

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102021\
 Data File : VD070779.D
 Acq On : 20 Oct 2021 16:48
 Operator : VA/SY
 Sample : M4284-04
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 16943

Quant Time: Oct 21 05:39:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

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

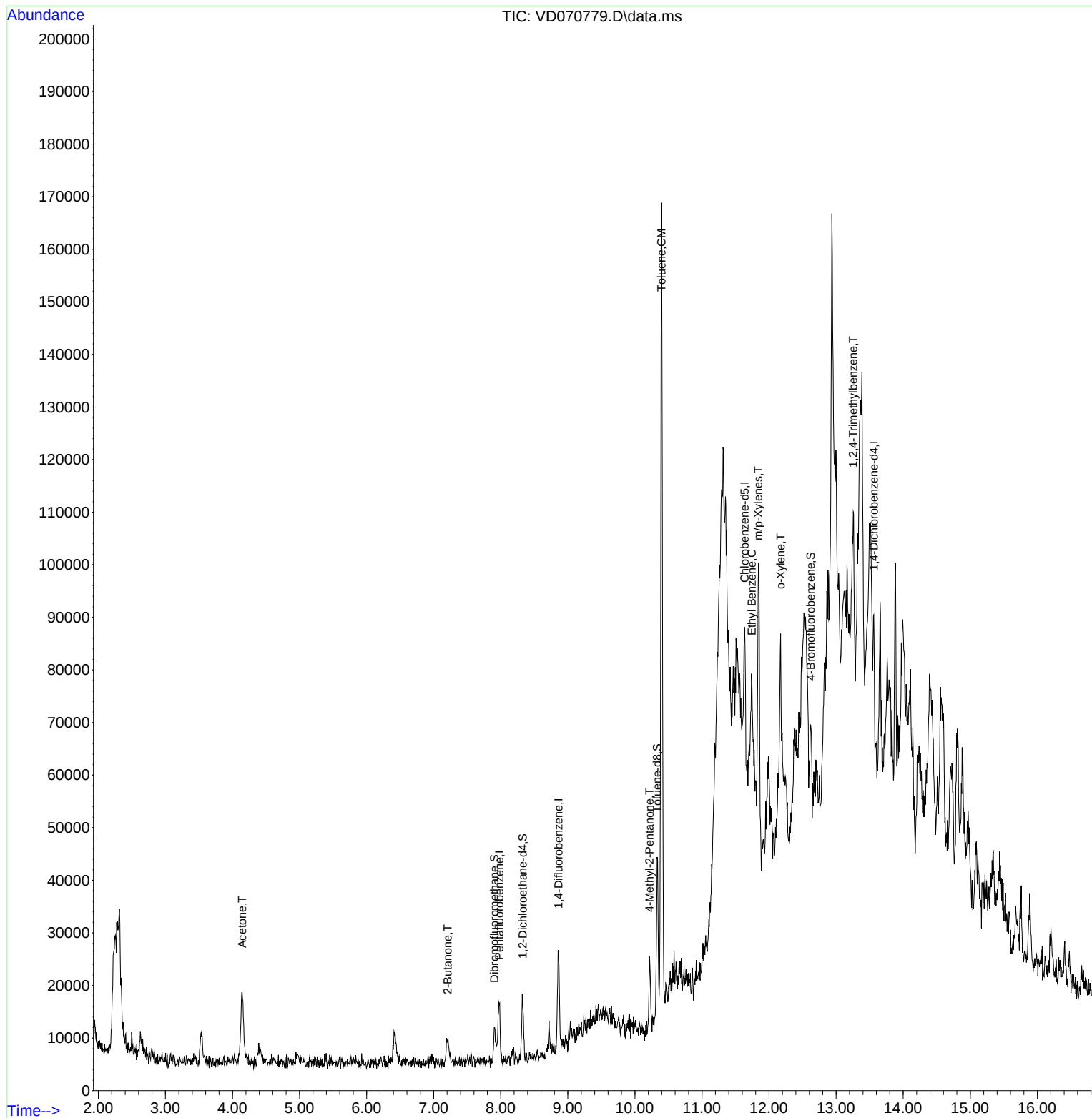
Internal Standards						
1) Pentafluorobenzene	7.979	168	7813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	13339	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	19765	50.00	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	6907	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	8266	89.32	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 178.64%#			
35) Dibromofluoromethane	7.902	113	4333	50.73	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.46%			
50) Toluene-d8	10.332	98	19244	58.78	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 117.56%			
62) 4-Bromofluorobenzene	12.620	95	8182	72.58	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 145.16%#			
Target Compounds					Qvalue	
16) Acetone	4.144	43	25564	1145.34	ug/l	95
25) 2-Butanone	7.208	43	7513	272.47	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	8879	143.44	ug/l	92
52) Toluene	10.396	92	61951	243.14	ug/l	97
67) Ethyl Benzene	11.743	91	10899	14.71	ug/l	96
68) m/p-Xylenes	11.837	106	12669	45.12	ug/l	94
69) o-Xylene	12.173	106	7222	28.35	ug/l	82
84) 1,2,4-Trimethylbenzene	13.255	105	13731	33.19	ug/l	83

