

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041921\
 Data File : VD068904.D
 Acq On : 19 Apr 2021 17:30
 Operator : VA/SY
 Sample : M2077-06
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-21-0-2.0

Quant Time: Apr 20 00:54:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

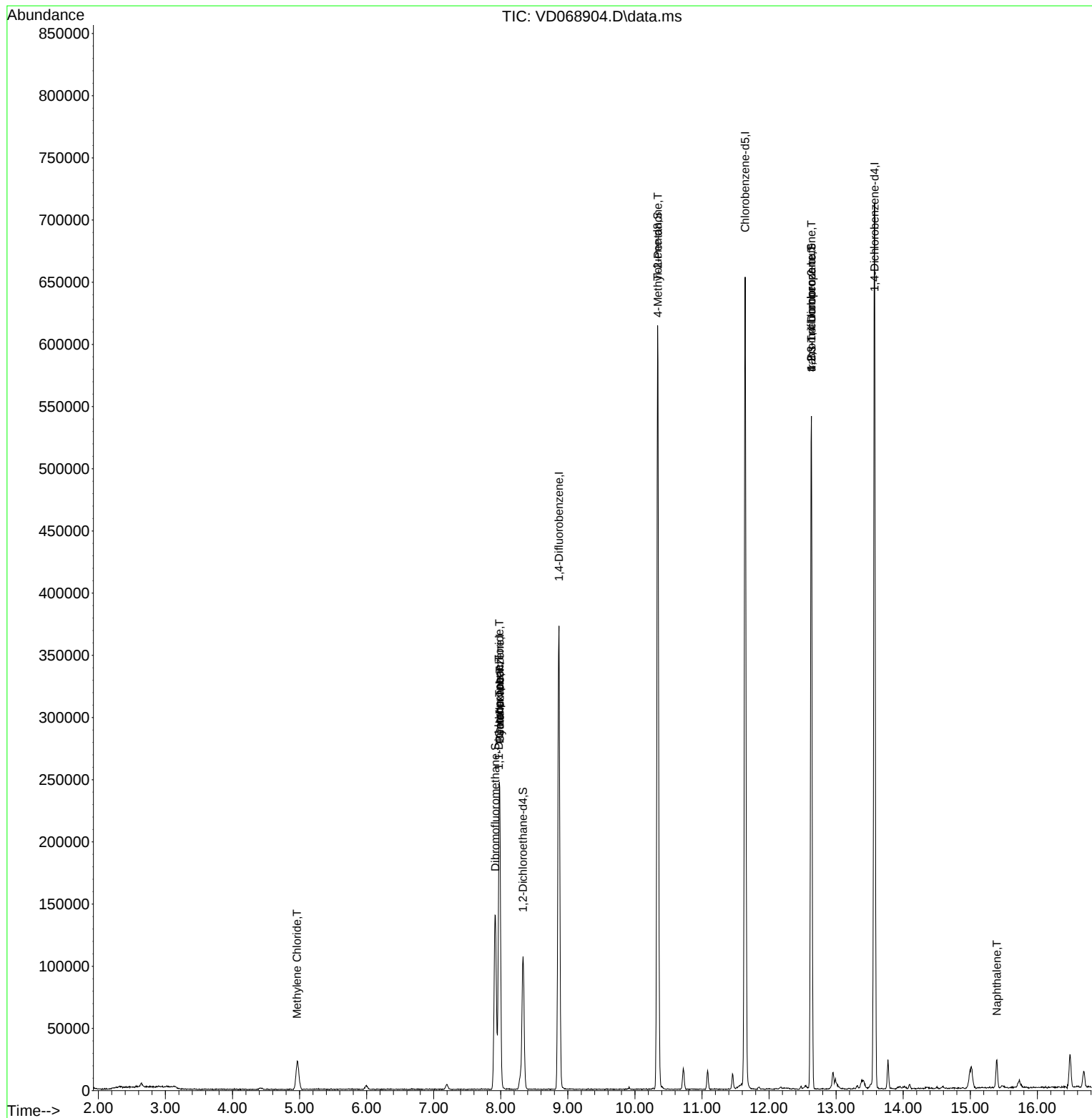
Internal Standards						
1) Pentafluorobenzene	7.985	168	192486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	337404	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	385779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	195350	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	85879	42.22	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	84.44%		
35) Dibromofluoromethane	7.920	113	103530	47.17	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.34%		
50) Toluene-d8	10.337	98	431436	52.11	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	104.22%		
62) 4-Bromofluorobenzene	12.631	95	172165	62.61	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	125.22%		
Target Compounds					Qvalue	
20) Methylene Chloride	4.961	84	19381	4.07	ug/l	93
31) Cyclohexane	7.985	56	3649	1.08	ug/l #	22
36) 1,1-Dichloropropene	7.973	75	14517	4.25	ug/l #	49
38) Carbon Tetrachloride	7.979	117	19705	5.83	ug/l #	16
51) 4-Methyl-2-Pentanone	10.343	43	1749	1.70	ug/l #	1
76) 1,2,3-Trichloropropane	12.631	75	88459	49.57	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.631	75	88459	115.03	ug/l #	16
95) Naphthalene	15.396	128	21366	3.37	ug/l	96

