

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092921\
 Data File : VD070524.D
 Acq On : 29 Sep 2021 15:47
 Operator : VA/SY
 Sample : M3975-02
 Misc : 6.89G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-837-R-SO-4-4.5-092821

Quant Time: Sep 30 00:45:58 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)

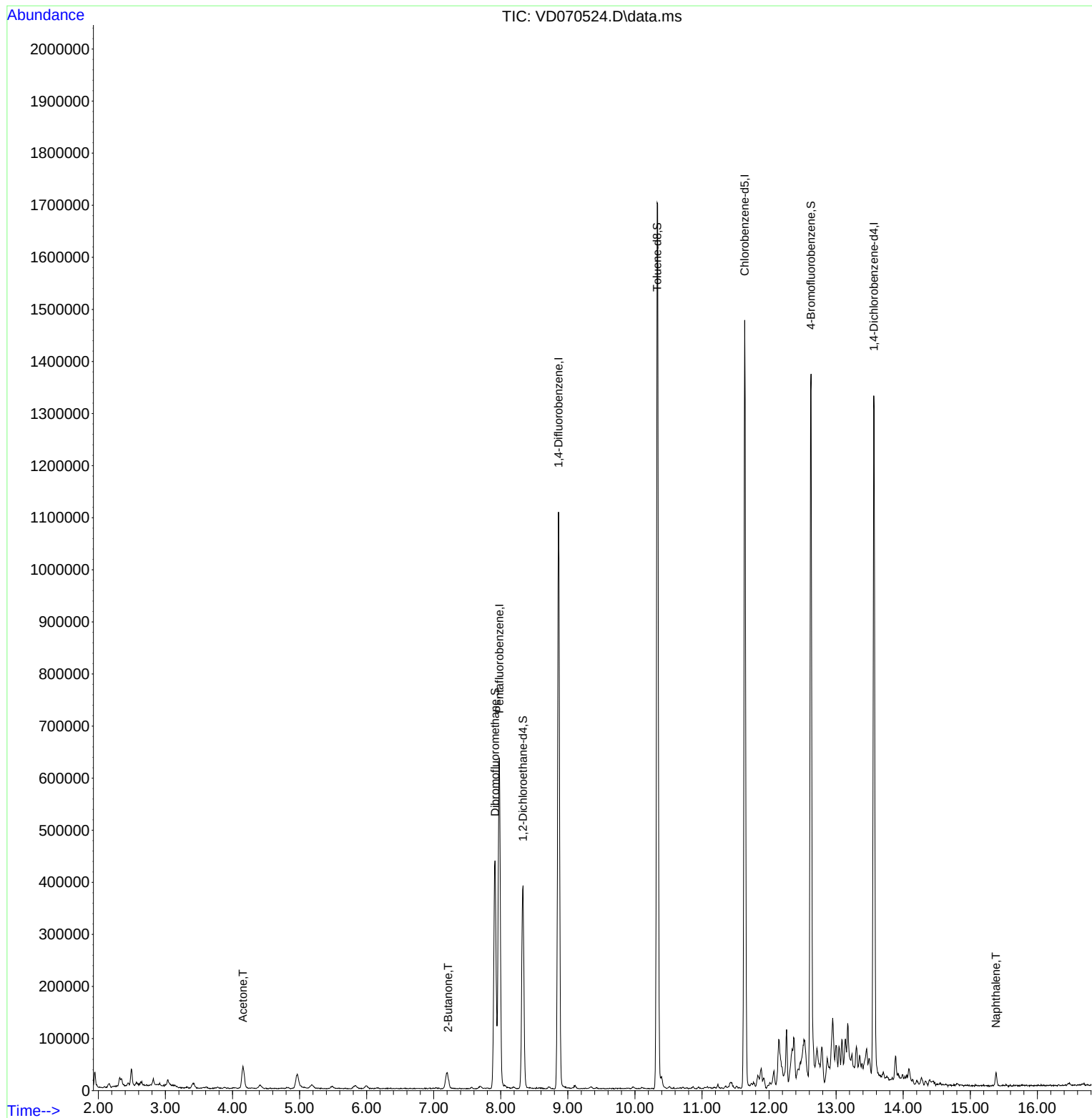
Internal Standards						
1) Pentafluorobenzene	7.979	168	456464	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	953219	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	876208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	358604	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	317364	54.148	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.300%
35) Dibromofluoromethane	7.914	113	334310	49.271	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.540%
50) Toluene-d8	10.332	98	1214350	49.293	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.580%
62) 4-Bromofluorobenzene	12.626	95	419691	48.746	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.500%
Target Compounds						
						Qvalue
16) Acetone	4.156	43	70721	67.584	ug/l	97
25) 2-Butanone	7.214	43	18532	13.304	ug/l	95
95) Naphthalene	15.385	128	20592	1.969	ug/l	98

