

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040121\
 Data File : VD068762.D
 Acq On : 01 Apr 2021 16:57
 Operator : VA/SY
 Sample : M1888-05
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

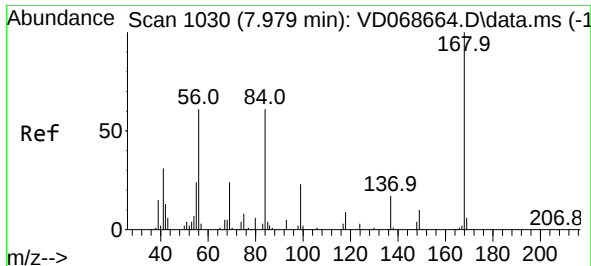
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3D1-(4-7.5)

Quant Time: Apr 02 01:05:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	313141	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	561782	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	579079	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	284200	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	155379	49.21	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 98.42%			
35) Dibromofluoromethane	7.914	113	179375	51.32	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.64%			
50) Toluene-d8	10.338	98	712786	52.89	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.78%			
62) 4-Bromofluorobenzene	12.632	95	255945	58.58	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 117.16%			
Target Compounds						
20) Methylene Chloride	4.967	84	20545	Below Cal		88
31) Cyclohexane	7.979	56	6887	1.35 ug/l #		49
36) 1,1-Dichloropropene	7.979	75	24249	4.83 ug/l #		48
38) Carbon Tetrachloride	7.979	117	31999	6.39 ug/l #		18
51) 4-Methyl-2-Pentanone	10.343	43	2893	1.83 ug/l #		1
71) Bromoform	12.626	173	2430	1.12 ug/l #		1
76) 1,2,3-Trichloropropane	12.632	75	127781	54.02 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.632	75	127781	122.90 ug/l #		16

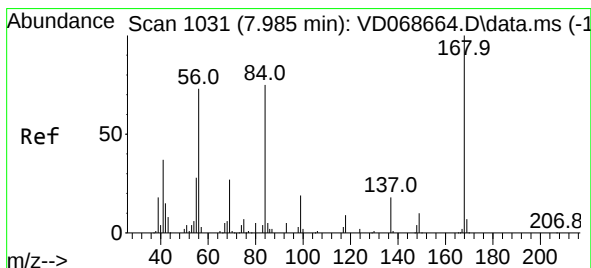
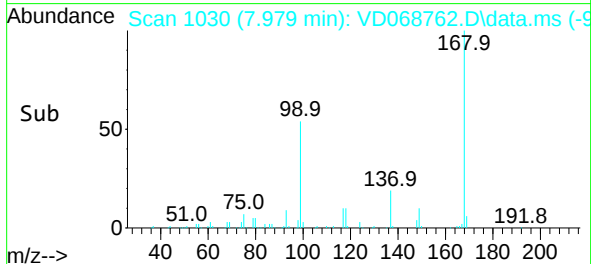
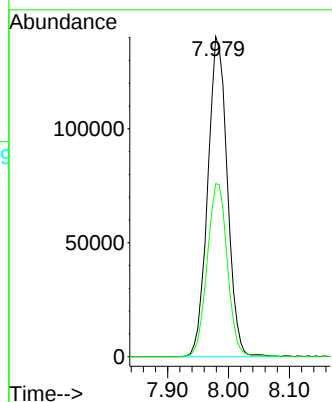
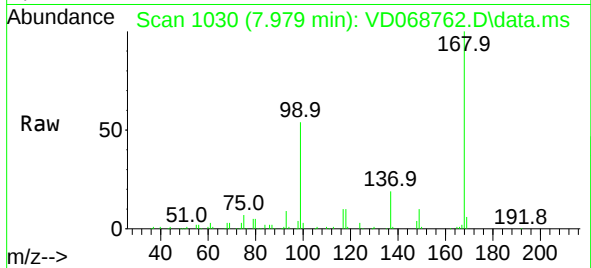
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068762.D
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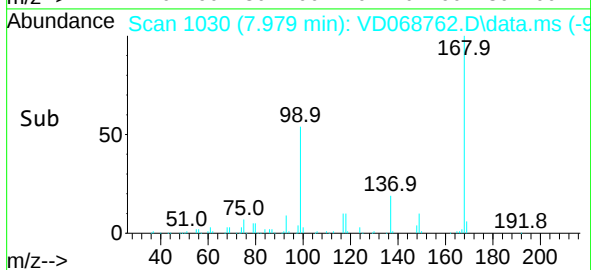
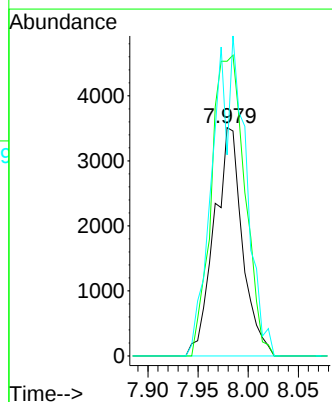
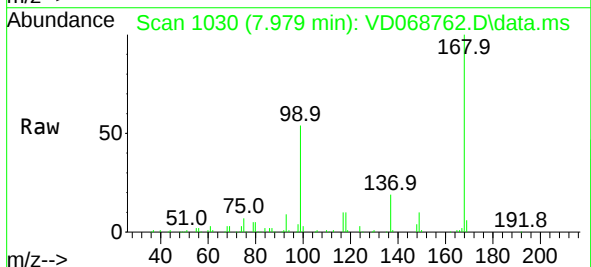
Instrument :
MSVOA_D
ClientSampleId :
TP-3D1-(4-7.5)

