

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121321\
 Data File : VD071304.D
 Acq On : 13 Dec 2021 18:48
 Operator : VA/SY
 Sample : M5022-29
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP12

Quant Time: Dec 14 08:15:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

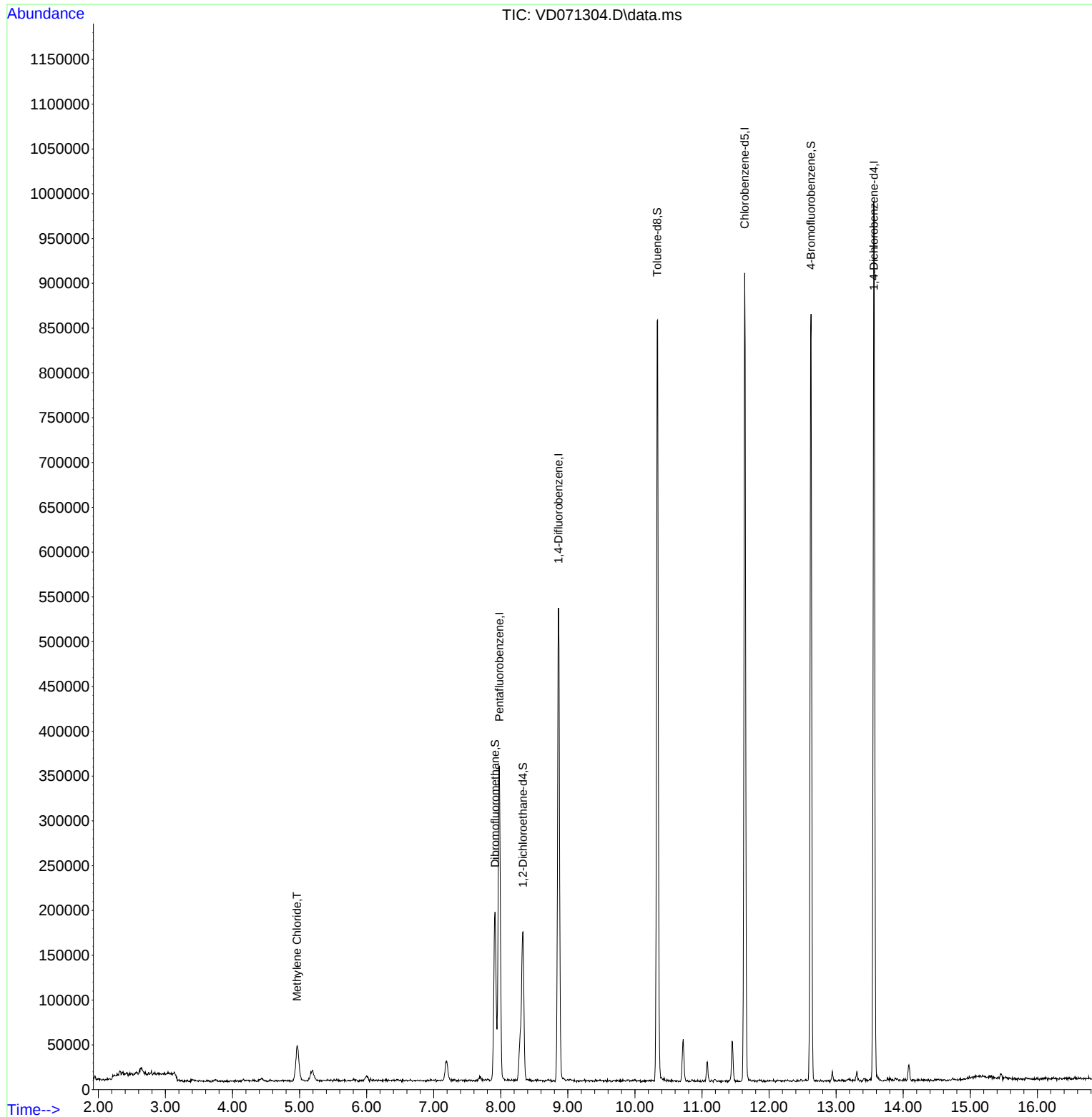
Internal Standards						
1) Pentafluorobenzene	7.979	168	250894	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	431611	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	473854	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	239042	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	132147	44.888	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.780%
35) Dibromofluoromethane	7.914	113	131105	47.701	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.400%
50) Toluene-d8	10.332	98	550257	52.609	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.220%
62) 4-Bromofluorobenzene	12.626	95	235402	64.928	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	129.860%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.962	84	27333	5.482	ug/l	94

