

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092721\
 Data File : VD070479.D
 Acq On : 27 Sep 2021 15:55
 Operator : VA/SY
 Sample : M3943-01
 Misc : 5.52G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-DB-1

Quant Time: Sep 28 04:14:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

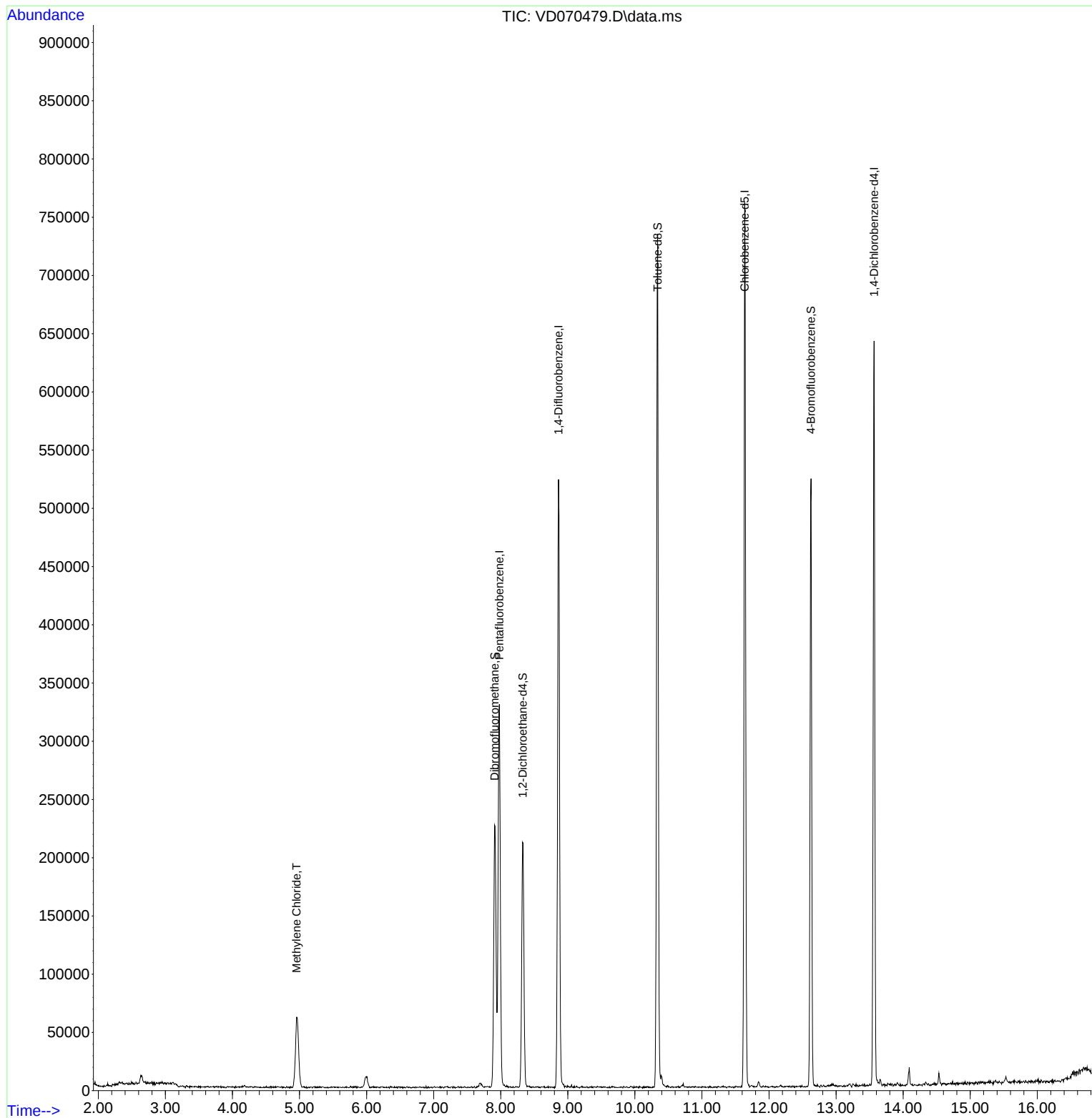
Internal Standards						
1) Pentafluorobenzene	7.979	168	231999	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	455009	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	445373	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	175408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	173304	58.177	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.360%
35) Dibromofluoromethane	7.908	113	169630	52.374	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.740%
50) Toluene-d8	10.338	98	510055	43.374	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.740%
62) 4-Bromofluorobenzene	12.626	95	155729	37.893	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.780%
Target Compounds						Qvalue
20) Methylene Chloride	4.956	84	52027	9.868	ug/l	98

