

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070821\
 Data File : VD069632.D
 Acq On : 08 Jul 2021 16:35
 Operator : VA/SY
 Sample : M2969-03
 Misc : 5.17G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB02

Quant Time: Jul 09 01:04:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 22 04:33:24 2021
 Response via : Initial Calibration

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

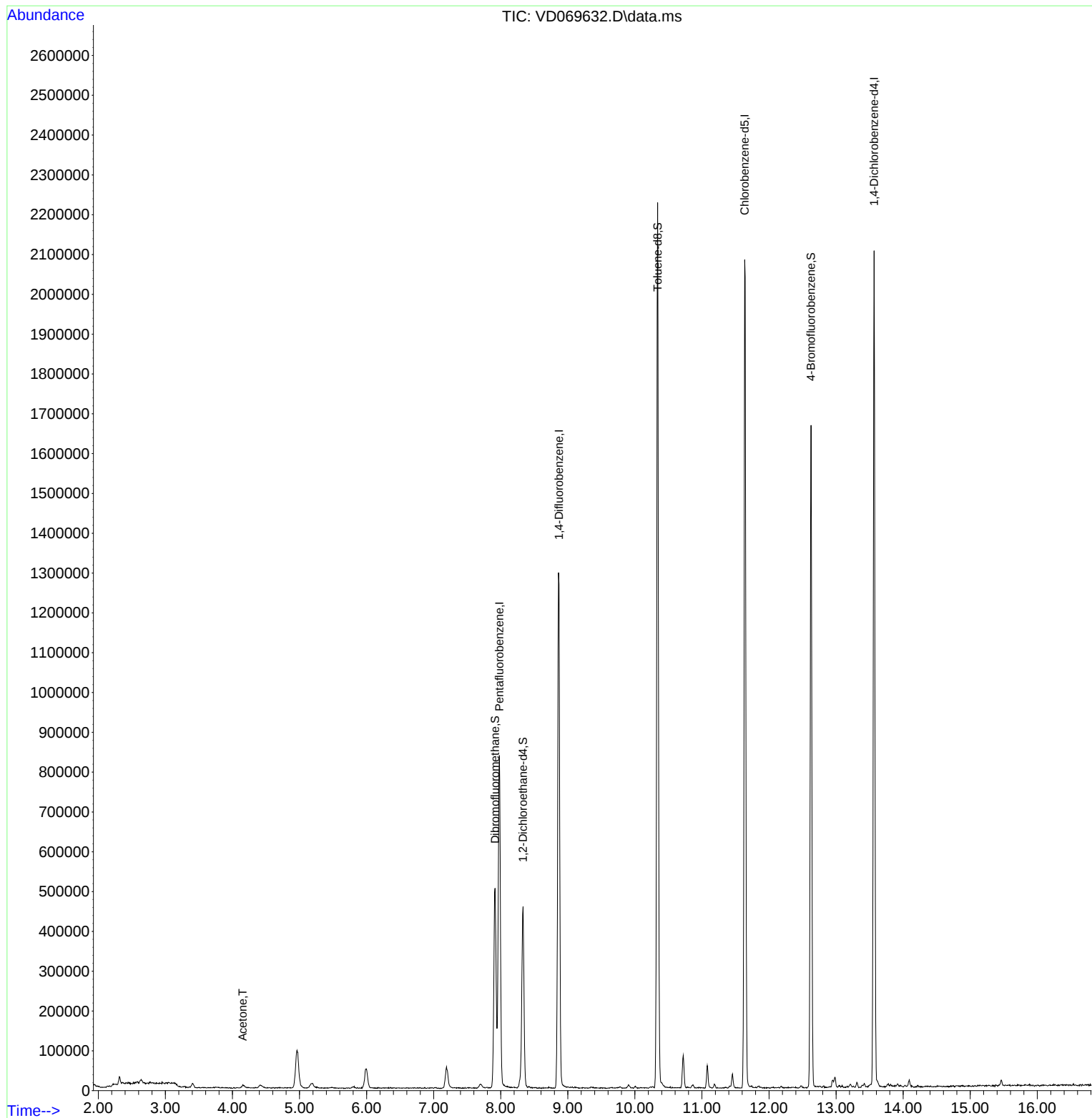
Internal Standards						
1) Pentafluorobenzene	7.979	168	576283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	1110804	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1216754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	529237	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	358166	49.861	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.720%
35) Dibromofluoromethane	7.914	113	372835	49.653	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.300%
50) Toluene-d8	10.338	98	1481469	52.599	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.200%
62) 4-Bromofluorobenzene	12.626	95	551686	59.581	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	119.160%
Target Compounds						
16) Acetone	4.150	43	12057	9.972	ug/l	Qvalue 93

