

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071421\
 Data File : VD069685.D
 Acq On : 14 Jul 2021 11:24
 Operator : VA/SY
 Sample : VD0714SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0714SBL01

Quant Time: Jul 14 16:29:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

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

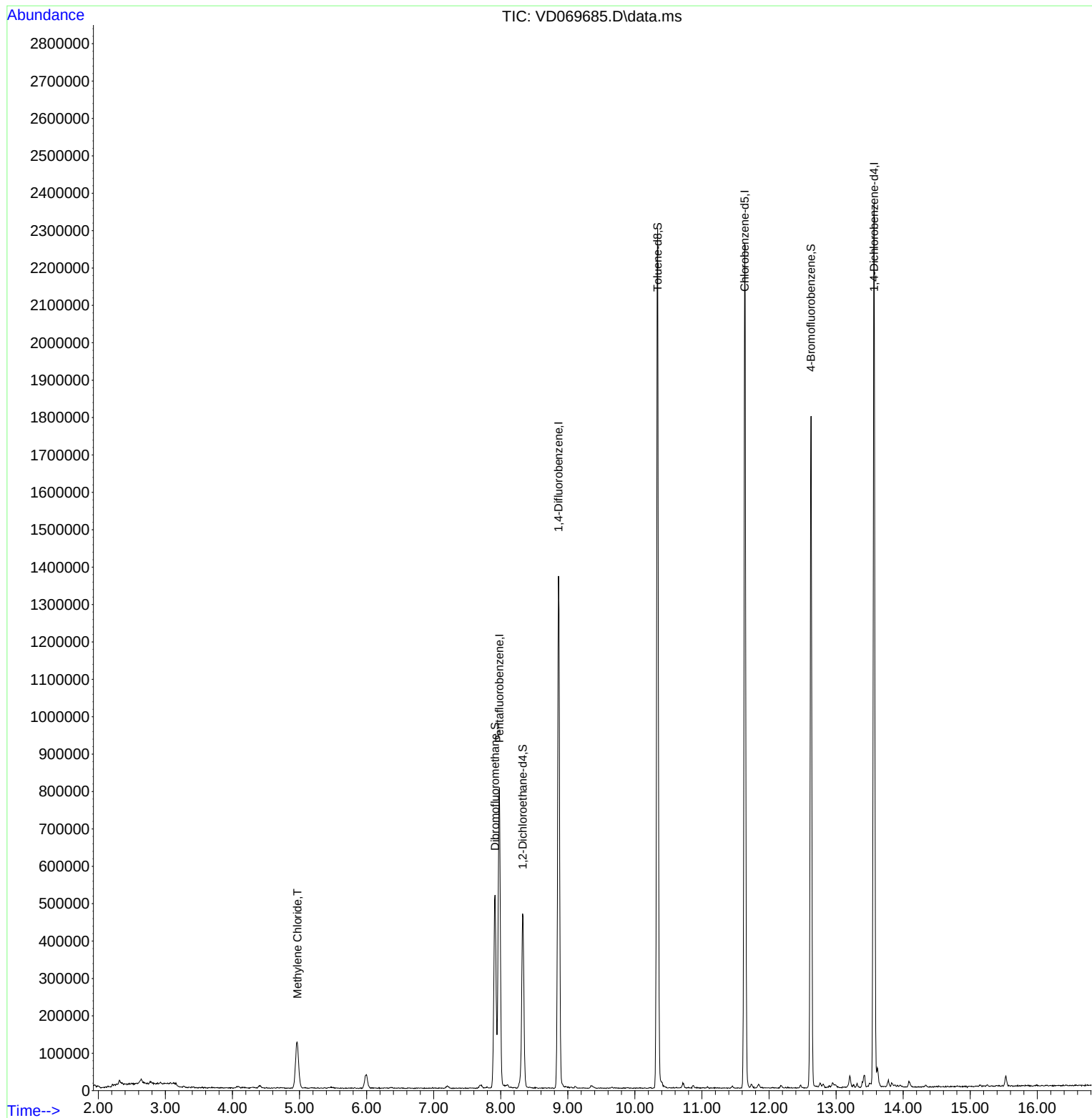
Internal Standards						
1) Pentafluorobenzene	7.979	168	560655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1160054	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1303791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	613531	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	367713	52.527	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	105.060%	
35) Dibromofluoromethane	7.914	113	380981	48.953	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	97.900%	
50) Toluene-d8	10.338	98	1546941	51.163	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	102.320%	
62) 4-Bromofluorobenzene	12.626	95	611147	60.607	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	121.220%	
Target Compounds						
20) Methylene Chloride	4.968	84	103005	6.023	ug/l	Qvalue 95

