

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092721\
 Data File : VD070487.D
 Acq On : 27 Sep 2021 19:38
 Operator : VA/SY
 Sample : VIBLK
 Misc : 6.48G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Sep 28 04:17:12 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)

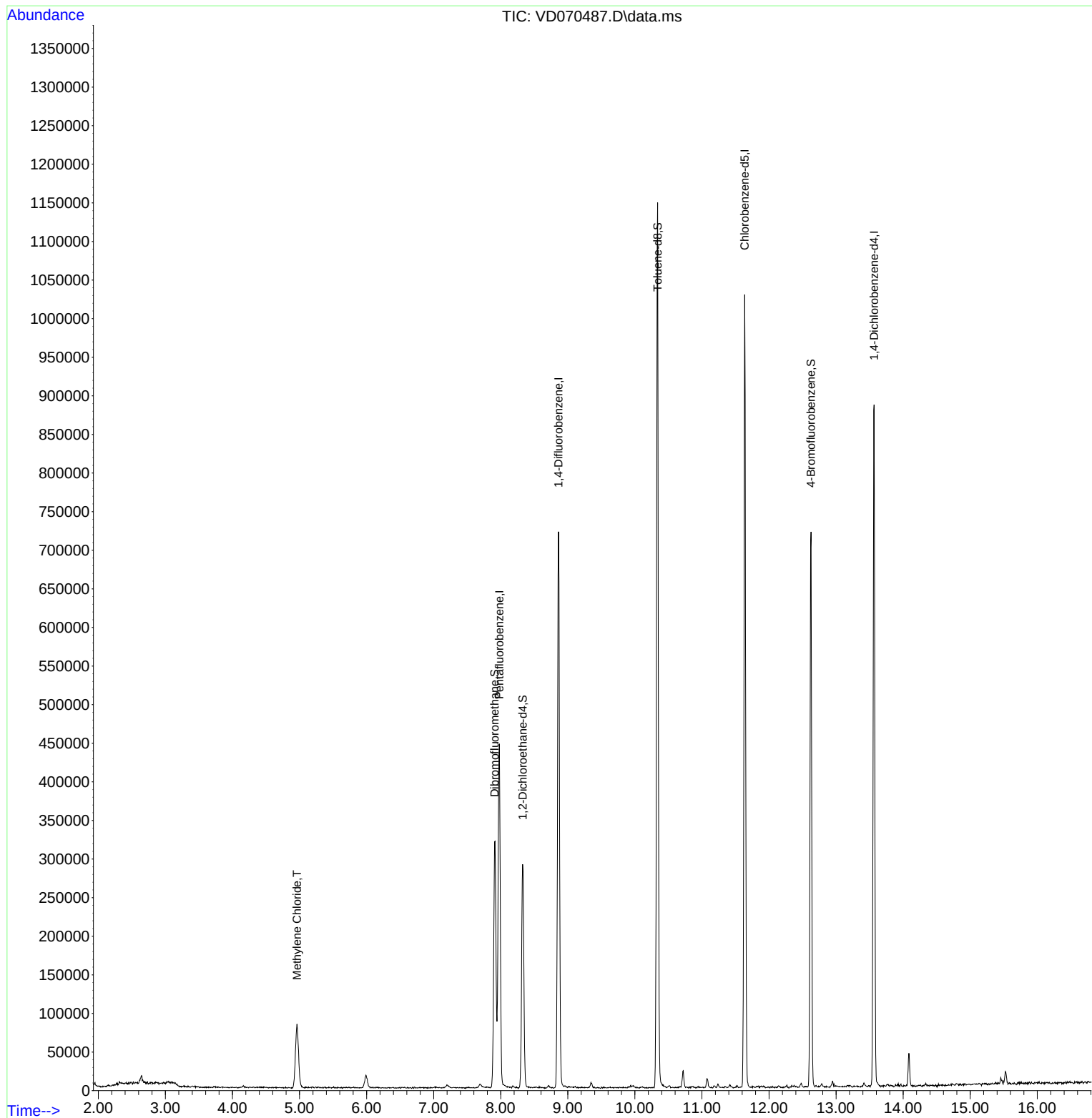
Internal Standards						
1) Pentafluorobenzene	7.979	168	310104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	628839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	600445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	242500	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	234171	58.810	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	117.620%	
35) Dibromofluoromethane	7.909	113	245812	54.916	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	109.840%	
50) Toluene-d8	10.338	98	788318	48.506	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	97.020%	
62) 4-Bromofluorobenzene	12.626	95	248591	43.768	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	87.540%	
Target Compounds						
20) Methylene Chloride	4.962	84	66696	9.116	ug/l	Qvalue 92