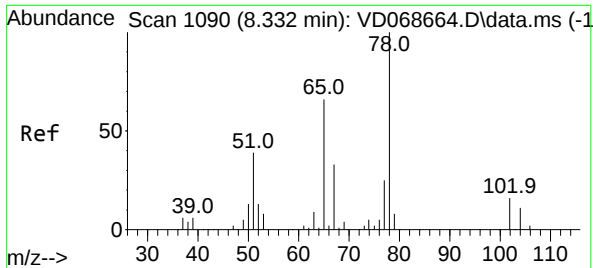
Tgt Ion:168 Resp: 313141
Ion Ratio Lower Upper
168 100
99 54.1 46.2 69.2



#31
Cyclohexane
Concen: 1.35 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068762.D
Acq: 01 Apr 2021 16:57

Tgt Ion: 56 Resp: 6887
Ion Ratio Lower Upper
56 100
69 129.1 30.0 45.0#
84 88.1 82.0 123.0

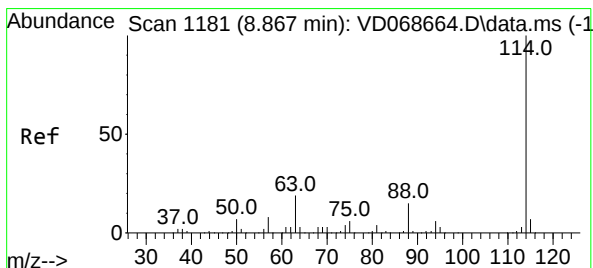
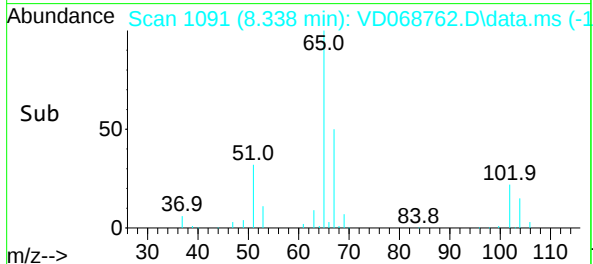
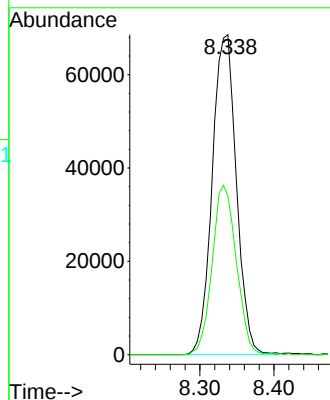
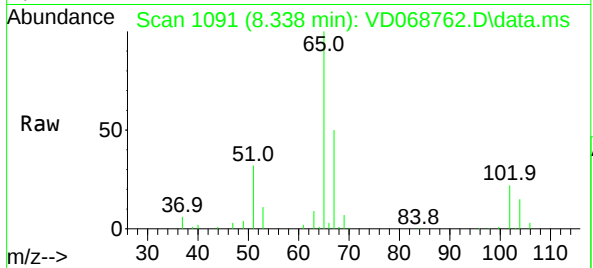




#33
1,2-Dichloroethane-d4
Concen: 49.21 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068762.D
Acq: 01 Apr 2021 16:57

