

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050521\
 Data File : VD069066.D
 Acq On : 05 May 2021 13:43
 Operator : VA/SY
 Sample : M2263-02
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-1A

Quant Time: May 05 14:04:01 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)

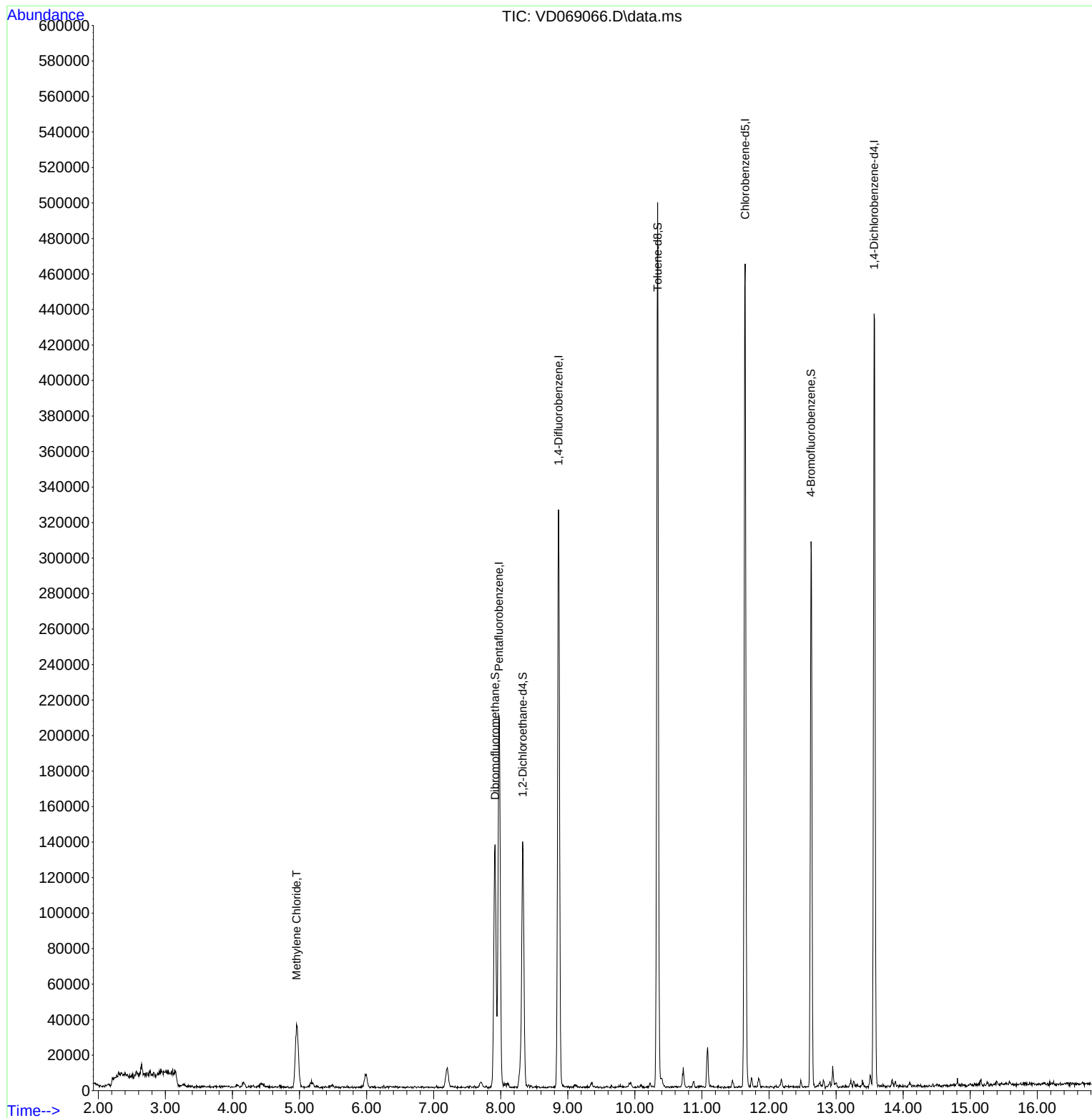
Internal Standards						
1) Pentafluorobenzene	7.973	168	144688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	269935	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	260617	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	112996	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	110274	59.14	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.28%
35) Dibromofluoromethane	7.914	113	95410	51.54	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.08%
50) Toluene-d8	10.338	98	321884	47.10	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.20%
62) 4-Bromofluorobenzene	12.626	95	99016	44.05	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.10%
Target Compounds						
20) Methylene Chloride	4.956	84	28891	10.45	ug/l	Qvalue 94

