

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092821\
 Data File : VD070505.D
 Acq On : 28 Sep 2021 16:28
 Operator : VA/SY
 Sample : M3938-01
 Misc : 5.83G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SUB-SLAB-07(5-7)

Quant Time: Sep 28 23:43:32 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

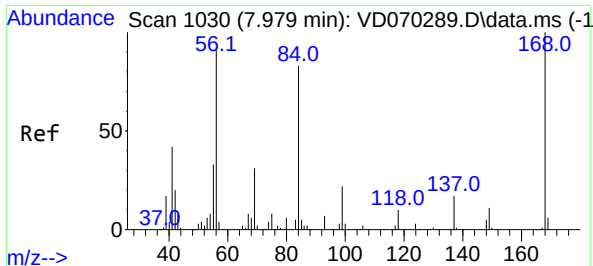
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	321564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	707764	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	734006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	327943	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	238528	57.770	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.540%
35) Dibromofluoromethane	7.914	113	256465	50.907	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.820%
50) Toluene-d8	10.338	98	945955	51.715	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.440%
62) 4-Bromofluorobenzene	12.626	95	331470	51.852	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.700%
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.261	105	27942	1.430	ug/l	Qvalue 94

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

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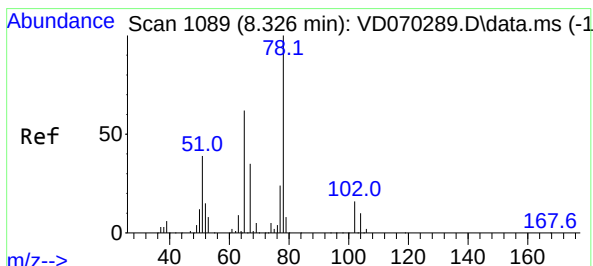
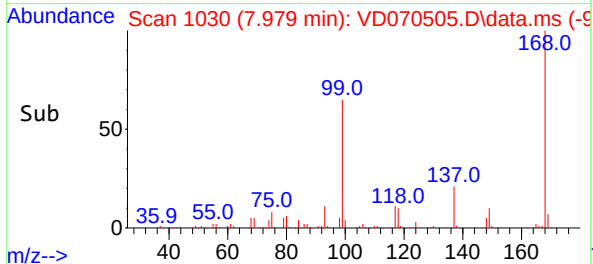
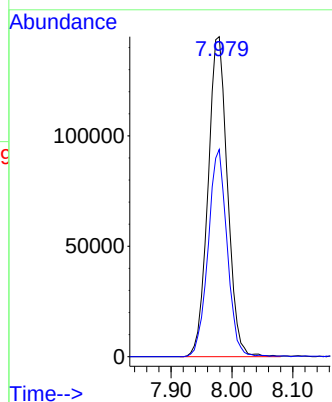
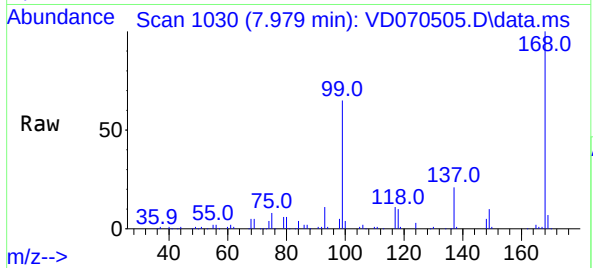




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070505.D
Acq: 28 Sep 2021 16:28