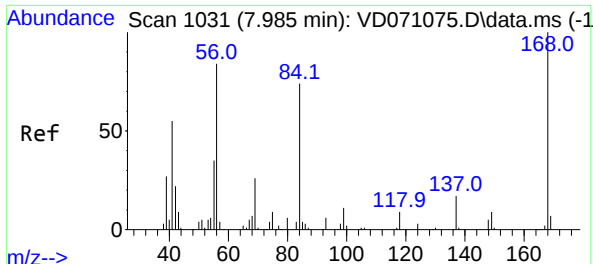
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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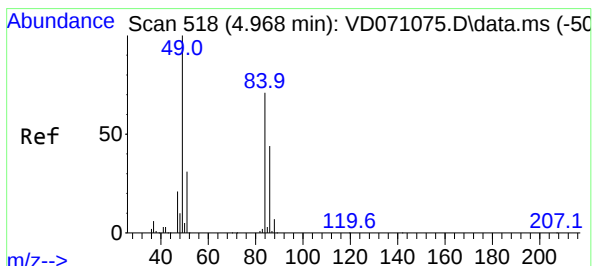
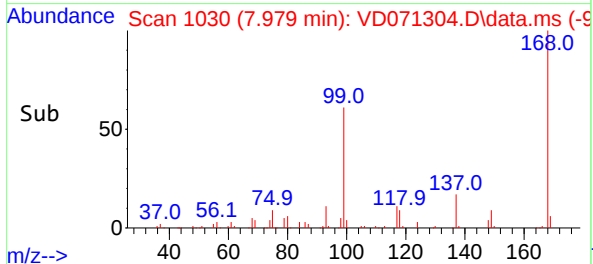
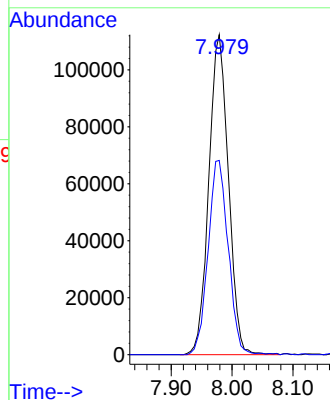
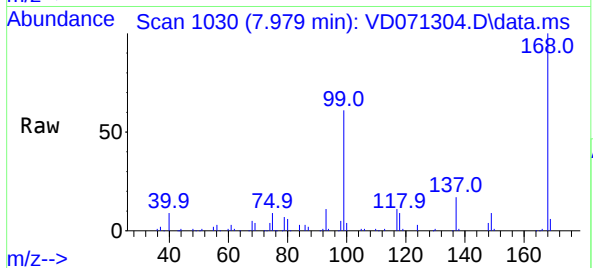




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071304.D
Acq: 13 Dec 2021 18:48

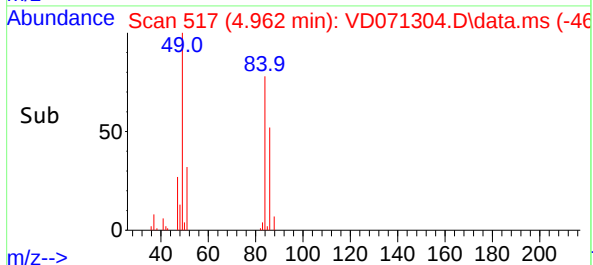
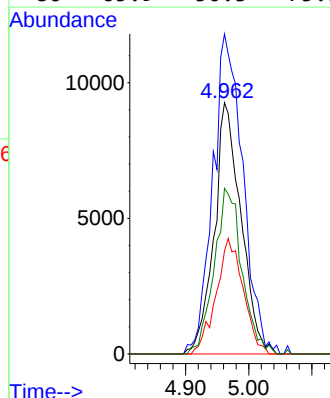
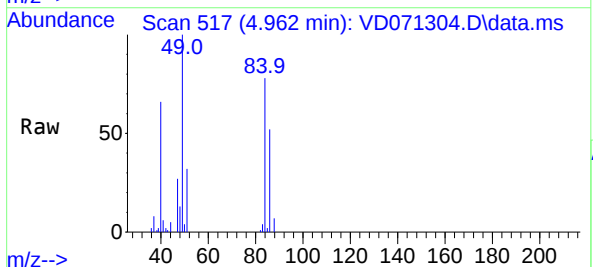
Instrument :
MSVOA_D
ClientSampleId :
TP12