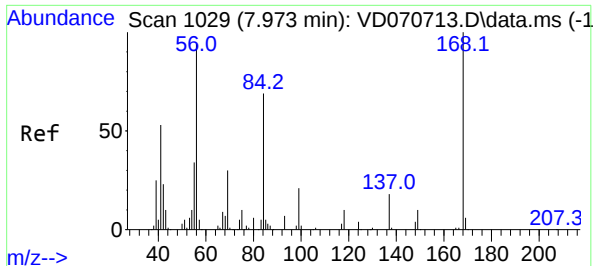
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

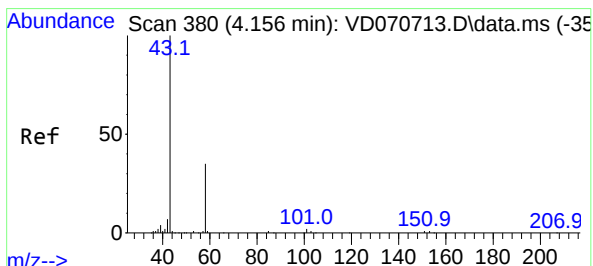
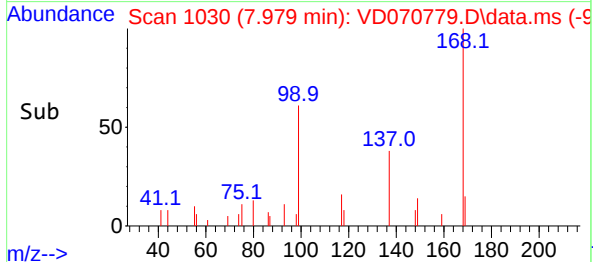
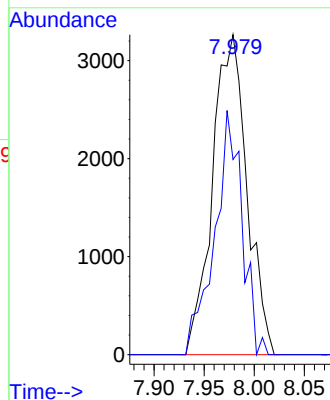
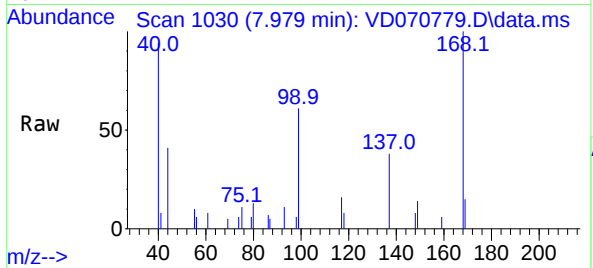




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

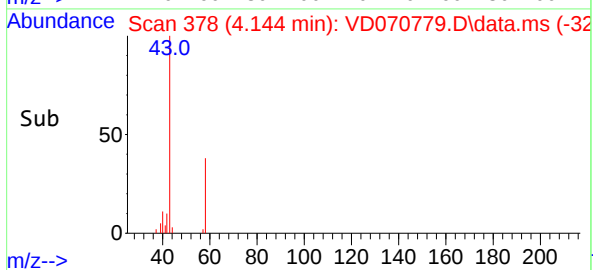
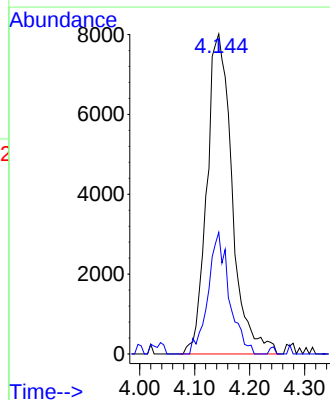
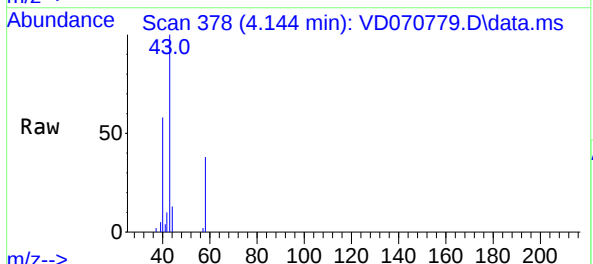
Instrument :
MSVOA_D
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16943

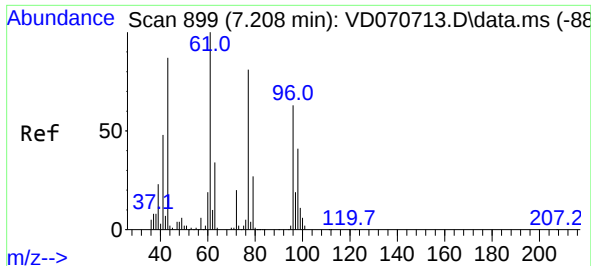
Tgt Ion:168 Resp: 7813
Ion Ratio Lower Upper
168 100
99 61.0 51.4 77.0



#16
Acetone
Concen: 1145.34 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.012 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