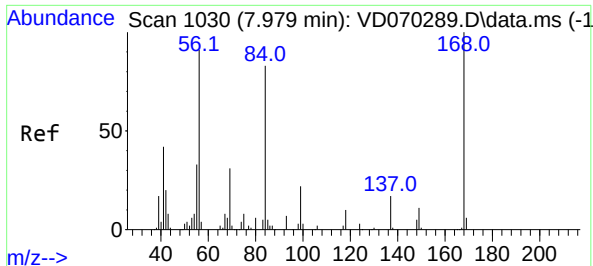
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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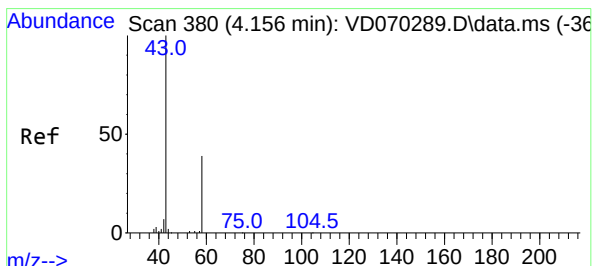
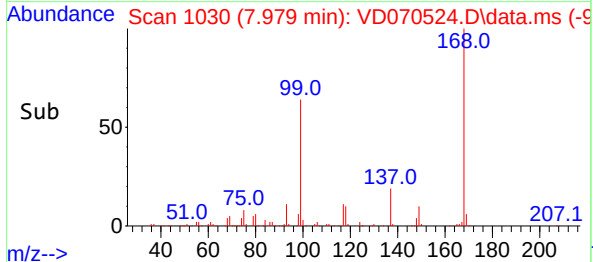
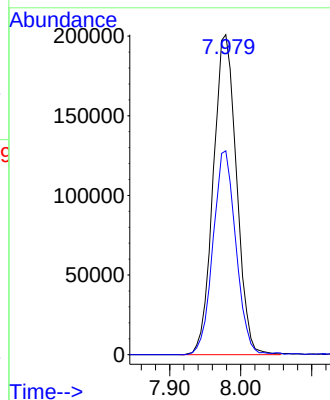
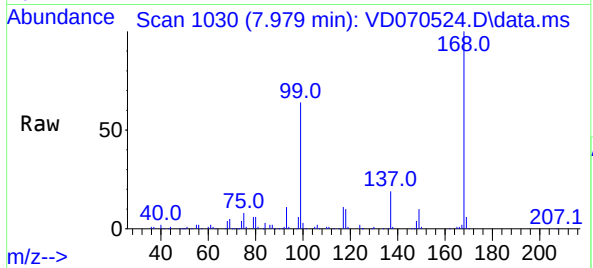




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070524.D
Acq: 29 Sep 2021 15:47

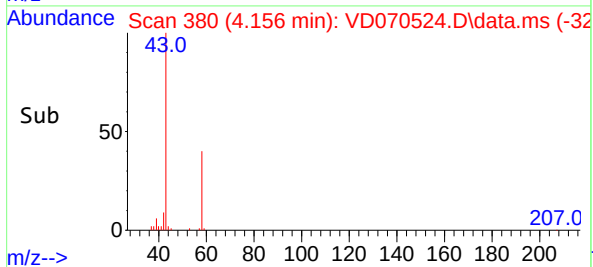
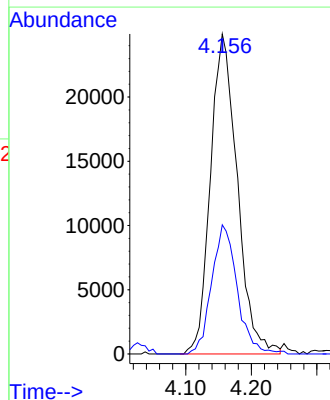
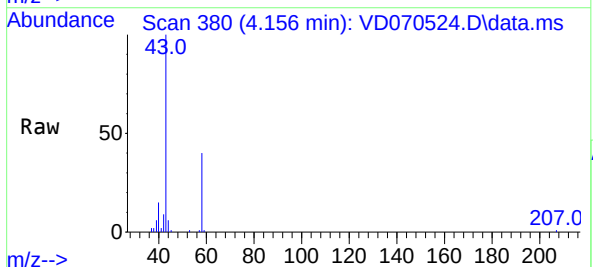
Instrument :
MSVOA_D
ClientSampleId :
S-837-R-SO-4-4.5-092821