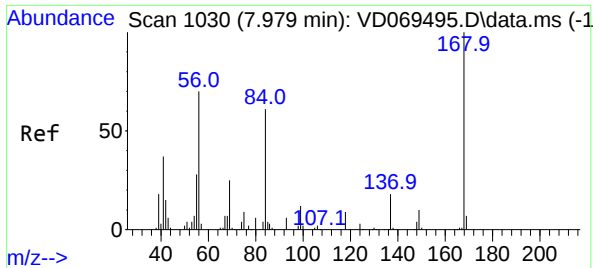
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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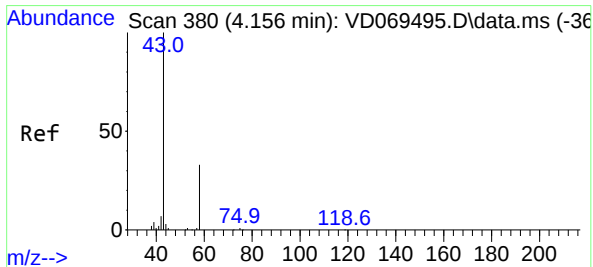
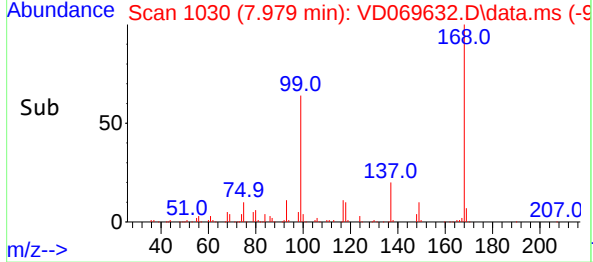
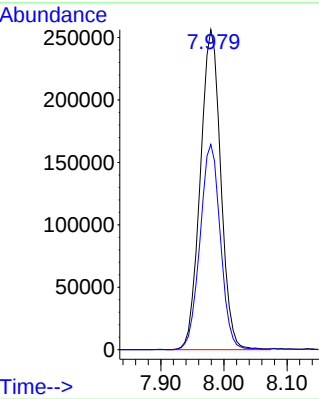
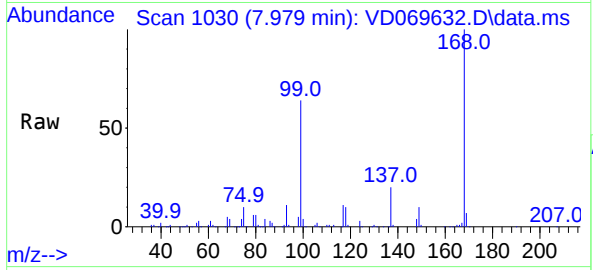




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069632.D
Acq: 08 Jul 2021 16:35