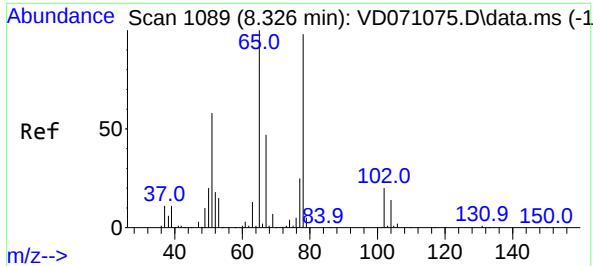
Tgt Ion:168 Resp: 250894
Ion Ratio Lower Upper
168 100
99 60.7 46.6 69.8



#20
Methylene Chloride
Concen: 5.482 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD071304.D
Acq: 13 Dec 2021 18:48

Tgt Ion: 84 Resp: 27333
Ion Ratio Lower Upper
84 100
49 127.4 95.8 143.6
51 41.0 30.9 46.3
86 65.9 50.3 75.5



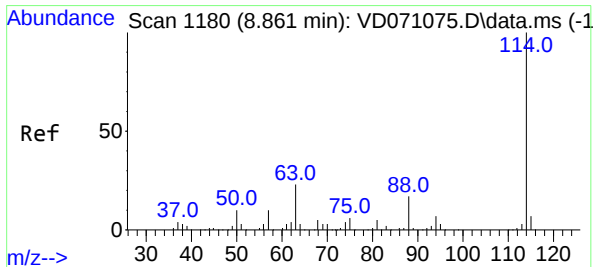
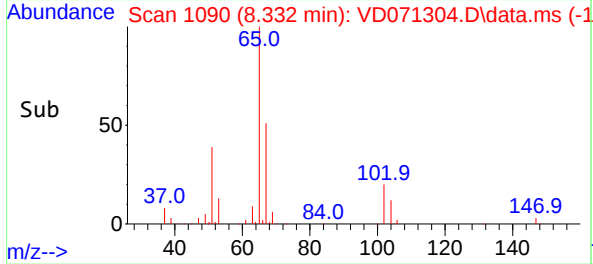
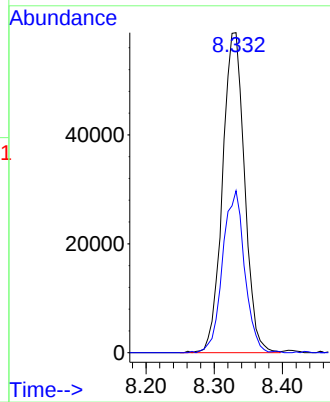
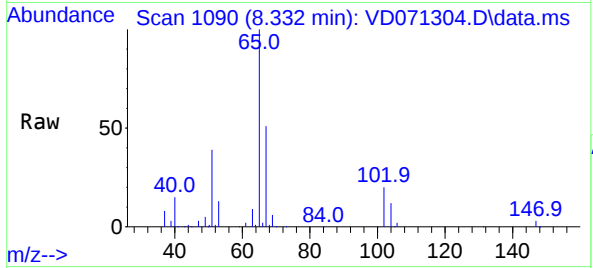


#33
 1,2-Dichloroethane-d4
 Concen: 44.888 ug/l
 RT: 8.332 min Scan# 1089
 Delta R.T. 0.006 min
 Lab File: VD071304.D
 Acq: 13 Dec 2021 18:48