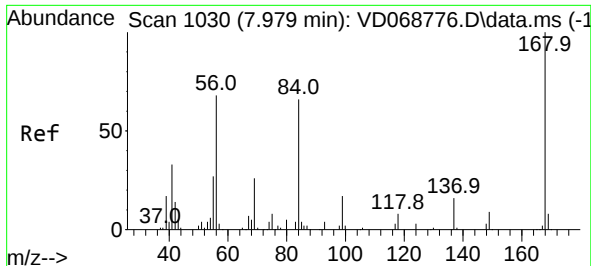
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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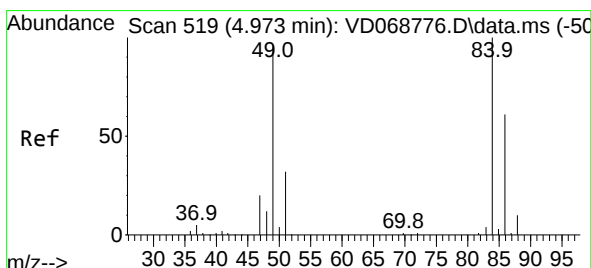
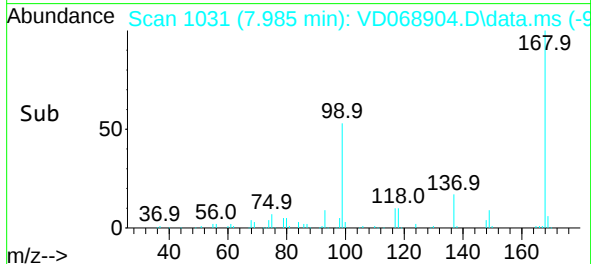
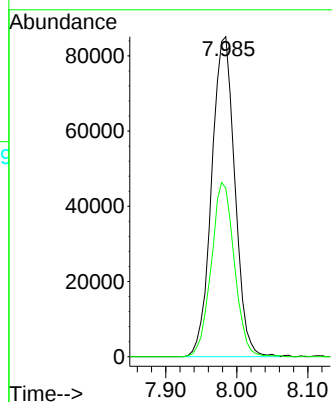
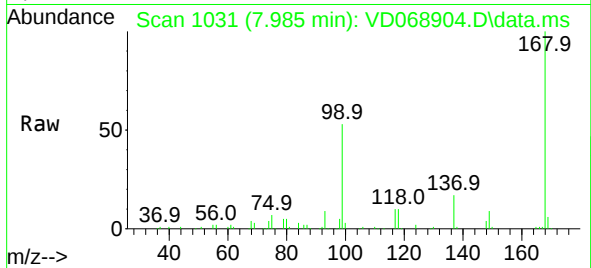




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068904.D
Acq: 19 Apr 2021 17:30

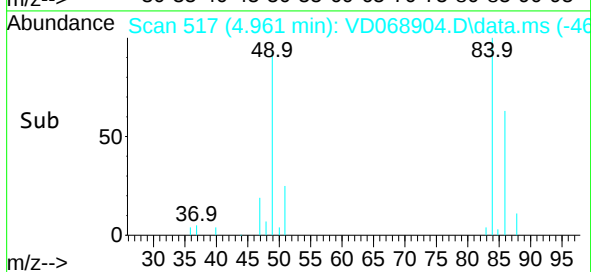
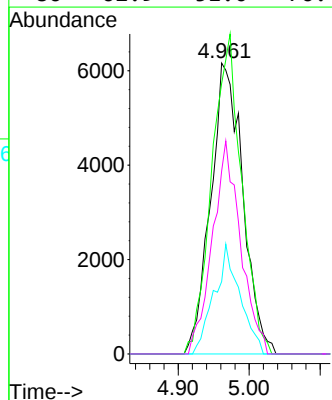
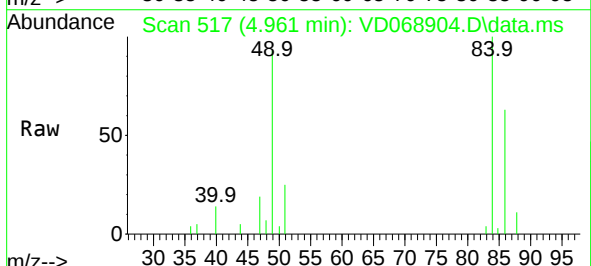
Instrument :
MSVOA_D
ClientSampled :
SB-21-0-2.0

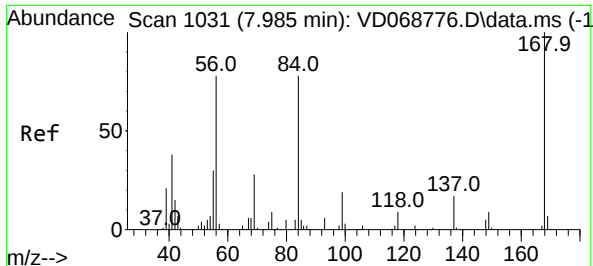
Tgt Ion:168 Resp: 192486
Ion Ratio Lower Upper
168 100
99 52.6 46.2 69.2



#20
Methylene Chloride
Concen: 4.07 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.012 min
Lab File: VD068904.D
Acq: 19 Apr 2021 17:30