Tgt Ion: 43 Resp: 25564
Ion Ratio Lower Upper
43 100
58 38.0 28.2 42.2

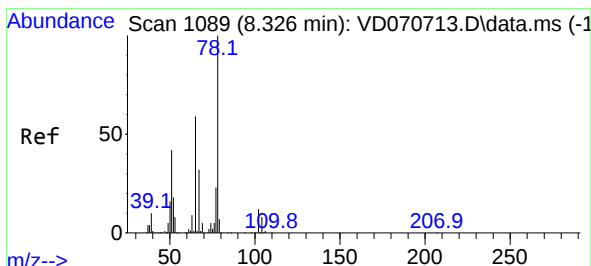
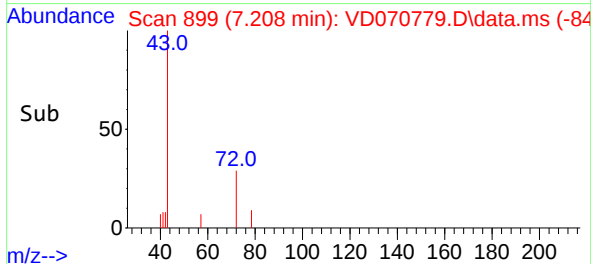
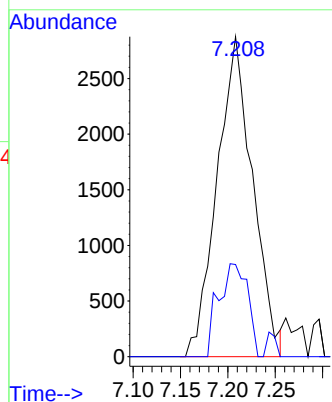
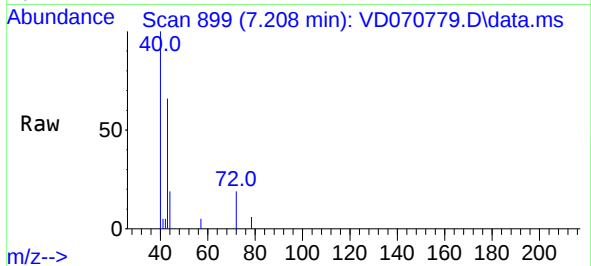




#25
2-Butanone
Concen: 272.47 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

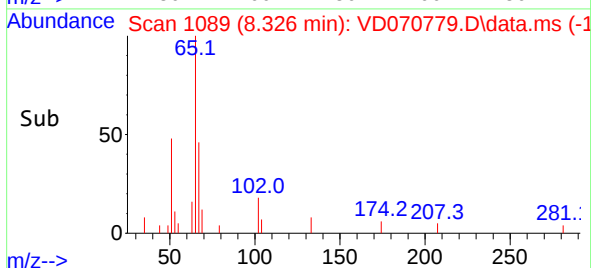
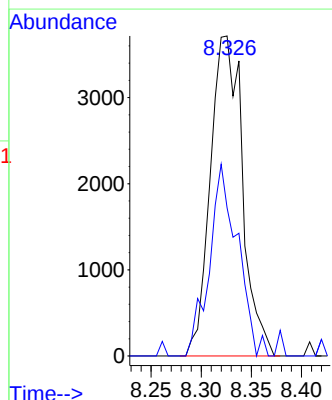
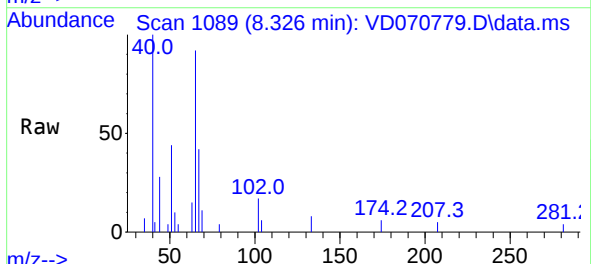
Instrument :
MSVOA_D
ClientSampleId :
16943

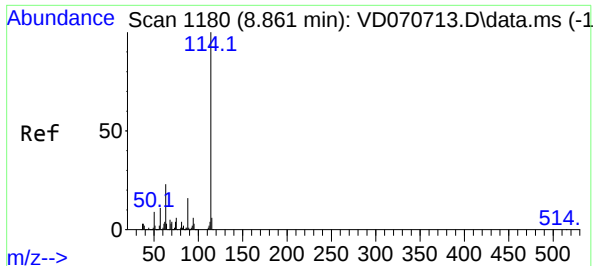
Tgt Ion: 43 Resp: 7513
Ion Ratio Lower Upper
43 100
72 28.8 25.2 37.8



#33
1,2-Dichloroethane-d4
Concen: 89.32 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

