

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030321\
 Data File : VD068510.D
 Acq On : 03 Mar 2021 13:57
 Operator : VA/SY
 Sample : M1539-01RE
 Misc : 4.74G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 04 00:03:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

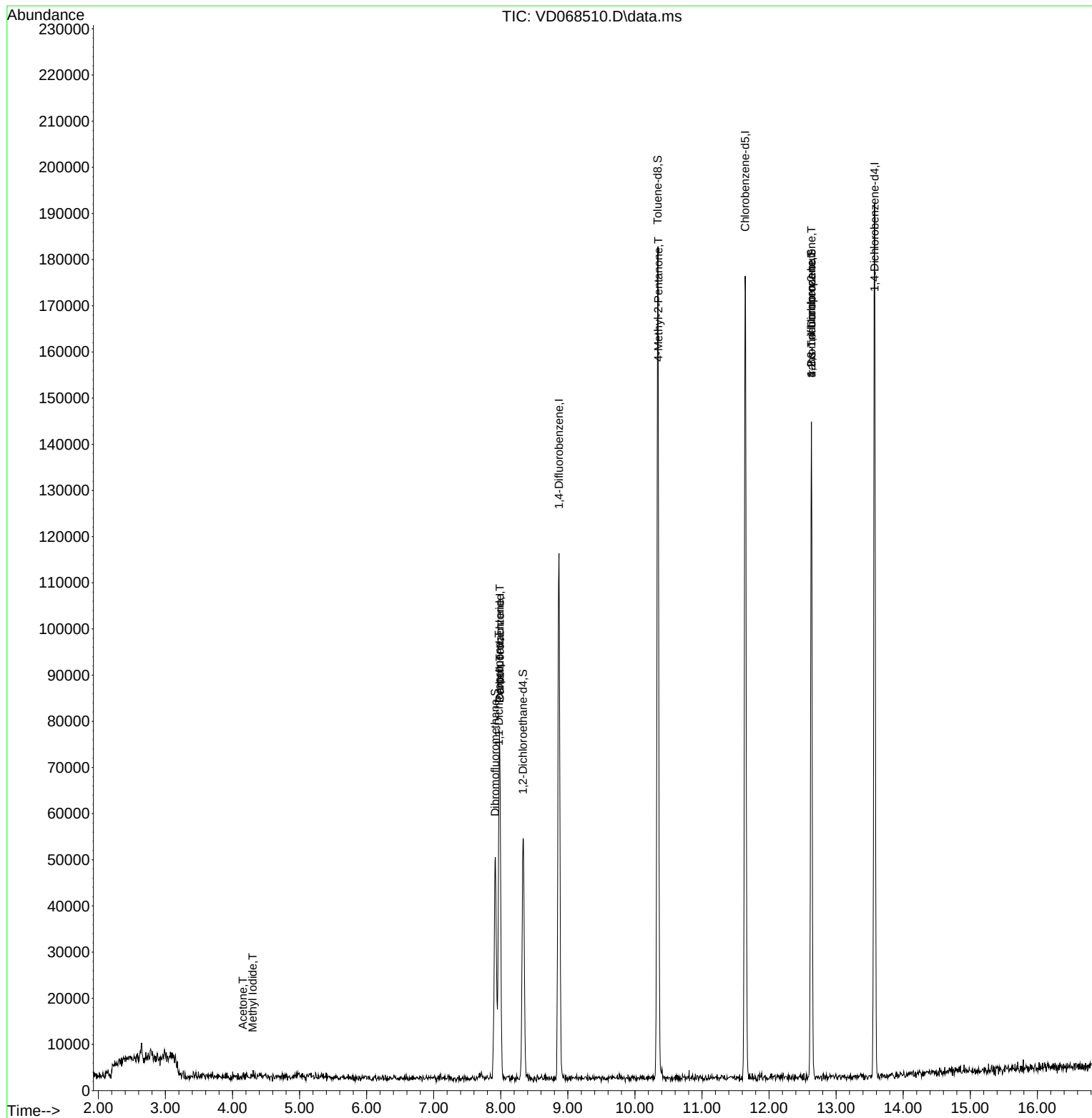
Internal Standards						
1) Pentafluorobenzene	7.985	168	59333	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	103861	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	109057	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	52426	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	42160	71.12	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	142.24%
35) Dibromofluoromethane	7.914	113	34638	55.36	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.72%
50) Toluene-d8	10.338	98	127994	51.36	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.72%
62) 4-Bromofluorobenzene	12.632	95	46478	57.87	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	115.74%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.303	142	113	2.77	ug/l #	38
16) Acetone	4.156	43	886	9.41	ug/l #	44
20) Methylene Chloride	4.956	84	244	Below Cal	#	49
36) 1,1-Dichloropropene	7.973	75	4578	4.64	ug/l #	49
38) Carbon Tetrachloride	7.985	117	5944	6.41	ug/l #	17
51) 4-Methyl-2-Pentanone	10.349	43	462	1.47	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	23175	49.79	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	23175	116.20	ug/l #	13