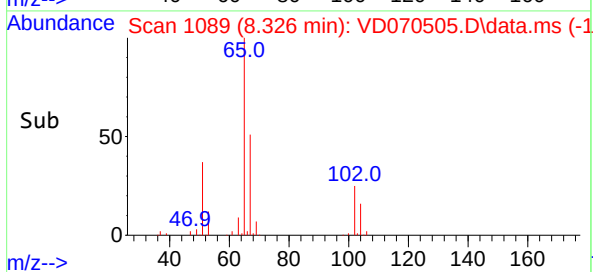
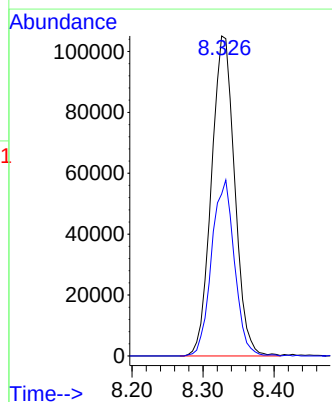
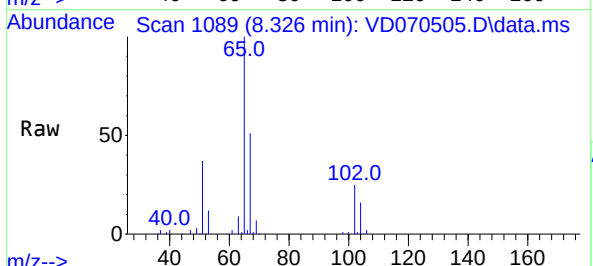
Instrument :
MSVOA_D
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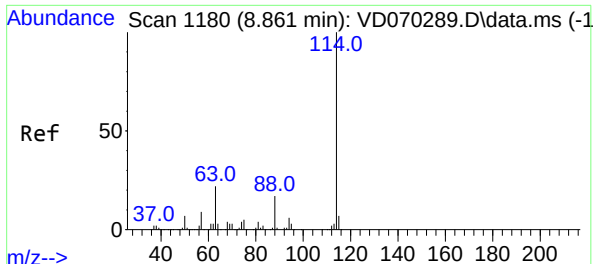
Tgt Ion:168 Resp: 321564
Ion Ratio Lower Upper
168 100
99 64.8 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 57.770 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070505.D
Acq: 28 Sep 2021 16:28

Tgt Ion: 65 Resp: 238528
Ion Ratio Lower Upper
65 100
67 54.0 0.0 111.4

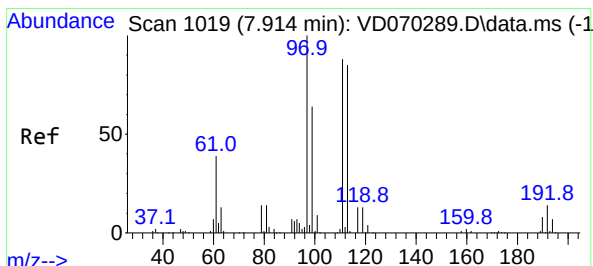
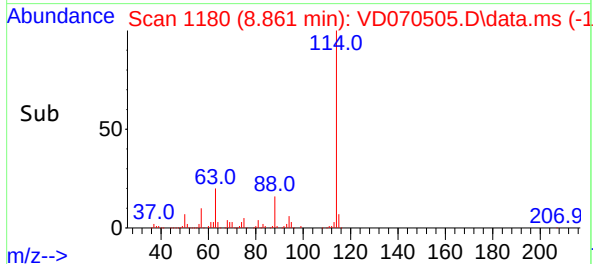
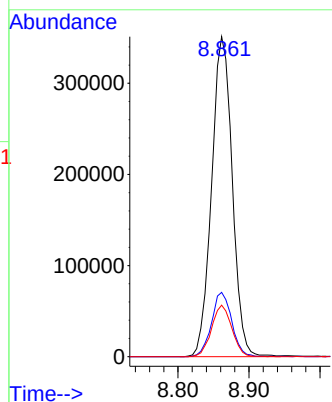
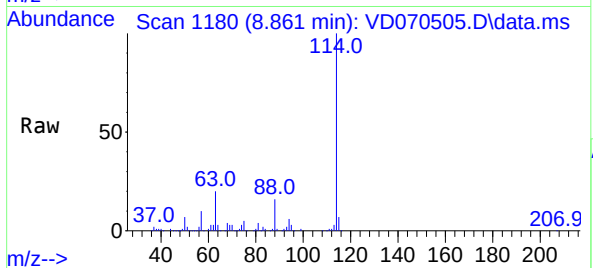




