

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081921\
 Data File : VD070186.D
 Acq On : 20 Aug 2021 01:50
 Operator : VA/SY
 Sample : M3418-22
 Misc : 3.94G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-17-0306

Quant Time: Aug 20 05:50:24 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)

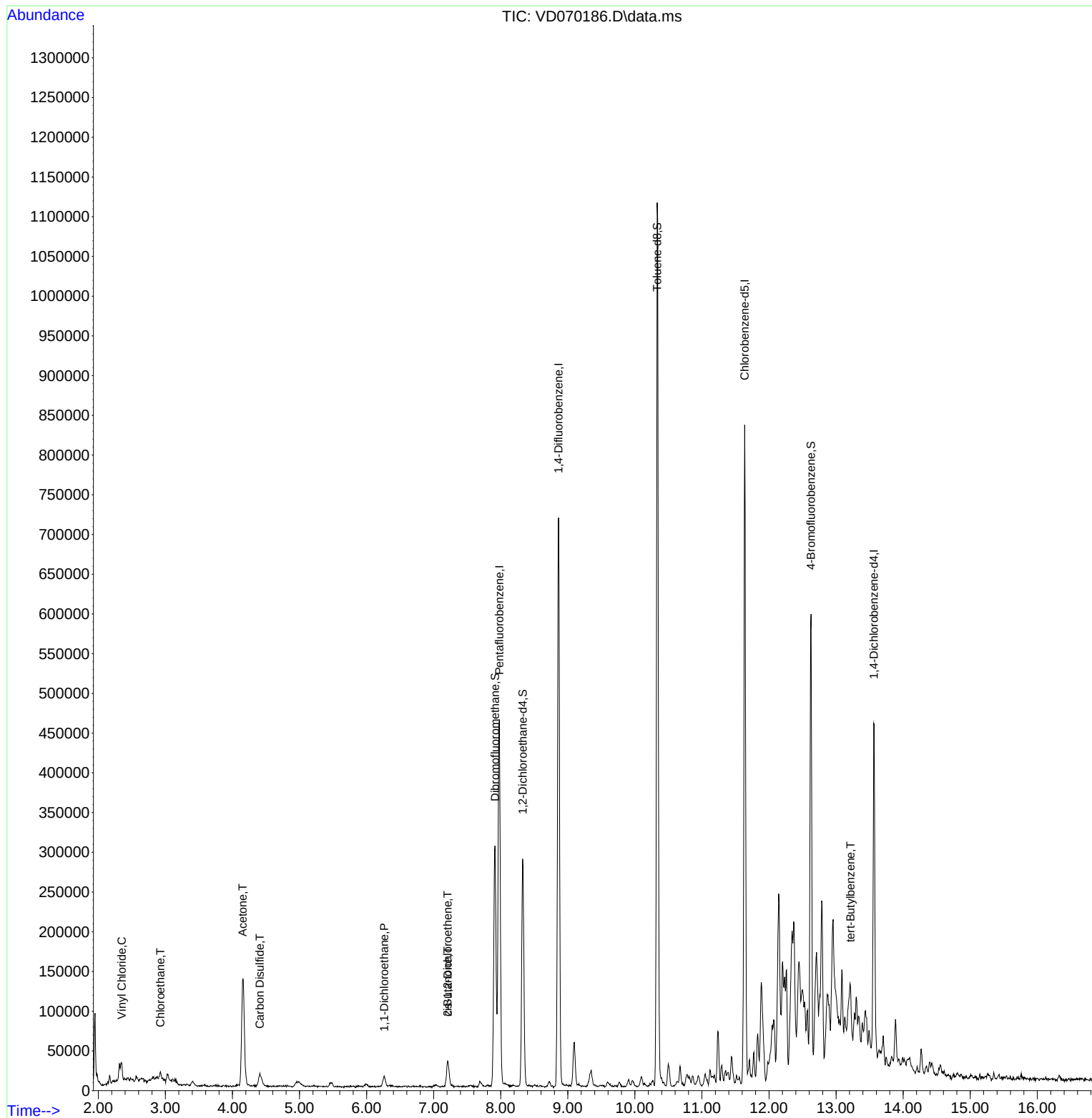
Internal Standards						
1) Pentafluorobenzene	7.979	168	332533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	618817	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	473245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	116506	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	225540	57.666	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.340%			
35) Dibromofluoromethane	7.914	113	223404	55.879	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.760%			
50) Toluene-d8	10.332	98	747292	48.058	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.120%			
62) 4-Bromofluorobenzene	12.626	95	182610	35.654	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 71.300%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.350	62	9713	1.726	ug/l #	85
6) Chloroethane	2.926	64	9049	2.517	ug/l	90
16) Acetone	4.150	43	238298	330.743	ug/l	99
17) Carbon Disulfide	4.409	76	29727	2.081	ug/l #	95
24) 1,1-Dichloroethane	6.261	63	18865	2.224	ug/l #	81
25) 2-Butanone	7.208	43	40171	40.803	ug/l #	83
27) cis-1,2-Dichloroethene	7.208	96	5097	1.046	ug/l	77
83) tert-Butylbenzene	13.214	119	17125	2.913	ug/l	90