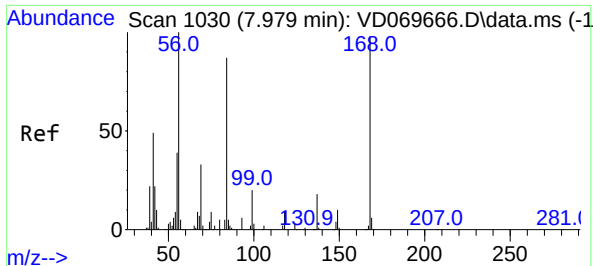
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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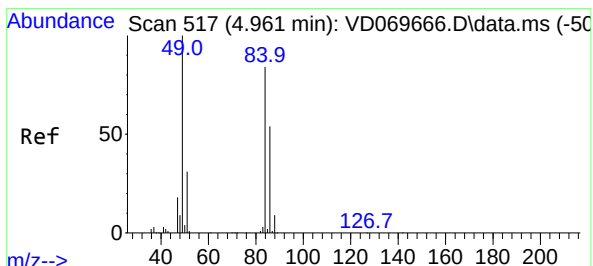
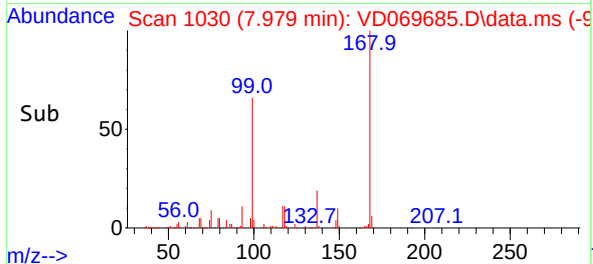
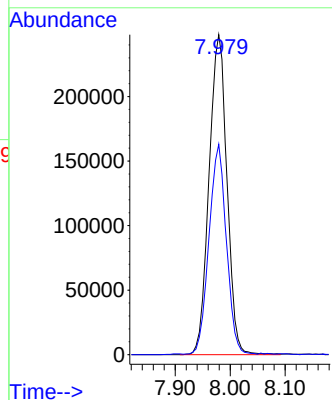
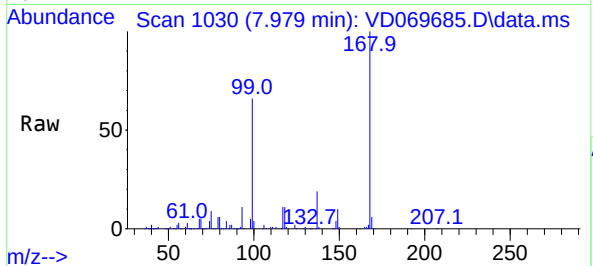




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069685.D
Acq: 14 Jul 2021 11:24

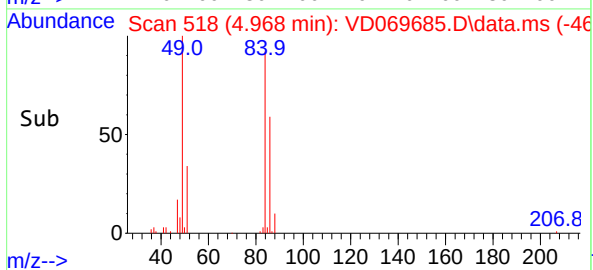
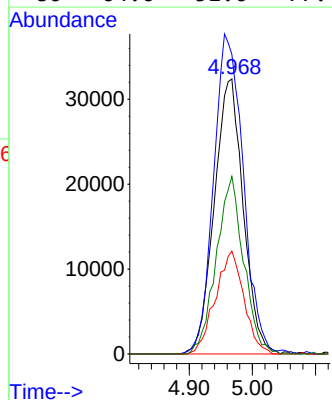
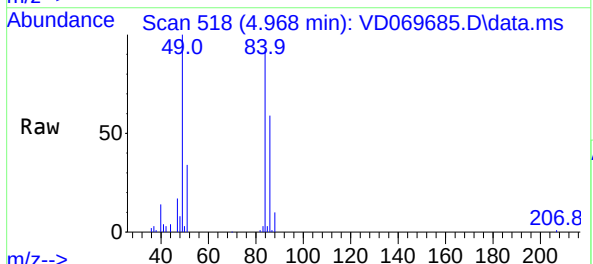
Instrument :
MSVOA_D
ClientSampleId :
VD0714SBL01