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070505.D
Acq: 28 Sep 2021 16:28

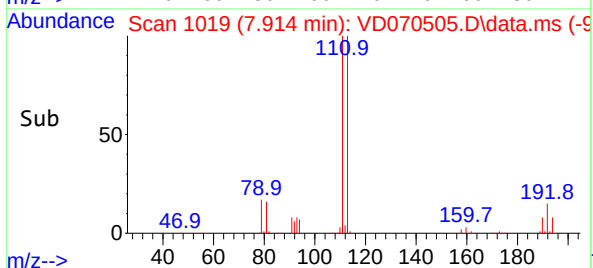
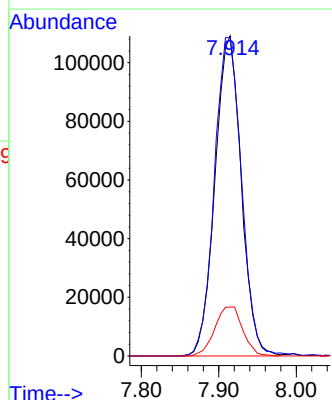
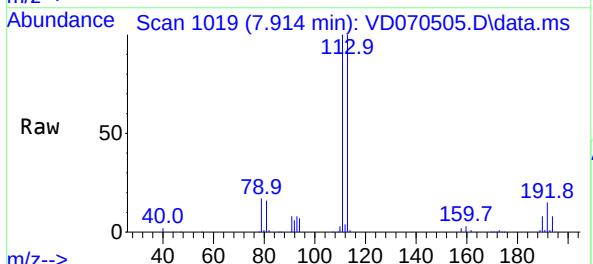
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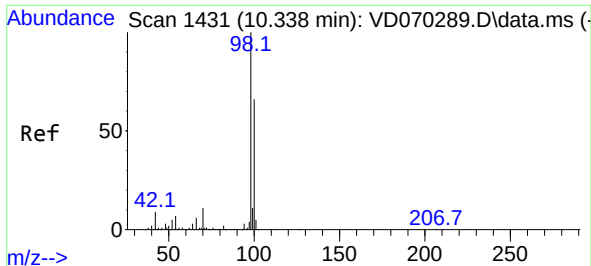
Tgt Ion:	114	Resp:	707764
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	43.4
88	16.1	0.0	33.4



#35
Dibromofluoromethane
Concen: 50.907 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070505.D
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Tgt Ion:	113	Resp:	256465
Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.4	122.2
192	16.4	13.0	19.6

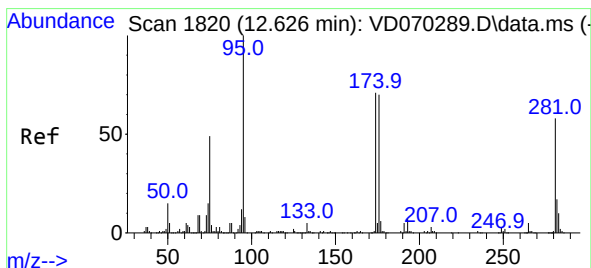
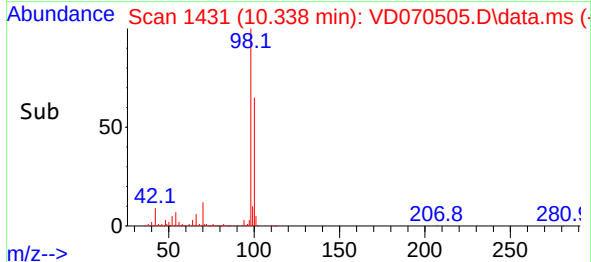
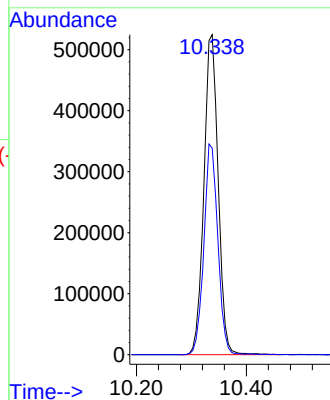
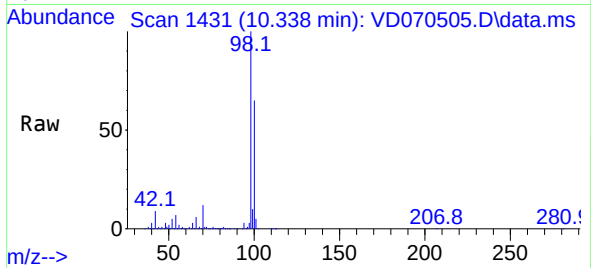