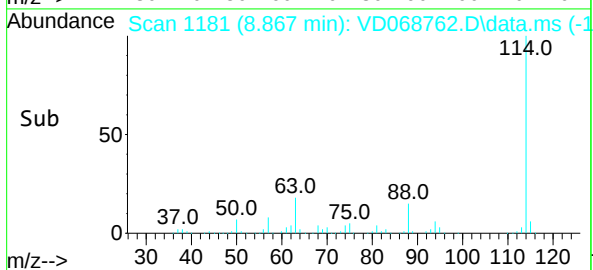
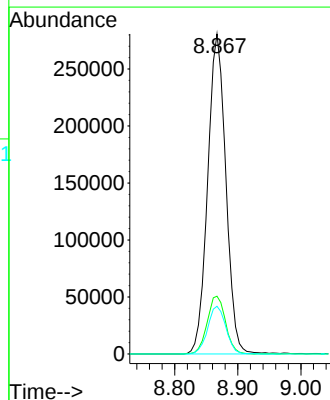
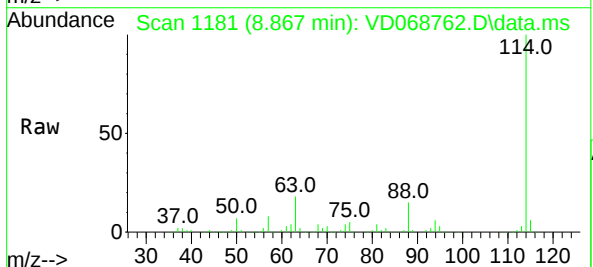
Instrument :
MSVOA_D
ClientSampleId :
TP-3D1-(4-7.5)

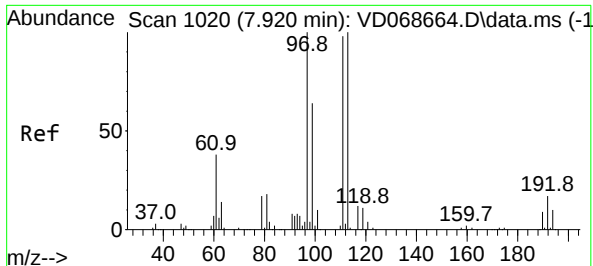
Tgt Ion: 65 Resp: 155379
Ion Ratio Lower Upper
65 100
67 52.9 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068762.D
Acq: 01 Apr 2021 16:57

Tgt Ion: 114 Resp: 561782
Ion Ratio Lower Upper
114 100
63 18.1 0.0 38.2
88 14.9 0.0 29.4





#35

Dibromofluoromethane

Concen: 51.32 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068762.D

Acq: 01 Apr 2021 16:57

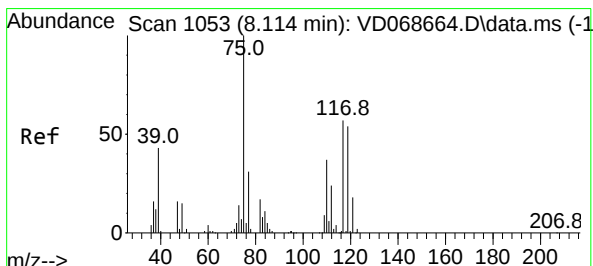
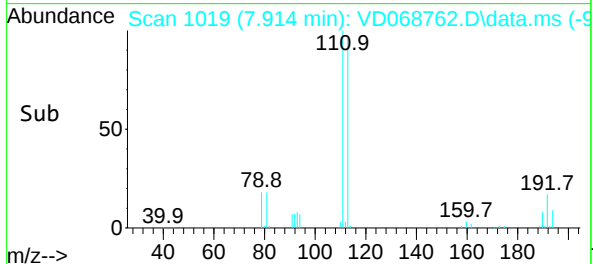
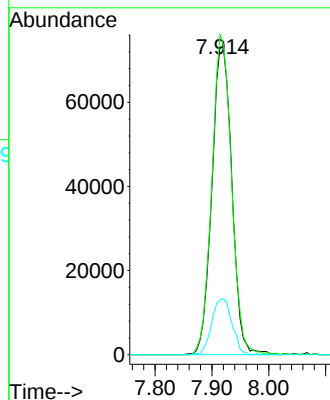
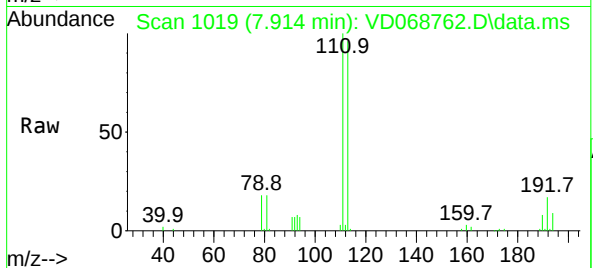
Tgt Ion:113 Resp: 179375