Tgt Ion: 84 Resp: 19381
Ion Ratio Lower Upper
84 100
49 93.0 83.4 125.0
51 24.9 23.4 35.2
86 62.9 51.0 76.4

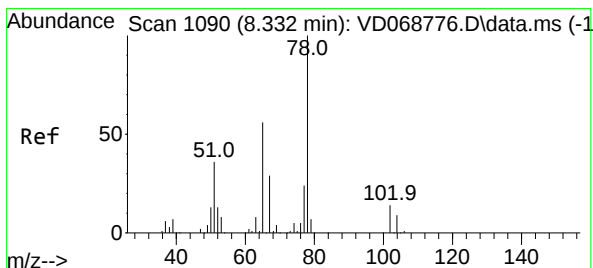
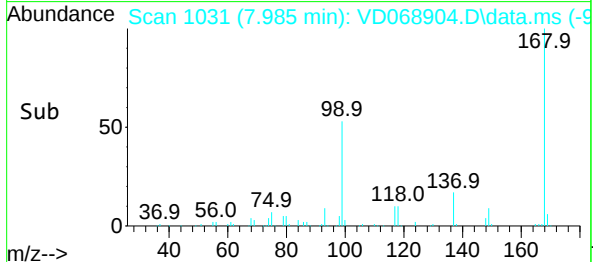
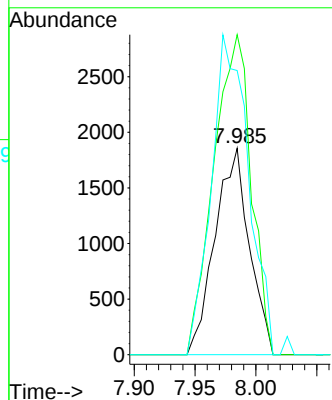
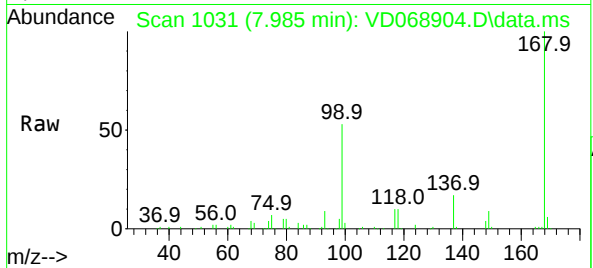




#31
Cyclohexane
Concen: 1.08 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068904.D
Acq: 19 Apr 2021 17:30

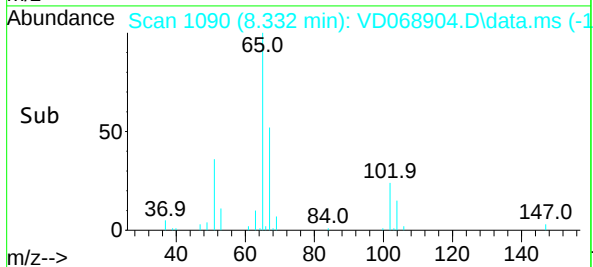
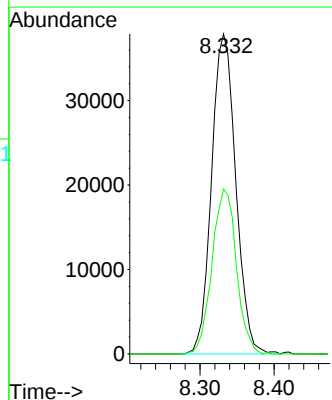
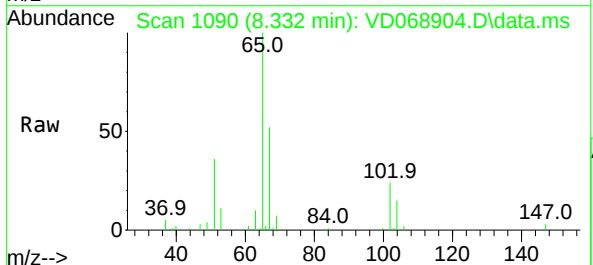
Instrument :
MSVOA_D
ClientSampled :
SB-21-0-2.0

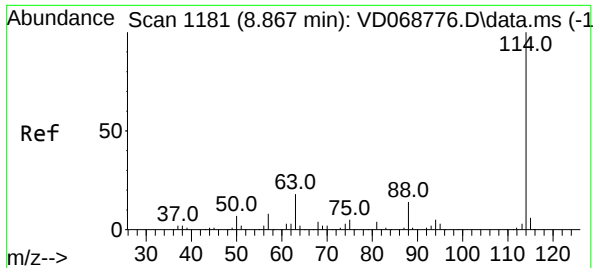
Tgt Ion: 56 Resp: 3649
Ion Ratio Lower Upper
56 100
69 155.1 30.0 45.0#
84 137.7 82.0 123.0#



#33
1,2-Dichloroethane-d4
Concen: 42.22 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068904.D
Acq: 19 Apr 2021 17:30