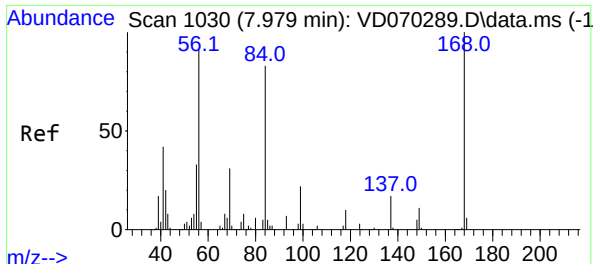
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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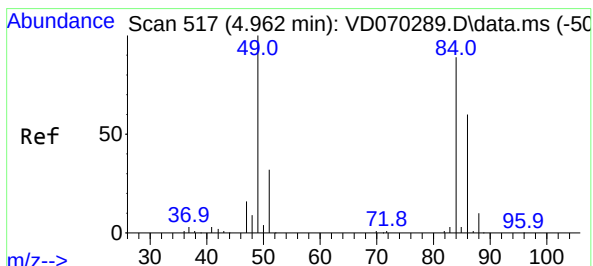
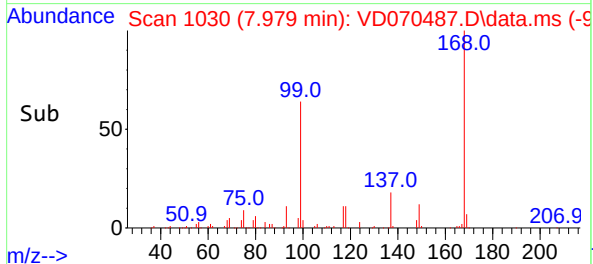
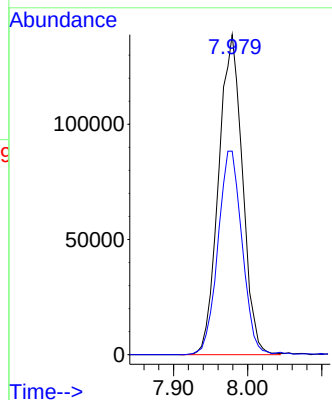
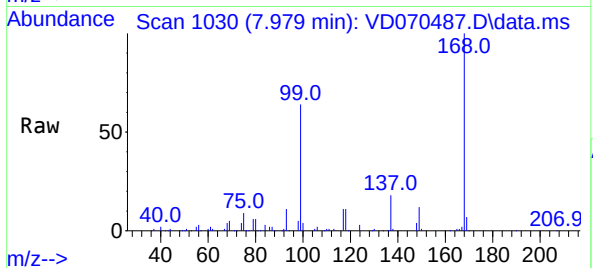




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070487.D
Acq: 27 Sep 2021 19:38