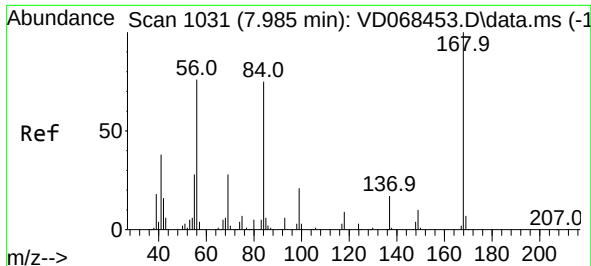
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

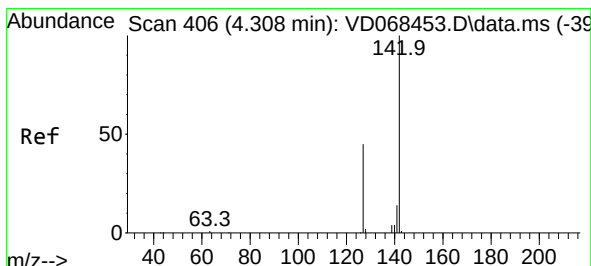
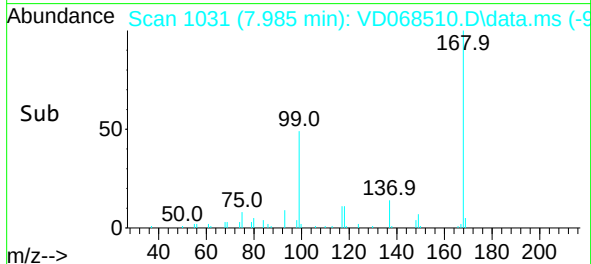
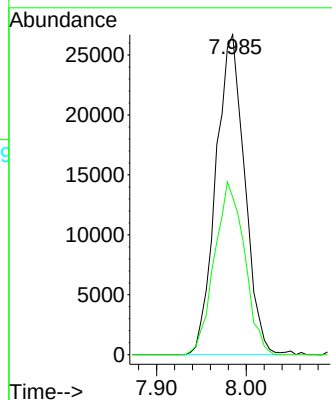
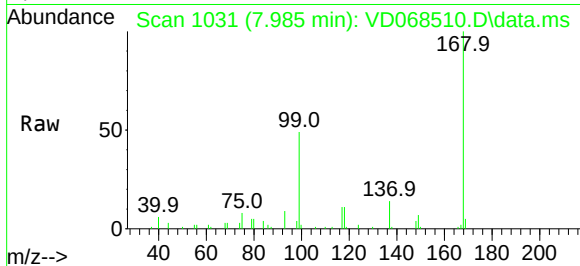




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068510.D
Acq: 03 Mar 2021 13:57

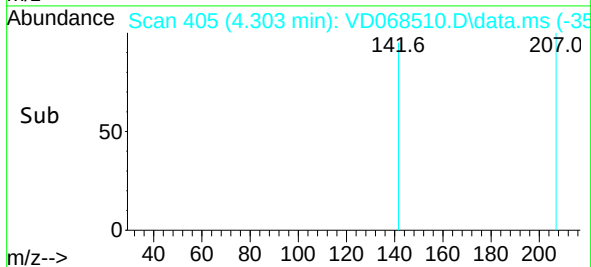
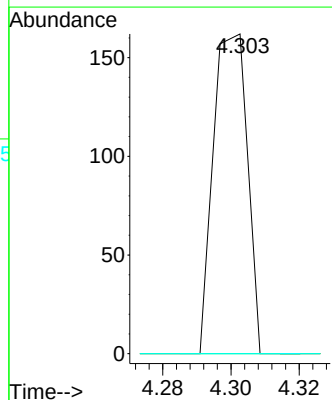
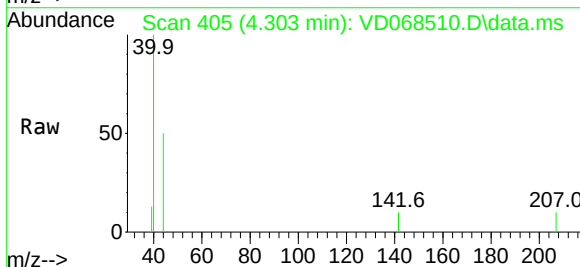
Instrument :
MSVOA_D
ClientSampleId :

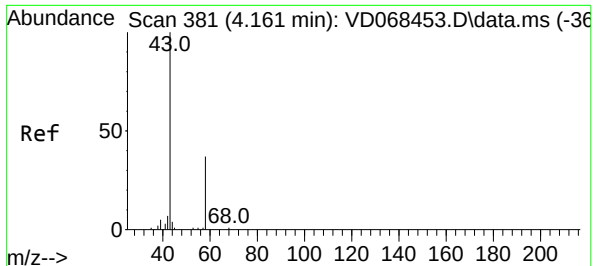
Tgt Ion:168 Resp: 59333
Ion Ratio Lower Upper
168 100
99 49.2 43.5 65.3



#10
Methyl Iodide
Concen: 2.77 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD068510.D
Acq: 03 Mar 2021 13:57

