

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121321\
 Data File : VD071295.D
 Acq On : 13 Dec 2021 14:35
 Operator : VA/SY
 Sample : M5017-39
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP1A

Quant Time: Dec 14 08:13:53 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)

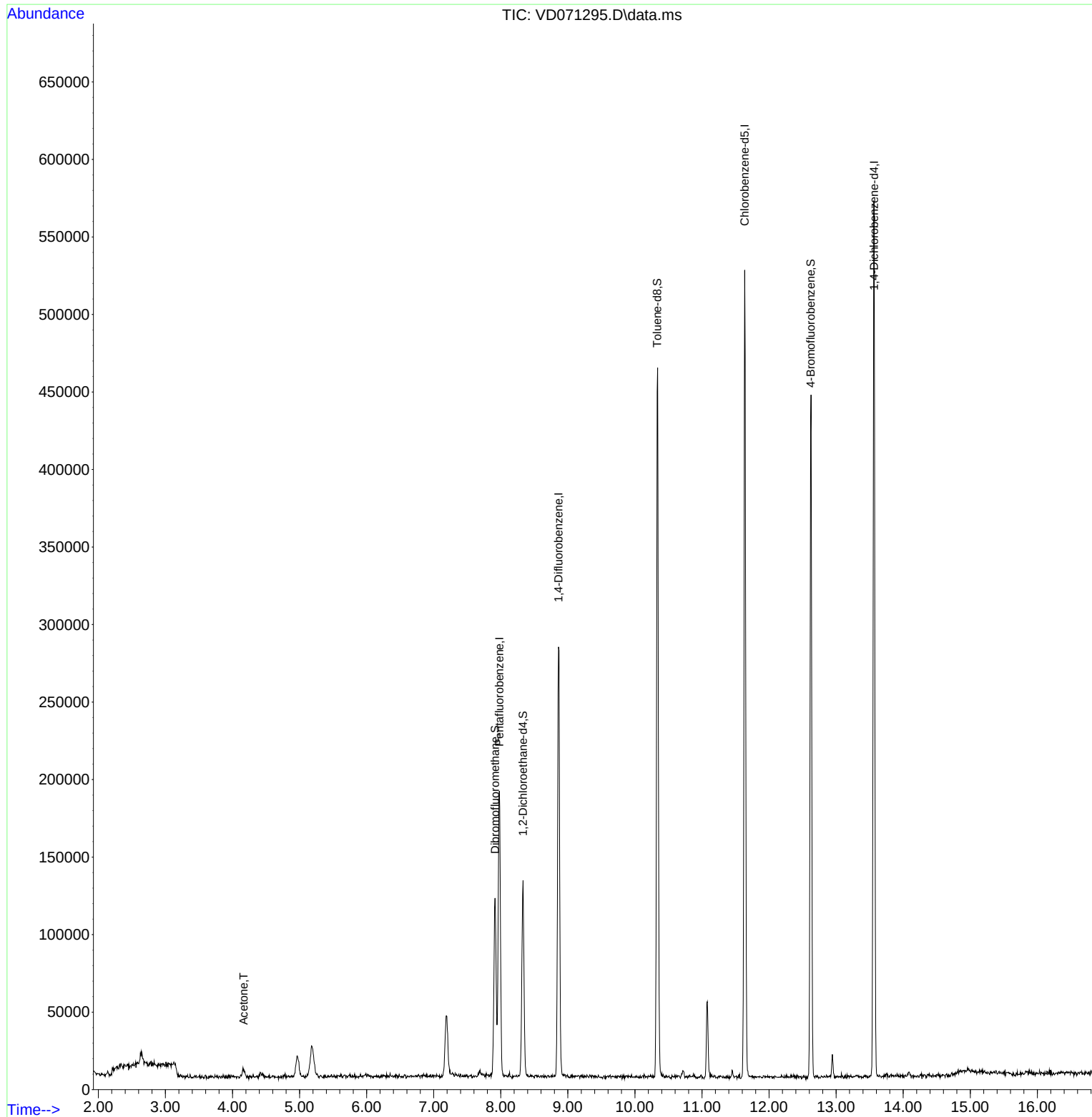
Internal Standards						
1) Pentafluorobenzene	7.979	168	131780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	227384	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	277791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	142804	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	98658	63.803	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	127.600%	
35) Dibromofluoromethane	7.914	113	80367	55.504	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	111.000%	
50) Toluene-d8	10.332	98	296297	53.772	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	107.540%	
62) 4-Bromofluorobenzene	12.620	95	136016	71.211	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	142.420%	
Target Compounds						
16) Acetone	4.167	43	9104	50.237	ug/l	Qvalue 90