Tgt Ion: 65 Resp: 85879
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.0

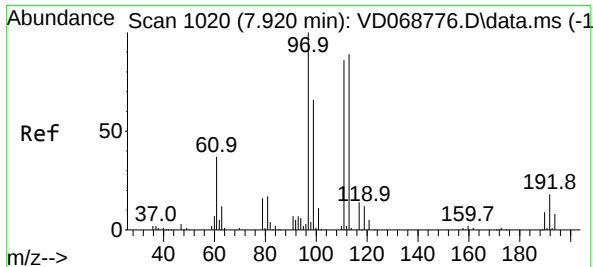
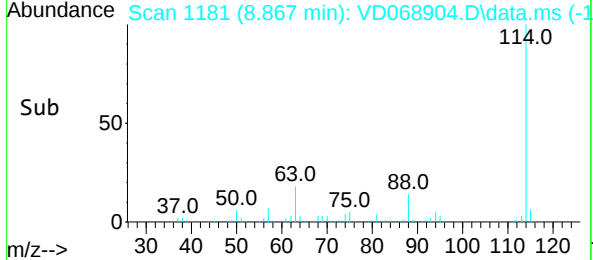
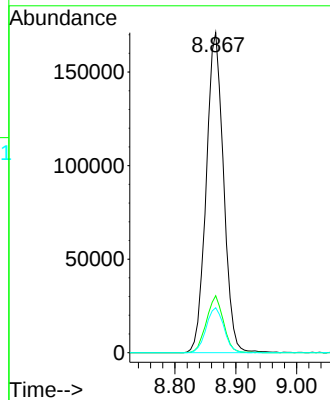
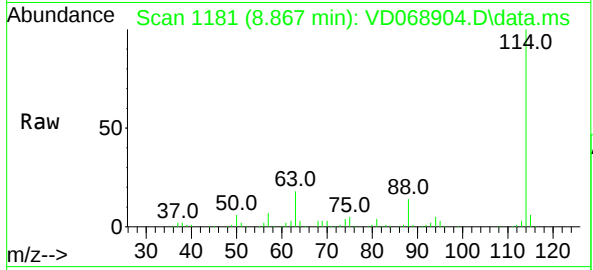




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068904.D
Acq: 19 Apr 2021 17:30

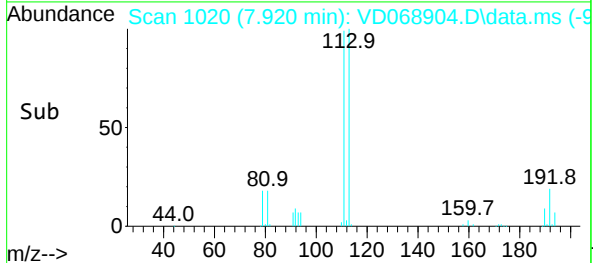
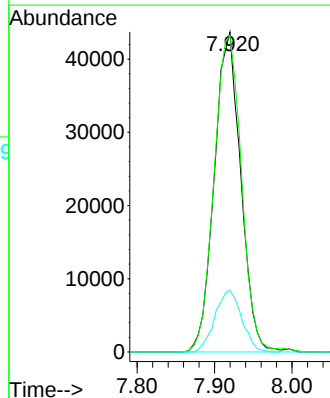
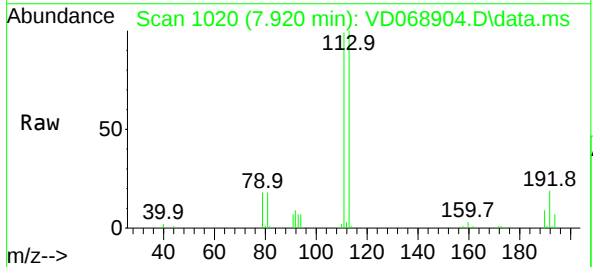
Instrument :
MSVOA_D
ClientSampleId :
SB-21-0-2.0

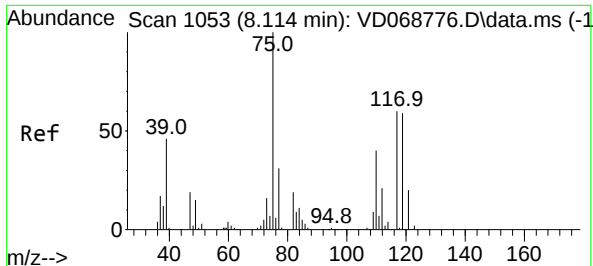
Tgt Ion:	114	Resp:	337404
Ion Ratio	Lower	Upper	
114	100		
63	17.8	0.0	38.2
88	14.1	0.0	29.4



#35
Dibromofluoromethane
Concen: 47.17 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068904.D
Acq: 19 Apr 2021 17:30

Tgt Ion:	113	Resp:	103530
Ion Ratio	Lower	Upper	
113	100		
111	103.0	82.5	123.7
192	19.5	15.1	22.7