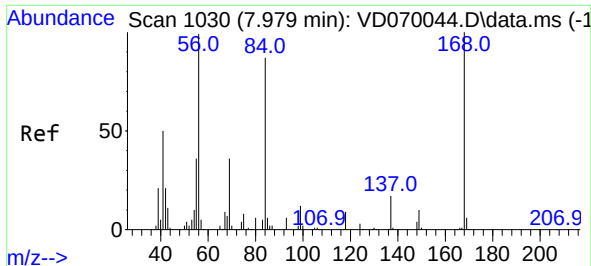
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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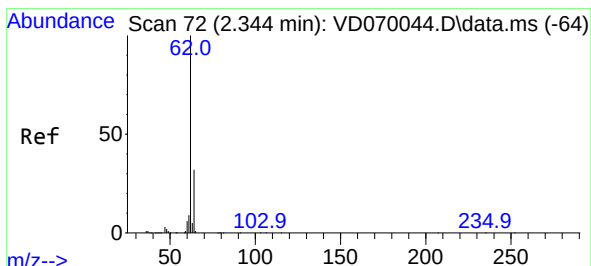
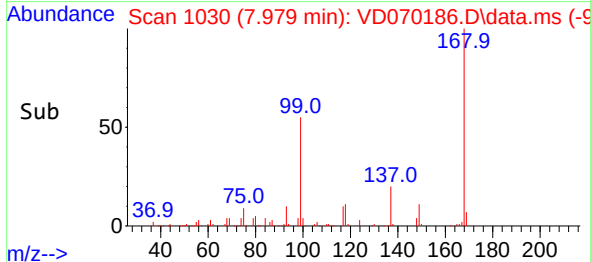
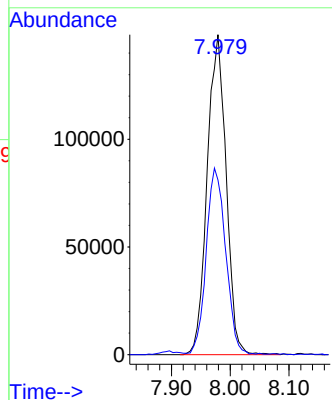
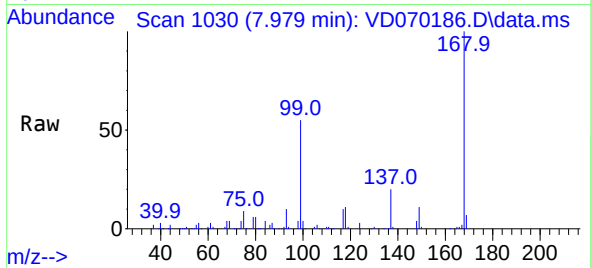




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070186.D
Acq: 20 Aug 2021 01:50

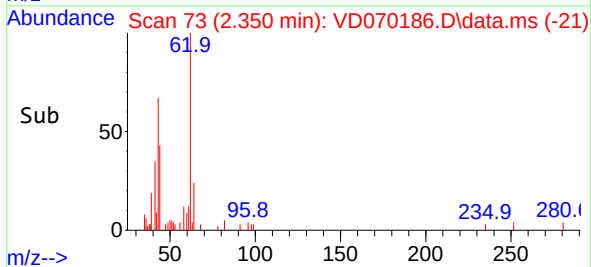
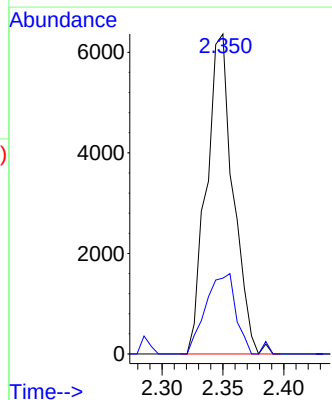
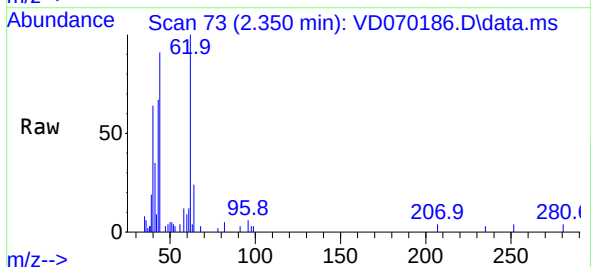
Instrument :
MSVOA_D
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SWCS-17-0306

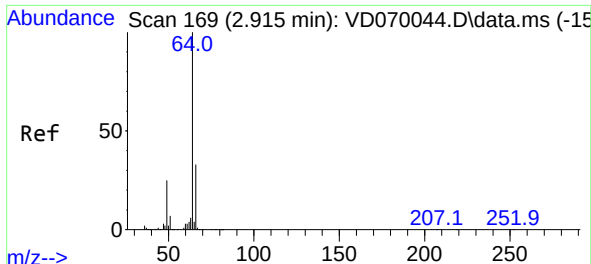
Tgt Ion:168 Resp: 332533
Ion Ratio Lower Upper
168 100
99 54.5 50.3 75.5



#4
Vinyl Chloride
Concen: 1.726 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.006 min
Lab File: VD070186.D
Acq: 20 Aug 2021 01:50