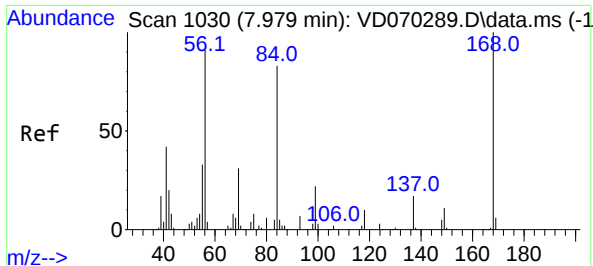
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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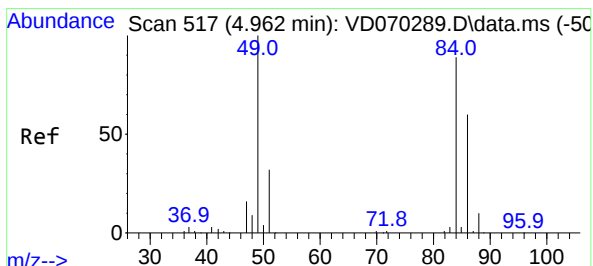
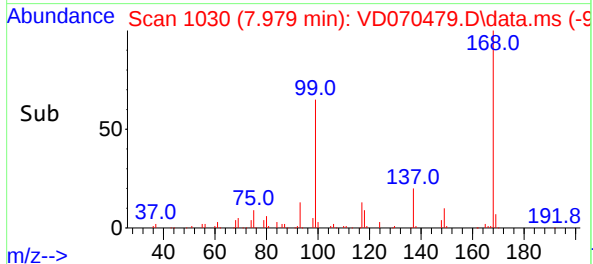
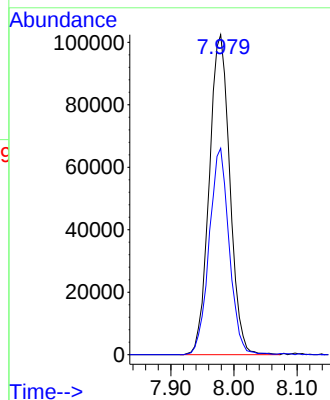
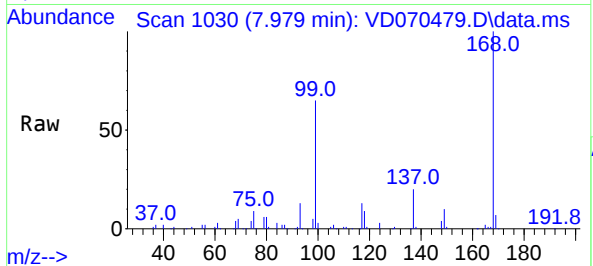




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070479.D
Acq: 27 Sep 2021 15:55