#50
Toluene-d8
Concen: 51.715 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD070505.D
Acq: 28 Sep 2021 16:28

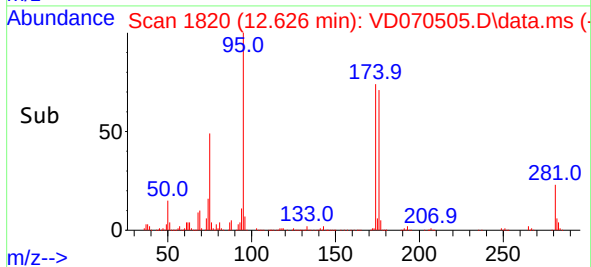
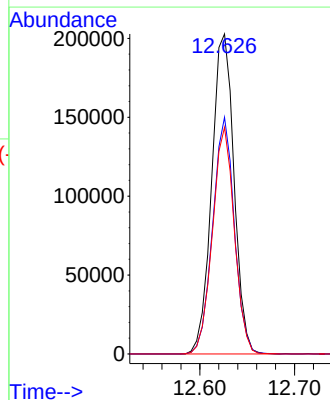
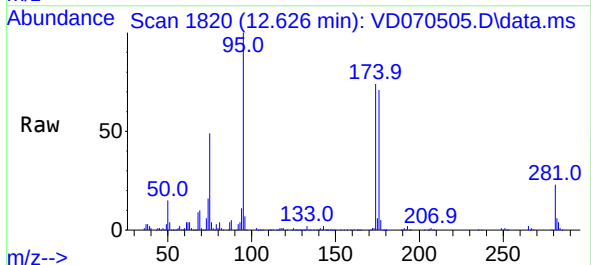
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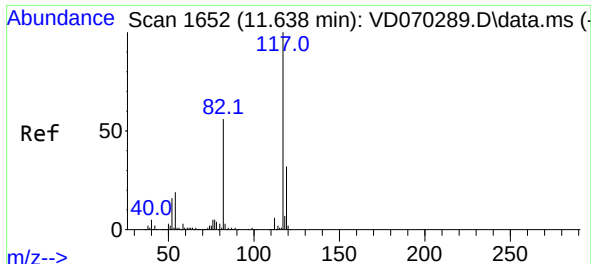
Tgt Ion: 98 Resp: 945955
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.852 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070505.D
Acq: 28 Sep 2021 16:28

Tgt Ion: 95 Resp: 331470
Ion Ratio Lower Upper
95 100
174 71.8 0.0 140.6
176 69.3 0.0 137.4