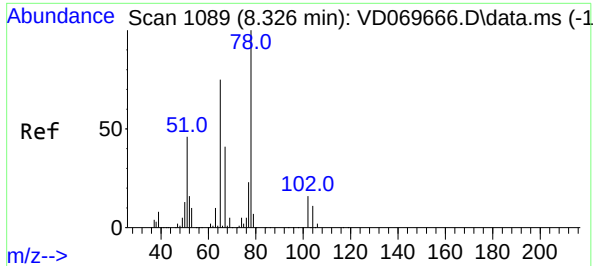
Tgt Ion:168 Resp: 560655
Ion Ratio Lower Upper
168 100
99 65.5 51.8 77.6



#20
Methylene Chloride
Concen: 6.023 ug/l
RT: 4.968 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD069685.D
Acq: 14 Jul 2021 11:24

Tgt Ion: 84 Resp: 103005
Ion Ratio Lower Upper
84 100
49 108.9 95.5 143.3
51 37.4 29.7 44.5
86 64.6 51.6 77.4

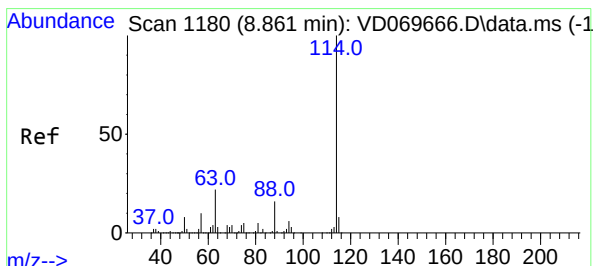
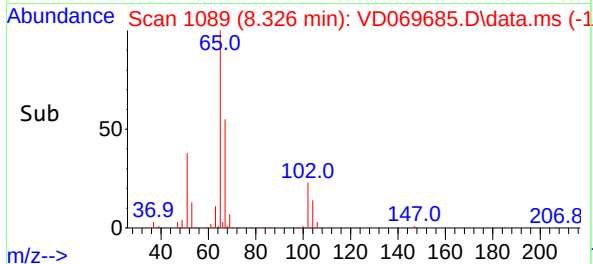
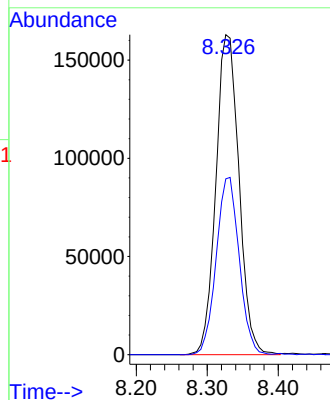
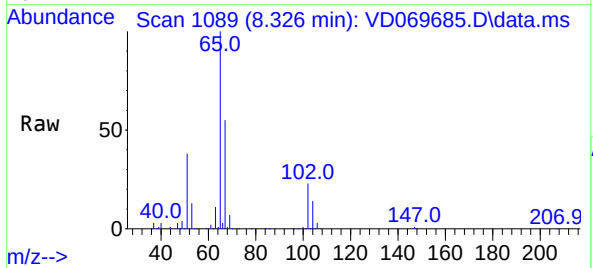




#33
1,2-Dichloroethane-d4
Concen: 52.527 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD069685.D
Acq: 14 Jul 2021 11:24