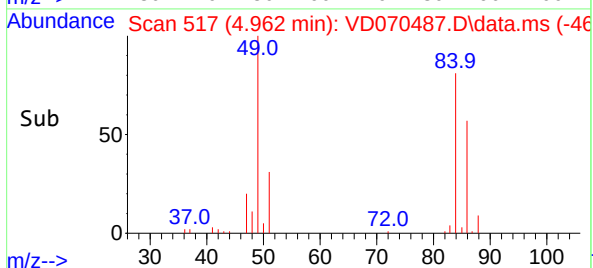
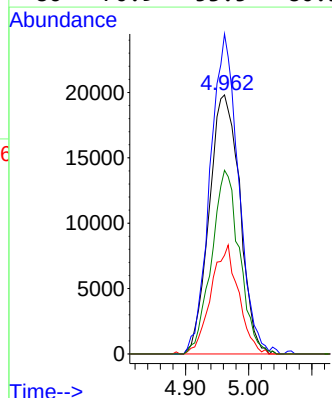
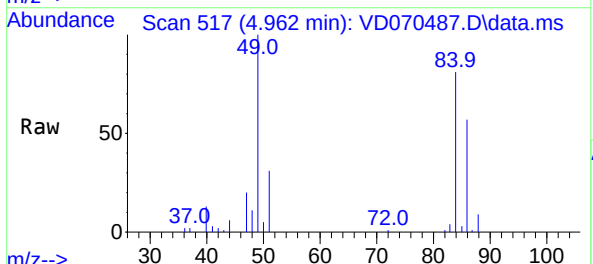
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

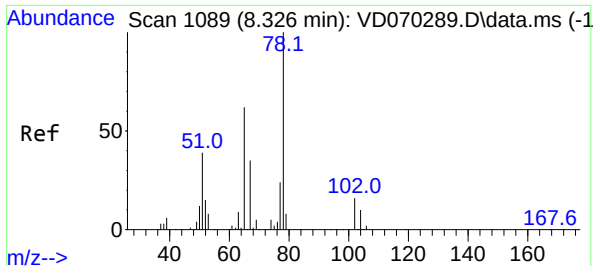
Tgt Ion:168 Resp: 310104
Ion Ratio Lower Upper
168 100
99 63.6 50.8 76.2



#20
Methylene Chloride
Concen: 9.116 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD070487.D
Acq: 27 Sep 2021 19:38

Tgt Ion: 84 Resp: 66696
Ion Ratio Lower Upper
84 100
49 123.5 89.6 134.4
51 38.1 28.6 43.0
86 70.9 53.5 80.3

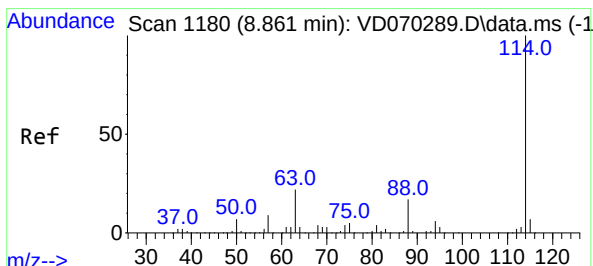
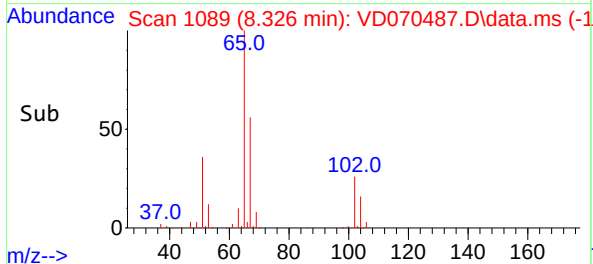
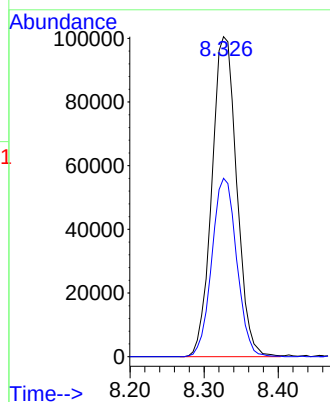
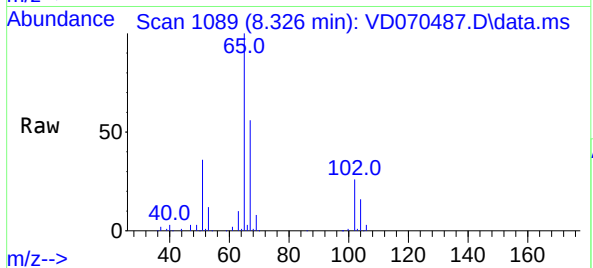




#33
1,2-Dichloroethane-d4
Concen: 58.810 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070487.D
Acq: 27 Sep 2021 19:38