Tgt Ion:142 Resp: 113
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#

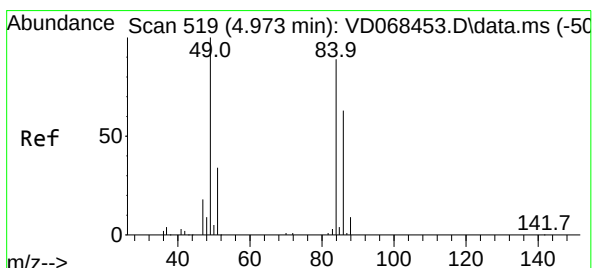
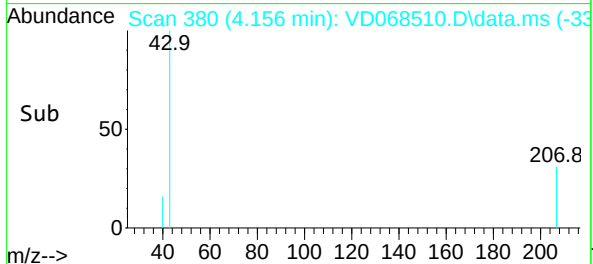
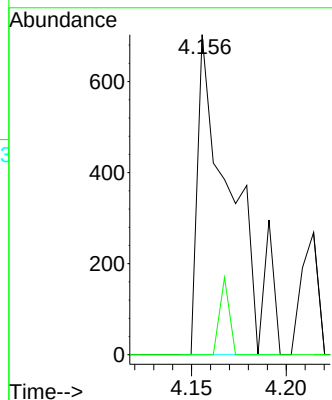
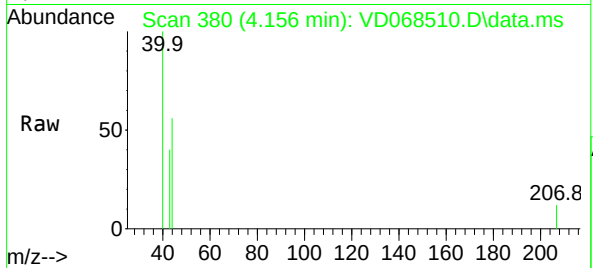




#16
Acetone
Concen: 9.41 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068510.D
Acq: 03 Mar 2021 13:57

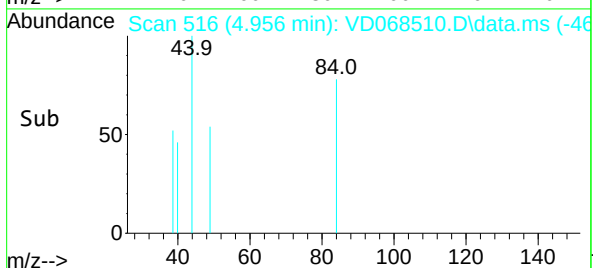
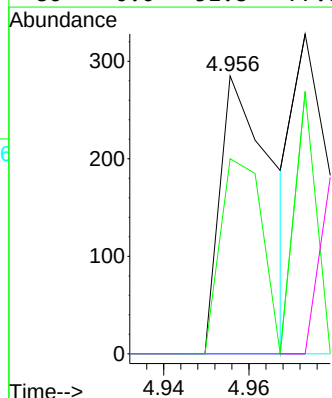
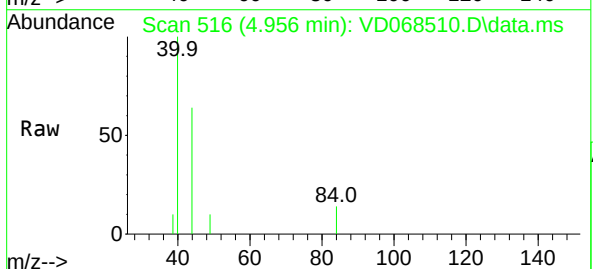
Instrument :
MSVOA_D
ClientSampleId :

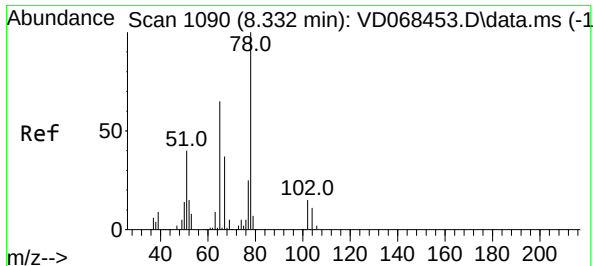
Tgt Ion: 43 Resp: 886
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.017 min
Lab File: VD068510.D
Acq: 03 Mar 2021 13:57

Tgt Ion: 84 Resp: 244
Ion Ratio Lower Upper
84 100
49 70.2 77.4 116.2#
51 0.0 26.1 39.1#
86 0.0 51.8 77.8#