Ion Ratio Lower Upper

113 100

111 102.1 82.5 123.7

192 18.3 15.1 22.7



#36

1,1-Dichloropropene

Concen: 4.83 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD068762.D

Acq: 01 Apr 2021 16:57

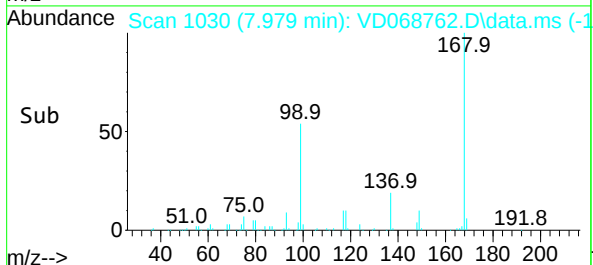
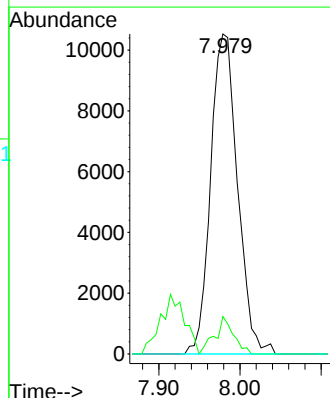
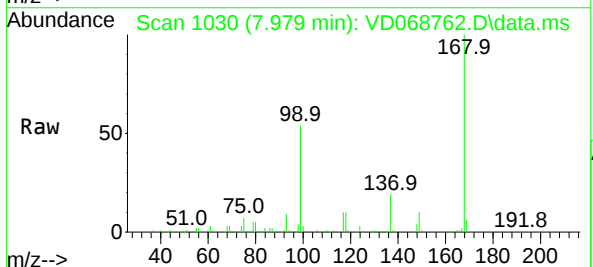
Tgt Ion: 75 Resp: 24249

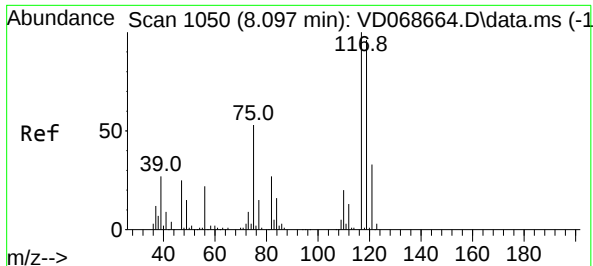
Ion Ratio Lower Upper

75 100

110 8.1 18.1 54.4#

77 0.0 24.7 37.1#

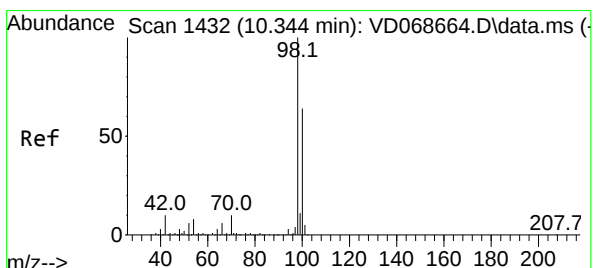
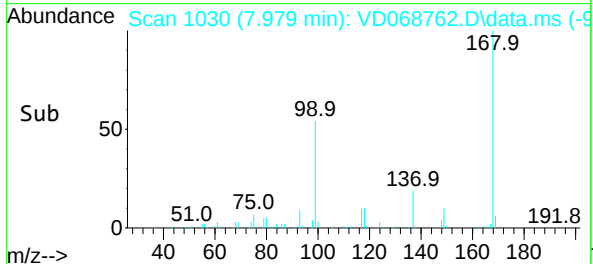
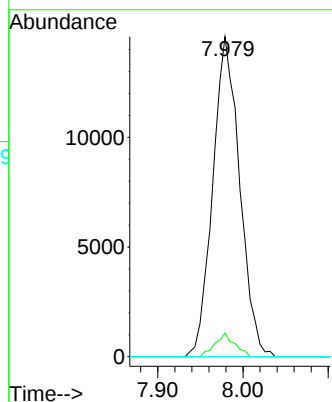
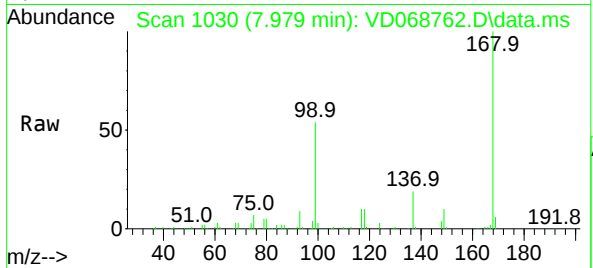