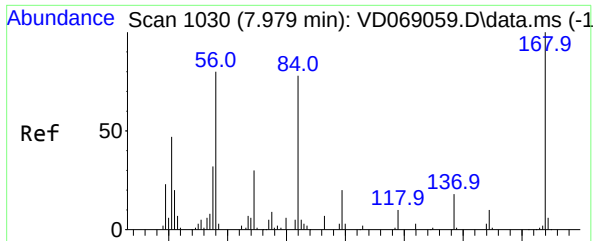
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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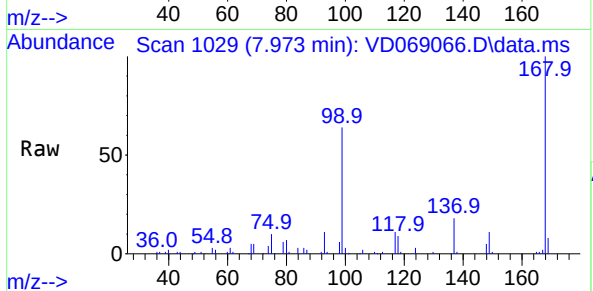
Quant Time: May 05 14:04:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
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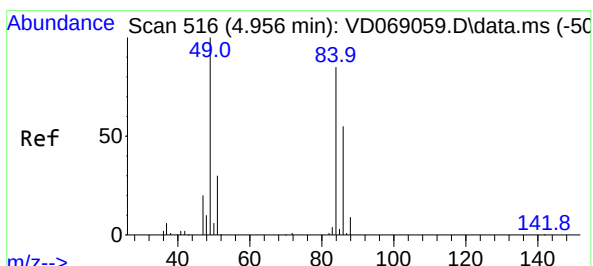
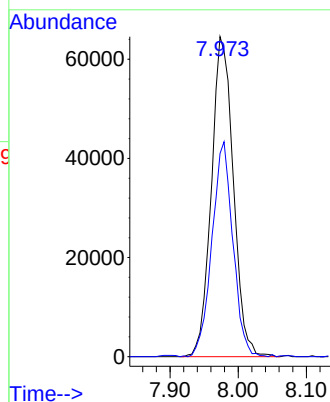
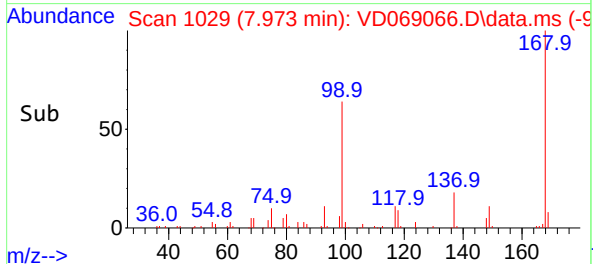


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD069066.D
Acq: 05 May 2021 13:43

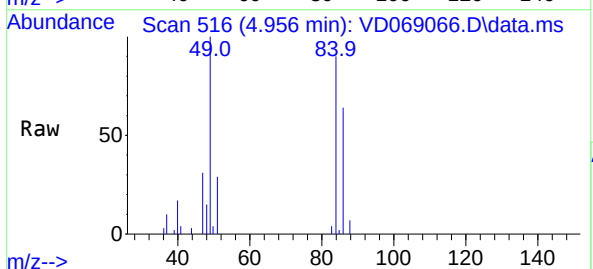
Instrument :
MSVOA_D
ClientSampleId :
S-1A