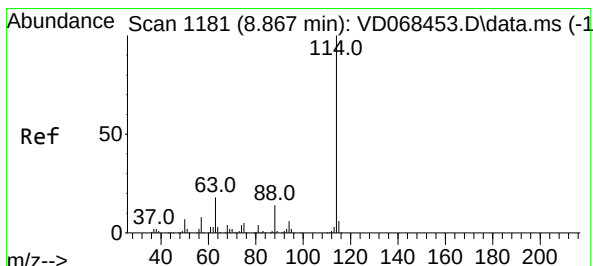
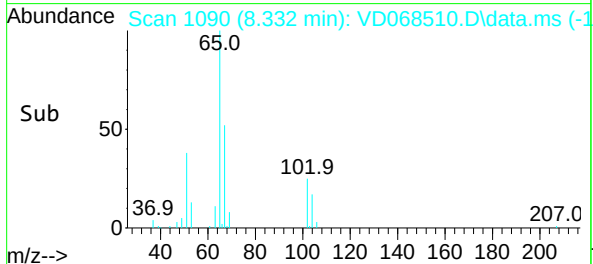
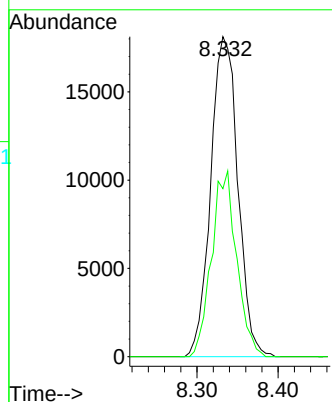
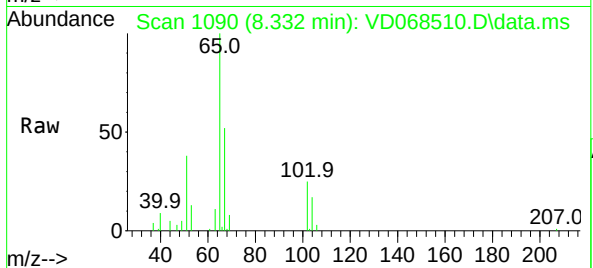




#33
1,2-Dichloroethane-d4
Concen: 71.12 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068510.D
Acq: 03 Mar 2021 13:57

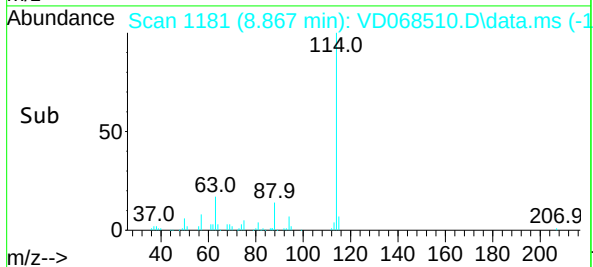
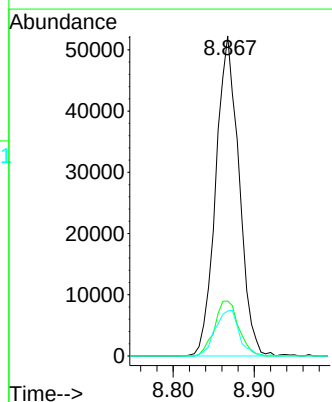
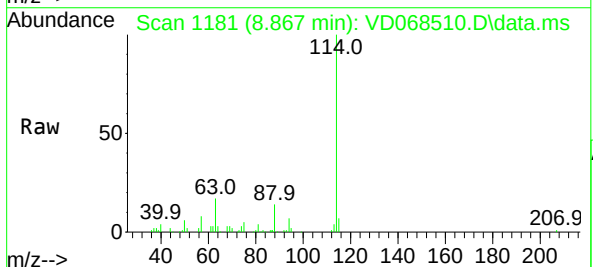
Instrument :
MSVOA_D
ClientSampleId :

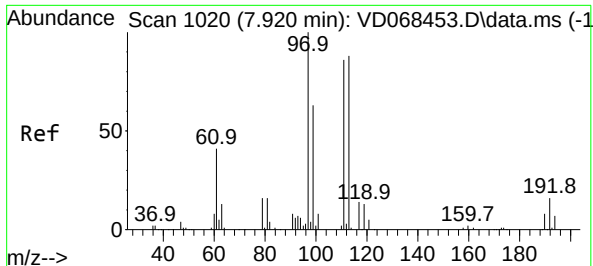
Tgt Ion: 65 Resp: 42160
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068510.D
Acq: 03 Mar 2021 13:57

Tgt Ion: 114 Resp: 103861
Ion Ratio Lower Upper
114 100
63 17.2 0.0 34.8
88 14.0 0.0 31.6





