

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081821\
 Data File : VD070127.D
 Acq On : 18 Aug 2021 14:54
 Operator : VA/SY
 Sample : M3430-08
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PE-2D

Quant Time: Aug 19 07:30:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

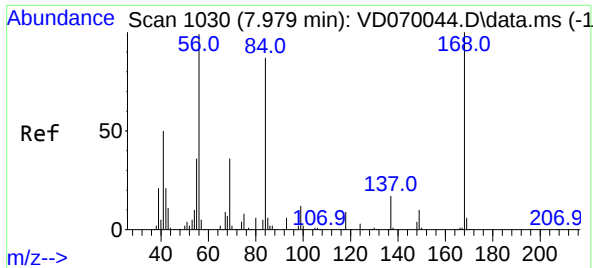
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	330467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	635487	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	664214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	286448	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	266263	68.504	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.000%
35) Dibromofluoromethane	7.914	113	237698	57.895	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.800%
50) Toluene-d8	10.337	98	827228	51.803	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.600%
62) 4-Bromofluorobenzene	12.626	95	274220	52.136	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.280%

Target Compounds	Qvalue

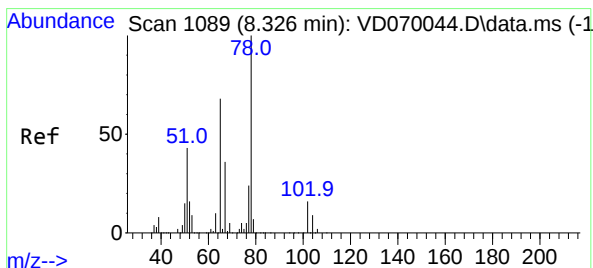
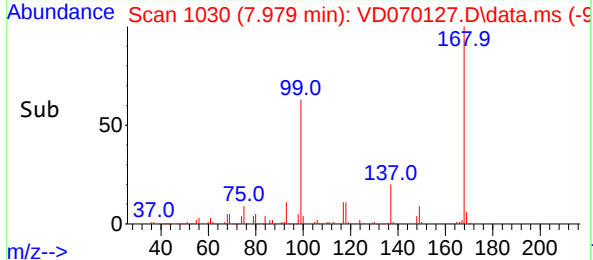
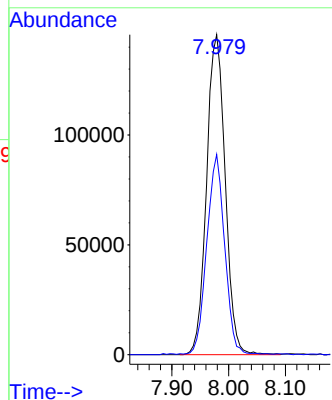
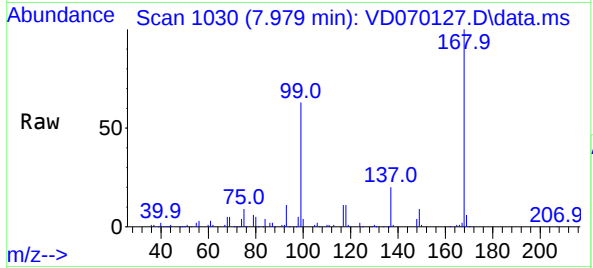
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070127.D
Acq: 18 Aug 2021 14:54

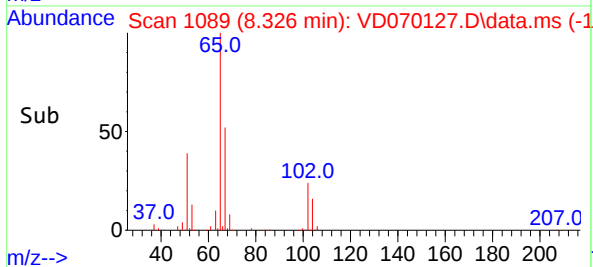
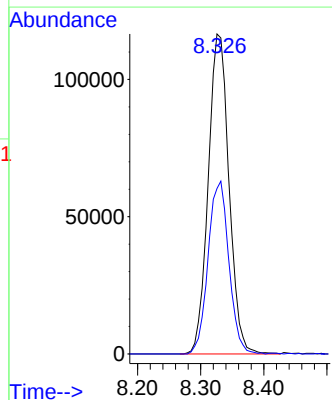
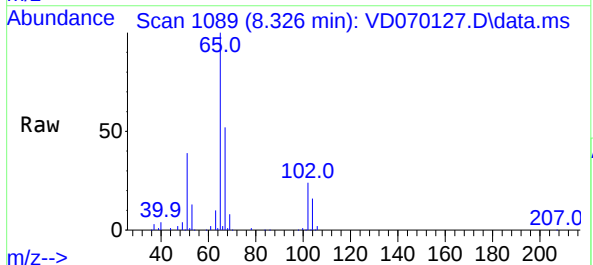
Instrument :
MSVOA_D
ClientSampled :
PE-2D