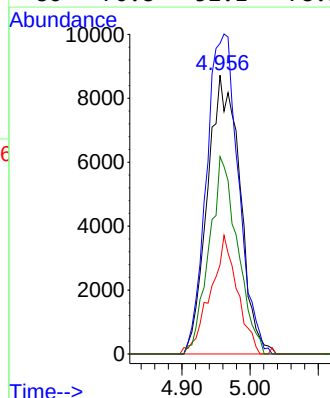
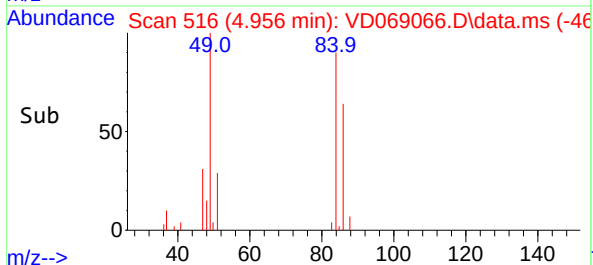
Tgt Ion:168 Resp: 144688
Ion Ratio Lower Upper
168 100
99 63.5 52.6 78.8

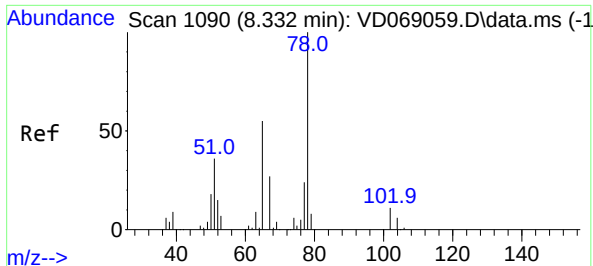


#20
Methylene Chloride
Concen: 10.45 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.000 min
Lab File: VD069066.D
Acq: 05 May 2021 13:43



Tgt Ion: 84 Resp: 28891
Ion Ratio Lower Upper
84 100
49 111.5 93.9 140.9
51 32.0 27.9 41.9
86 70.8 52.1 78.1



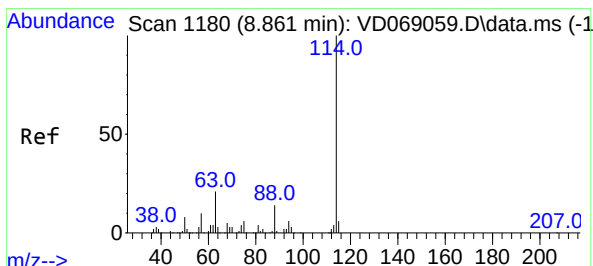
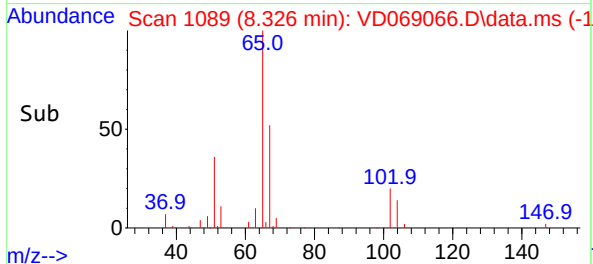
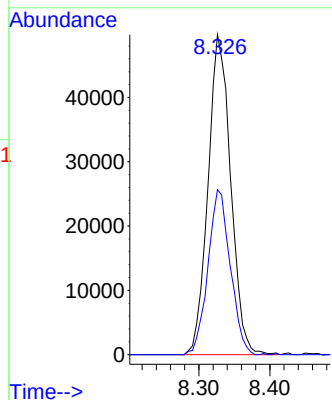
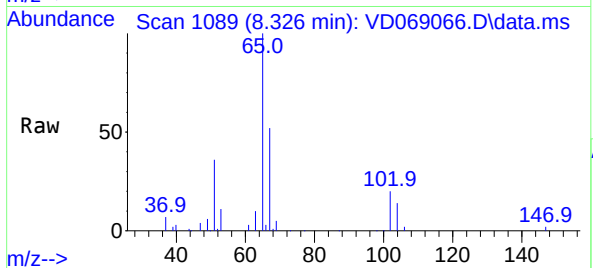


#33

1,2-Dichloroethane-d4
Concen: 59.14 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069066.D
Acq: 05 May 2021 13:43