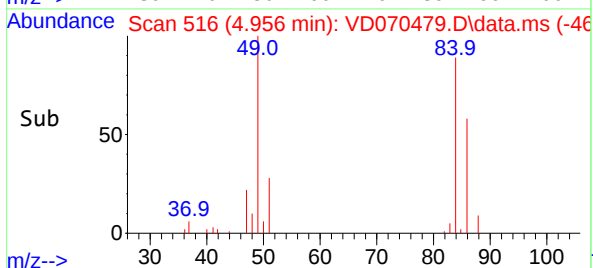
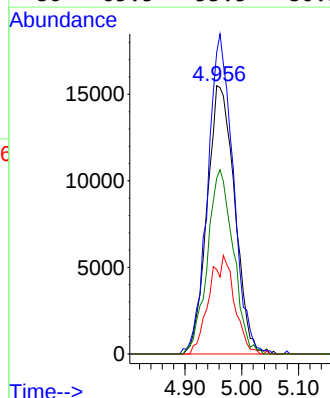
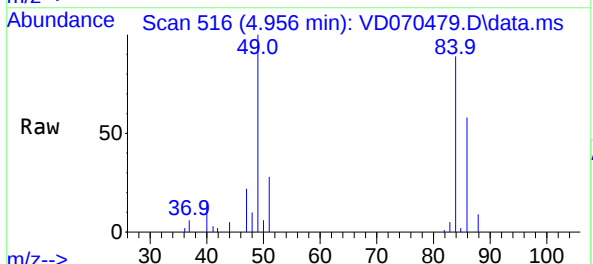
Instrument :
MSVOA_D
ClientSampleId :
WC-DB-1

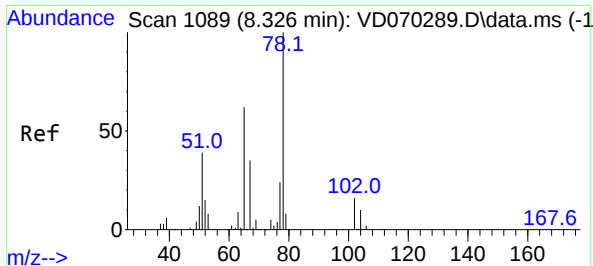
Tgt Ion:168 Resp: 231999
Ion Ratio Lower Upper
168 100
99 64.5 50.8 76.2



#20
Methylene Chloride
Concen: 9.868 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070479.D
Acq: 27 Sep 2021 15:55

Tgt Ion: 84 Resp: 52027
Ion Ratio Lower Upper
84 100
49 112.4 89.6 134.4
51 31.5 28.6 43.0
86 65.5 53.5 80.3



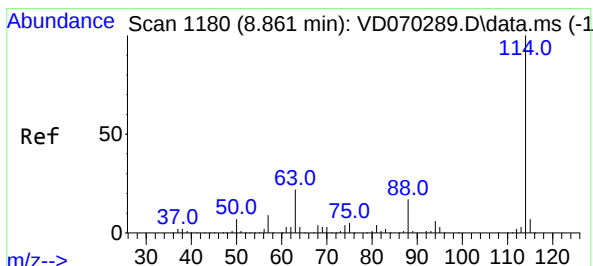
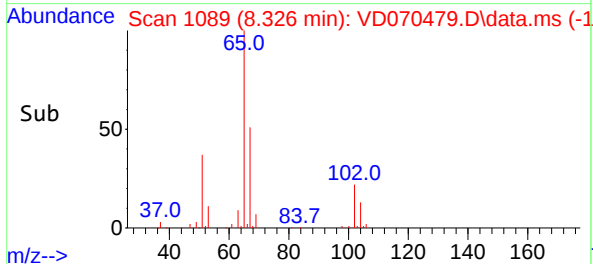
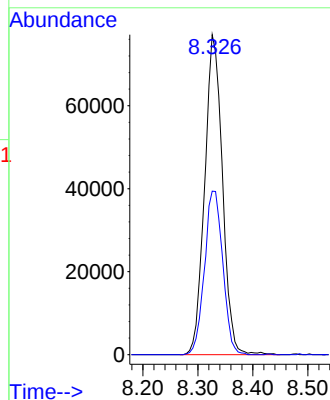
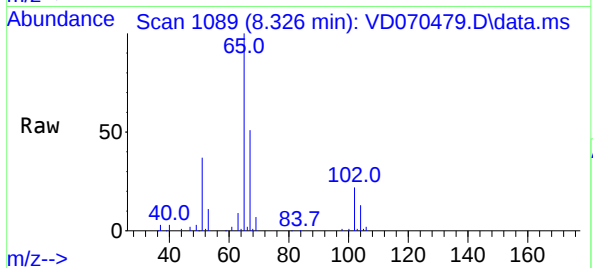


#33

1,2-Dichloroethane-d4
Concen: 58.177 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070479.D
Acq: 27 Sep 2021 15:55