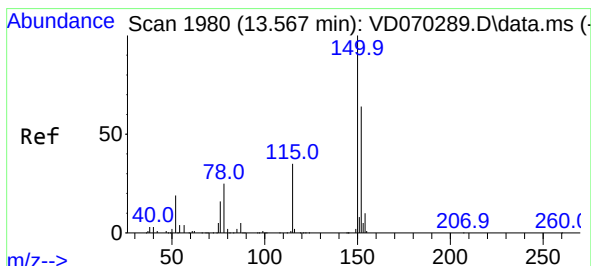
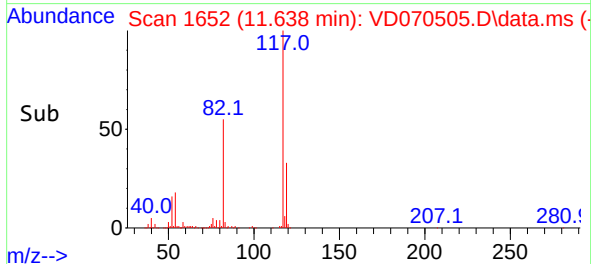
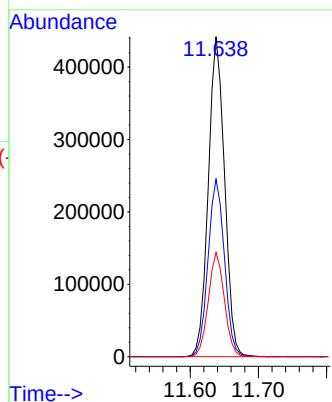
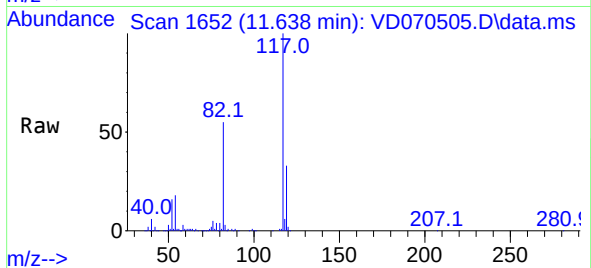




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070505.D
Acq: 28 Sep 2021 16:28

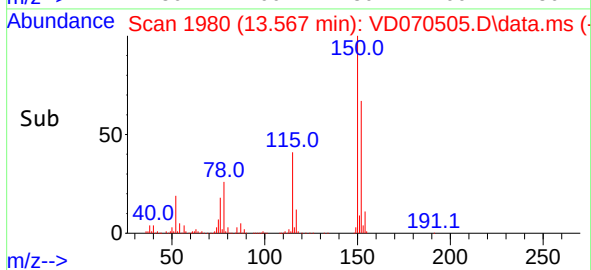
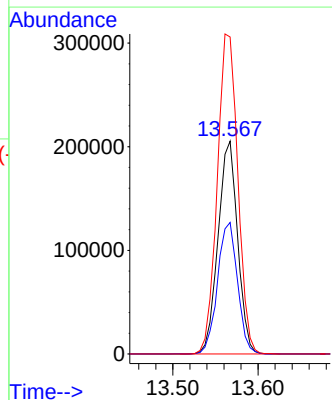
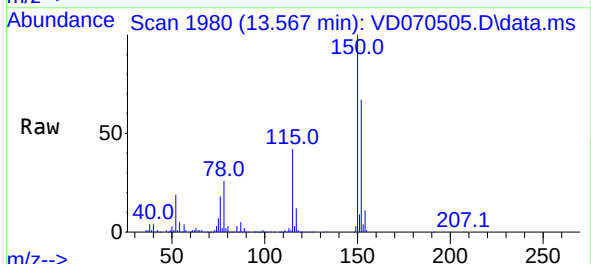
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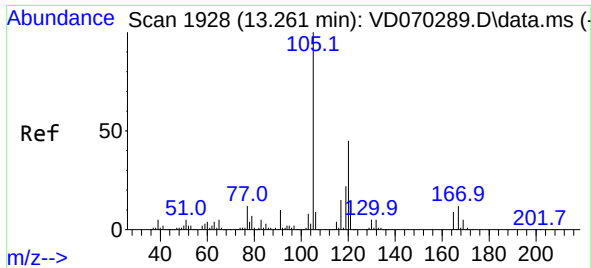
Tgt Ion:117 Resp: 734006
Ion Ratio Lower Upper
117 100
82 55.4 45.0 67.4
119 32.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070505.D
Acq: 28 Sep 2021 16:28

Tgt Ion:152 Resp: 327943
Ion Ratio Lower Upper
152 100
115 63.1 32.1 96.3
150 157.9 0.0 350.6





#84
1,2,4-Trimethylbenzene
Concen: 1.430 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD070505.D
Acq: 28 Sep 2021 16:28

Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-07(5-7)

Tgt Ion:105 Resp: 27942
Ion Ratio Lower Upper
105 100
120 48.2 22.3 66.8