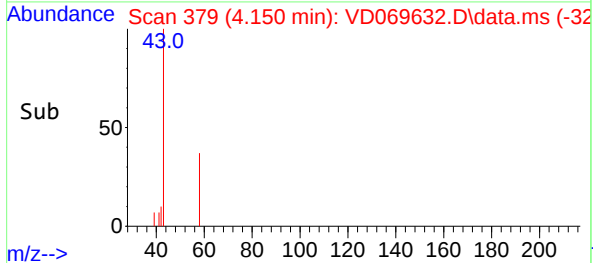
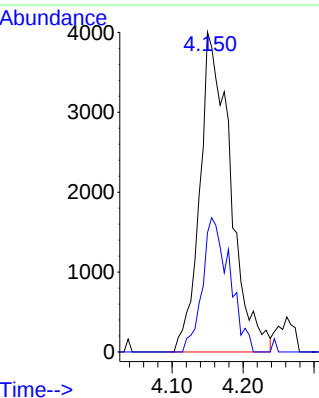
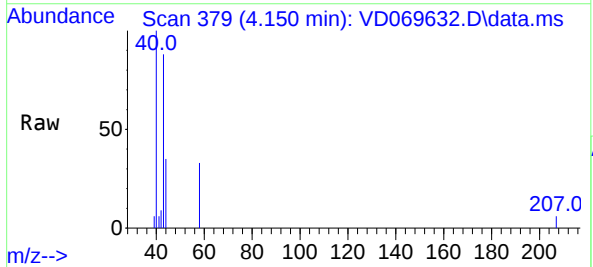
Instrument :
MSVOA_D
ClientSampleId :
SB02

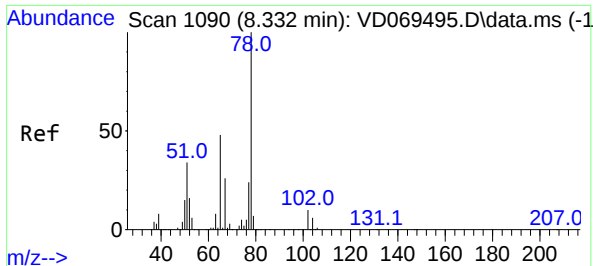
Tgt Ion:168 Resp: 576283
Ion Ratio Lower Upper
168 100
99 64.1 49.3 73.9



#16
Acetone
Concen: 9.972 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD069632.D
Acq: 08 Jul 2021 16:35

Tgt Ion: 43 Resp: 12057
Ion Ratio Lower Upper
43 100
58 37.2 26.8 40.2

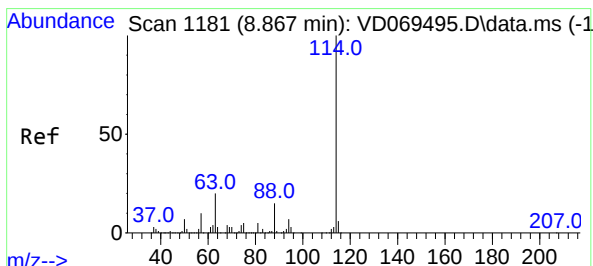
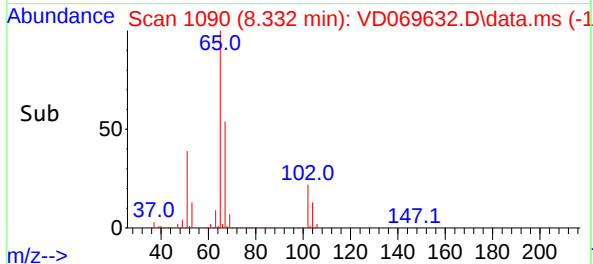
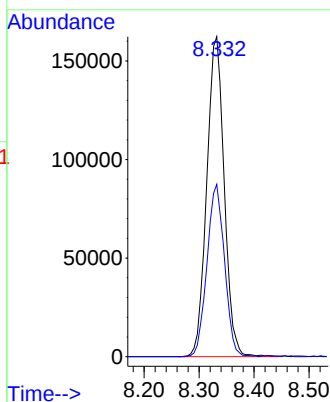
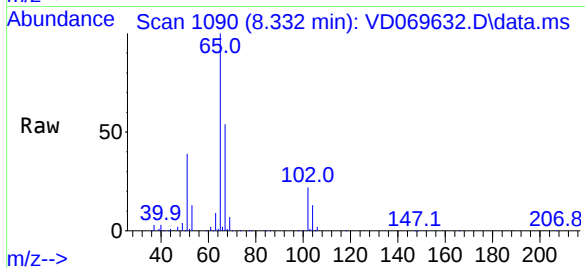




#33
1,2-Dichloroethane-d4
Concen: 49.861 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069632.D
Acq: 08 Jul 2021 16:35