Instrument :
 MSVOA_D
 ClientSampleId :
 TP12

Tgt Ion: 65 Resp: 132147

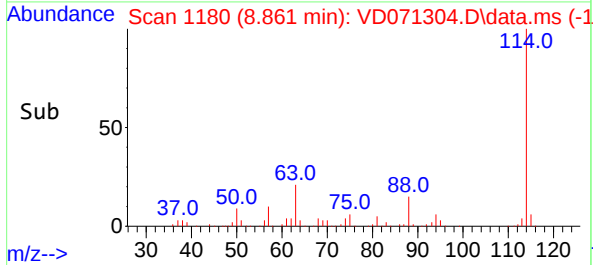
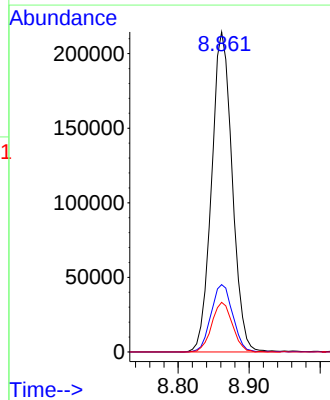
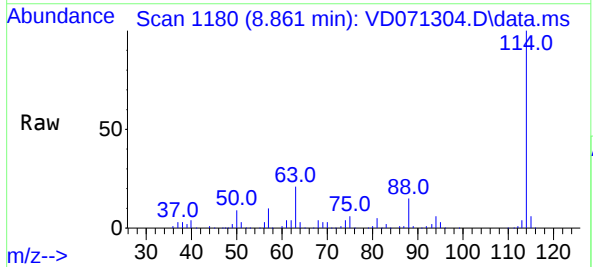
Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	112.2

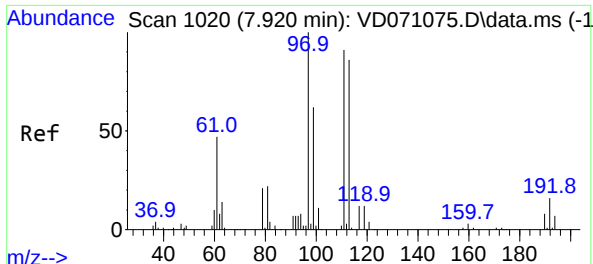


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.861 min Scan# 1180
 Delta R.T. 0.000 min
 Lab File: VD071304.D
 Acq: 13 Dec 2021 18:48

Tgt Ion: 114 Resp: 431611

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	41.8
88	15.5	0.0	32.8

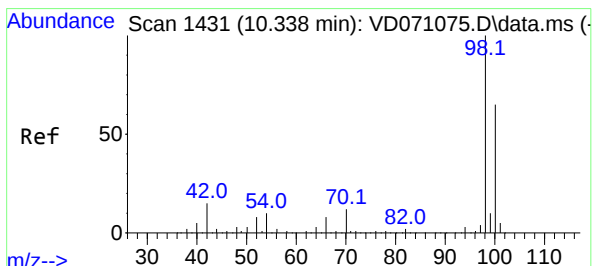
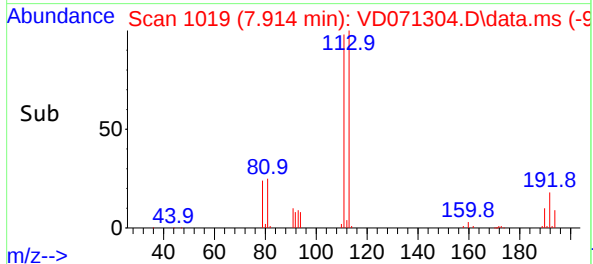
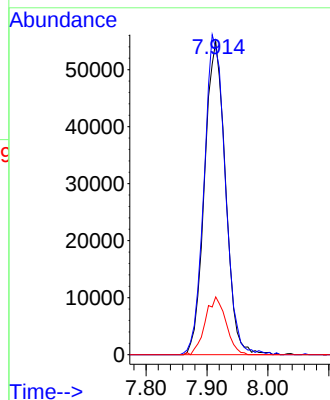
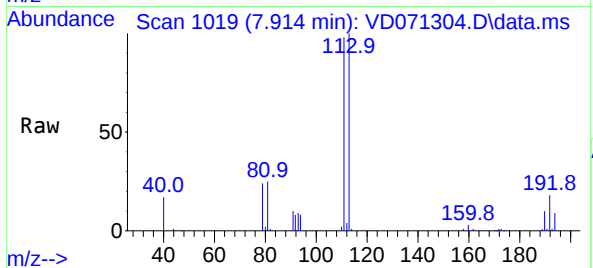