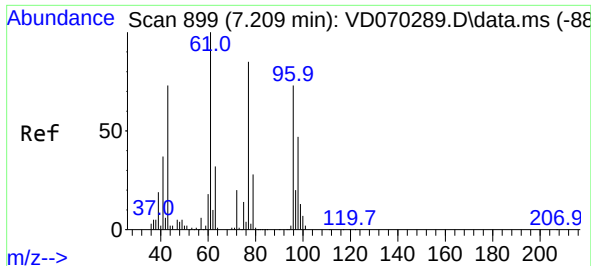
Tgt Ion:168 Resp: 456464
Ion Ratio Lower Upper
168 100
99 63.7 50.8 76.2



#16
Acetone
Concen: 67.584 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070524.D
Acq: 29 Sep 2021 15:47

Tgt Ion: 43 Resp: 70721
Ion Ratio Lower Upper
43 100
58 40.3 30.9 46.3

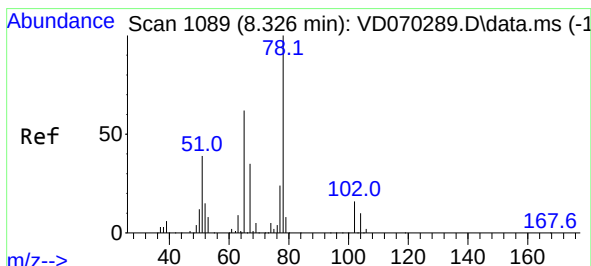
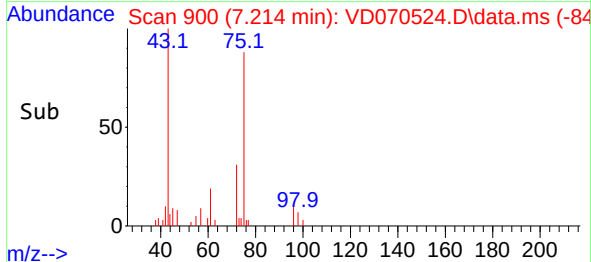
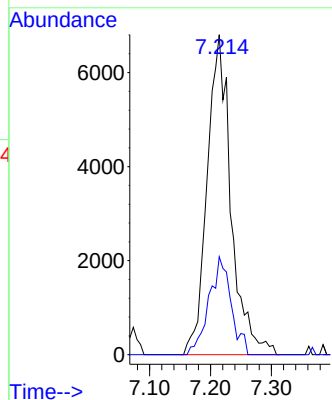
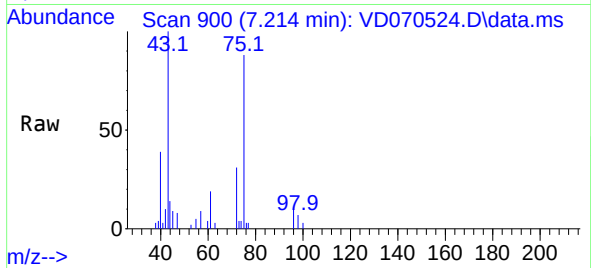




#25
2-Butanone
Concen: 13.304 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD070524.D
Acq: 29 Sep 2021 15:47