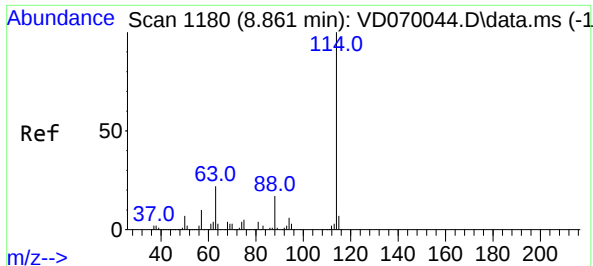
Tgt Ion:168 Resp: 330467
Ion Ratio Lower Upper
168 100
99 62.3 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 68.504 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070127.D
Acq: 18 Aug 2021 14:54

Tgt Ion: 65 Resp: 266263
Ion Ratio Lower Upper
65 100
67 54.0 0.0 107.8



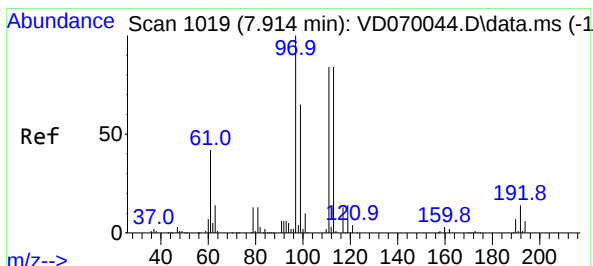
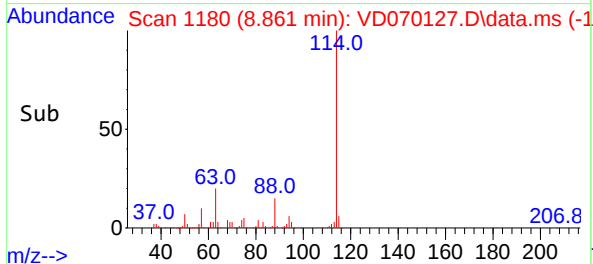
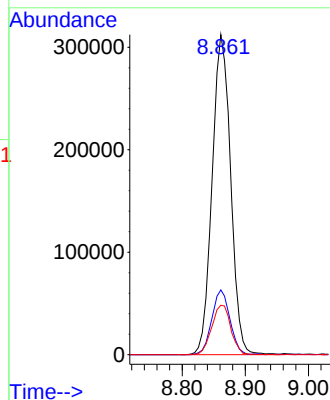
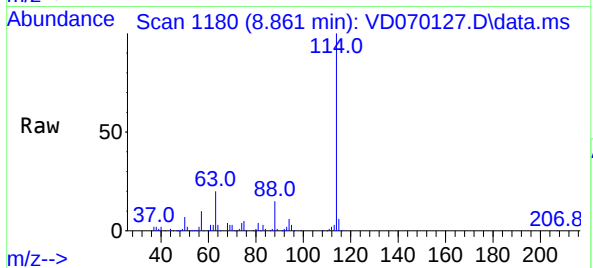


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070127.D
Acq: 18 Aug 2021 14:54

Instrument :
MSVOA_D
ClientSampleId :
PE-2D

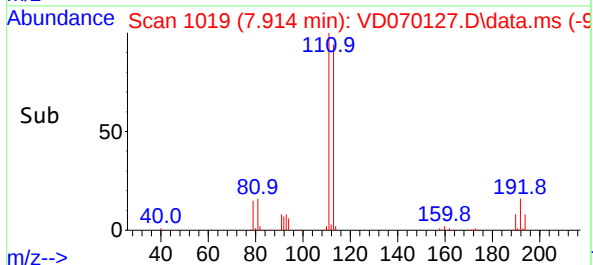
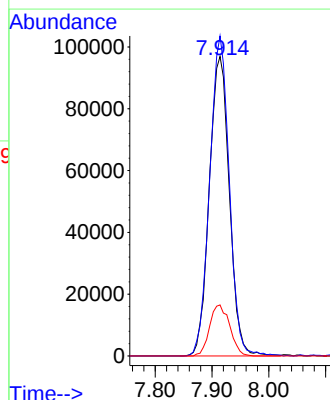
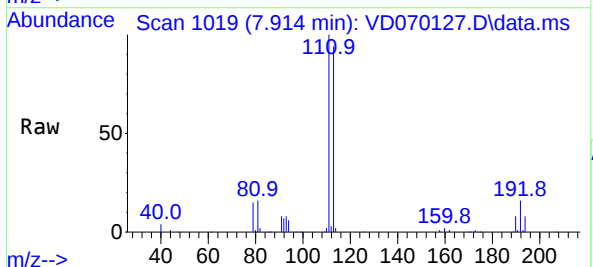
Tgt Ion:114 Resp: 635487
Ion Ratio Lower Upper
114 100
63 20.2 0.0 43.6
88 15.5 0.0 33.4