#38
Carbon Tetrachloride
Concen: 6.39 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068762.D
Acq: 01 Apr 2021 16:57

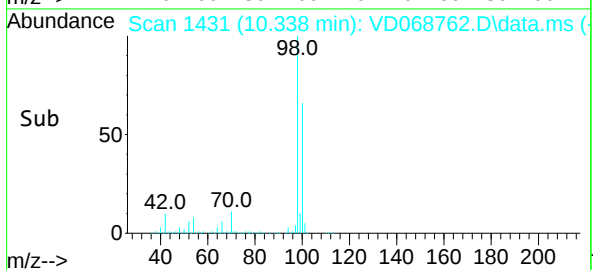
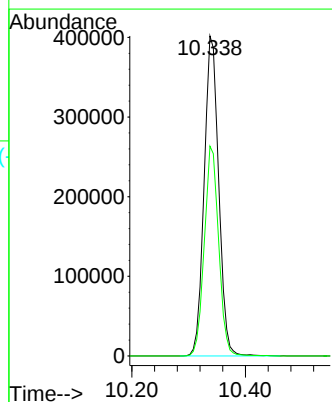
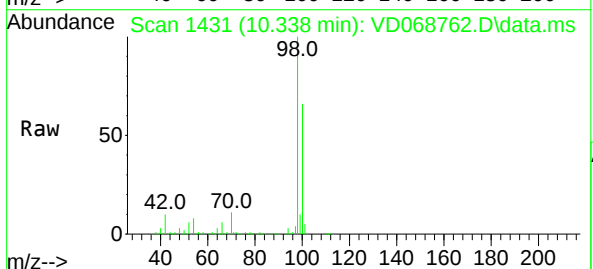
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MSVOA_D
ClientSampleId :
TP-3D1-(4-7.5)

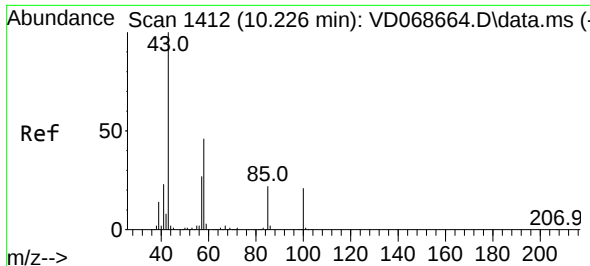
Tgt Ion:117 Resp: 31999
Ion Ratio Lower Upper
117 100
119 7.3 76.6 115.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 52.89 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068762.D
Acq: 01 Apr 2021 16:57

Tgt Ion: 98 Resp: 712786
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6

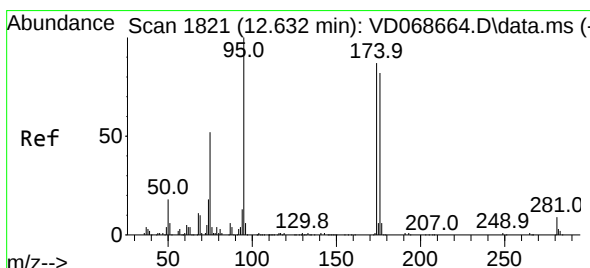
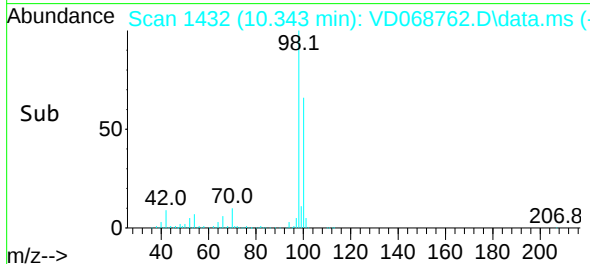
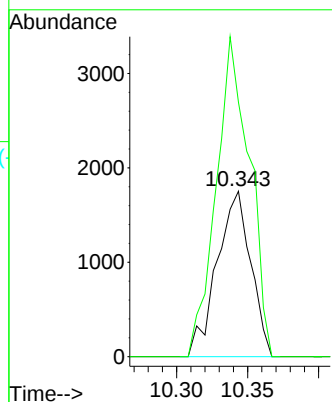
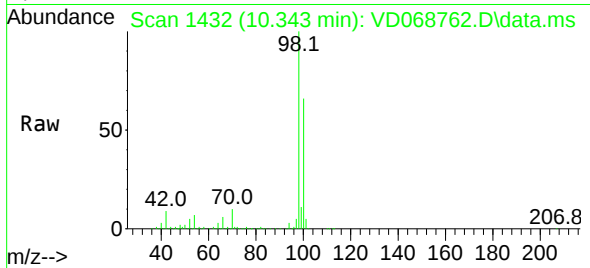