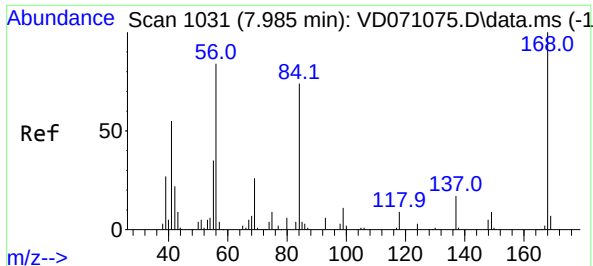
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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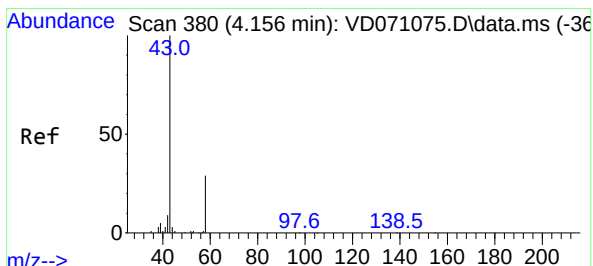
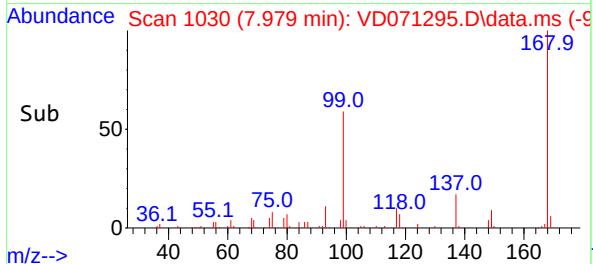
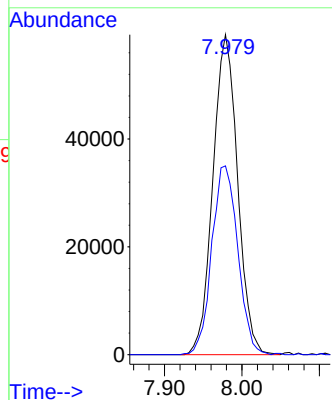
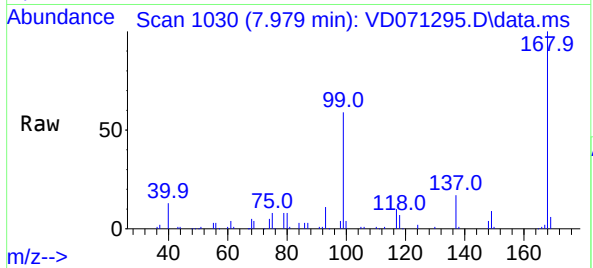




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071295.D
Acq: 13 Dec 2021 14:35

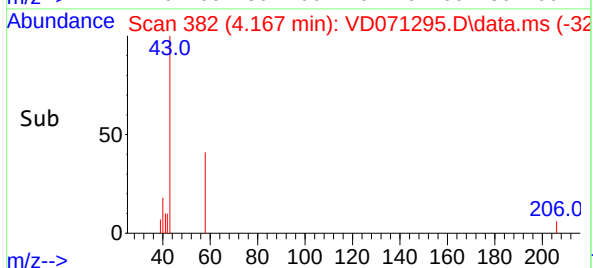
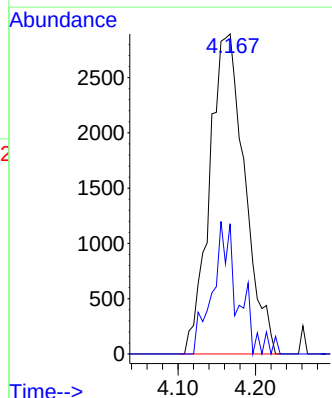
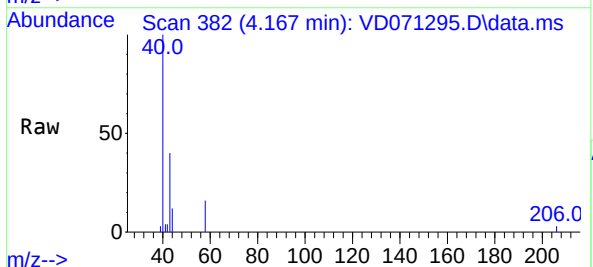
Instrument :
MSVOA_D
ClientSampleId :
SP1A