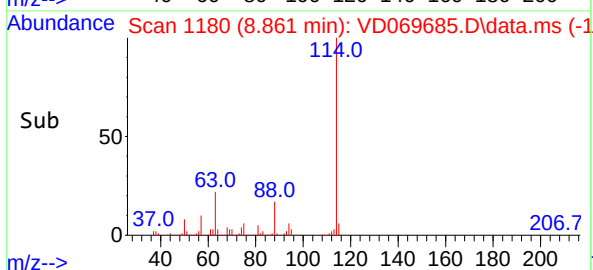
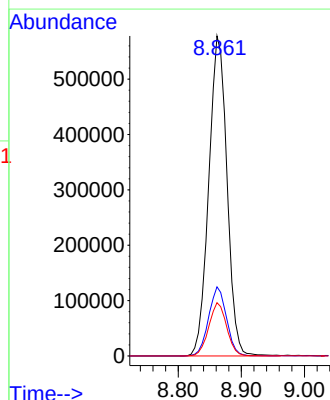
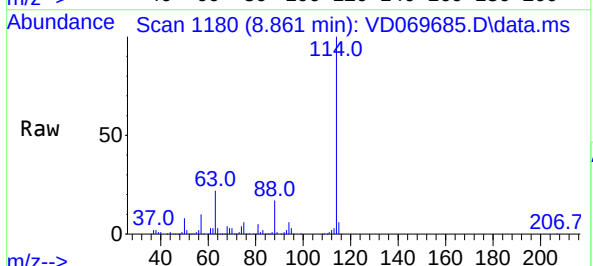
Instrument :
MSVOA_D
ClientSampleId :
VD0714SBL01

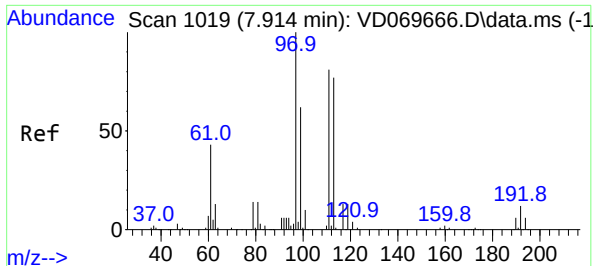
Tgt Ion: 65 Resp: 367713
Ion Ratio Lower Upper
65 100
67 55.0 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069685.D
Acq: 14 Jul 2021 11:24

Tgt Ion: 114 Resp: 1160054
Ion Ratio Lower Upper
114 100
63 21.6 0.0 43.4
88 16.7 0.0 32.0



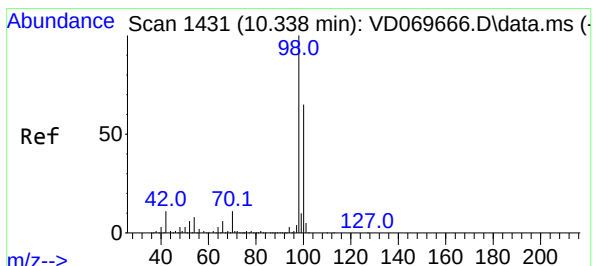
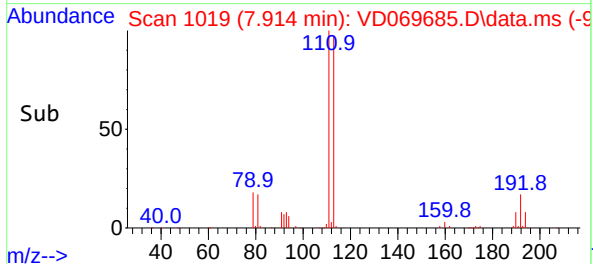
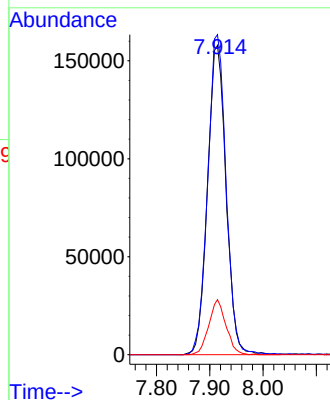
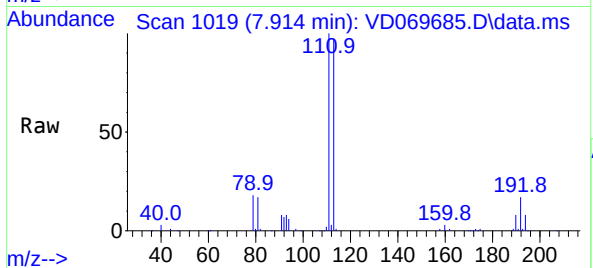