Tgt Ion: 65 Resp: 8266
Ion Ratio Lower Upper
65 100
67 52.8 0.0 110.2



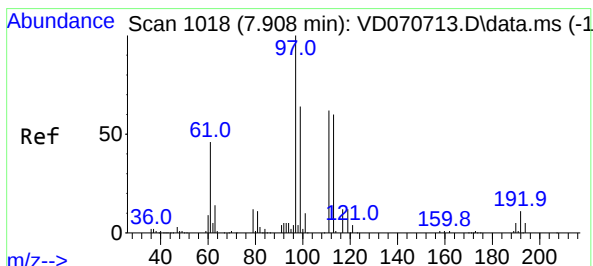
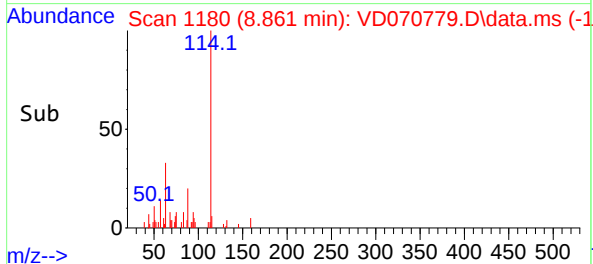
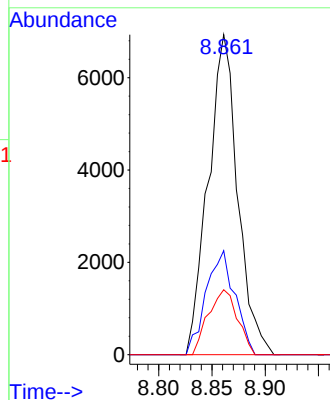
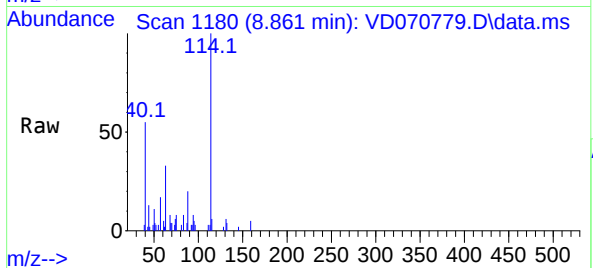


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

Instrument :
MSVOA_D
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16943

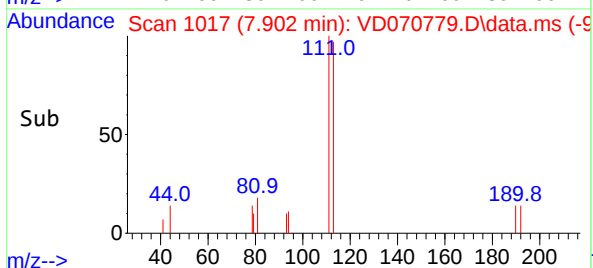
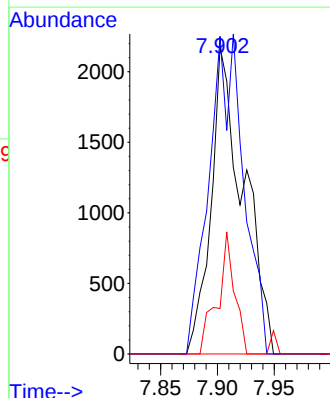
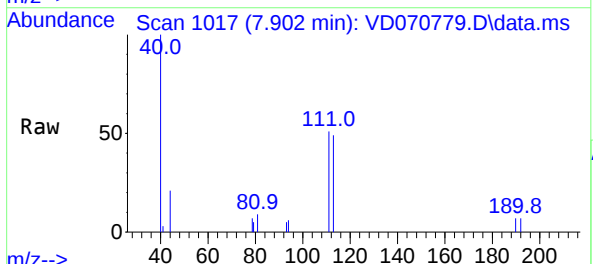
Tgt Ion:114	Resp:	13339
Ion Ratio	Lower	Upper
114	100	
63	32.5	0.0 41.8
88	20.3	0.0 32.6

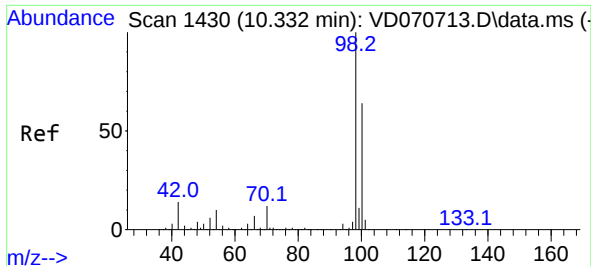


#35

Dibromofluoromethane
Concen: 50.73 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.006 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

Tgt Ion:113	Resp:	4333
Ion Ratio	Lower	Upper
113	100	
111	110.5	83.1 124.7
192	20.9	12.7 19.1#