Tgt Ion: 62 Resp: 9713
Ion Ratio Lower Upper
62 100
64 23.7 25.7 38.5#

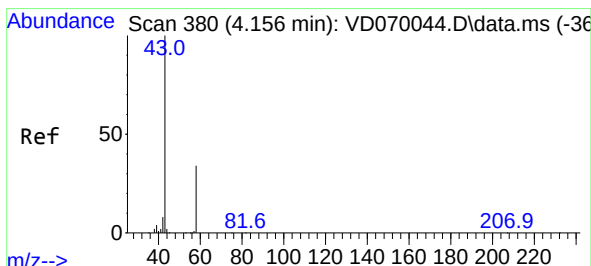
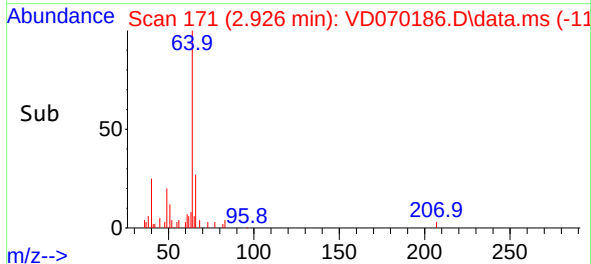
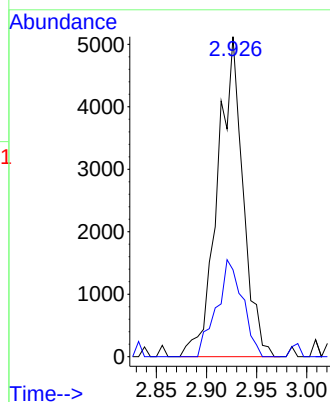
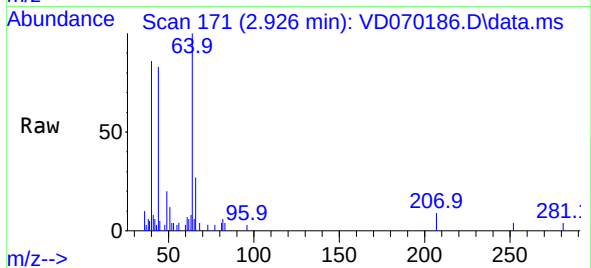




#6
Chloroethane
Concen: 2.517 ug/l
RT: 2.926 min Scan# 171
Delta R.T. 0.012 min
Lab File: VD070186.D
Acq: 20 Aug 2021 01:50

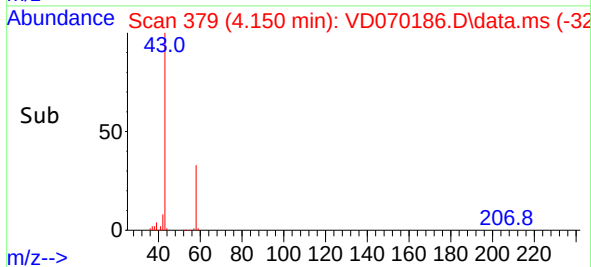
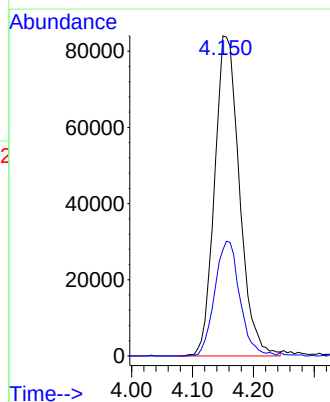
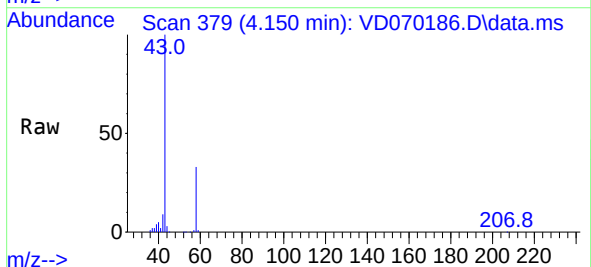
Instrument :
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ClientSampleId :
SWCS-17-0306

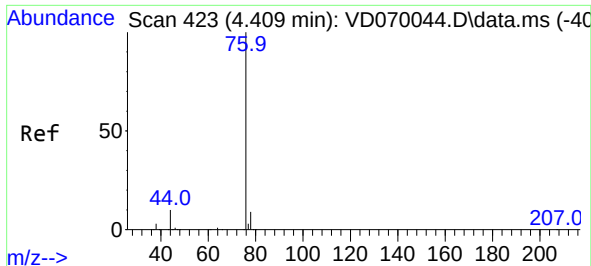
Tgt Ion: 64 Resp: 9049
Ion Ratio Lower Upper
64 100
66 27.2 26.0 39.0



#16
Acetone
Concen: 330.743 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD070186.D
Acq: 20 Aug 2021 01:50