#35

Dibromofluoromethane
Concen: 48.953 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069685.D
Acq: 14 Jul 2021 11:24

Instrument :
MSVOA_D
ClientSampleId :
VD0714SBL01

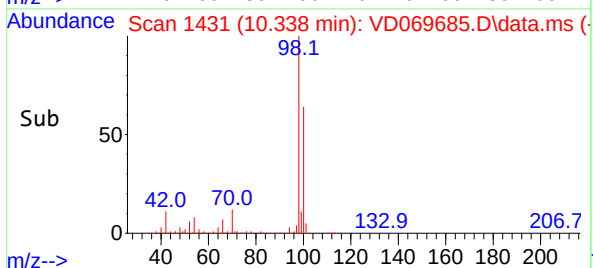
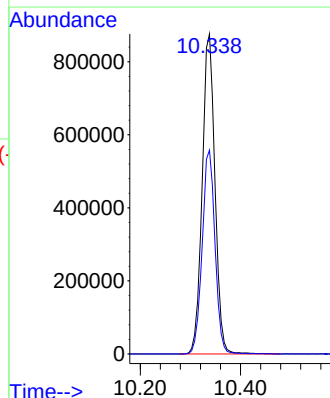
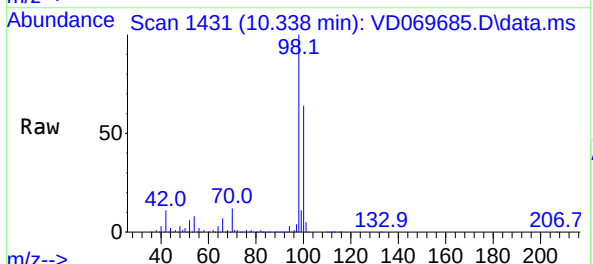
Tgt Ion:113 Resp: 380981
Ion Ratio Lower Upper
113 100
111 102.9 82.6 123.8
192 16.5 12.7 19.1

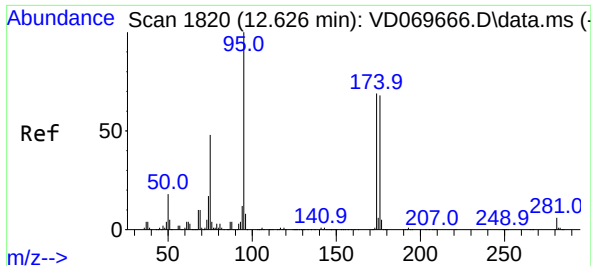


#50

Toluene-d8
Concen: 51.163 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069685.D
Acq: 14 Jul 2021 11:24