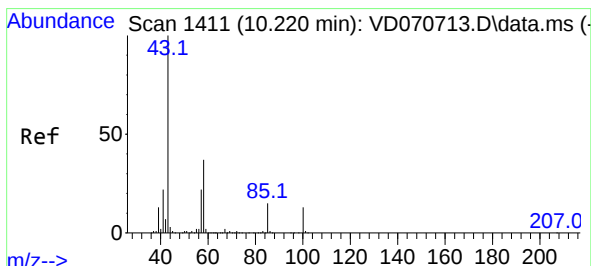
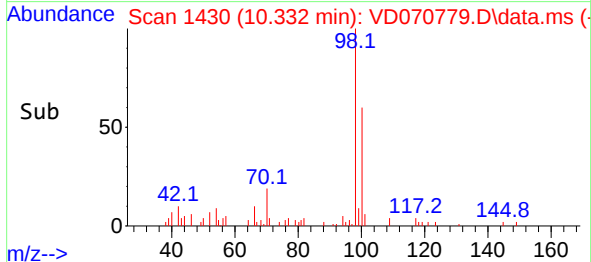
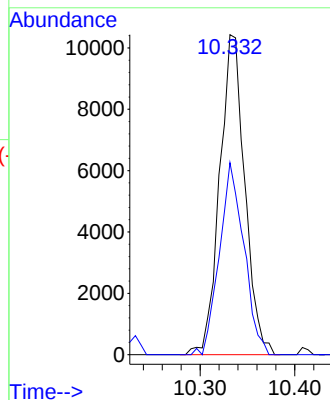
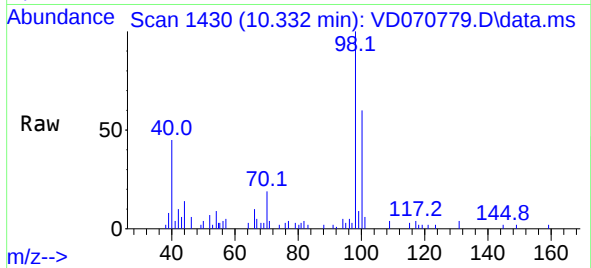




#50
Toluene-d8
Concen: 58.78 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

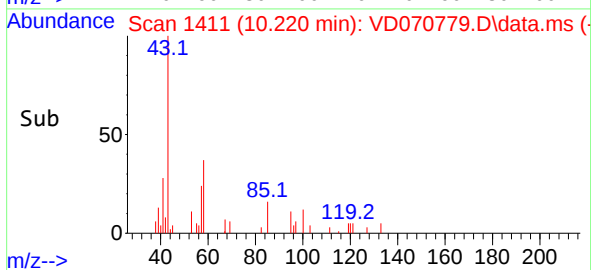
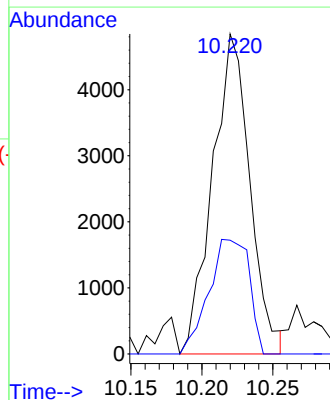
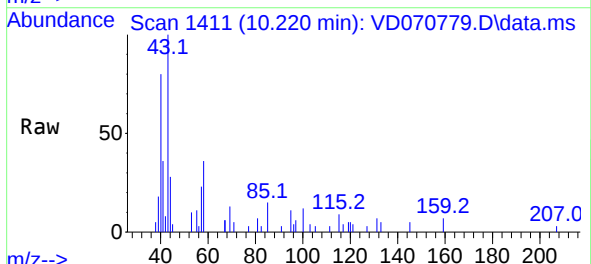
Instrument :
MSVOA_D
ClientSampleId :
16943

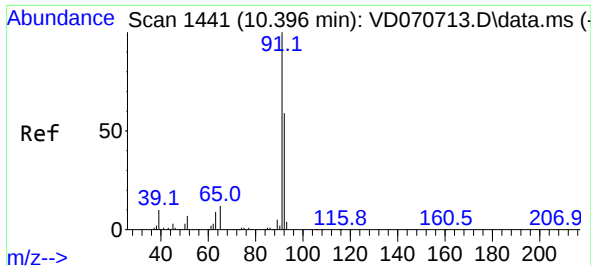
Tgt Ion: 98 Resp: 19244
Ion Ratio Lower Upper
98 100
100 58.4 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 143.44 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

Tgt Ion: 43 Resp: 8879
Ion Ratio Lower Upper
43 100
58 38.6 35.0 52.6

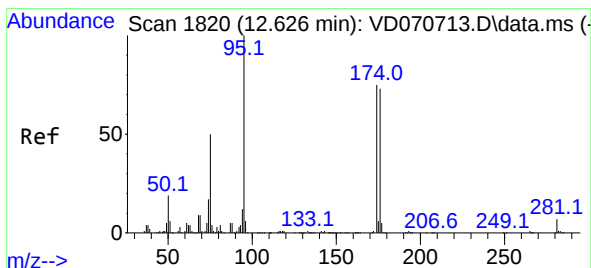
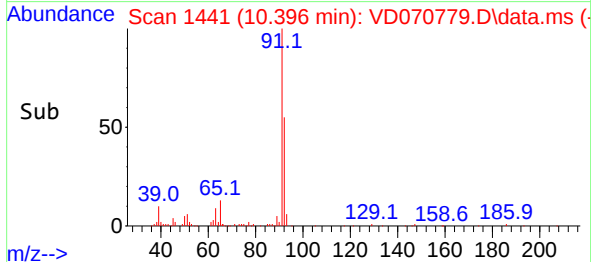
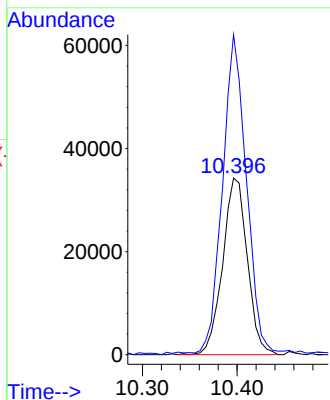
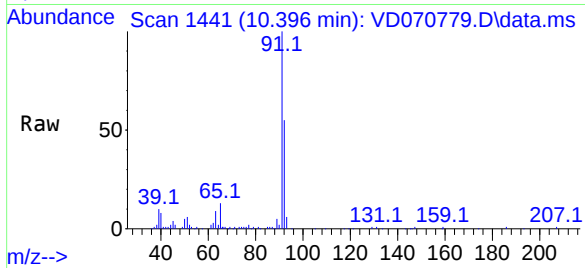