Tgt Ion: 43 Resp: 238298
Ion Ratio Lower Upper
43 100
58 33.1 26.8 40.2

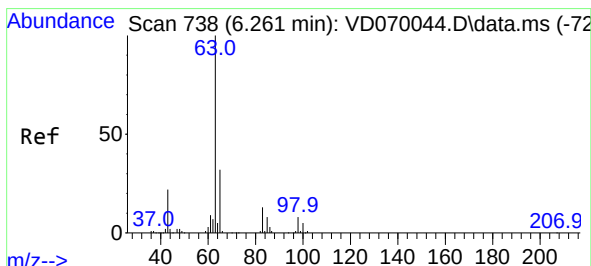
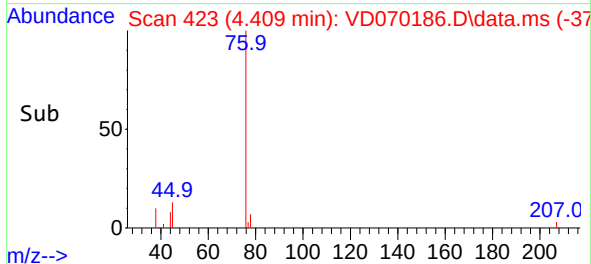
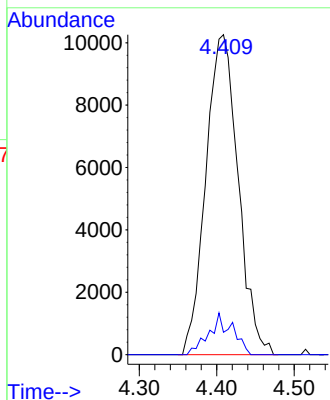
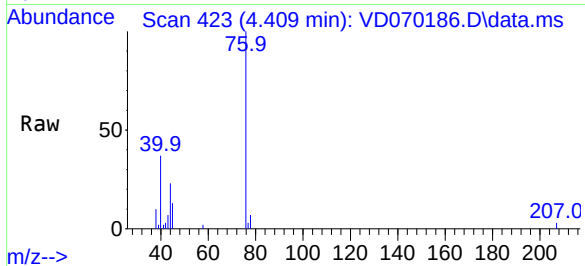




#17
Carbon Disulfide
Concen: 2.081 ug/l
RT: 4.409 min Scan# 423
Delta R.T. 0.000 min
Lab File: VD070186.D
Acq: 20 Aug 2021 01:50

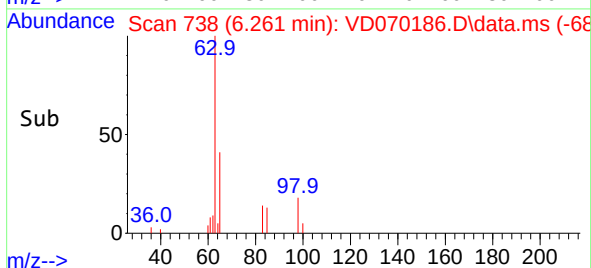
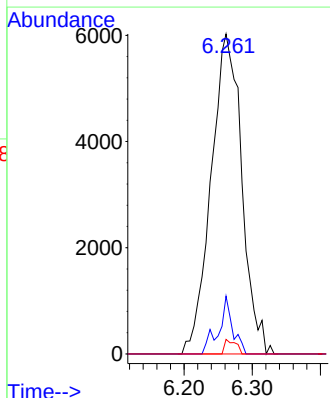
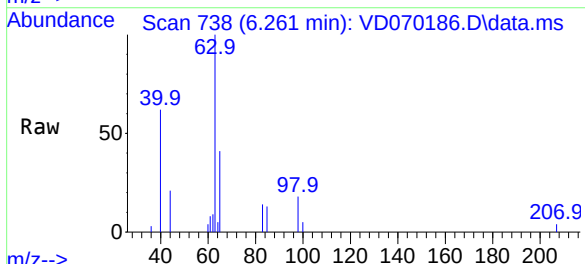
Instrument :
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ClientSampleId :
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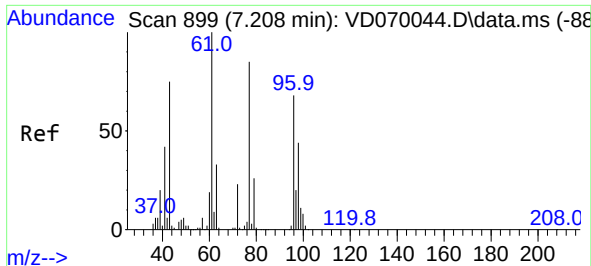
Tgt Ion: 76 Resp: 29727
Ion Ratio Lower Upper
76 100
78 7.0 7.1 10.7#



#24
1,1-Dichloroethane
Concen: 2.224 ug/l
RT: 6.261 min Scan# 738
Delta R.T. 0.000 min
Lab File: VD070186.D
Acq: 20 Aug 2021 01:50

Tgt Ion: 63 Resp: 18865
Ion Ratio Lower Upper
63 100
98 18.1 3.8 11.2#
100 4.6 2.3 6.9