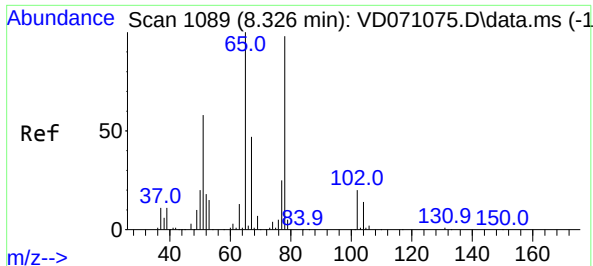
Tgt Ion:168 Resp: 131780
Ion Ratio Lower Upper
168 100
99 59.0 46.6 69.8



#16
Acetone
Concen: 50.237 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.011 min
Lab File: VD071295.D
Acq: 13 Dec 2021 14:35

Tgt Ion: 43 Resp: 9104
Ion Ratio Lower Upper
43 100
58 40.7 27.8 41.8

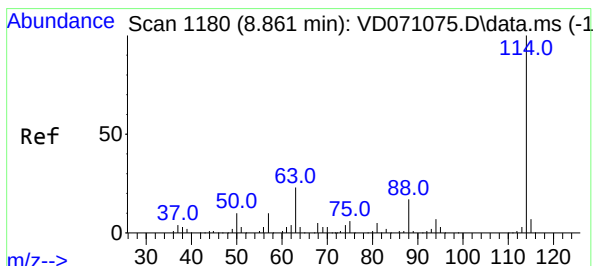
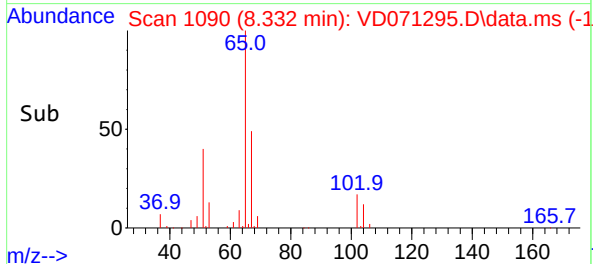
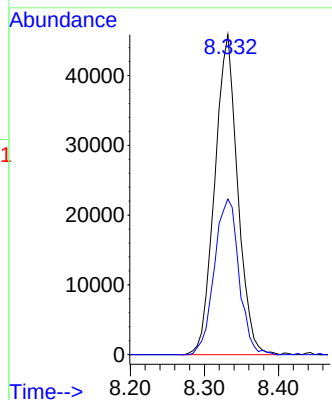
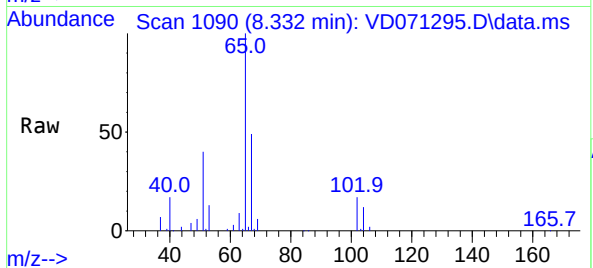




#33
1,2-Dichloroethane-d4
Concen: 63.803 ug/l
RT: 8.332 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD071295.D
Acq: 13 Dec 2021 14:35