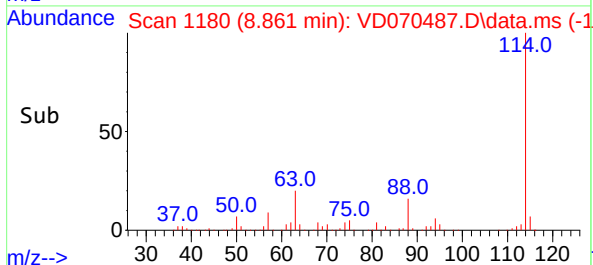
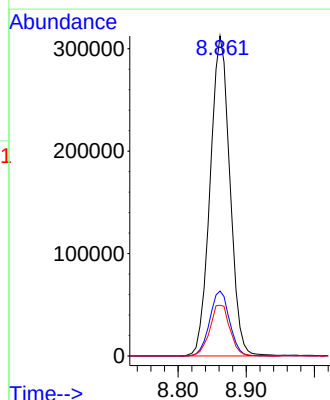
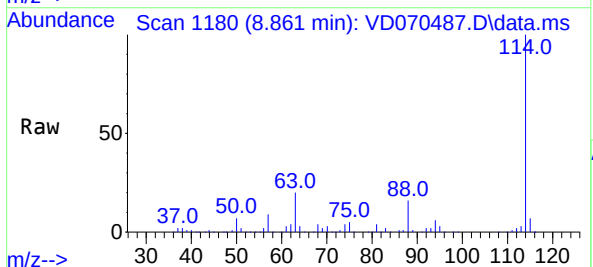
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

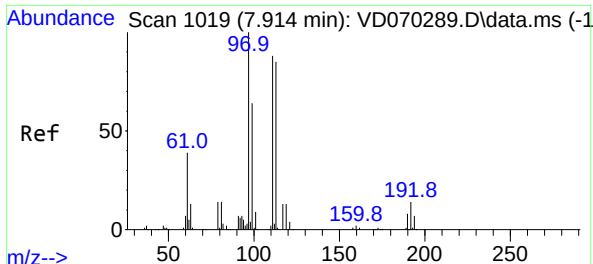
Tgt Ion: 65 Resp: 234171
Ion Ratio Lower Upper
65 100
67 55.7 0.0 111.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070487.D
Acq: 27 Sep 2021 19:38

Tgt Ion:114 Resp: 628839
Ion Ratio Lower Upper
114 100
63 20.3 0.0 43.4
88 15.8 0.0 33.4





#35

Dibromofluoromethane

Concen: 54.916 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070487.D

Acq: 27 Sep 2021 19:38

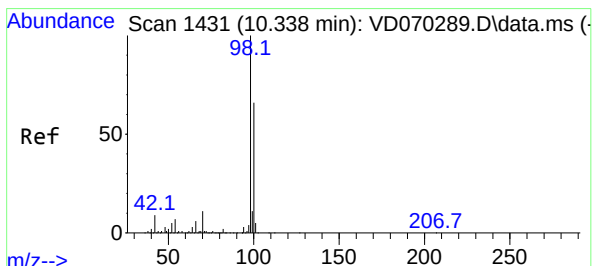
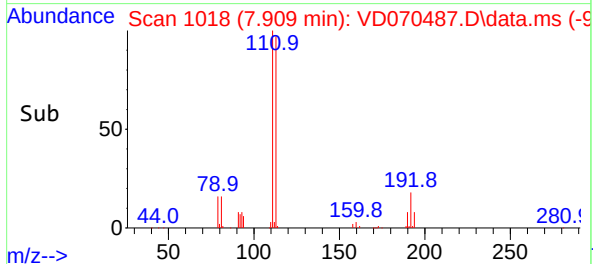
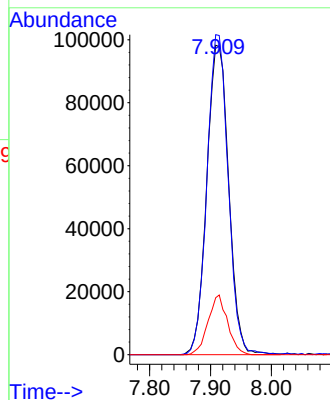
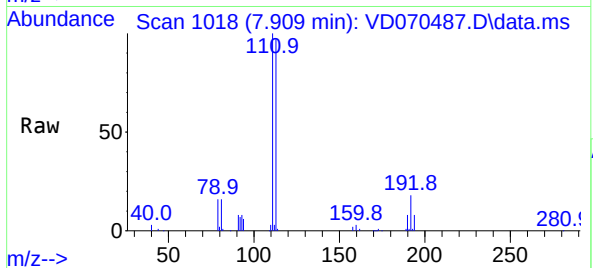
Tgt Ion:113 Resp: 245812