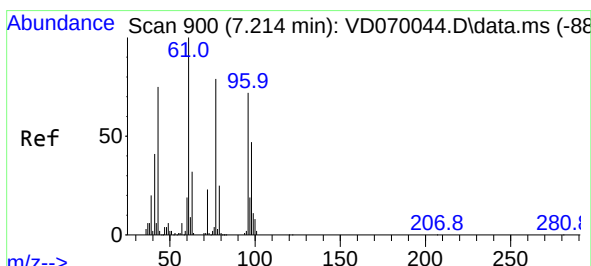
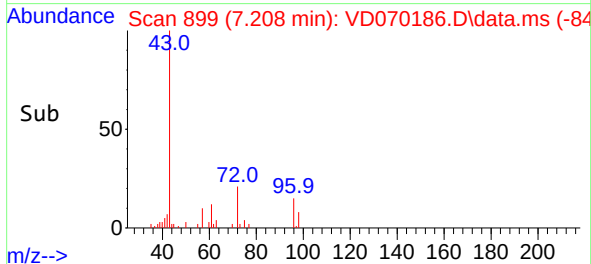
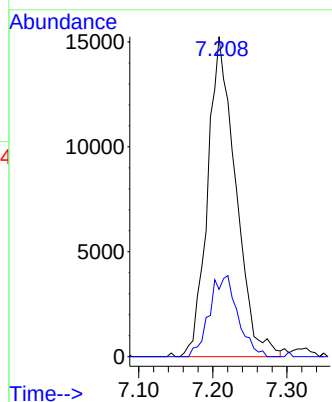
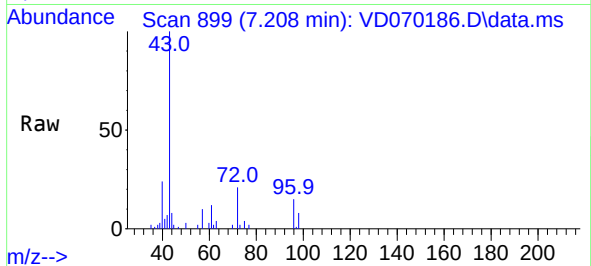




#25
2-Butanone
Concen: 40.803 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD070186.D
Acq: 20 Aug 2021 01:50

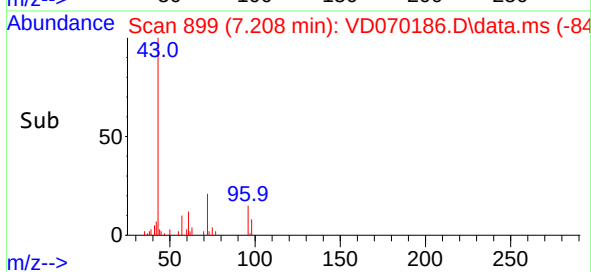
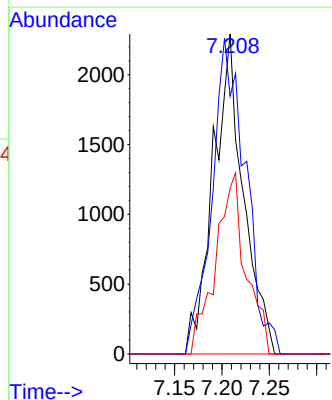
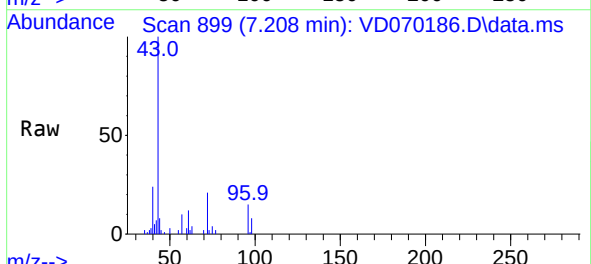
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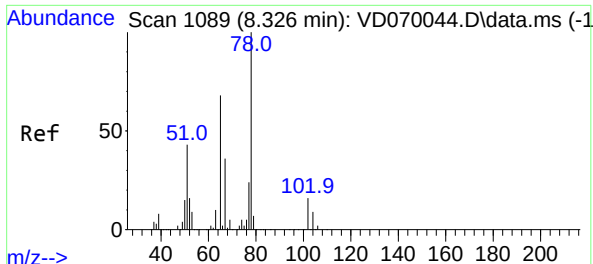
Tgt Ion: 43 Resp: 40171
Ion Ratio Lower Upper
43 100
72 21.0 24.2 36.4#



#27
cis-1,2-Dichloroethene
Concen: 1.046 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD070186.D
Acq: 20 Aug 2021 01:50

Tgt Ion: 96 Resp: 5097
Ion Ratio Lower Upper
96 100
61 109.0 0.0 288.2
98 56.6 0.0 129.6

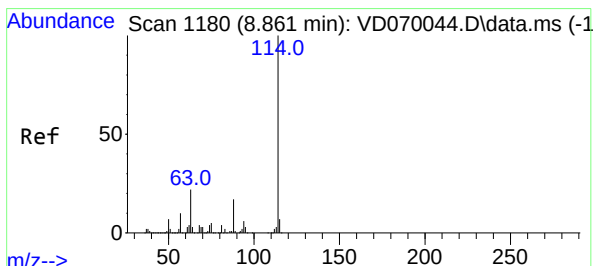
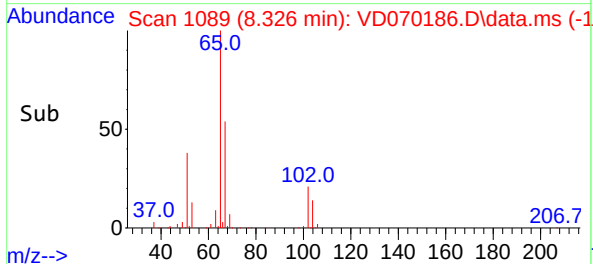
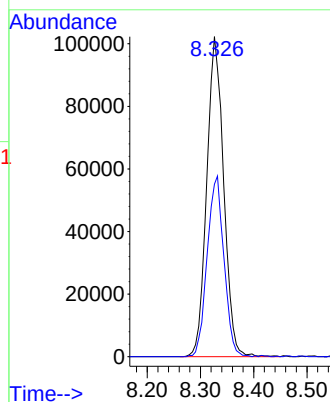
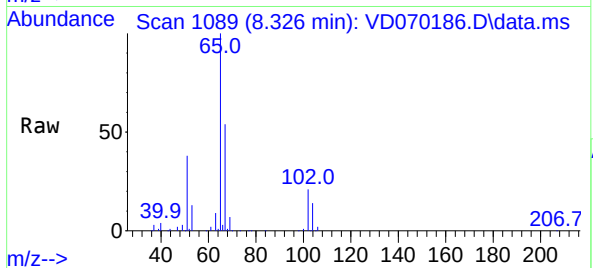