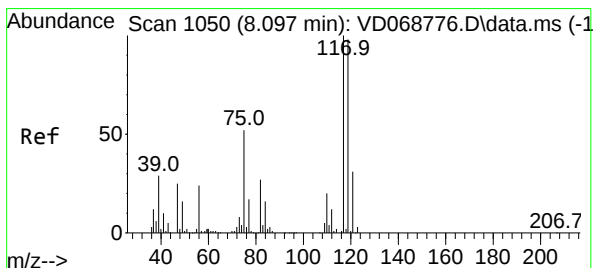
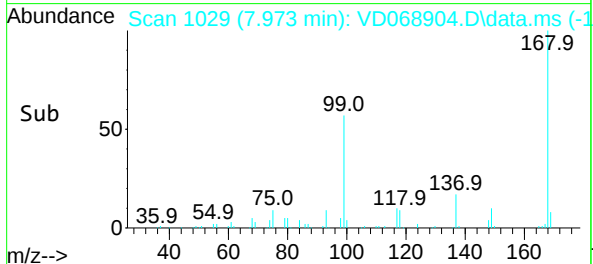
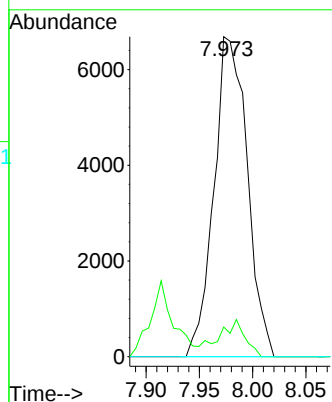
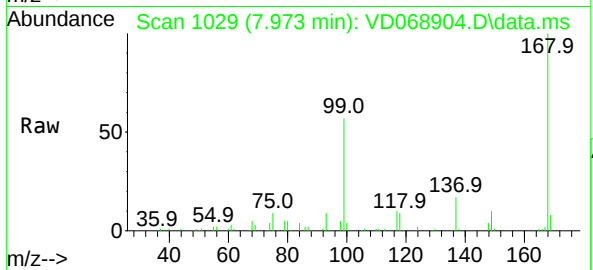




#36
1,1-Dichloropropene
Concen: 4.25 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.141 min
Lab File: VD068904.D
Acq: 19 Apr 2021 17:30

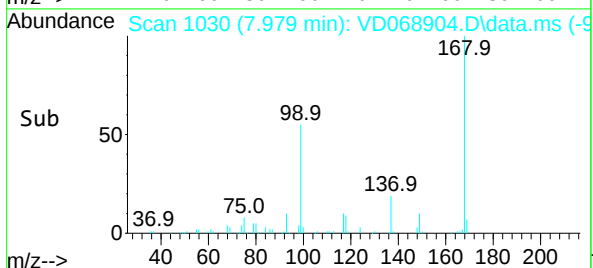
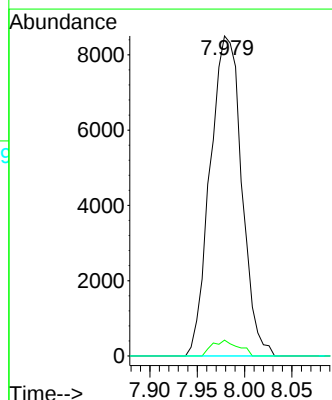
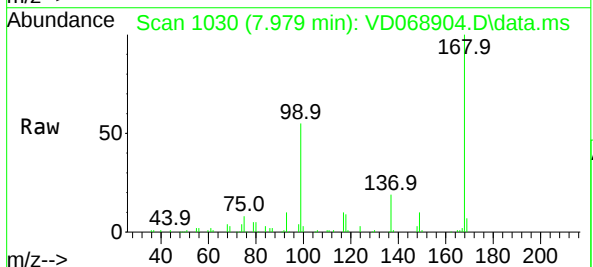
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ClientSampled :
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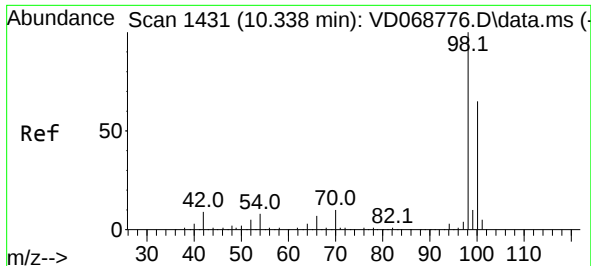
Tgt Ion: 75 Resp: 14517
Ion Ratio Lower Upper
75 100
110 9.1 18.1 54.4#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.83 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068904.D
Acq: 19 Apr 2021 17:30

Tgt Ion: 117 Resp: 19705
Ion Ratio Lower Upper
117 100
119 5.0 76.6 115.0#
121 0.0 26.1 39.1#

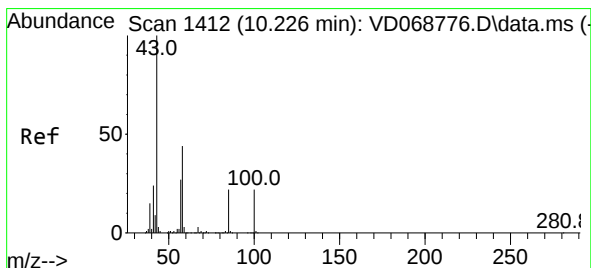
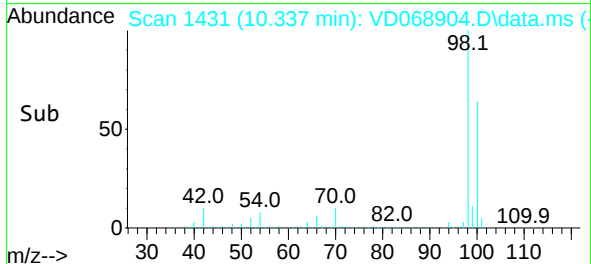
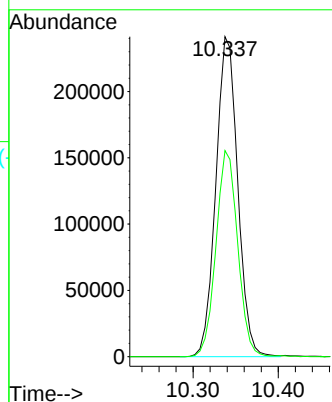
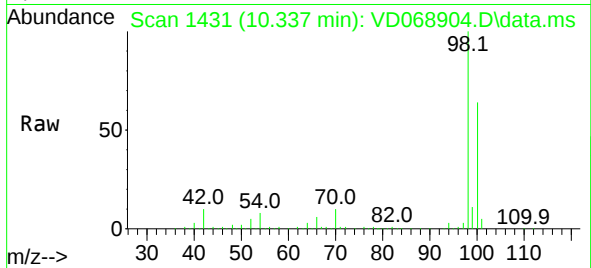