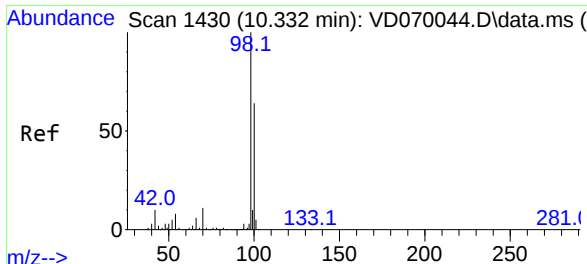


#35

Dibromofluoromethane
Concen: 57.895 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070127.D
Acq: 18 Aug 2021 14:54

Tgt Ion:113 Resp: 237698
Ion Ratio Lower Upper
113 100
111 104.1 81.8 122.6
192 17.1 13.2 19.8

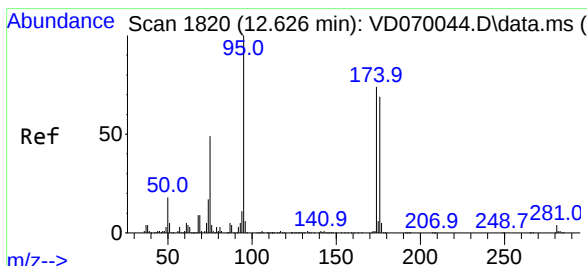
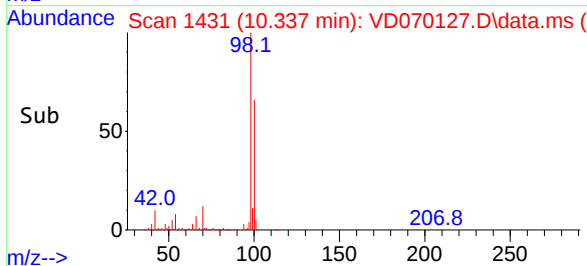
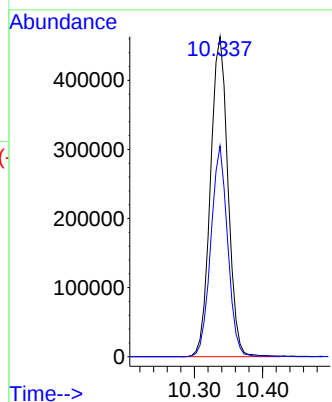
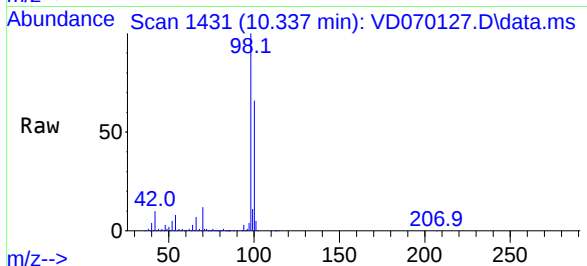




#50
Toluene-d8
Concen: 51.803 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070127.D
Acq: 18 Aug 2021 14:54

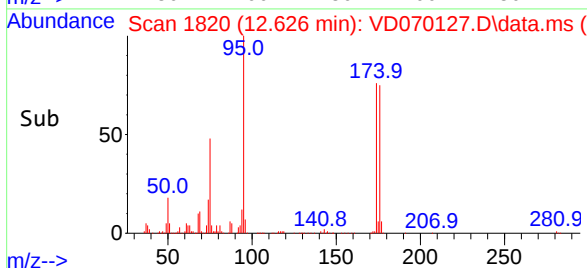
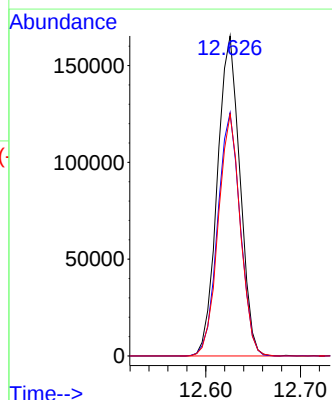
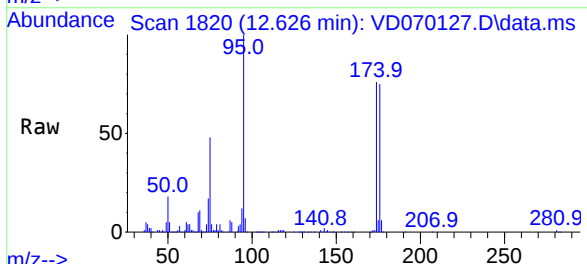
Instrument :
MSVOA_D
ClientSampleId :
PE-2D