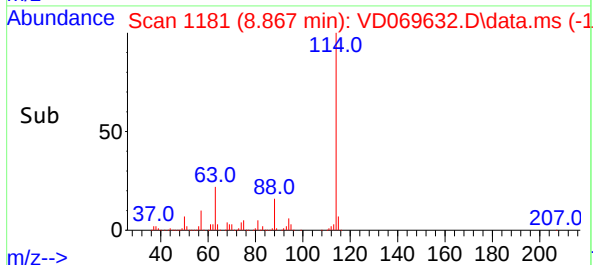
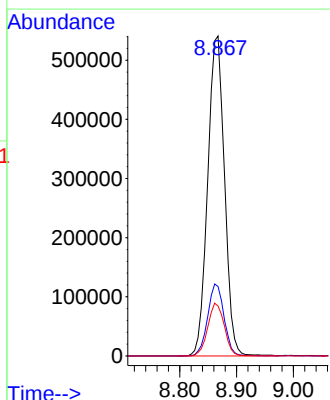
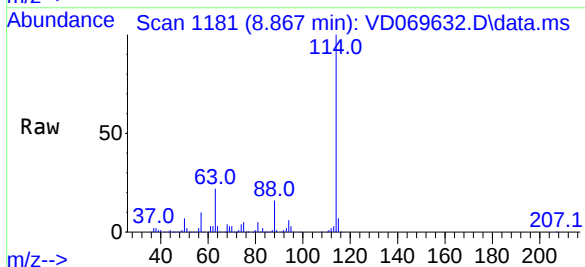
Instrument :
MSVOA_D
ClientSampleId :
SB02

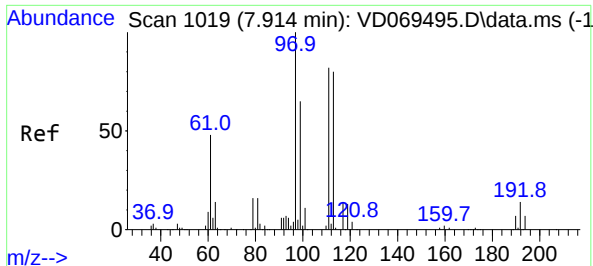
Tgt Ion: 65 Resp: 358166
Ion Ratio Lower Upper
65 100
67 54.0 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069632.D
Acq: 08 Jul 2021 16:35

Tgt Ion:114 Resp: 1110804
Ion Ratio Lower Upper
114 100
63 21.7 0.0 39.6
88 15.6 0.0 29.8

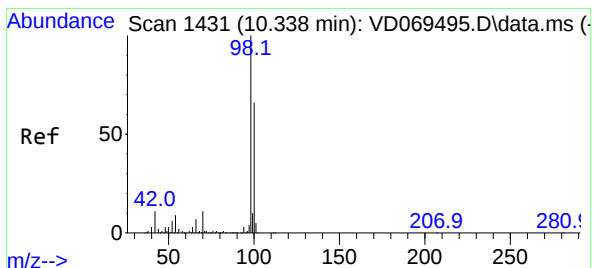
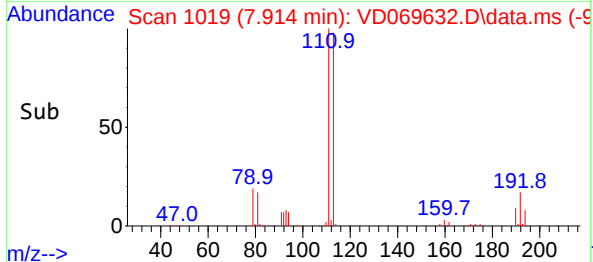
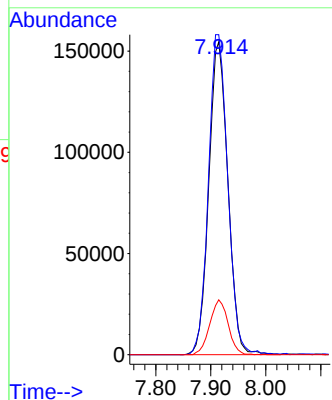
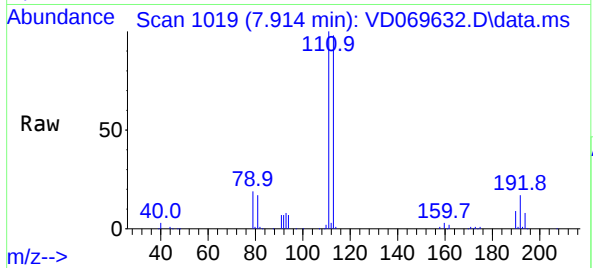