#50
Toluene-d8
Concen: 52.11 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.001 min
Lab File: VD068904.D
Acq: 19 Apr 2021 17:30

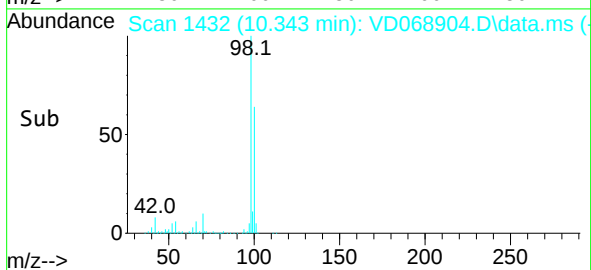
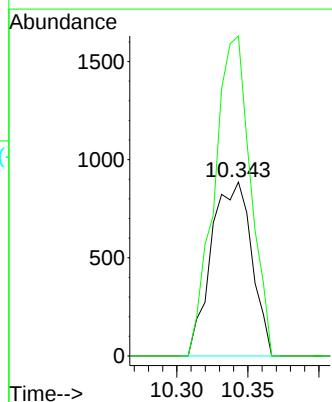
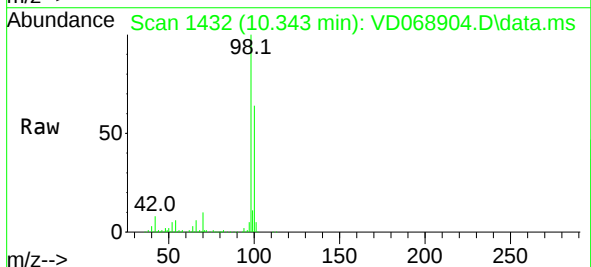
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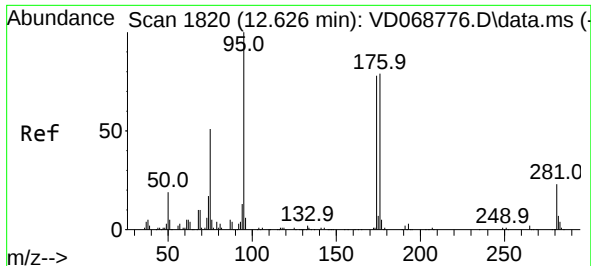
Tgt Ion: 98 Resp: 431436
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.70 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.117 min
Lab File: VD068904.D
Acq: 19 Apr 2021 17:30

Tgt Ion: 43 Resp: 1749
Ion Ratio Lower Upper
43 100
58 165.1 37.3 55.9#

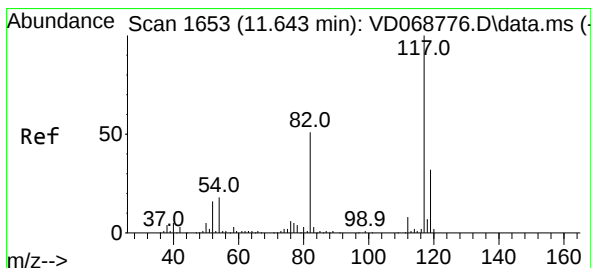
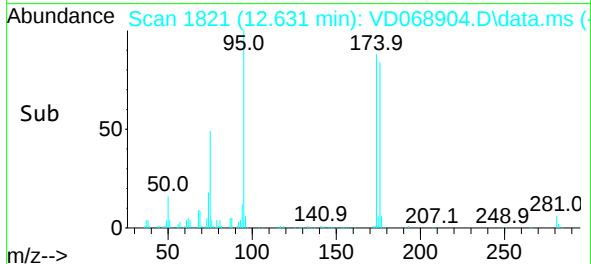
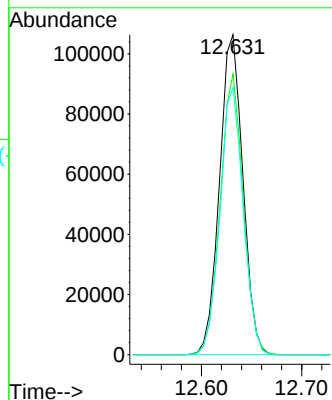
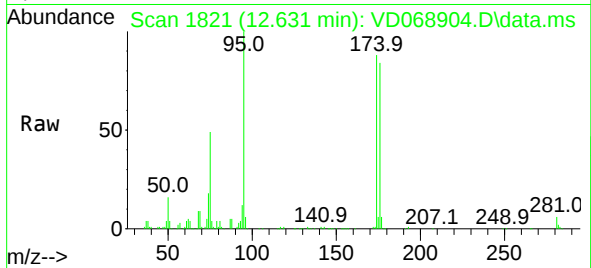