Instrument :
MSVOA_D
ClientSampleId :
WC-DB-1

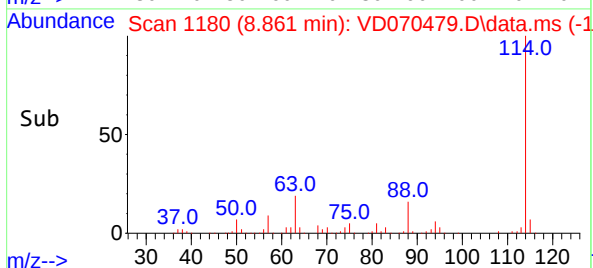
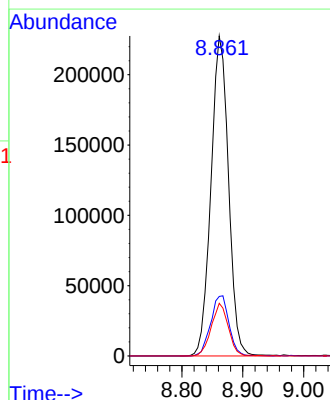
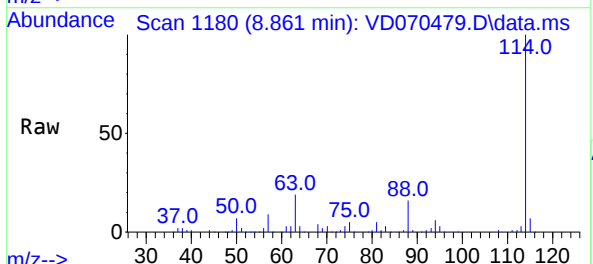
Tgt Ion: 65 Resp: 173304
Ion Ratio Lower Upper
65 100
67 52.5 0.0 111.4

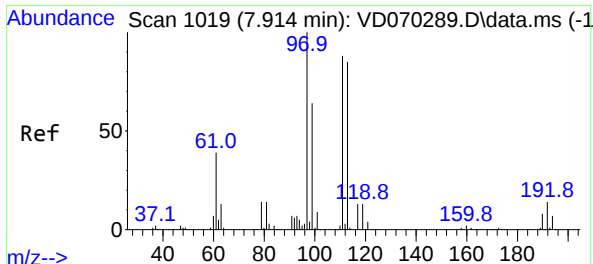


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070479.D
Acq: 27 Sep 2021 15:55

Tgt Ion:114 Resp: 455009
Ion Ratio Lower Upper
114 100
63 18.6 0.0 43.4
88 16.4 0.0 33.4



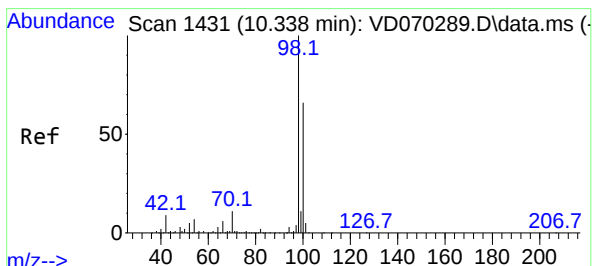
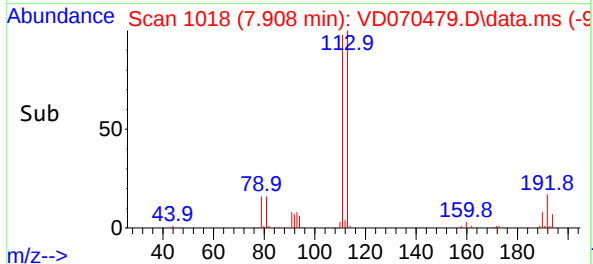
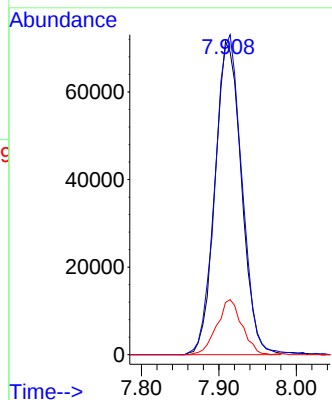
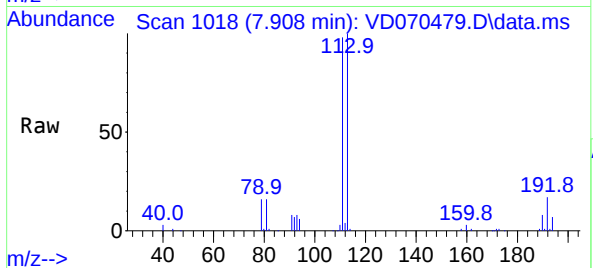