Ion Ratio Lower Upper

113 100

111 100.0 81.4 122.2

192 17.2 13.0 19.6



#50

Toluene-d8

Concen: 48.506 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD070487.D

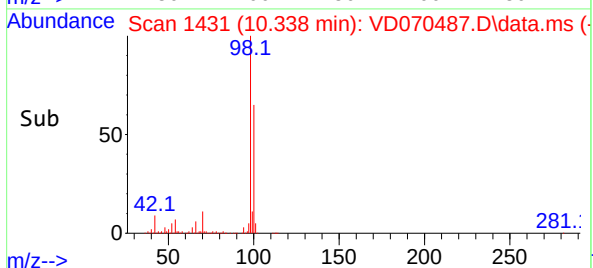
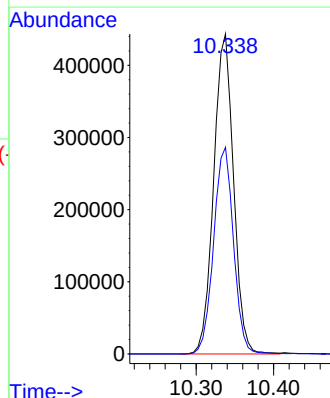
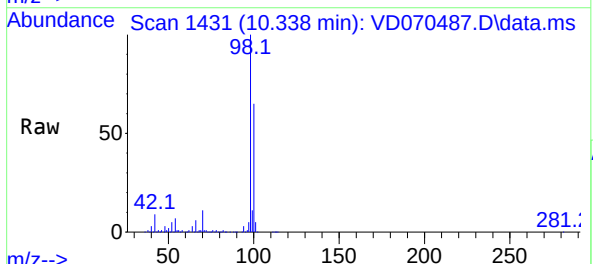
Acq: 27 Sep 2021 19:38