#62
4-Bromofluorobenzene
Concen: 62.61 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.005 min
Lab File: VD068904.D
Acq: 19 Apr 2021 17:30

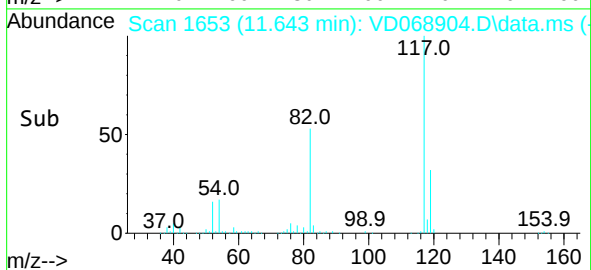
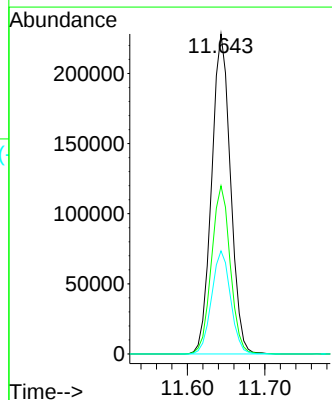
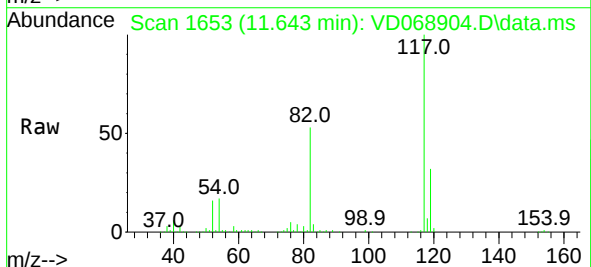
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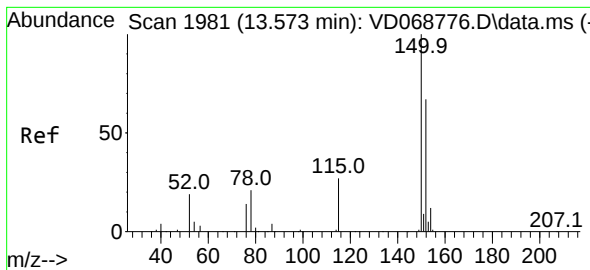
Tgt Ion: 95 Resp: 172165
Ion Ratio Lower Upper
95 100
174 86.4 0.0 168.0
176 83.1 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068904.D
Acq: 19 Apr 2021 17:30

Tgt Ion: 117 Resp: 385779
Ion Ratio Lower Upper
117 100
82 52.6 43.5 65.3
119 32.2 26.7 40.1

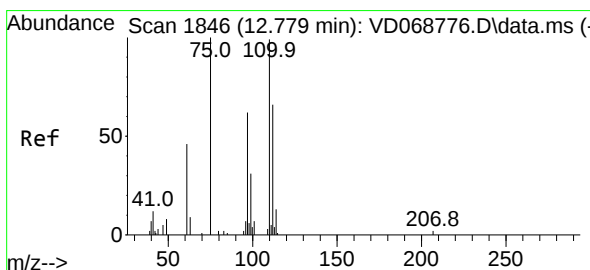
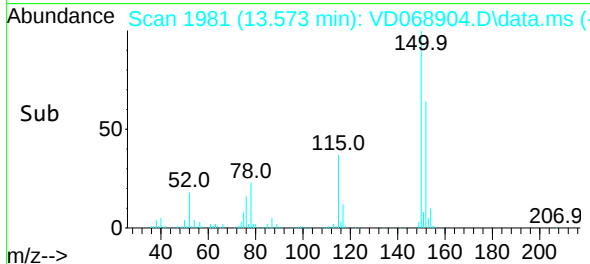
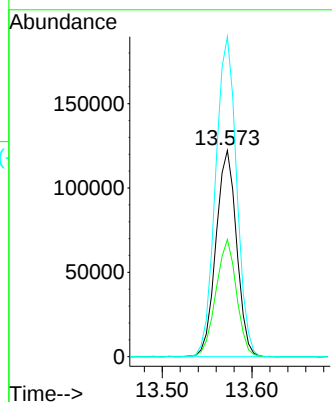
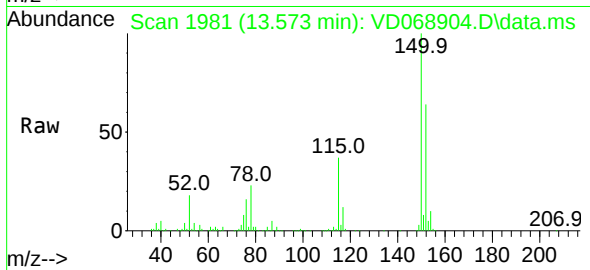




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. -0.000 min
 Lab File: VD068904.D
 Acq: 19 Apr 2021 17:30