#35

Dibromofluoromethane
Concen: 52.374 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070479.D
Acq: 27 Sep 2021 15:55

Instrument :
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WC-DB-1

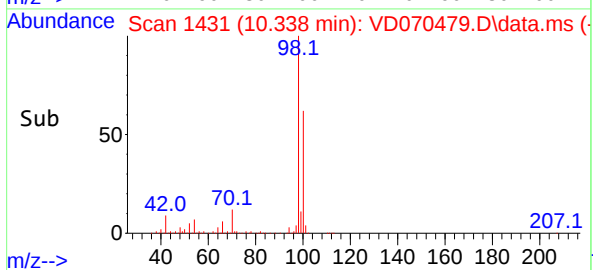
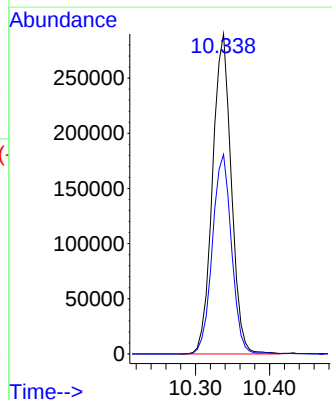
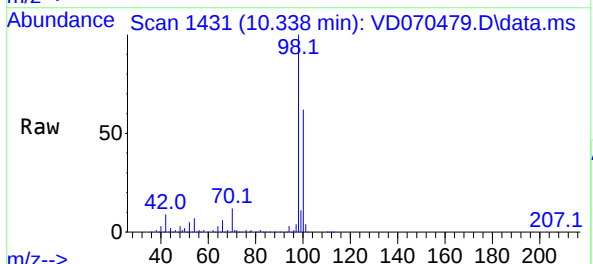
Tgt Ion:113 Resp: 169630
Ion Ratio Lower Upper
113 100
111 103.7 81.4 122.2
192 16.7 13.0 19.6

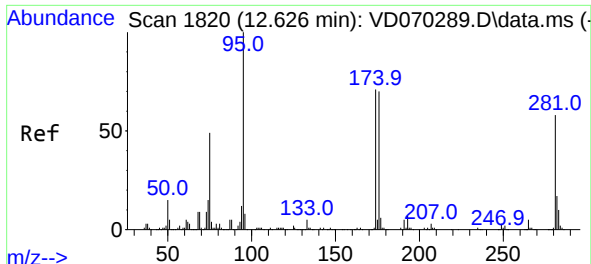


#50

Toluene-d8
Concen: 43.374 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070479.D
Acq: 27 Sep 2021 15:55