Instrument :
MSVOA_D
ClientSampled :
S-1A

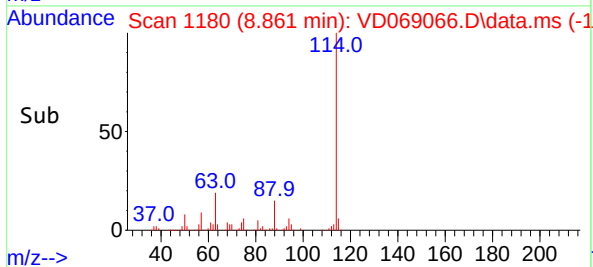
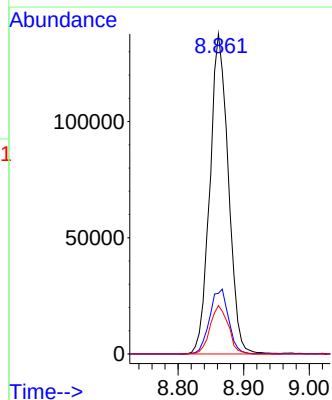
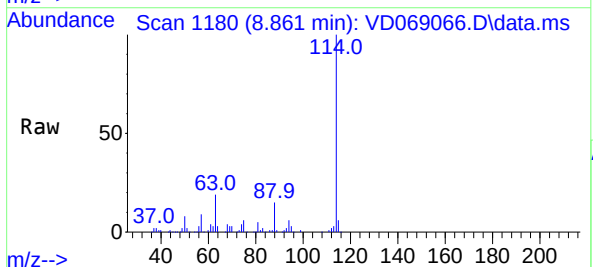
Tgt Ion: 65 Resp: 110274
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.4

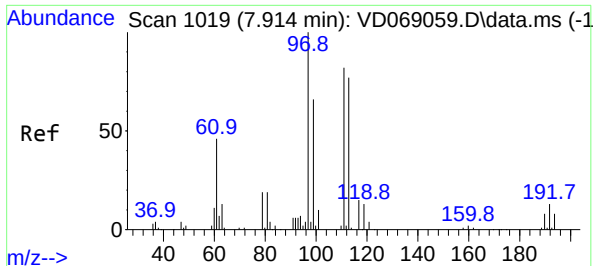


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069066.D
Acq: 05 May 2021 13:43

Tgt Ion:114 Resp: 269935
Ion Ratio Lower Upper
114 100
63 19.0 0.0 41.4
88 15.1 0.0 27.8

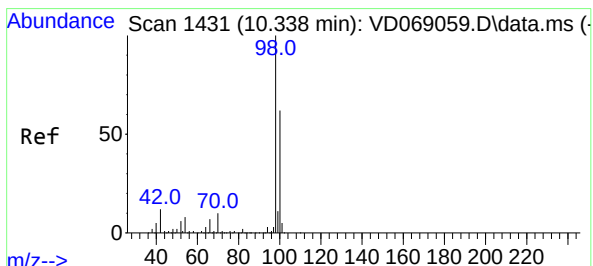
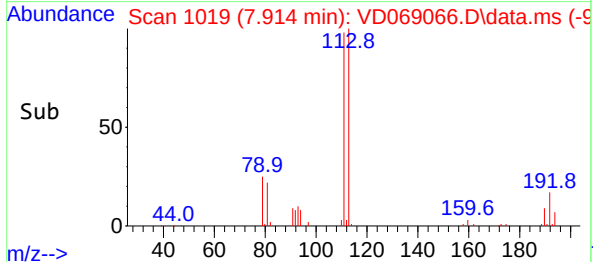
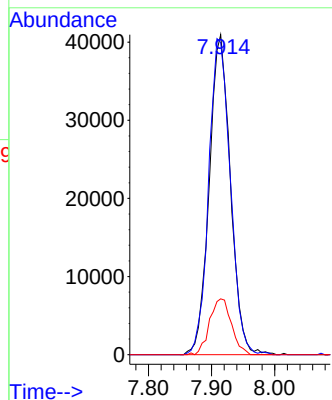
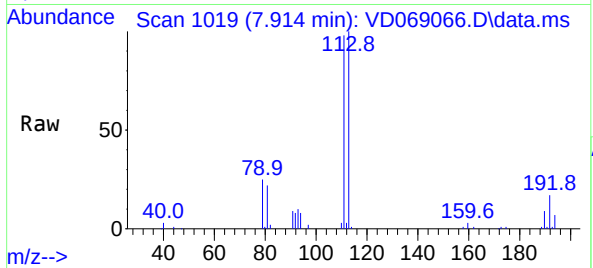