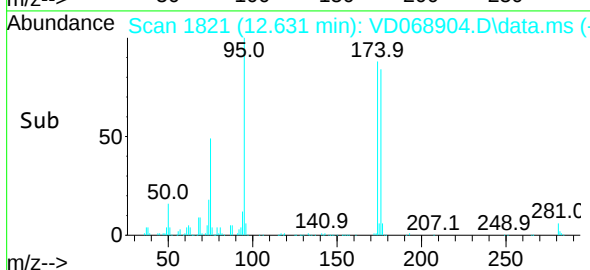
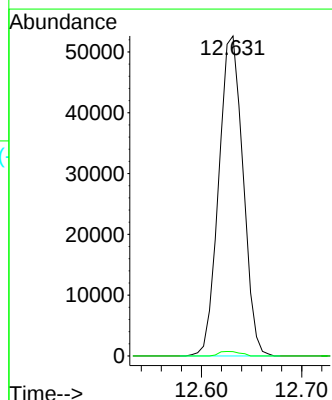
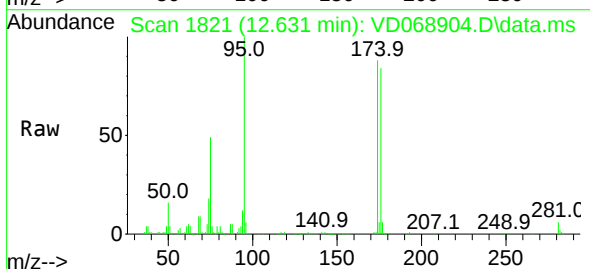
Instrument :
 MSVOA_D
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 SB-21-0-2.0

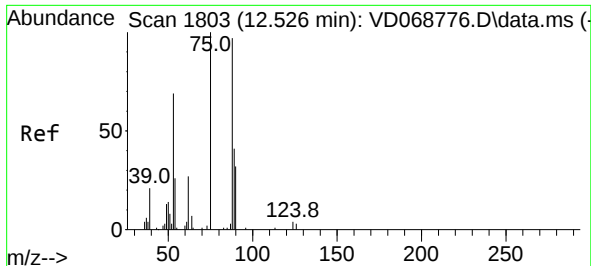
Tgt Ion:152 Resp: 195350
 Ion Ratio Lower Upper
 152 100
 115 56.8 29.3 87.8
 150 158.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 49.57 ug/l
 RT: 12.631 min Scan# 1821
 Delta R.T. -0.148 min
 Lab File: VD068904.D
 Acq: 19 Apr 2021 17:30

Tgt Ion: 75 Resp: 88459
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

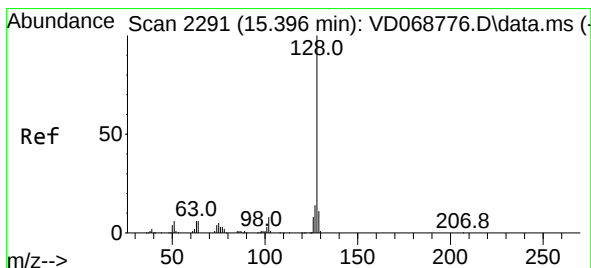
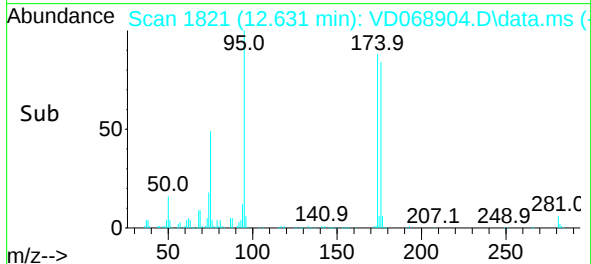
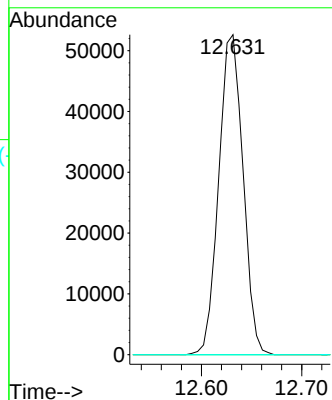
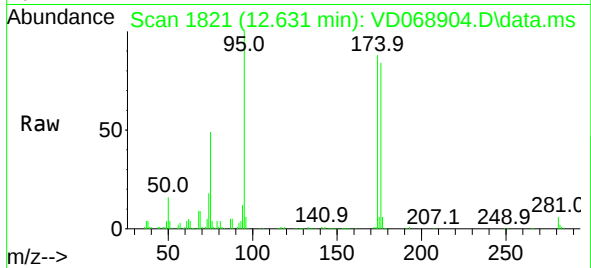




#81
trans-1,4-Dichloro-2-butene
Concen: 115.03 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.105 min
Lab File: VD068904.D
Acq: 19 Apr 2021 17:30

Instrument :
MSVOA_D
ClientSampled :
SB-21-0-2.0

Tgt Ion: 75 Resp: 88459
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 36.6 54.8#



#95
Naphthalene
Concen: 3.37 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. -0.000 min
Lab File: VD068904.D
Acq: 19 Apr 2021 17:30

Tgt Ion:128 Resp: 21366
Ion Ratio Lower Upper
128 100
127 14.2 10.2 15.4
129 12.8 8.9 13.3