#52
Toluene
Concen: 243.14 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

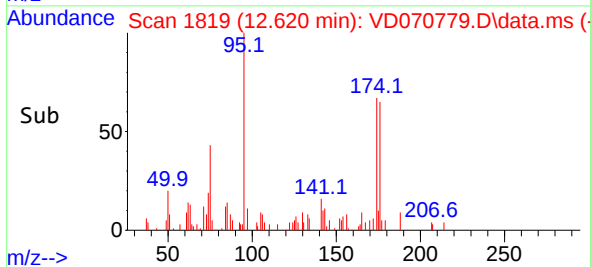
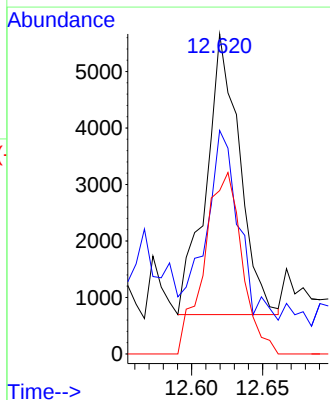
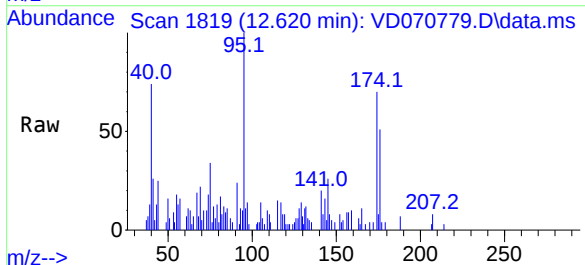
Instrument :
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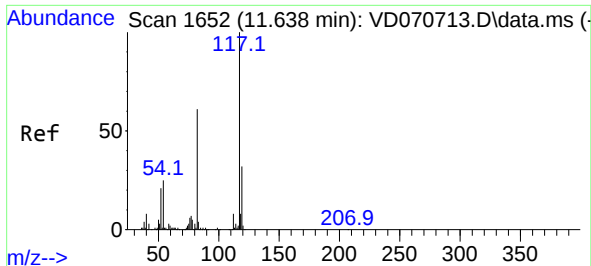
Tgt Ion: 92 Resp: 61951
Ion Ratio Lower Upper
92 100
91 173.9 136.3 204.5



#62
4-Bromofluorobenzene
Concen: 72.58 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

Tgt Ion: 95 Resp: 8182
Ion Ratio Lower Upper
95 100
174 65.5 0.0 138.0
176 72.8 0.0 135.6

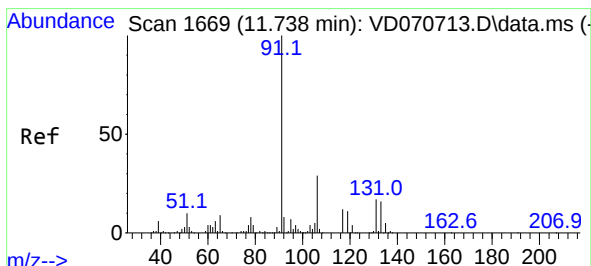
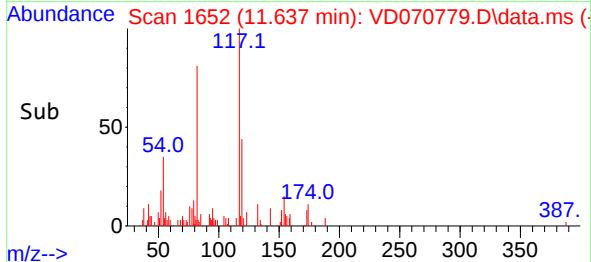
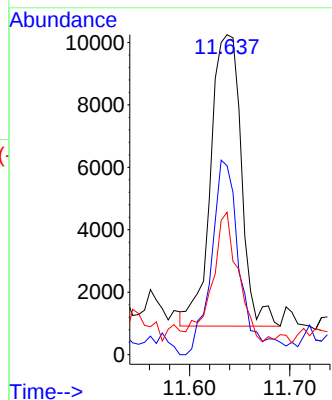
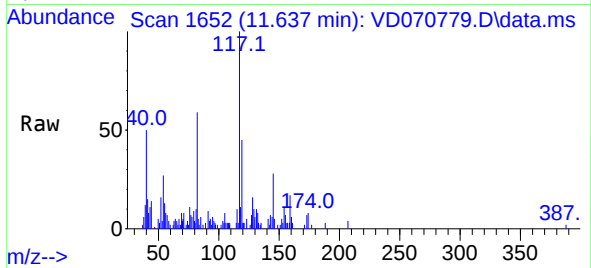