#35
Dibromofluoromethane
Concen: 49.653 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069632.D
Acq: 08 Jul 2021 16:35

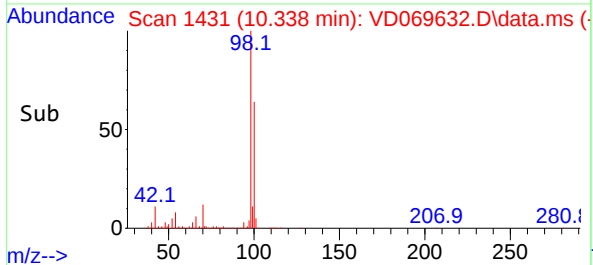
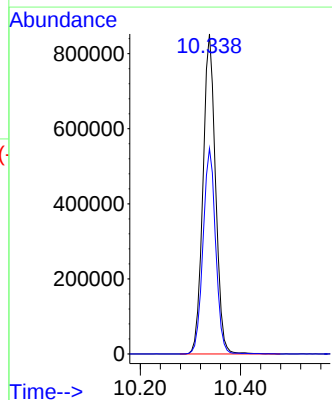
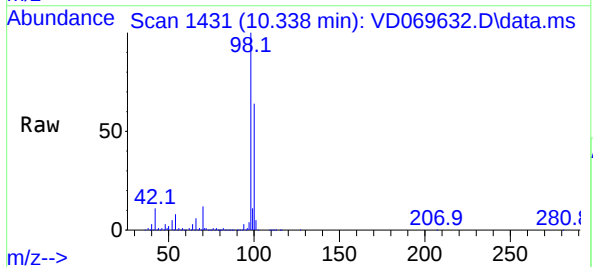
Instrument :
MSVOA_D
ClientSampleId :
SB02

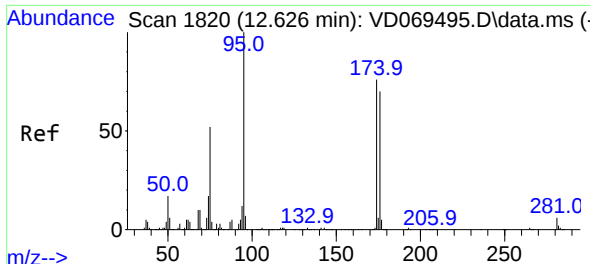
Tgt Ion:113 Resp: 372835
Ion Ratio Lower Upper
113 100
111 103.6 81.8 122.8
192 16.9 13.8 20.6



#50
Toluene-d8
Concen: 52.599 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069632.D
Acq: 08 Jul 2021 16:35