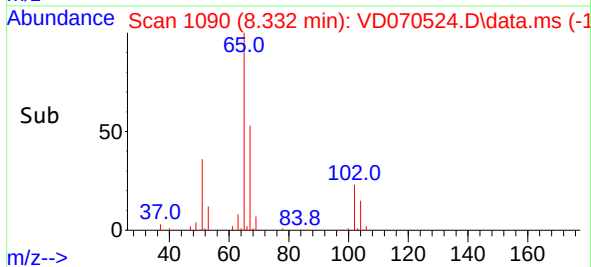
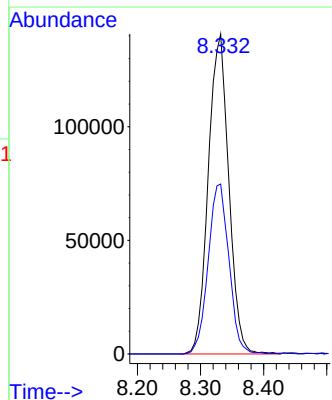
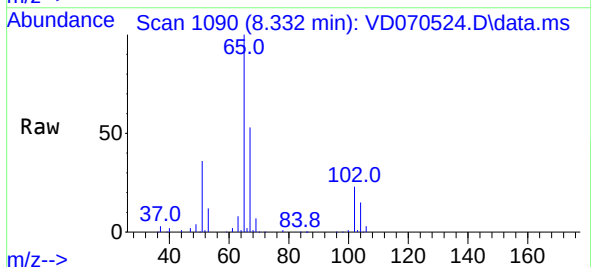
Instrument :
MSVOA_D
ClientSampleId :
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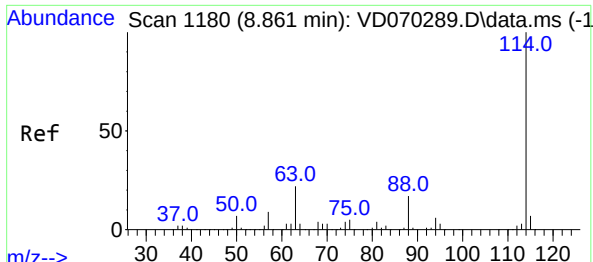
Tgt Ion: 43 Resp: 18532
Ion Ratio Lower Upper
43 100
72 30.6 22.2 33.4



#33
1,2-Dichloroethane-d4
Concen: 54.148 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070524.D
Acq: 29 Sep 2021 15:47

Tgt Ion: 65 Resp: 317364
Ion Ratio Lower Upper
65 100
67 53.9 0.0 111.4

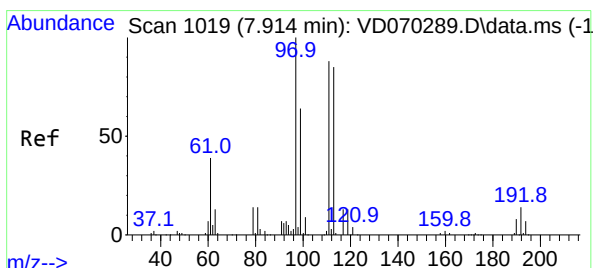
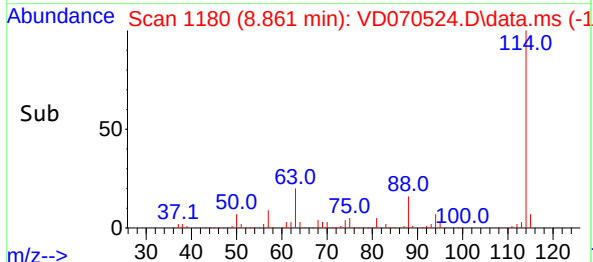
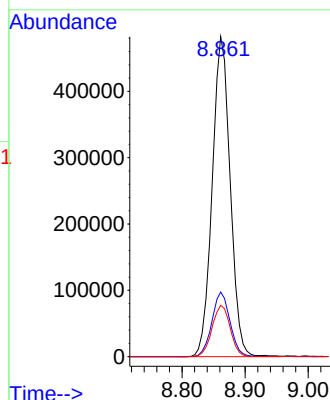
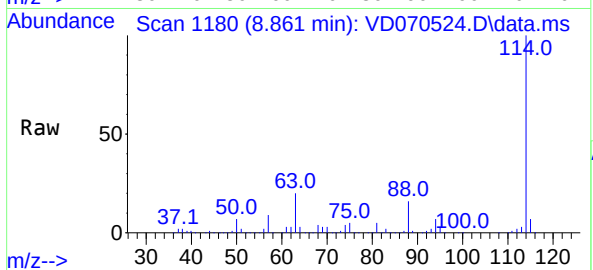




