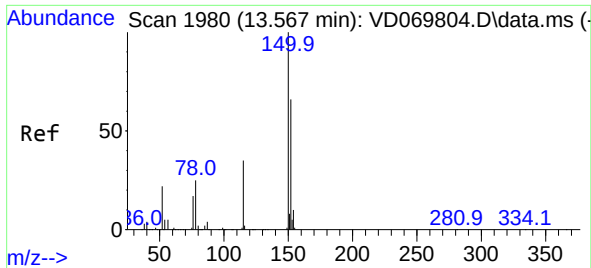


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069962.D
Acq: 03 Aug 2021 13:19

Tgt Ion: 117 Resp: 963305

Ion	Ratio	Lower	Upper
117	100		
82	56.4	46.3	69.5
119	32.1	24.7	37.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD069962.D
 Acq: 03 Aug 2021 13:19

Instrument :
 MSVOA_D
 ClientSampleId :
 20210493-79

Tgt Ion:152 Resp: 309393

Ion	Ratio	Lower	Upper
152	100		
115	61.7	31.1	93.3
150	156.3	0.0	343.0