#35

Dibromofluoromethane

Concen: 55.36 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068510.D

Acq: 03 Mar 2021 13:57

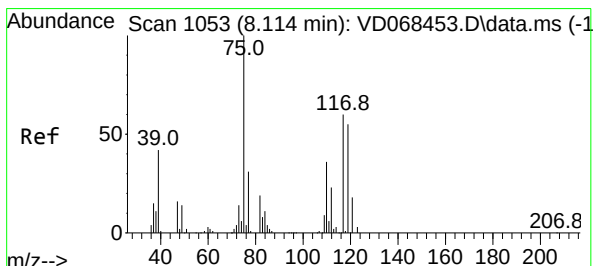
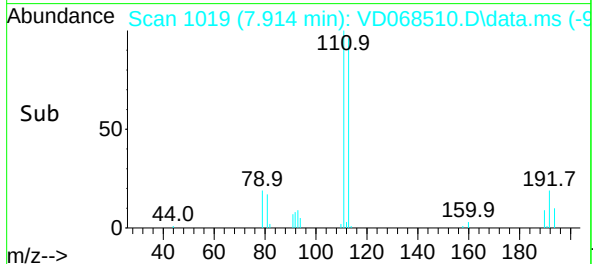
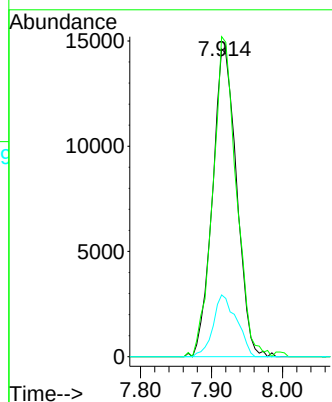
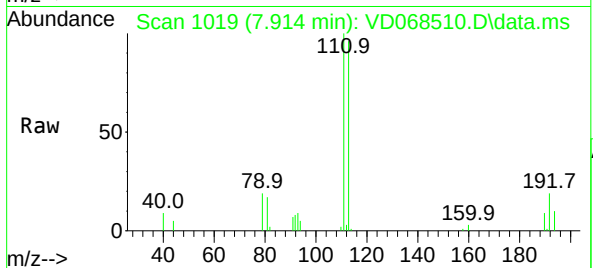
Tgt Ion:113 Resp: 34638

Ion Ratio Lower Upper

113 100

111 100.7 81.4 122.0

192 19.4 16.1 24.1



#36

1,1-Dichloropropene

Concen: 4.64 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.141 min

Lab File: VD068510.D

Acq: 03 Mar 2021 13:57

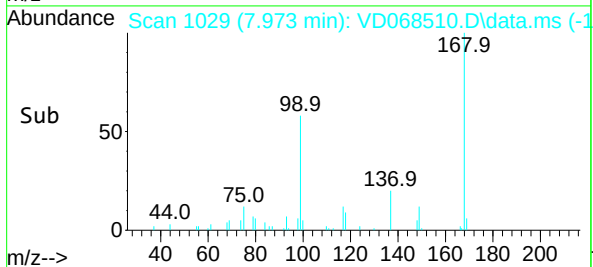
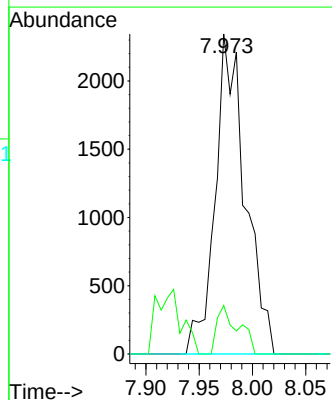
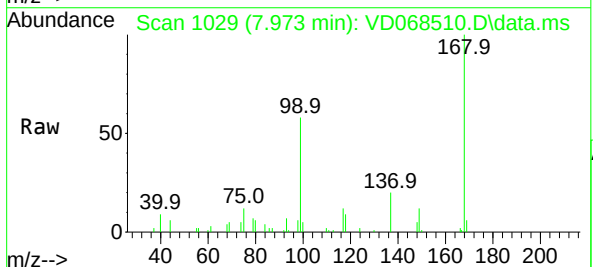
Tgt Ion: 75 Resp: 4578