#35
Dibromofluoromethane
Concen: 47.701 ug/l
RT: 7.914 min Scan# 1020
Delta R.T. -0.006 min
Lab File: VD071304.D
Acq: 13 Dec 2021 18:48

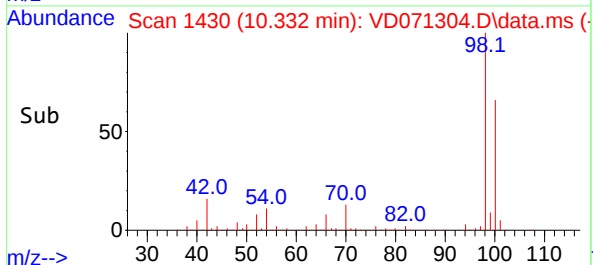
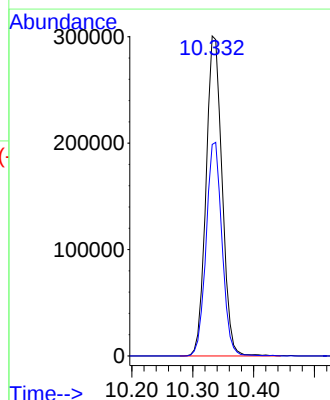
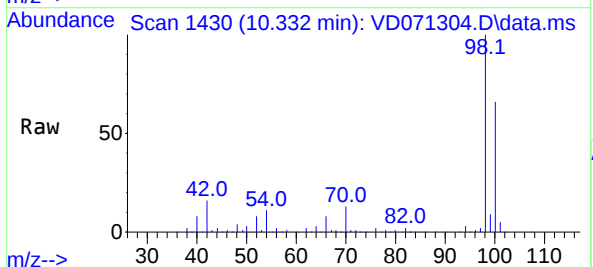
Instrument :
MSVOA_D
ClientSampleId :
TP12

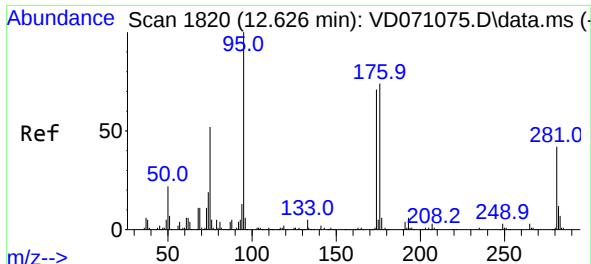
Tgt Ion:113 Resp: 131105
Ion Ratio Lower Upper
113 100
111 103.5 82.0 123.0
192 18.3 15.2 22.8



#50
Toluene-d8
Concen: 52.609 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071304.D
Acq: 13 Dec 2021 18:48

Tgt Ion: 98 Resp: 550257
Ion Ratio Lower Upper
98 100
100 66.1 51.8 77.6

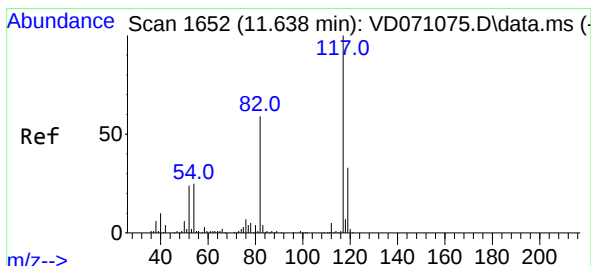
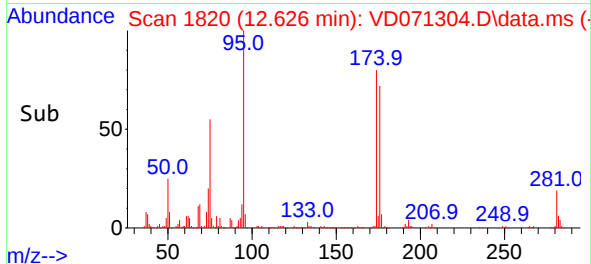
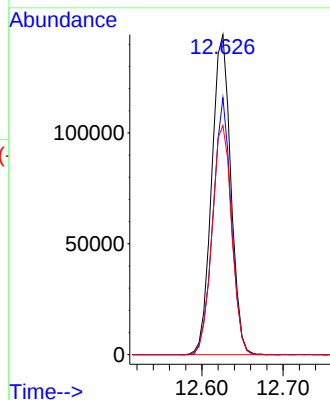
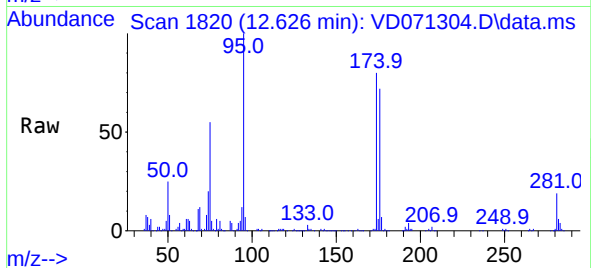