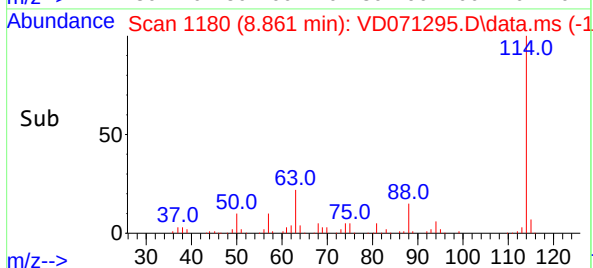
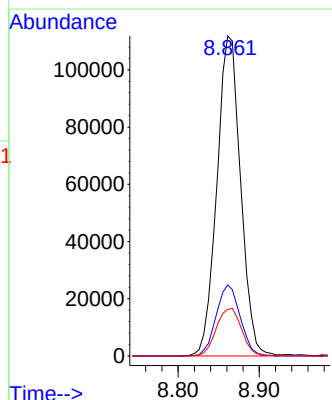
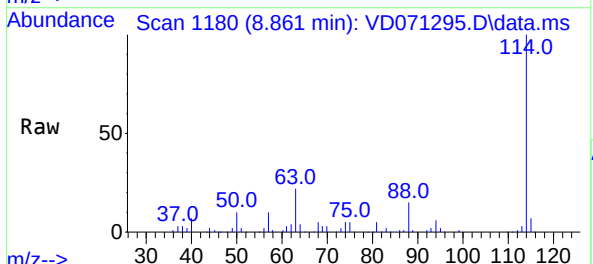
Instrument :
MSVOA_D
ClientSampleId :
SP1A

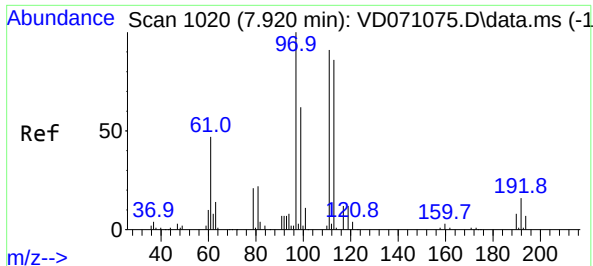
Tgt Ion: 65 Resp: 98658
Ion Ratio Lower Upper
65 100
67 52.3 0.0 112.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD071295.D
Acq: 13 Dec 2021 14:35

Tgt Ion: 114 Resp: 227384
Ion Ratio Lower Upper
114 100
63 22.2 0.0 41.8
88 14.5 0.0 32.8

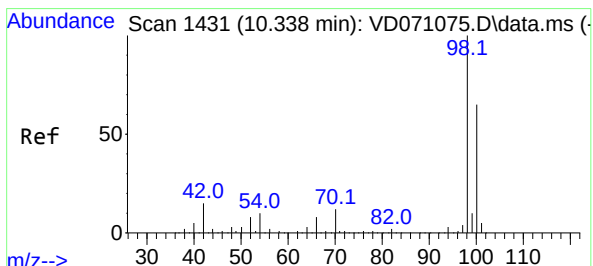
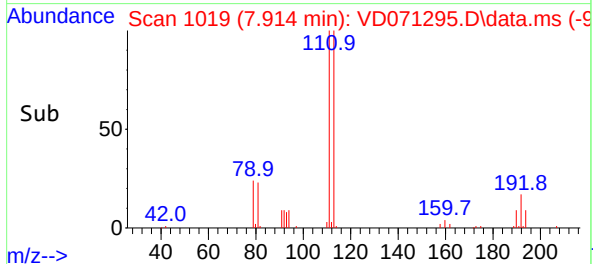
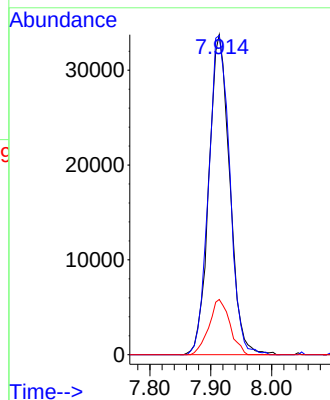
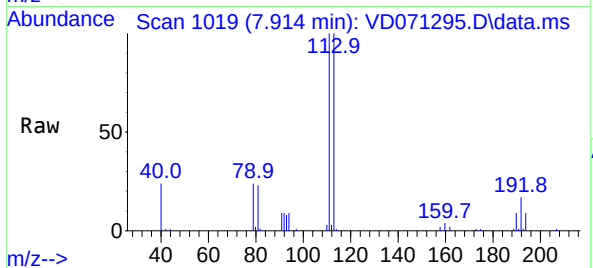