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070524.D
Acq: 29 Sep 2021 15:47

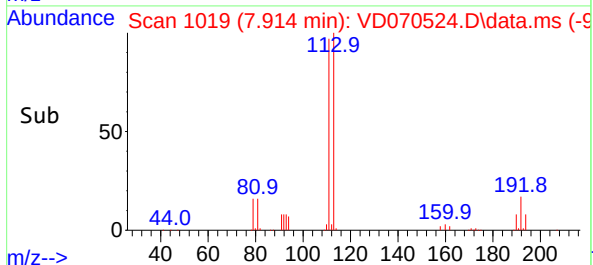
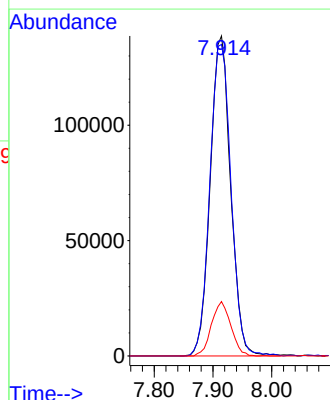
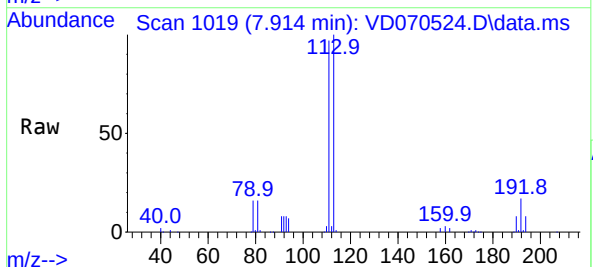
Instrument :
MSVOA_D
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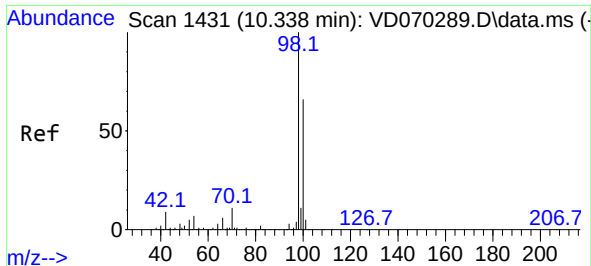
Tgt Ion:	114	Resp:	953219
Ion Ratio	Lower	Upper	
114	100		
63	20.2	0.0	43.4
88	16.0	0.0	33.4



#35
Dibromofluoromethane
Concen: 49.271 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070524.D
Acq: 29 Sep 2021 15:47

Tgt Ion:	113	Resp:	334310
Ion Ratio	Lower	Upper	
113	100		
111	101.2	81.4	122.2
192	16.2	13.0	19.6

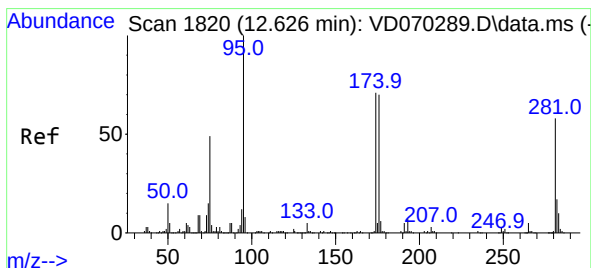
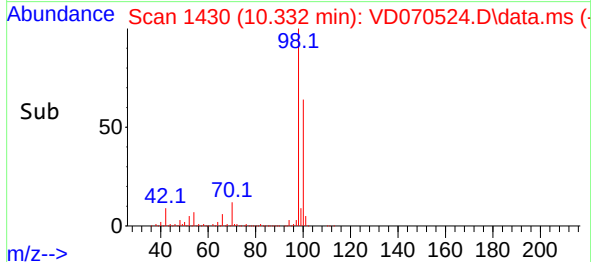
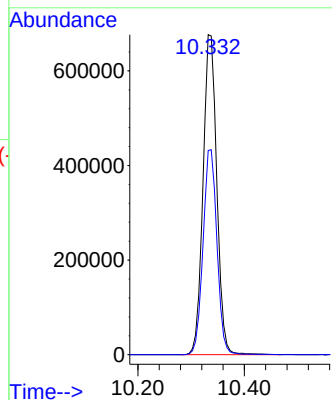
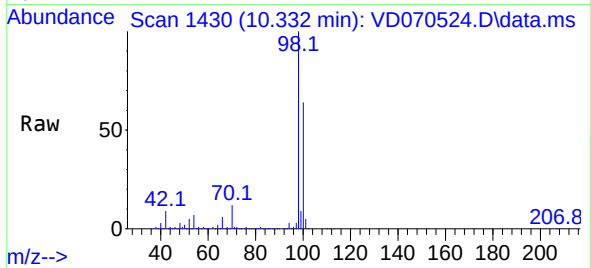