#33
1,2-Dichloroethane-d4
Concen: 57.666 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070186.D
Acq: 20 Aug 2021 01:50

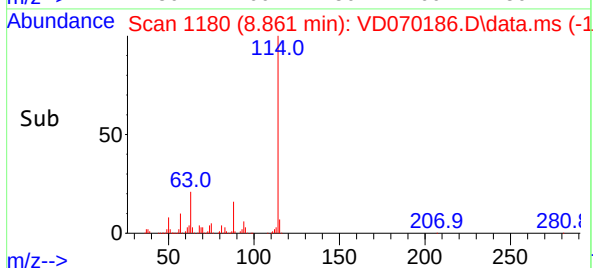
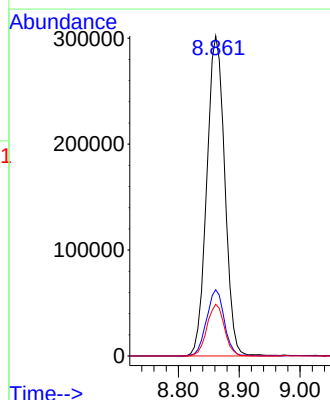
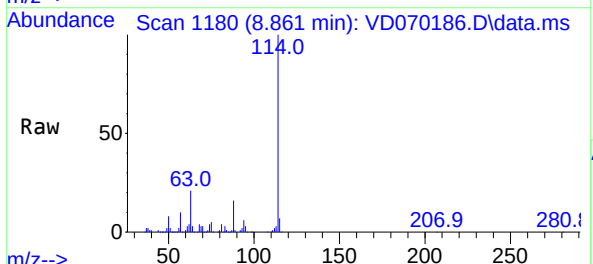
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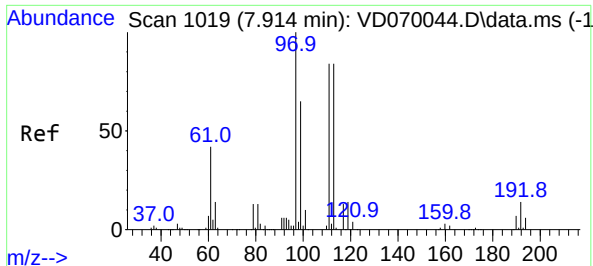
Tgt Ion: 65 Resp: 225540
Ion Ratio Lower Upper
65 100
67 55.8 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070186.D
Acq: 20 Aug 2021 01:50

Tgt Ion:114 Resp: 618817
Ion Ratio Lower Upper
114 100
63 20.7 0.0 43.6
88 16.2 0.0 33.4

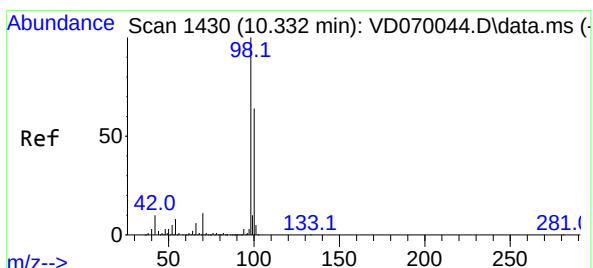
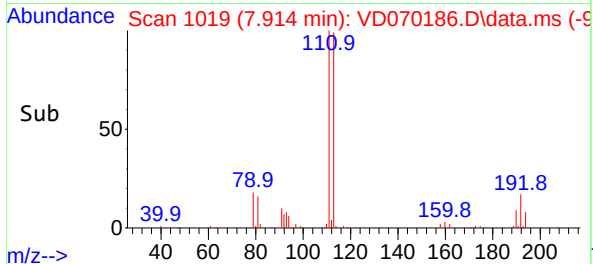
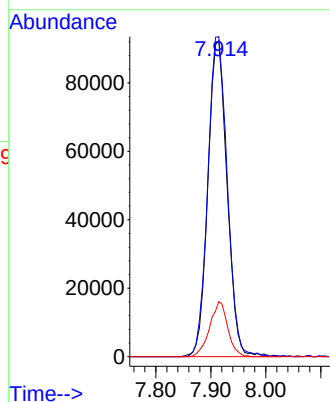
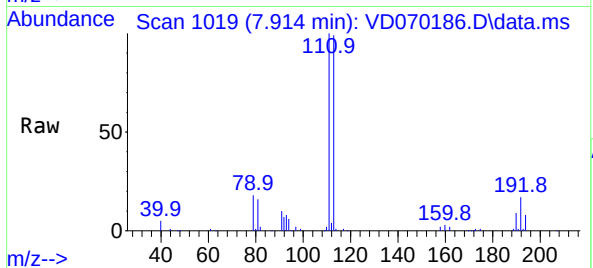