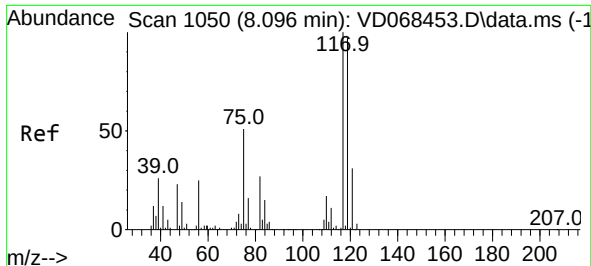
Ion Ratio Lower Upper

75 100

110 10.8 19.4 58.2#

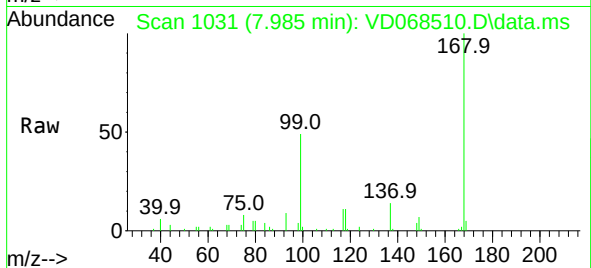
77 0.0 25.3 37.9#



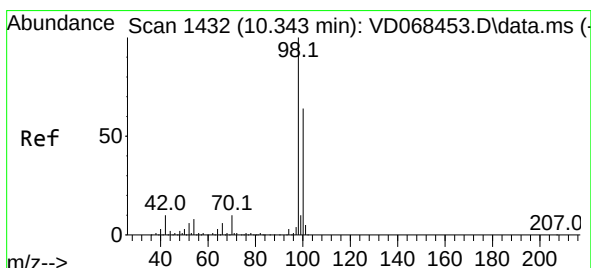
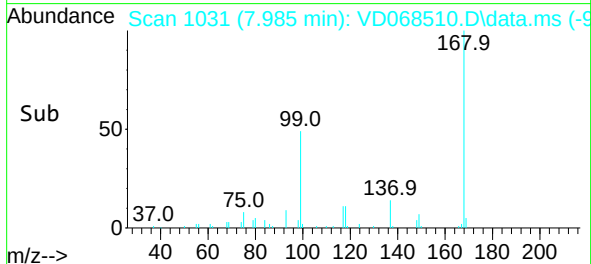
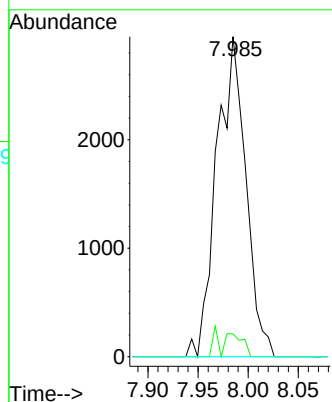


#38
Carbon Tetrachloride
Concen: 6.41 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.111 min
Lab File: VD068510.D
Acq: 03 Mar 2021 13:57

Instrument :
MSVOA_D
ClientSampled :

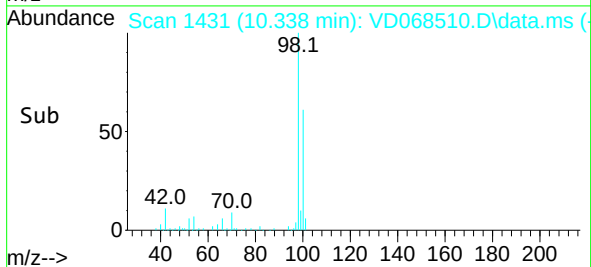
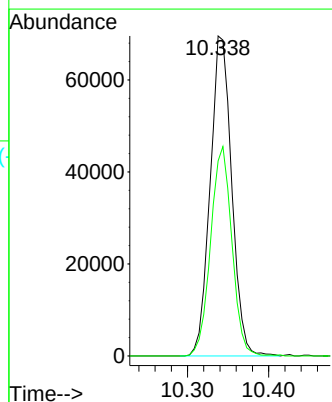
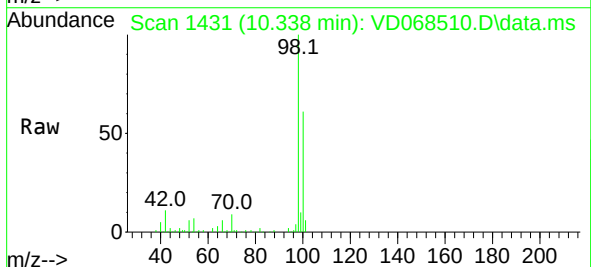


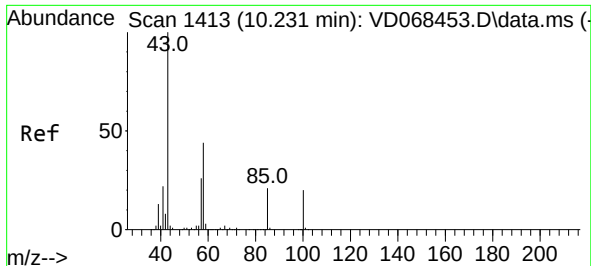
Tgt Ion:117 Resp: 5944
Ion Ratio Lower Upper
117 100
119 7.1 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 51.36 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068510.D
Acq: 03 Mar 2021 13:57

Tgt Ion: 98 Resp: 127994
Ion Ratio Lower Upper
98 100
100 64.6 53.0 79.4

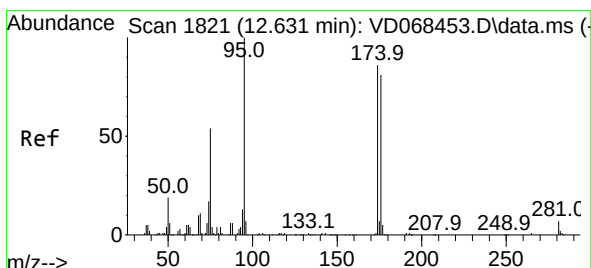
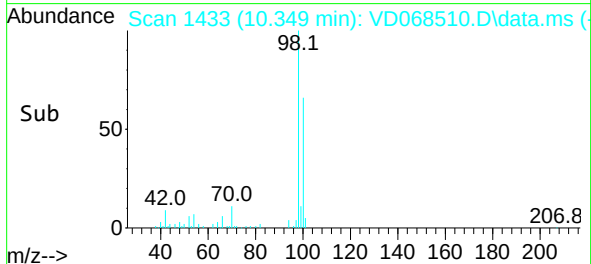
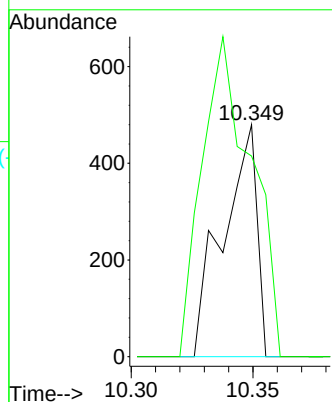
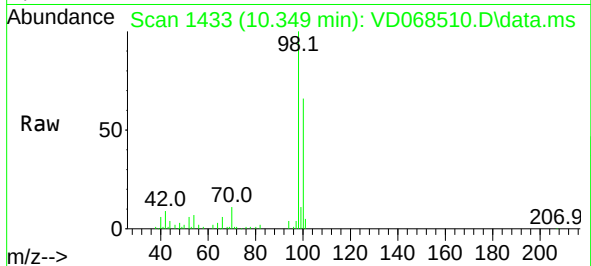