#50
Toluene-d8
Concen: 49.293 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070524.D
Acq: 29 Sep 2021 15:47

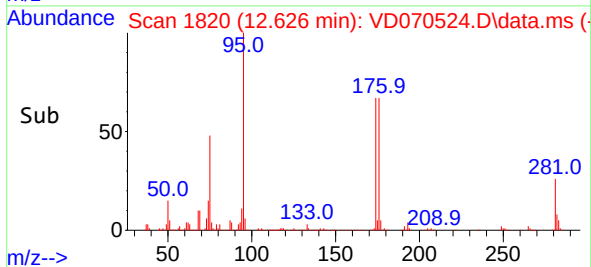
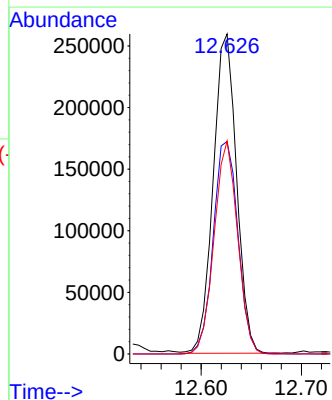
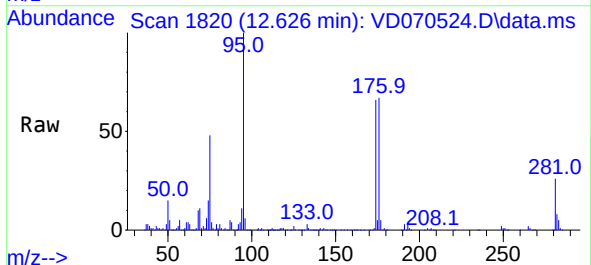
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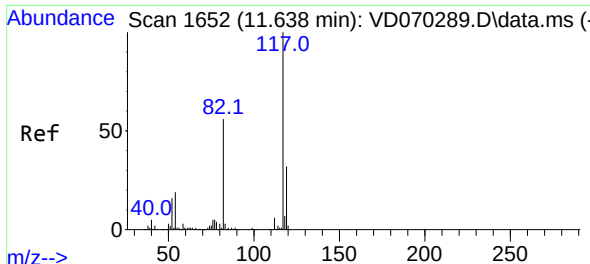
Tgt Ion: 98 Resp: 1214350
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.746 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070524.D
Acq: 29 Sep 2021 15:47

Tgt Ion: 95 Resp: 419691
Ion Ratio Lower Upper
95 100
174 70.4 0.0 140.6
176 66.8 0.0 137.4