#35
Dibromofluoromethane
Concen: 55.879 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070186.D
Acq: 20 Aug 2021 01:50

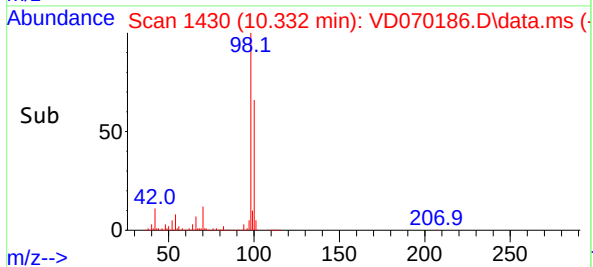
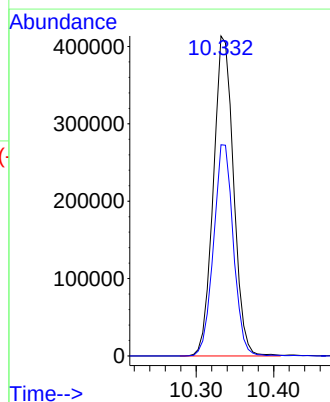
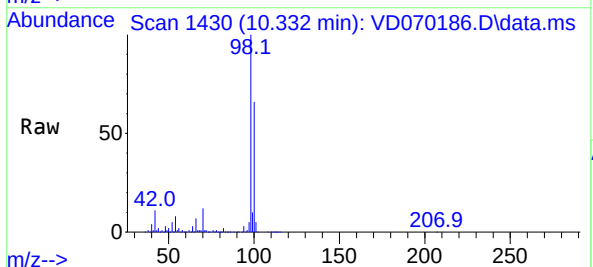
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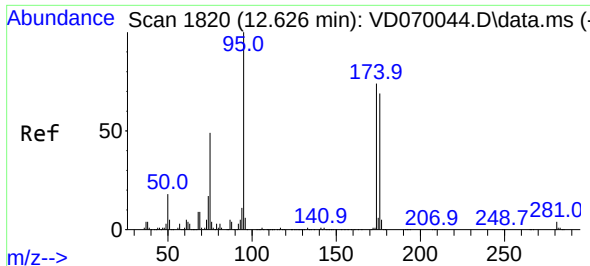
Tgt Ion:113 Resp: 223404
Ion Ratio Lower Upper
113 100
111 103.4 81.8 122.6
192 16.5 13.2 19.8



#50
Toluene-d8
Concen: 48.058 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070186.D
Acq: 20 Aug 2021 01:50

Tgt Ion: 98 Resp: 747292
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8

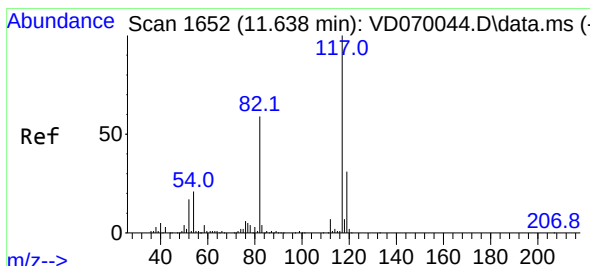
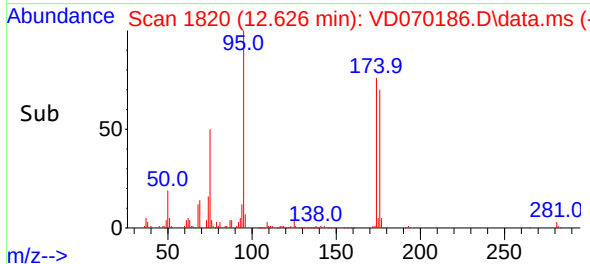
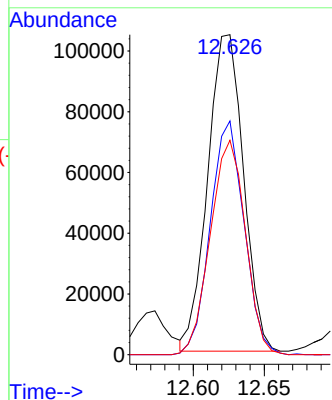
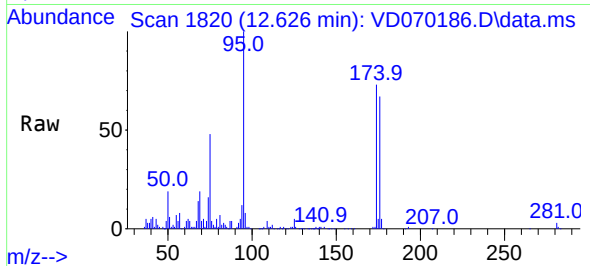




#62
4-Bromofluorobenzene
Concen: 35.654 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070186.D
Acq: 20 Aug 2021 01:50