#35
Dibromofluoromethane
Concen: 51.54 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069066.D
Acq: 05 May 2021 13:43

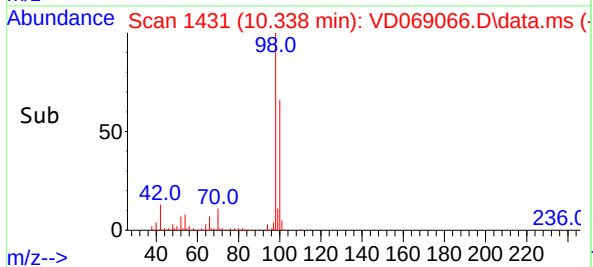
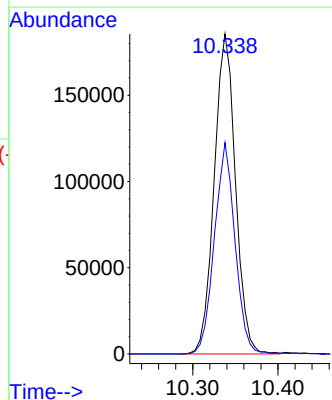
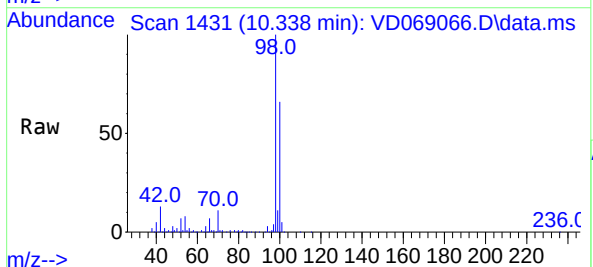
Instrument :
MSVOA_D
ClientSampleId :
S-1A

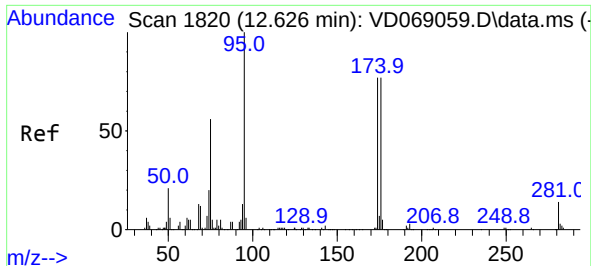
Tgt Ion:113 Resp: 95410
Ion Ratio Lower Upper
113 100
111 100.6 84.6 126.8
192 18.0 13.5 20.3



#50
Toluene-d8
Concen: 47.10 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069066.D
Acq: 05 May 2021 13:43