#51
4-Methyl-2-Pentanone
Concen: 1.83 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.117 min
Lab File: VD068762.D
Acq: 01 Apr 2021 16:57

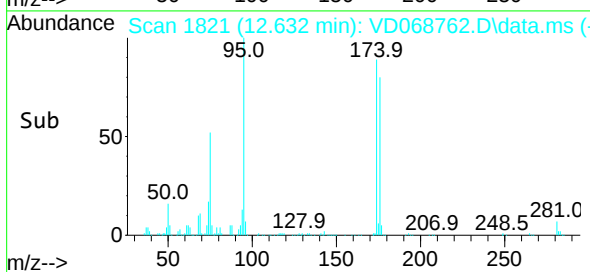
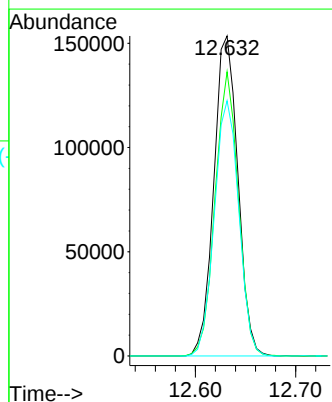
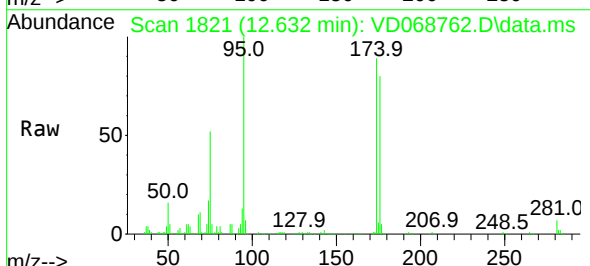
Instrument :
MSVOA_D
ClientSampleId :
TP-3D1-(4-7.5)

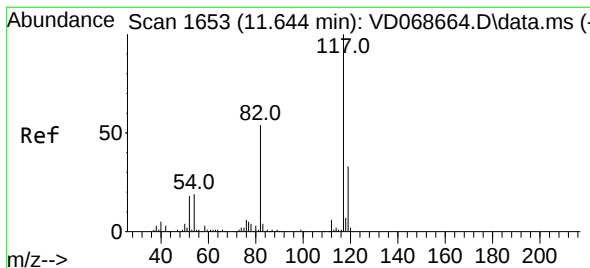
Tgt Ion: 43 Resp: 2893
Ion Ratio Lower Upper
43 100
58 191.7 37.3 55.9#



#62
4-Bromofluorobenzene
Concen: 58.58 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068762.D
Acq: 01 Apr 2021 16:57

Tgt Ion: 95 Resp: 255945
Ion Ratio Lower Upper
95 100
174 85.6 0.0 168.0
176 80.9 0.0 160.2

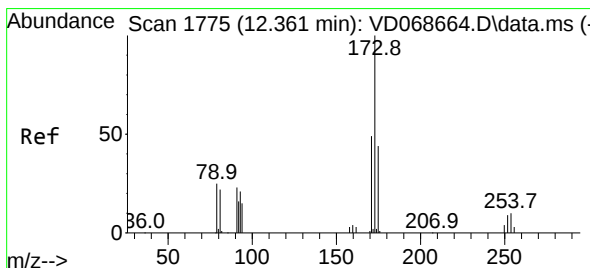
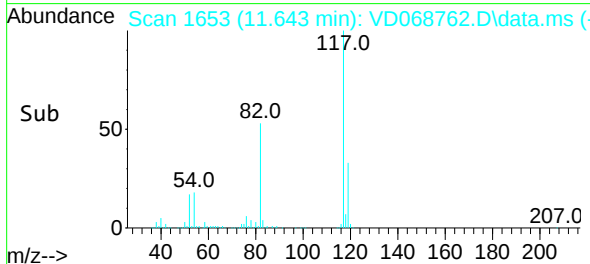
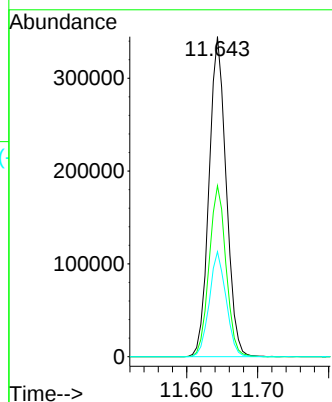
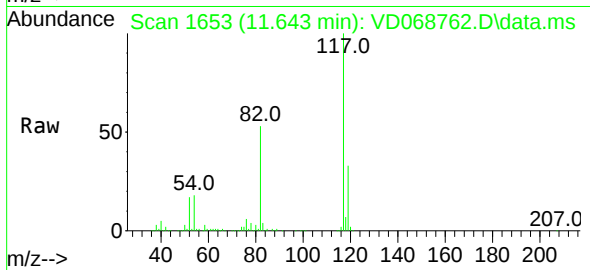