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

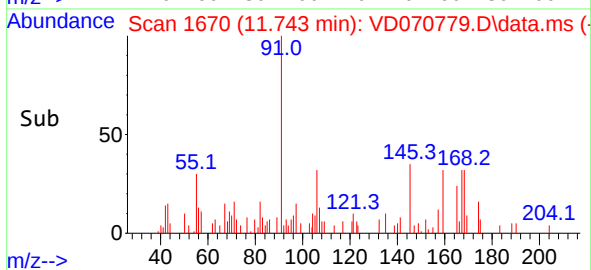
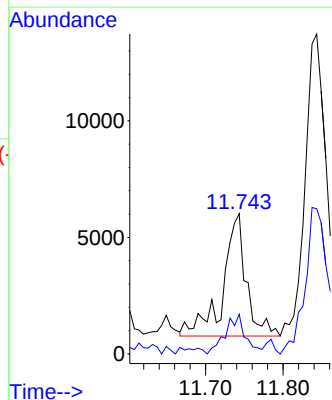
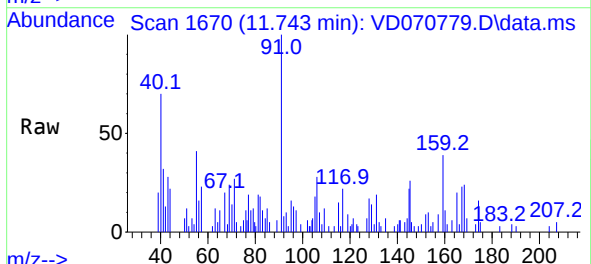
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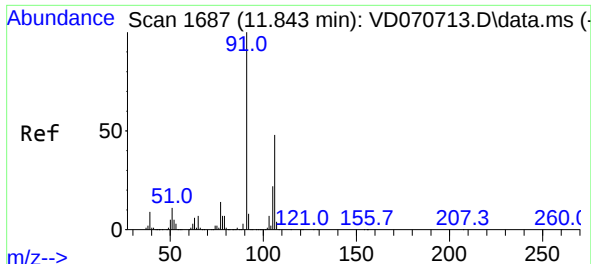
Tgt Ion:117 Resp: 19765
Ion Ratio Lower Upper
117 100
82 64.8 45.4 68.2
119 42.0 24.7 37.1#



#67
Ethyl Benzene
Concen: 14.71 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.006 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

Tgt Ion: 91 Resp: 10899
Ion Ratio Lower Upper
91 100
106 32.5 24.2 36.2

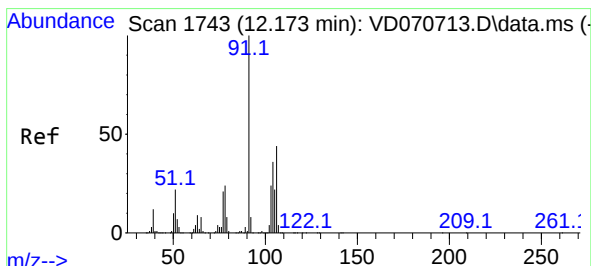
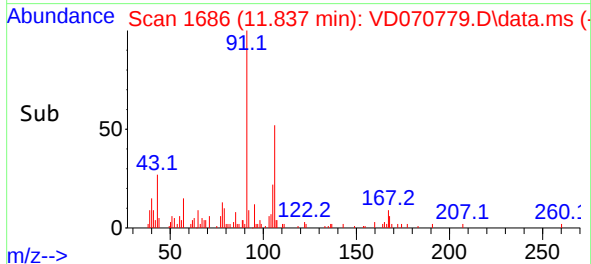
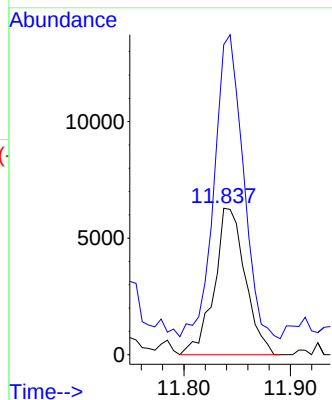
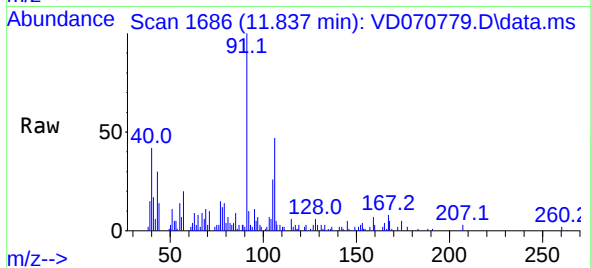