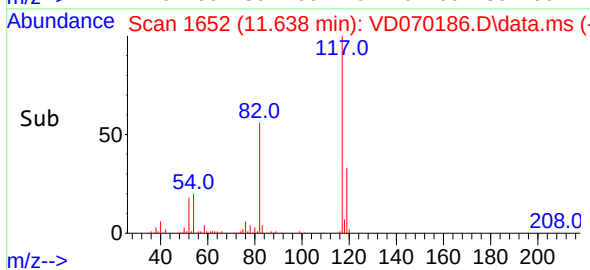
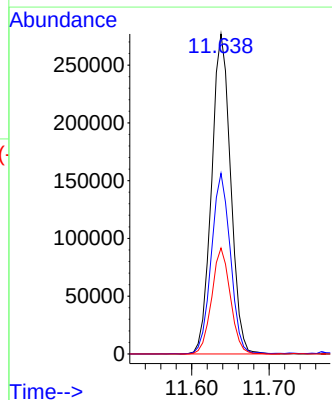
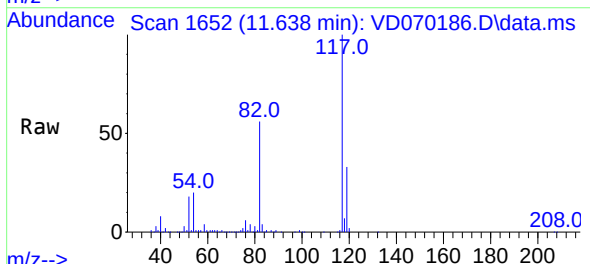
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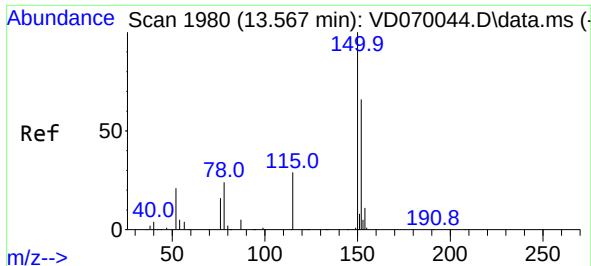
Tgt Ion: 95 Resp: 182610
Ion Ratio Lower Upper
95 100
174 69.9 0.0 141.6
176 66.5 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070186.D
Acq: 20 Aug 2021 01:50

Tgt Ion: 117 Resp: 473245
Ion Ratio Lower Upper
117 100
82 56.5 47.5 71.3
119 33.1 25.1 37.7

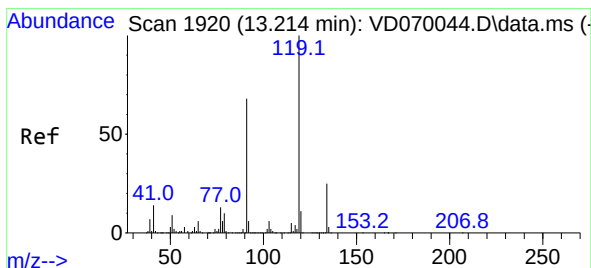
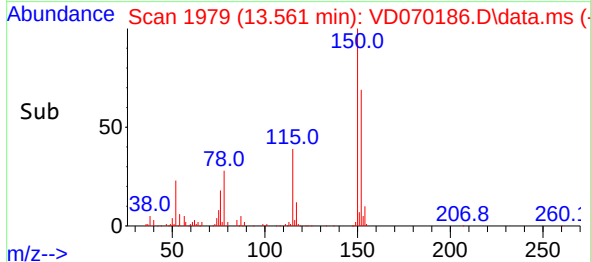
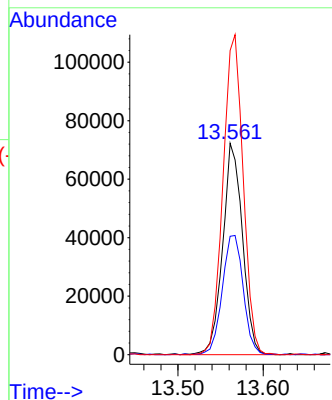
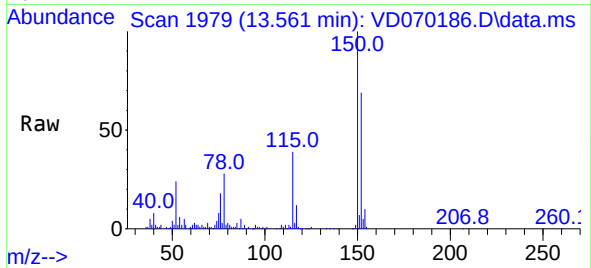




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070186.D
Acq: 20 Aug 2021 01:50

Instrument :
MSVOA_D
ClientSampleId :
SWCS-17-0306

Tgt Ion:152 Resp: 116506
Ion Ratio Lower Upper
152 100
115 60.0 31.2 93.6
150 154.0 0.0 352.0



#83
tert-Butylbenzene
Concen: 2.913 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD070186.D
Acq: 20 Aug 2021 01:50

Tgt Ion:119 Resp: 17125
Ion Ratio Lower Upper
119 100
91 77.1 34.0 101.8
134 22.8 13.2 39.6