#62
4-Bromofluorobenzene
Concen: 64.928 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071304.D
Acq: 13 Dec 2021 18:48

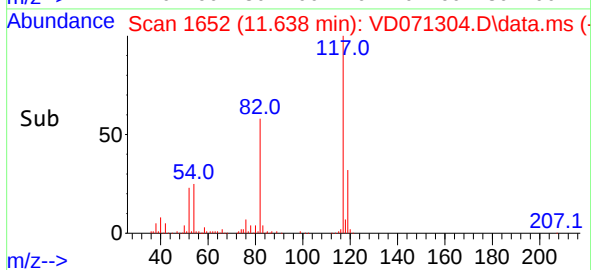
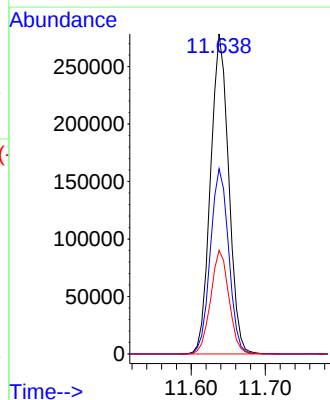
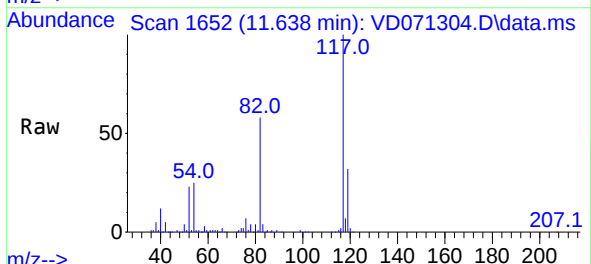
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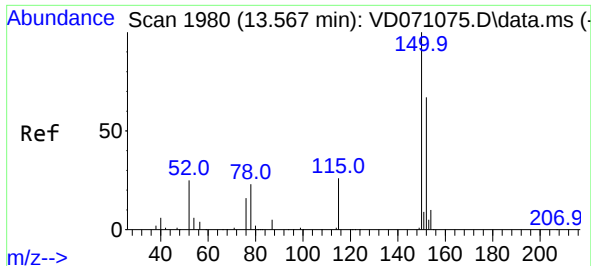
Tgt Ion: 95 Resp: 235402
Ion Ratio Lower Upper
95 100
174 76.8 0.0 159.4
176 73.8 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071304.D
Acq: 13 Dec 2021 18:48

Tgt Ion:117 Resp: 473854
Ion Ratio Lower Upper
117 100
82 57.9 44.7 67.1
119 32.3 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. -0.006 min

Lab File: VD071304.D

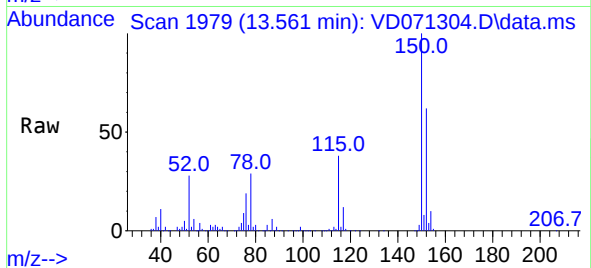
Acq: 13 Dec 2021 18:48

Instrument :

MSVOA_D

ClientSampleId :

TP12



Tgt Ion:152 Resp: 239042

Ion Ratio Lower Upper

152 100

115 59.9 29.8 89.3

150 156.2 0.0 349.2