#68
m/p-Xylenes
Concen: 45.12 ug/l
RT: 11.837 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

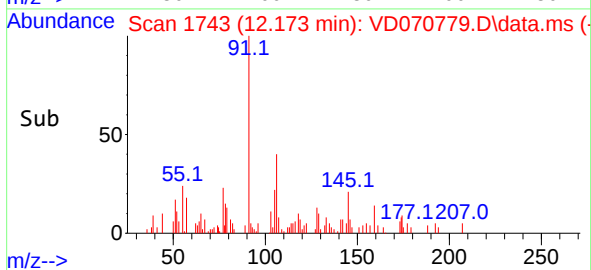
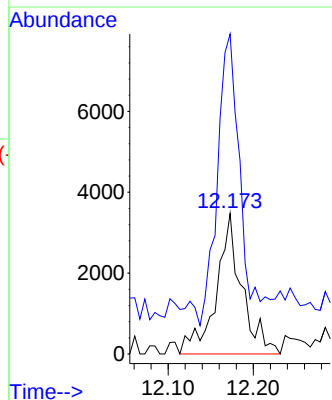
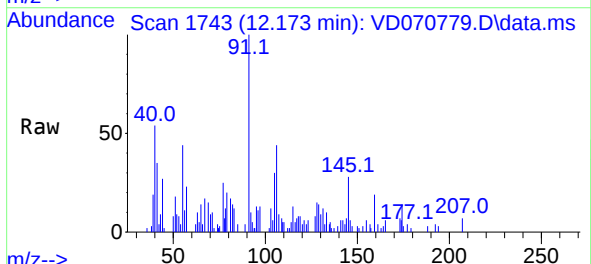
Instrument :
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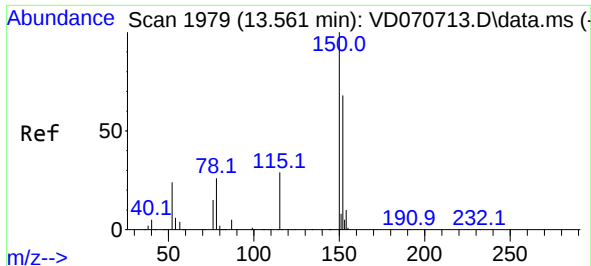
Tgt Ion:106 Resp: 12669
Ion Ratio Lower Upper
106 100
91 194.8 162.7 244.1



#69
o-Xylene
Concen: 28.35 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

Tgt Ion:106 Resp: 7222
Ion Ratio Lower Upper
106 100
91 187.2 107.8 323.6

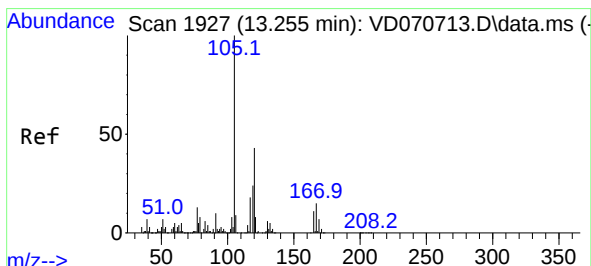
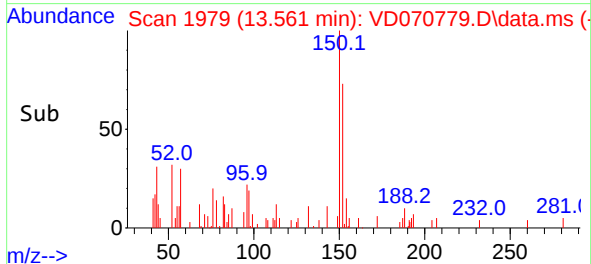
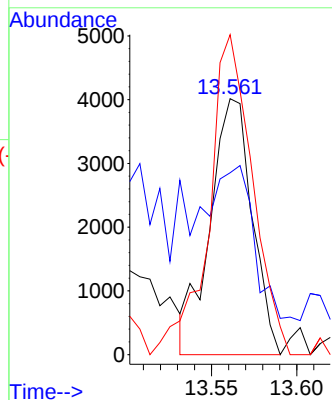
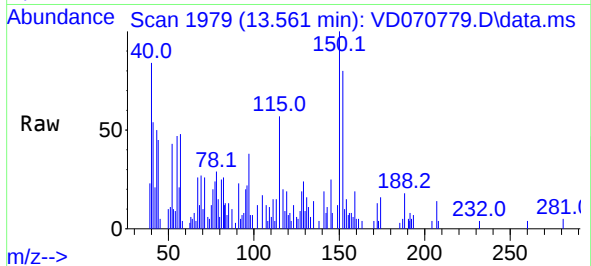




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

Instrument :
MSVOA_D
ClientSampleId :
16943

Tgt Ion:152 Resp: 6907
Ion Ratio Lower Upper
152 100
115 50.5 31.9 95.7
150 129.0 0.0 350.0



#84
1,2,4-Trimethylbenzene
Concen: 33.19 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

Tgt Ion:105 Resp: 13731
Ion Ratio Lower Upper
105 100
120 54.9 21.9 65.8