#51
4-Methyl-2-Pentanone
Concen: 1.47 ug/l
RT: 10.349 min Scan# 1433
Delta R.T. 0.118 min
Lab File: VD068510.D
Acq: 03 Mar 2021 13:57

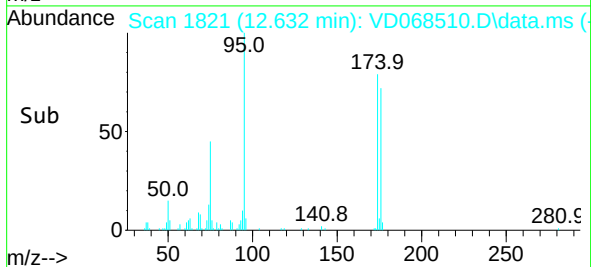
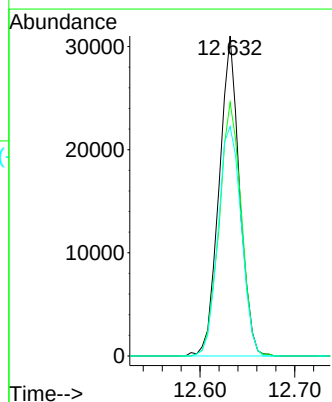
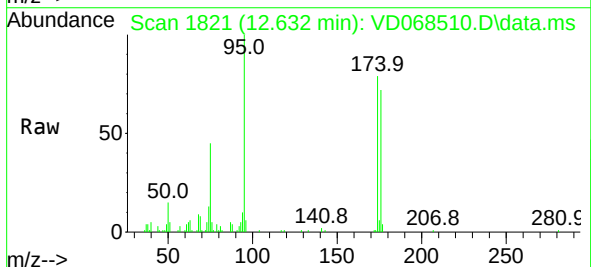
Instrument :
MSVOA_D
ClientSampleId :

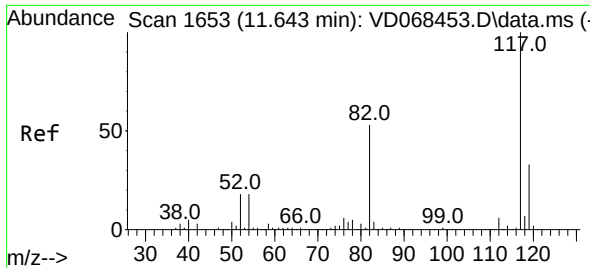
Tgt Ion: 43 Resp: 462
Ion Ratio Lower Upper
43 100
58 200.9 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 57.87 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068510.D
Acq: 03 Mar 2021 13:57

Tgt Ion: 95 Resp: 46478
Ion Ratio Lower Upper
95 100
174 85.7 0.0 172.4
176 81.1 0.0 168.4

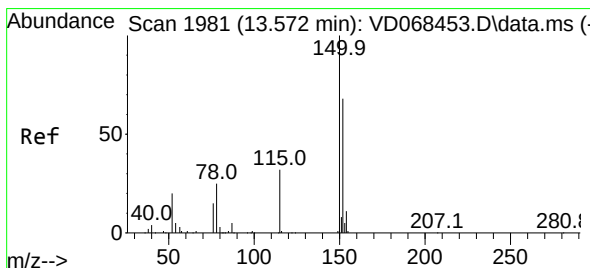
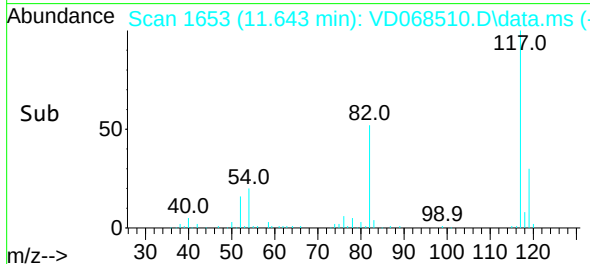
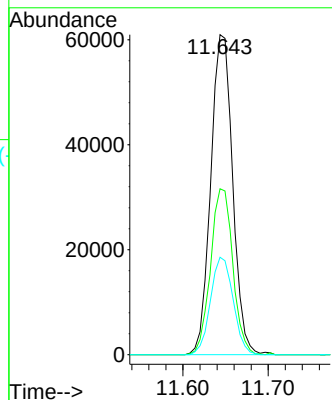
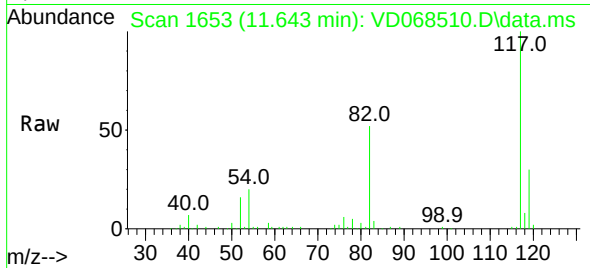