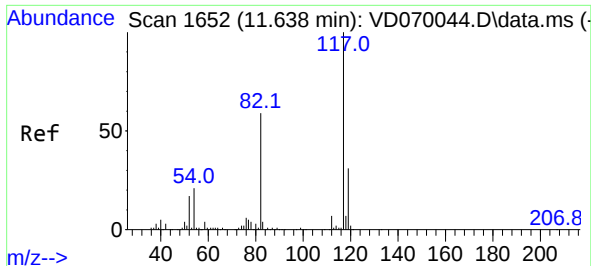
Tgt Ion: 98 Resp: 827228
Ion Ratio Lower Upper
98 100
100 63.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 52.136 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070127.D
Acq: 18 Aug 2021 14:54

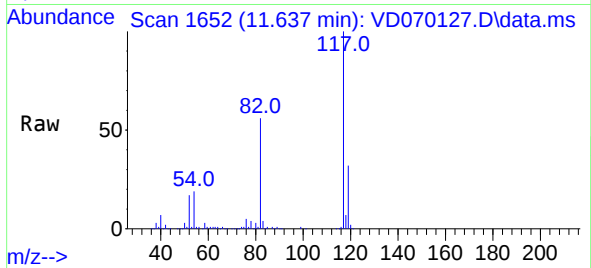
Tgt Ion: 95 Resp: 274220
Ion Ratio Lower Upper
95 100
174 75.7 0.0 141.6
176 73.6 0.0 138.2



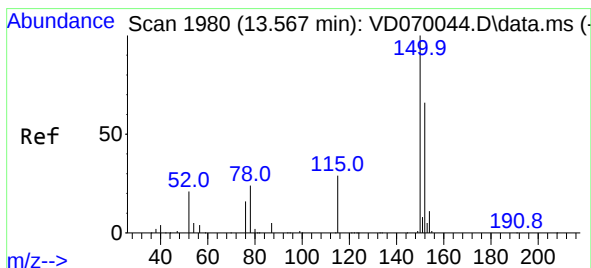
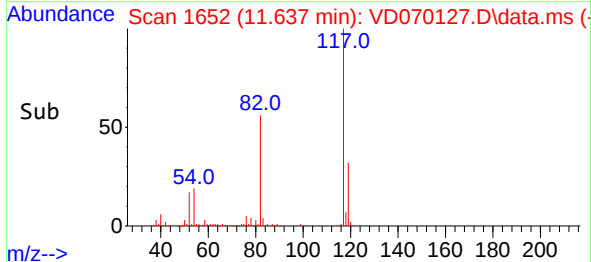
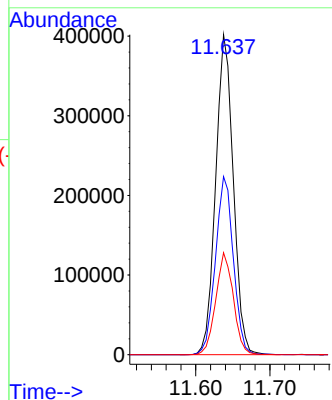


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070127.D
Acq: 18 Aug 2021 14:54

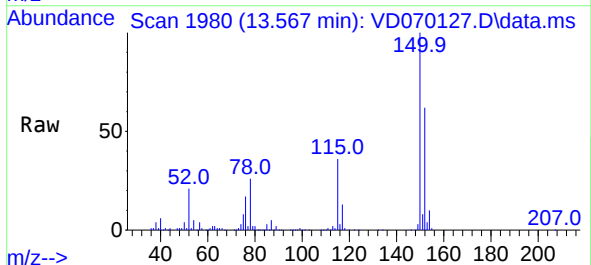
Instrument :
MSVOA_D
ClientSampleId :
PE-2D



Tgt Ion:117 Resp: 664214
Ion Ratio Lower Upper
117 100
82 55.6 47.5 71.3
119 31.8 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070127.D
Acq: 18 Aug 2021 14:54



Tgt Ion:152 Resp: 286448
Ion Ratio Lower Upper
152 100
115 60.4 31.2 93.6
150 157.3 0.0 352.0