Tgt Ion: 98 Resp: 1481469
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5

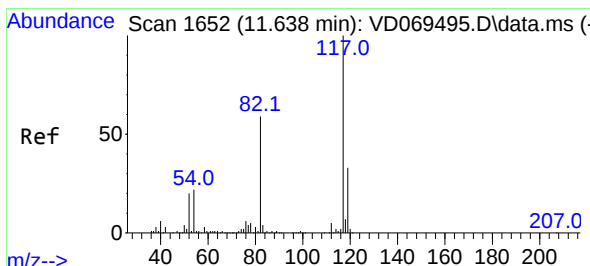
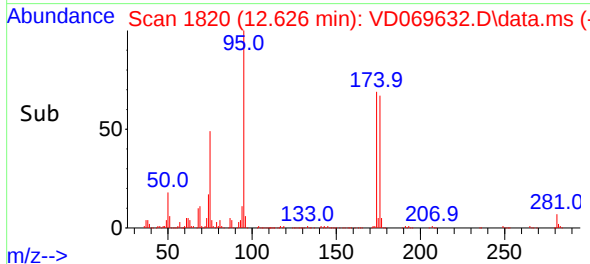
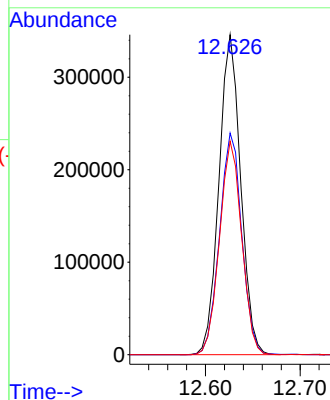
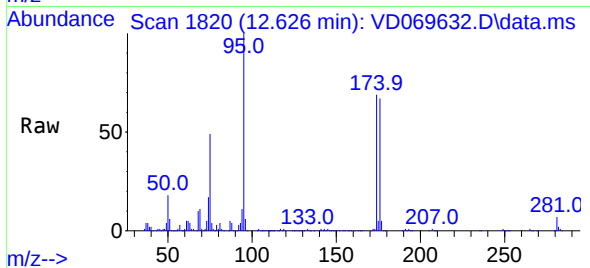




#62
4-Bromofluorobenzene
Concen: 59.581 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069632.D
Acq: 08 Jul 2021 16:35

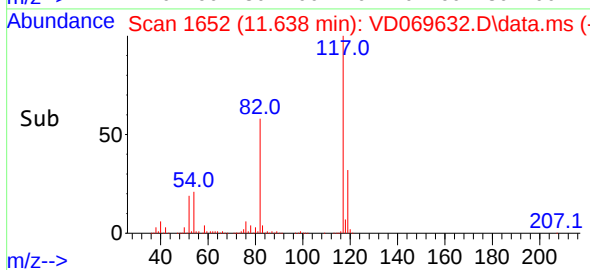
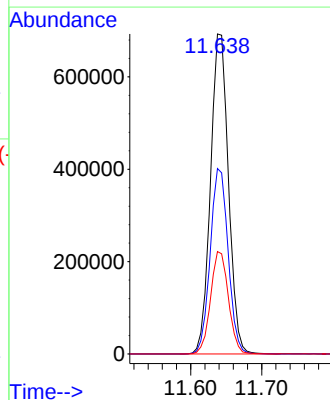
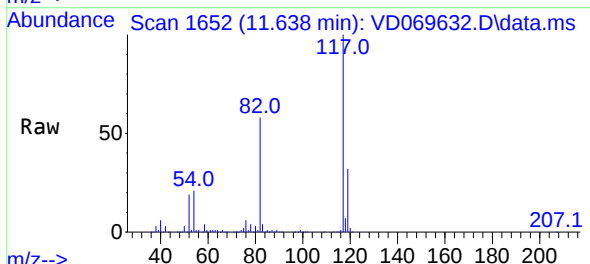
Instrument :
MSVOA_D
ClientSampleId :
SB02

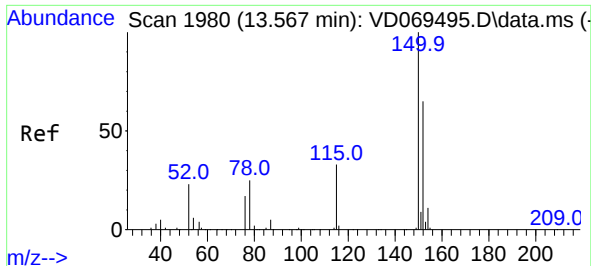
Tgt Ion: 95 Resp: 551686
Ion Ratio Lower Upper
95 100
174 70.9 0.0 148.0
176 67.9 0.0 139.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069632.D
Acq: 08 Jul 2021 16:35

Tgt Ion: 117 Resp: 1216754
Ion Ratio Lower Upper
117 100
82 57.9 46.8 70.2
119 32.0 26.2 39.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD069632.D
 Acq: 08 Jul 2021 16:35

Instrument :
 MSVOA_D
 ClientSampleId :
 SB02

Tgt Ion:152 Resp: 529237
 Ion Ratio Lower Upper
 152 100
 115 62.3 31.7 95.1
 150 158.4 0.0 350.8