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068510.D
Acq: 03 Mar 2021 13:57

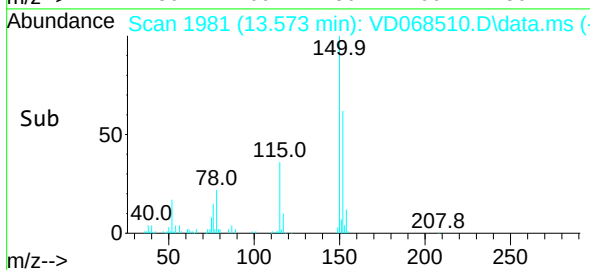
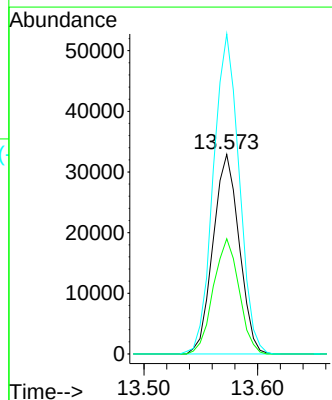
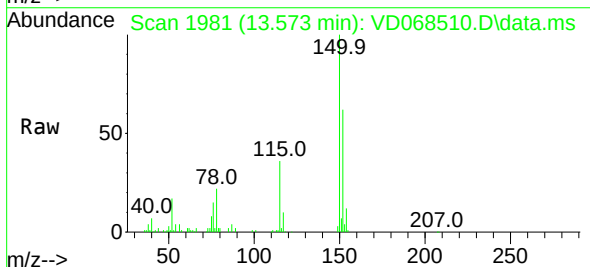
Instrument :
MSVOA_D
ClientSampled :

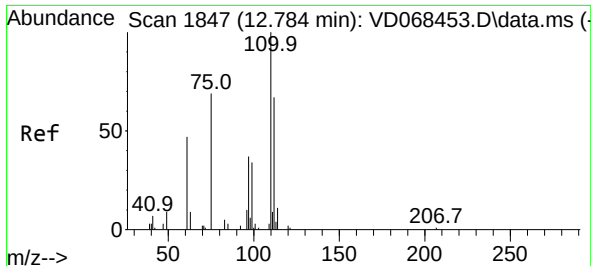
Tgt Ion:117 Resp: 109057
Ion Ratio Lower Upper
117 100
82 51.8 41.4 62.0
119 30.5 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068510.D
Acq: 03 Mar 2021 13:57

Tgt Ion:152 Resp: 52426
Ion Ratio Lower Upper
152 100
115 56.9 28.9 86.8
150 158.8 0.0 344.4

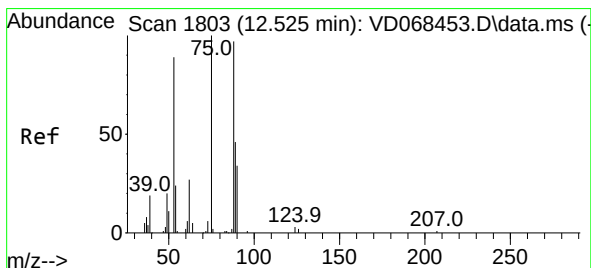
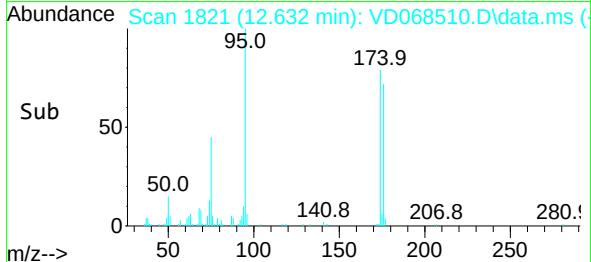
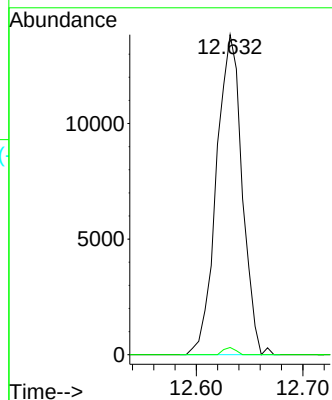
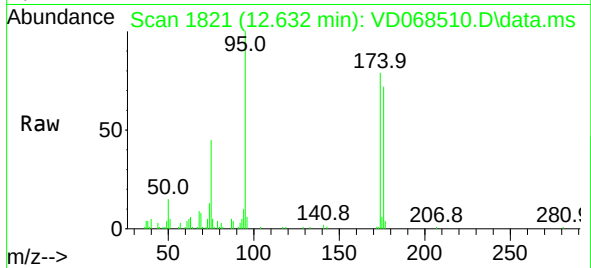




#76
1,2,3-Trichloropropane
Concen: 49.79 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068510.D
Acq: 03 Mar 2021 13:57

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 23175
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 116.20 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068510.D
Acq: 03 Mar 2021 13:57

Tgt Ion: 75 Resp: 23175
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.0 40.3 60.5#