#35
Dibromofluoromethane
Concen: 55.504 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071295.D
Acq: 13 Dec 2021 14:35

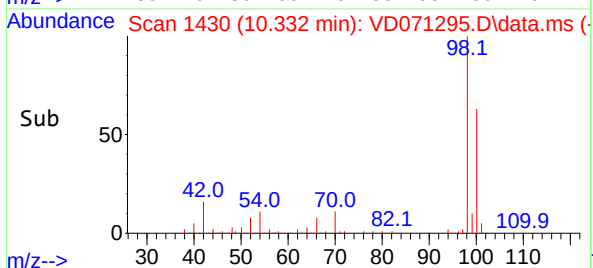
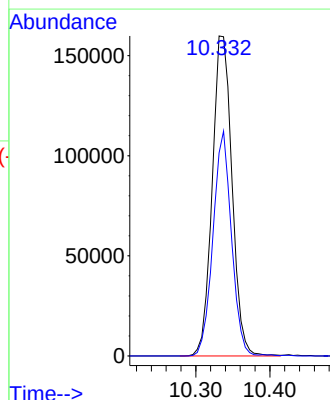
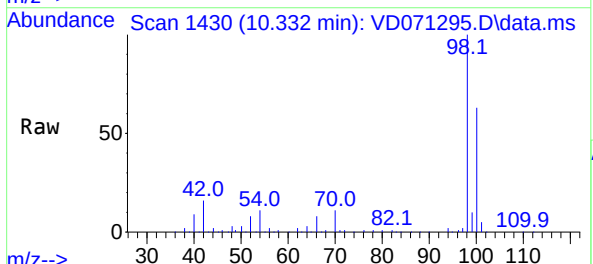
Instrument :
MSVOA_D
ClientSampleId :
SP1A

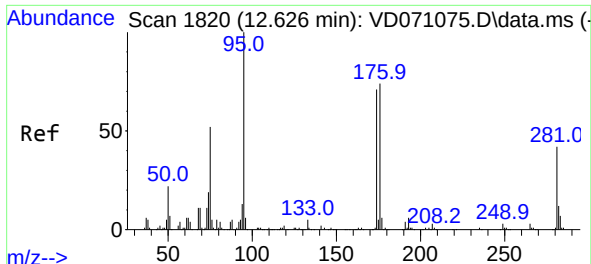
Tgt Ion:113 Resp: 80367
Ion Ratio Lower Upper
113 100
111 101.2 82.0 123.0
192 17.3 15.2 22.8



#50
Toluene-d8
Concen: 53.772 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071295.D
Acq: 13 Dec 2021 14:35

Tgt Ion: 98 Resp: 296297
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6

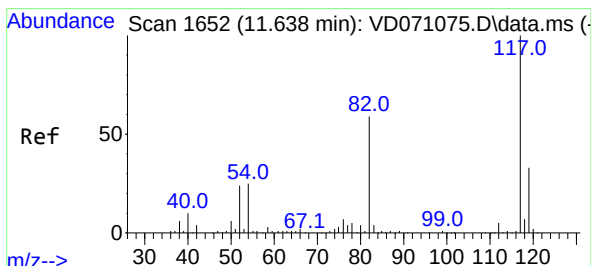
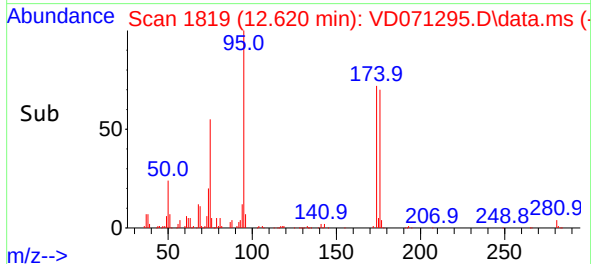
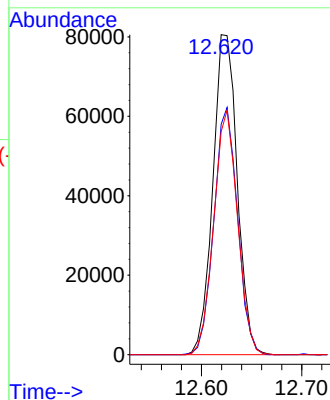
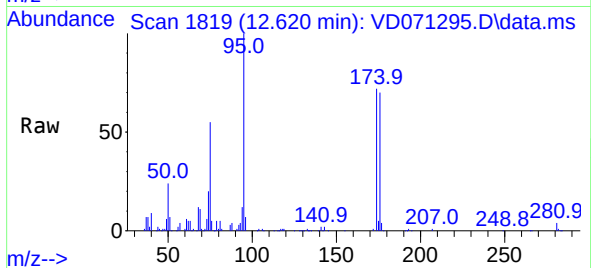