Tgt Ion: 98 Resp: 1546941
Ion Ratio Lower Upper
98 100
100 64.1 52.2 78.2

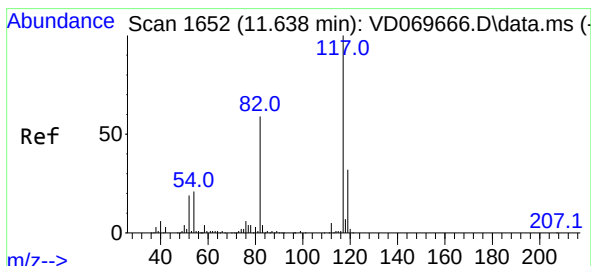
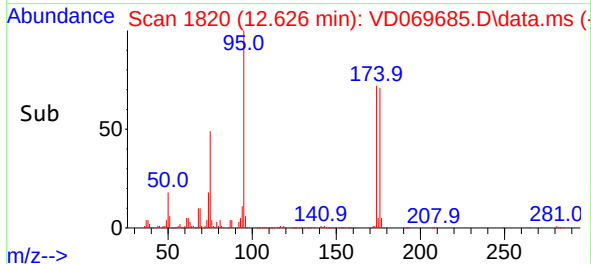
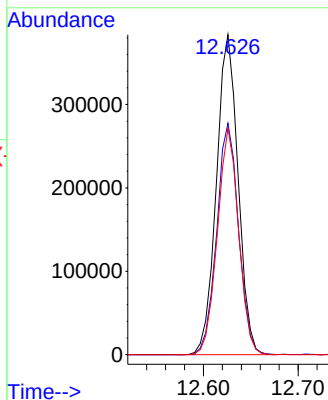
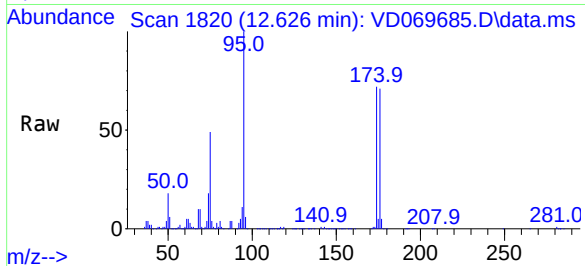




#62
4-Bromofluorobenzene
Concen: 60.607 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069685.D
Acq: 14 Jul 2021 11:24

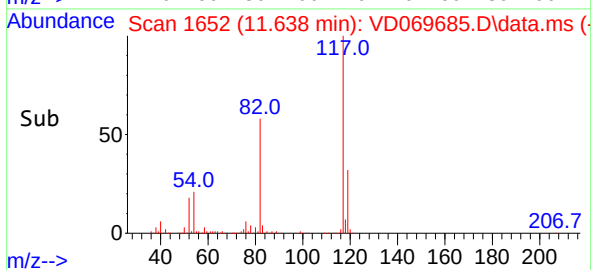
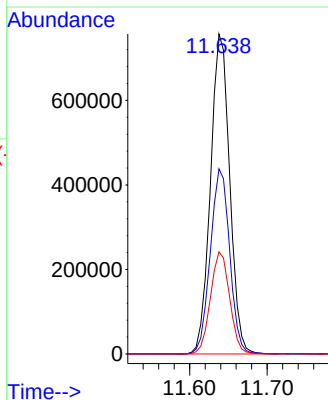
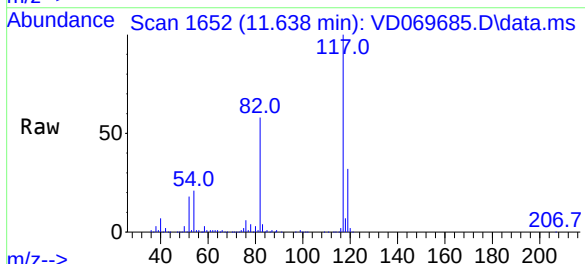
Instrument :
MSVOA_D
ClientSampleId :
VD0714SBL01

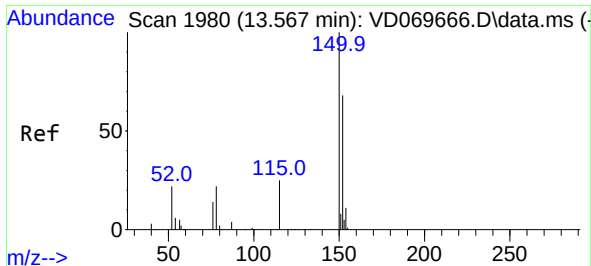
Tgt Ion: 95 Resp: 611147
Ion Ratio Lower Upper
95 100
174 72.7 0.0 140.0
176 69.1 0.0 136.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069685.D
Acq: 14 Jul 2021 11:24

Tgt Ion: 117 Resp: 1303791
Ion Ratio Lower Upper
117 100
82 57.9 47.4 71.2
119 32.0 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD069685.D
 Acq: 14 Jul 2021 11:24

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0714SBL01

Tgt Ion:152 Resp: 613531

Ion	Ratio	Lower	Upper
152	100		
115	62.4	31.7	95.1
150	158.3	0.0	350.4