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD068762.D
Acq: 01 Apr 2021 16:57

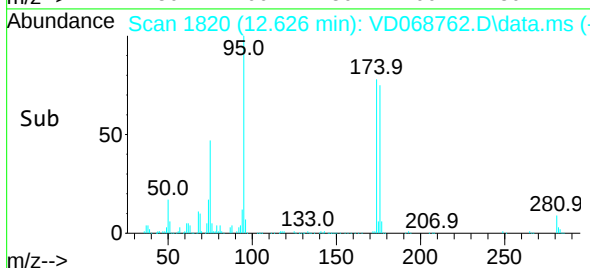
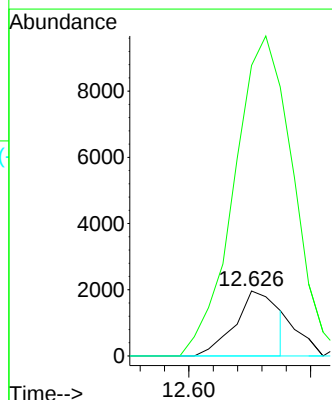
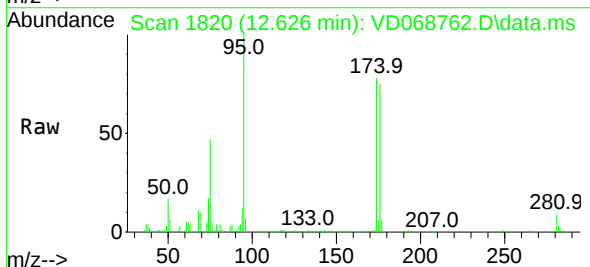
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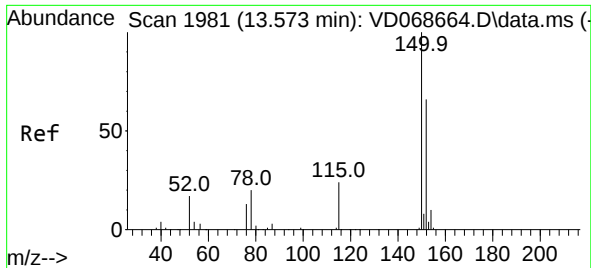
Tgt Ion:117 Resp: 579079
Ion Ratio Lower Upper
117 100
82 53.4 43.5 65.3
119 32.8 26.7 40.1



#71
Bromoform
Concen: 1.12 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.265 min
Lab File: VD068762.D
Acq: 01 Apr 2021 16:57

Tgt Ion:173 Resp: 2430
Ion Ratio Lower Upper
173 100
175 542.6 23.6 71.0#
254 0.0 0.0 0.0