Tgt Ion: 98 Resp: 510055
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0

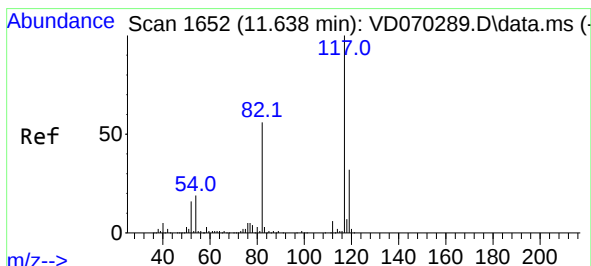
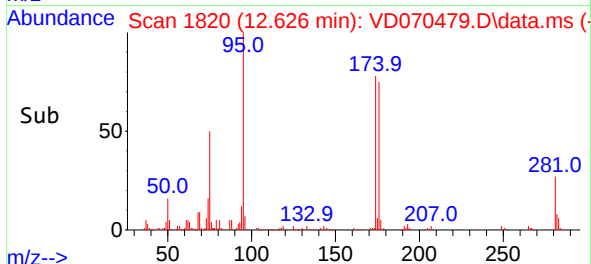
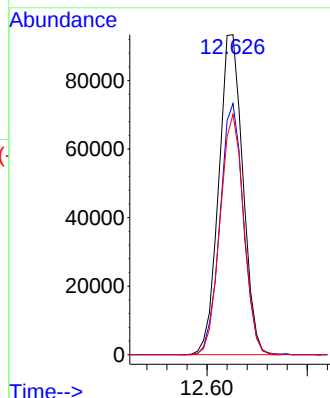
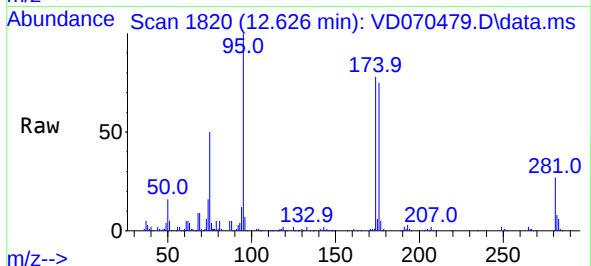




#62
4-Bromofluorobenzene
Concen: 37.893 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070479.D
Acq: 27 Sep 2021 15:55

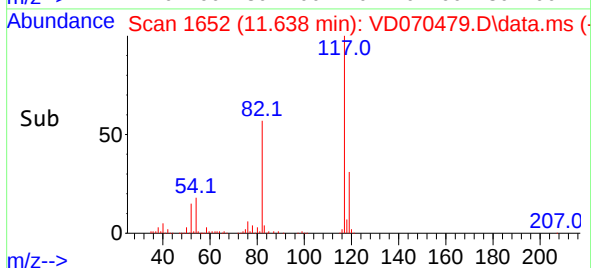
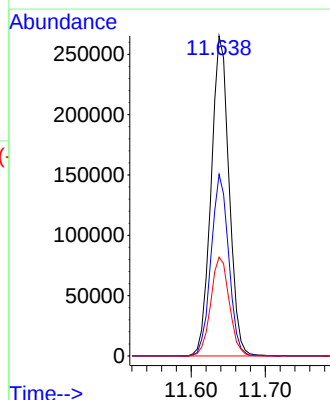
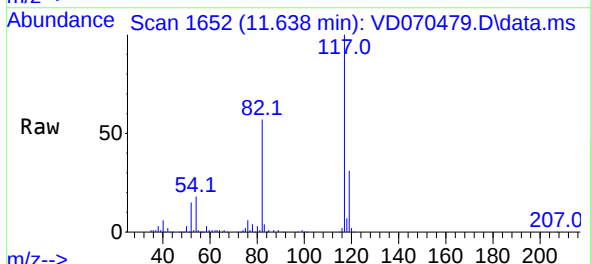
Instrument :
MSVOA_D
ClientSampleId :
WC-DB-1

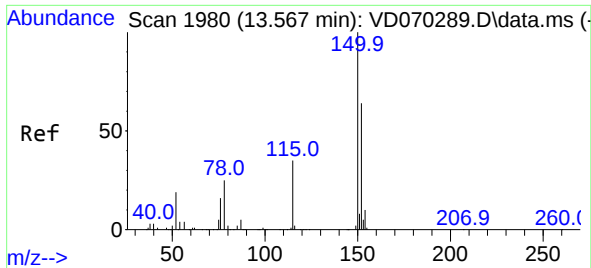
Tgt Ion: 95 Resp: 155729
Ion Ratio Lower Upper
95 100
174 76.2 0.0 140.6
176 73.8 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070479.D
Acq: 27 Sep 2021 15:55

Tgt Ion: 117 Resp: 445373
Ion Ratio Lower Upper
117 100
82 56.8 45.0 67.4
119 30.9 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD070479.D
 Acq: 27 Sep 2021 15:55

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-DB-1

Tgt Ion:152 Resp: 175408

Ion	Ratio	Lower	Upper
152	100		
115	60.2	32.1	96.3
150	154.8	0.0	350.6