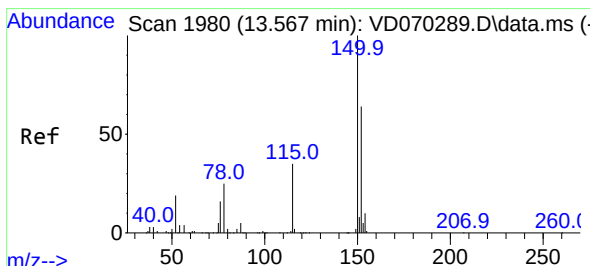
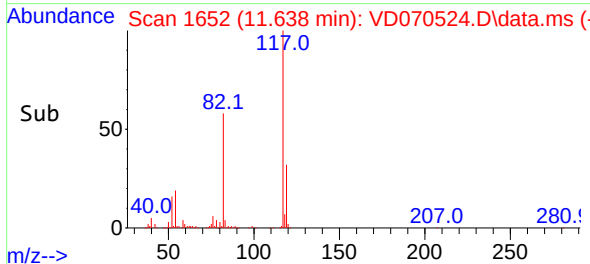
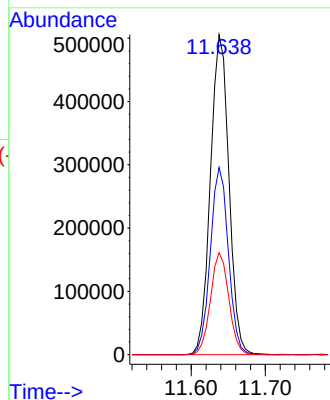
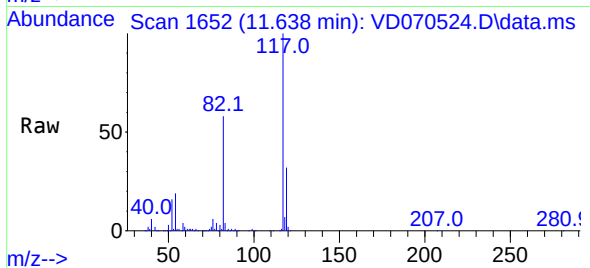




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070524.D
Acq: 29 Sep 2021 15:47

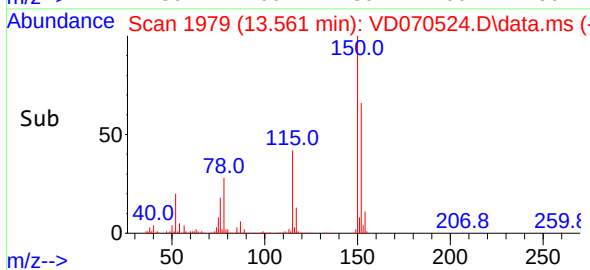
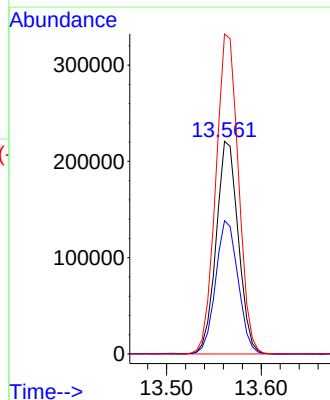
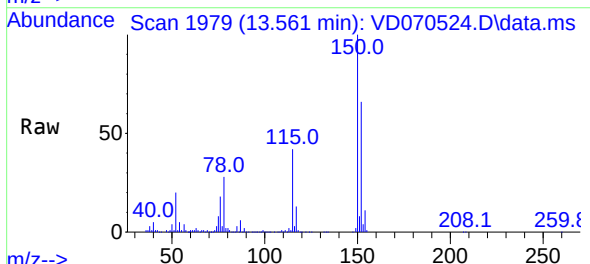
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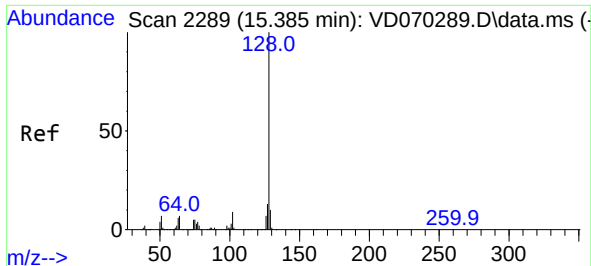
Tgt Ion:	117	Resp:	876208
Ion	Ratio	Lower	Upper
117	100		
82	58.5	45.0	67.4
119	31.8	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070524.D
Acq: 29 Sep 2021 15:47

Tgt Ion:	152	Resp:	358604
Ion	Ratio	Lower	Upper
152	100		
115	63.8	32.1	96.3
150	153.9	0.0	350.6





#95
Naphthalene
Concen: 1.969 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. -0.000 min
Lab File: VD070524.D
Acq: 29 Sep 2021 15:47

Instrument :
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ClientSampleId :
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Tgt Ion:	128	Resp:	20592
Ion	Ratio	Lower	Upper
128	100		
127	14.5	10.5	15.7
129	11.0	9.0	13.4