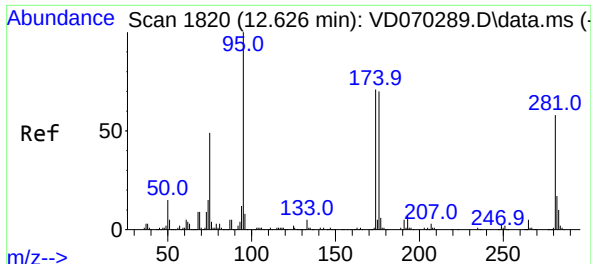
Tgt Ion: 98 Resp: 788318

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0



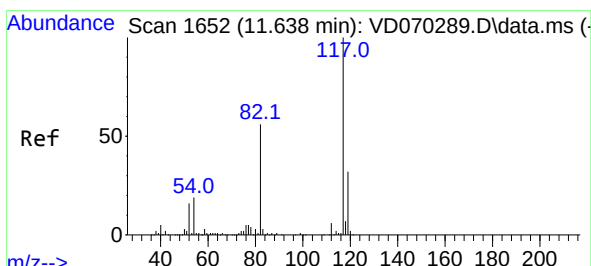
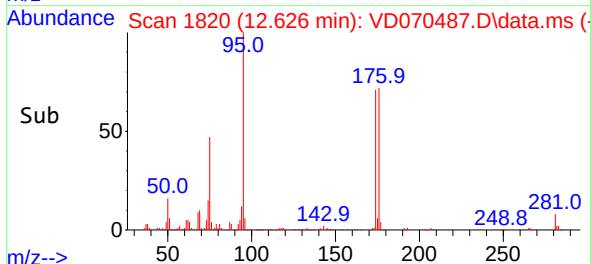
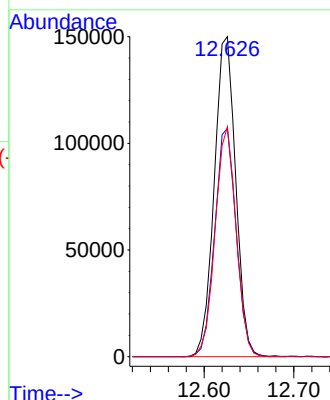
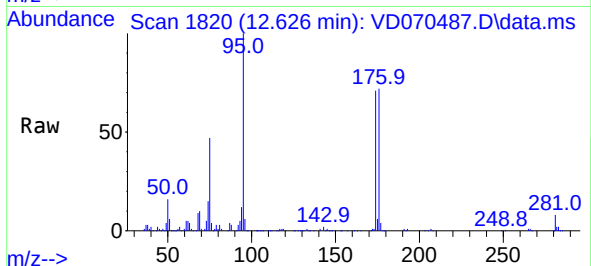


#62
4-Bromofluorobenzene
Concen: 43.768 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070487.D
Acq: 27 Sep 2021 19:38

Instrument :
MSVOA_D
ClientSampled :
VIBLK

Tgt Ion: 95 Resp: 248591

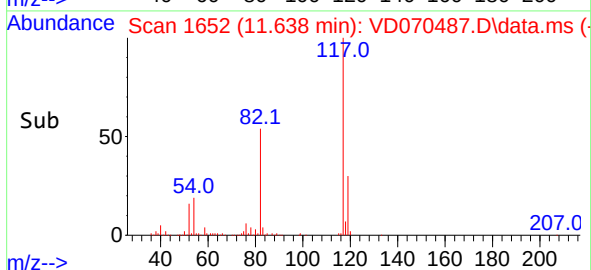
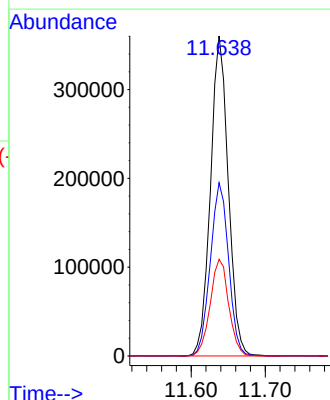
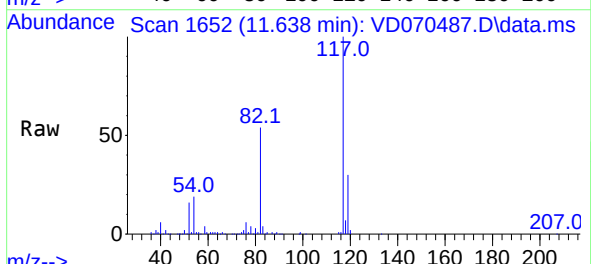
Ion	Ratio	Lower	Upper
95	100		
174	71.6	0.0	140.6
176	70.2	0.0	137.4

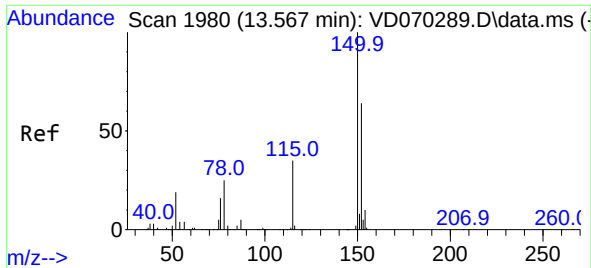


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070487.D
Acq: 27 Sep 2021 19:38

Tgt Ion: 117 Resp: 600445

Ion	Ratio	Lower	Upper
117	100		
82	54.1	45.0	67.4
119	30.2	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: VD070487.D
 Acq: 27 Sep 2021 19:38

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Tgt Ion:152 Resp: 242500

Ion	Ratio	Lower	Upper
152	100		
115	61.0	32.1	96.3
150	159.0	0.0	350.6