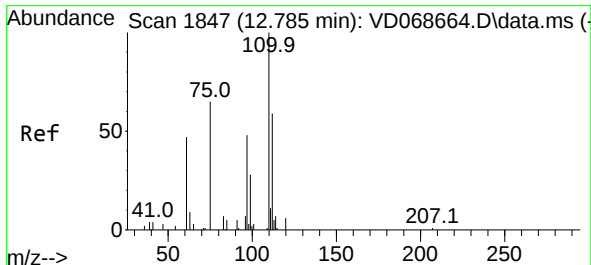
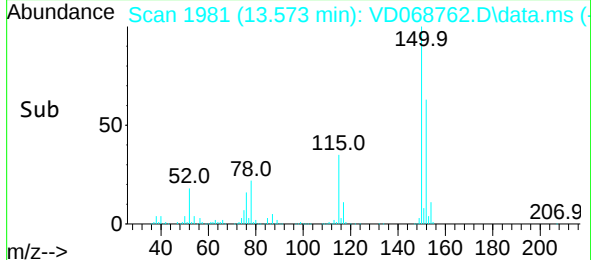
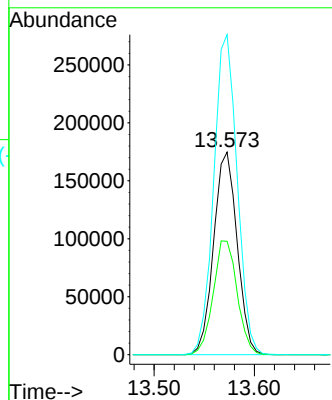
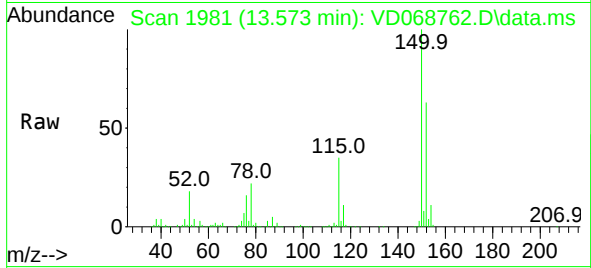




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. -0.000 min
 Lab File: VD068762.D
 Acq: 01 Apr 2021 16:57

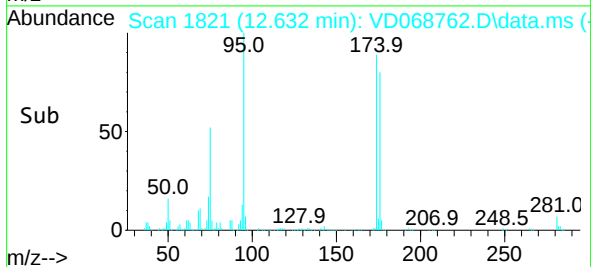
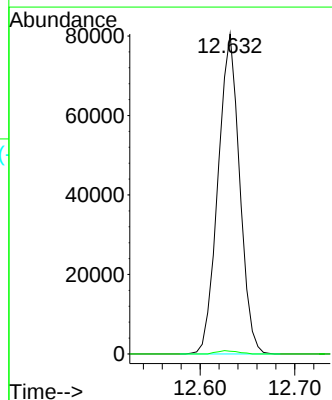
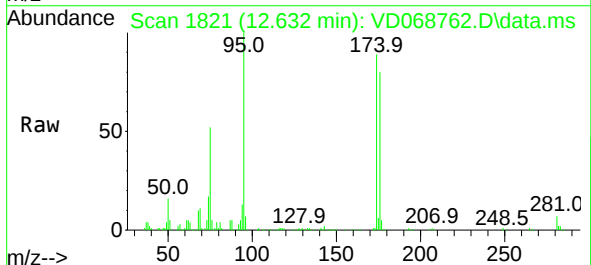
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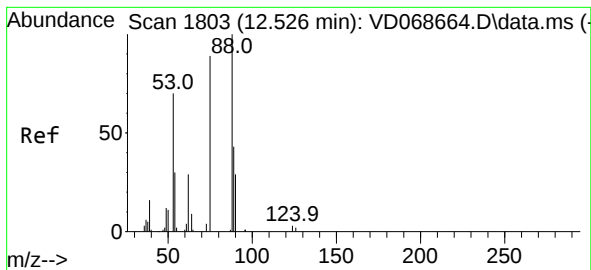
Tgt Ion:152 Resp: 284200
 Ion Ratio Lower Upper
 152 100
 115 57.4 29.3 87.8
 150 157.5 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 54.02 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. -0.153 min
 Lab File: VD068762.D
 Acq: 01 Apr 2021 16:57

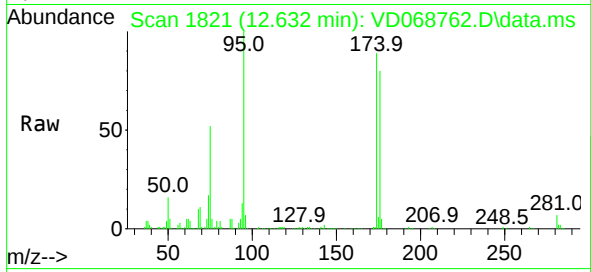
Tgt Ion: 75 Resp: 127781
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 122.90 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068762.D
 Acq: 01 Apr 2021 16:57

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3D1-(4-7.5)



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	66.8	100.2#
89	0.1	36.6	54.8#