Tgt Ion: 98 Resp: 321884
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4

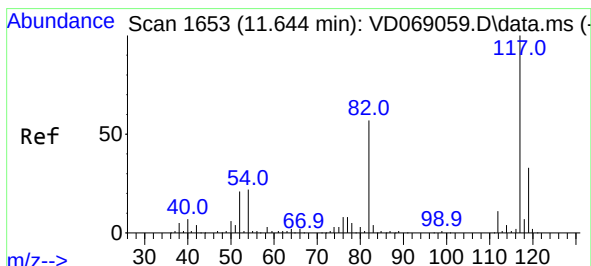
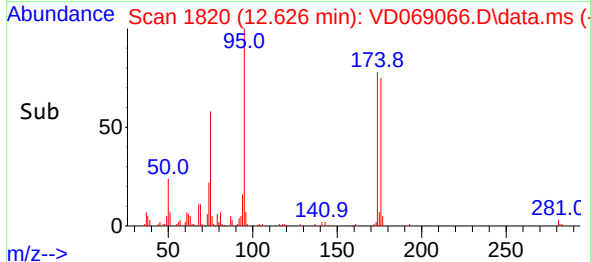
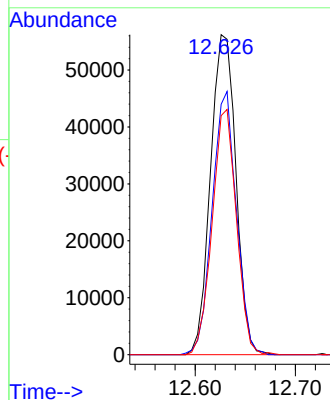
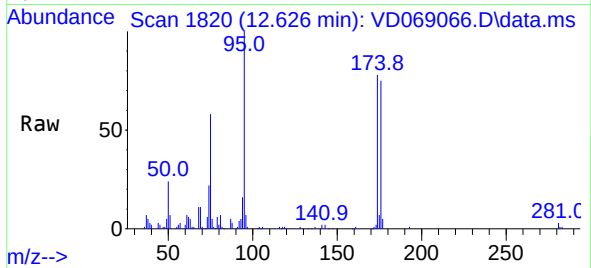




#62
4-Bromofluorobenzene
Concen: 44.05 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069066.D
Acq: 05 May 2021 13:43

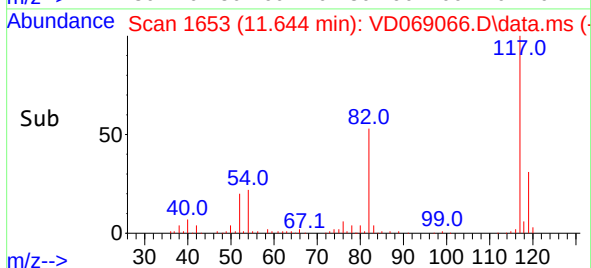
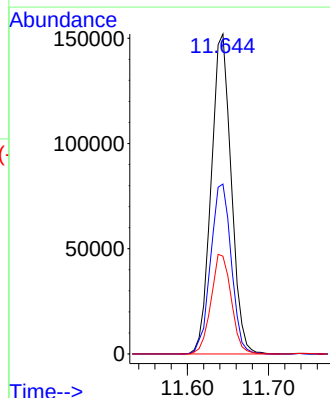
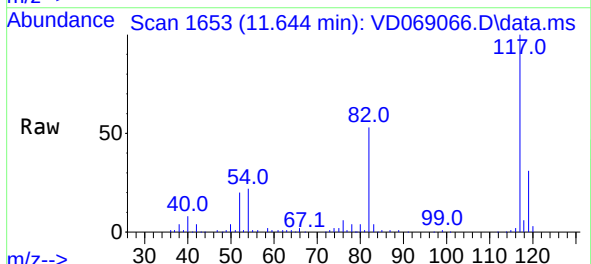
Instrument :
MSVOA_D
ClientSampled :
S-1A

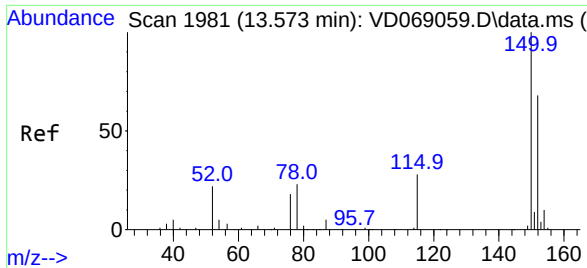
Tgt Ion: 95 Resp: 99016
Ion Ratio Lower Upper
95 100
174 78.6 0.0 156.0
176 73.2 0.0 149.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069066.D
Acq: 05 May 2021 13:43

Tgt Ion: 117 Resp: 260617
Ion Ratio Lower Upper
117 100
82 53.1 45.4 68.2
119 30.6 26.8 40.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD069066.D
Acq: 05 May 2021 13:43

Instrument :
MSVOA_D
ClientSampleId :
S-1A

Tgt Ion:152 Resp: 112996
Ion Ratio Lower Upper
152 100
115 60.9 30.5 91.5
150 159.1 0.0 340.8