#62
4-Bromofluorobenzene
Concen: 71.211 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071295.D
Acq: 13 Dec 2021 14:35

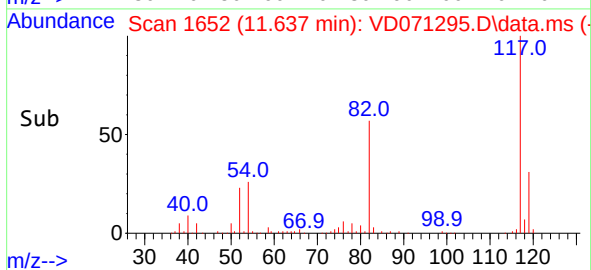
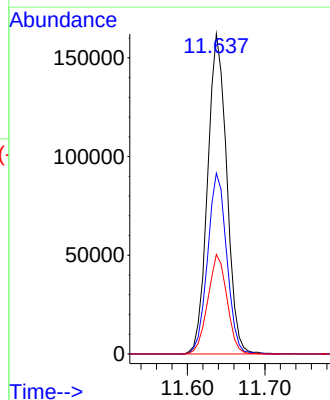
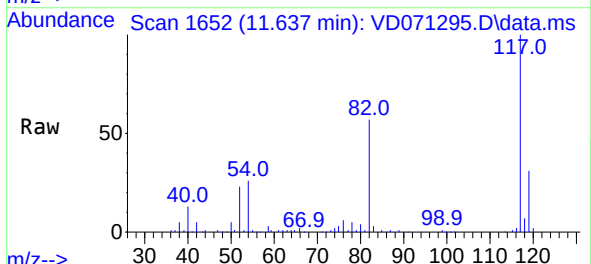
Instrument :
MSVOA_D
ClientSampleId :
SP1A

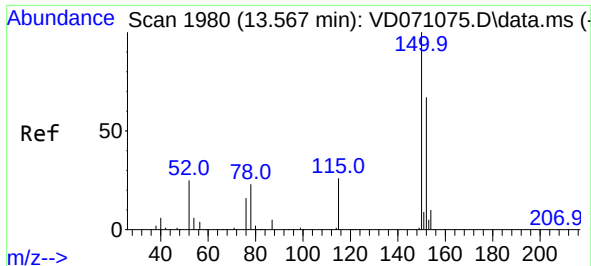
Tgt Ion: 95 Resp: 136016
Ion Ratio Lower Upper
95 100
174 75.0 0.0 159.4
176 74.5 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.001 min
Lab File: VD071295.D
Acq: 13 Dec 2021 14:35

Tgt Ion: 117 Resp: 277791
Ion Ratio Lower Upper
117 100
82 56.5 44.7 67.1
119 31.1 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.567 min Scan# 1980

Delta R.T. -0.000 min

Lab File: VD071295.D

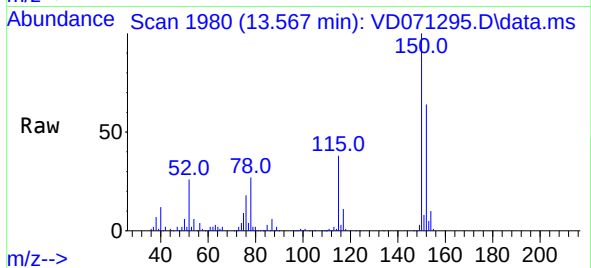
Acq: 13 Dec 2021 14:35

Instrument :

MSVOA_D

ClientSampleId :

SP1A



Tgt Ion:152 Resp: 142804

Ion	Ratio	Lower	Upper
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152	100		
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115	62.1	29.8	89.3
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150	155.2	0.0	349.2
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