

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041221\
 Data File : VD068839.D
 Acq On : 12 Apr 2021 18:29
 Operator : VA/SY
 Sample : M1967-06RE
 Misc : 3.12G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 13 01:12:01 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)

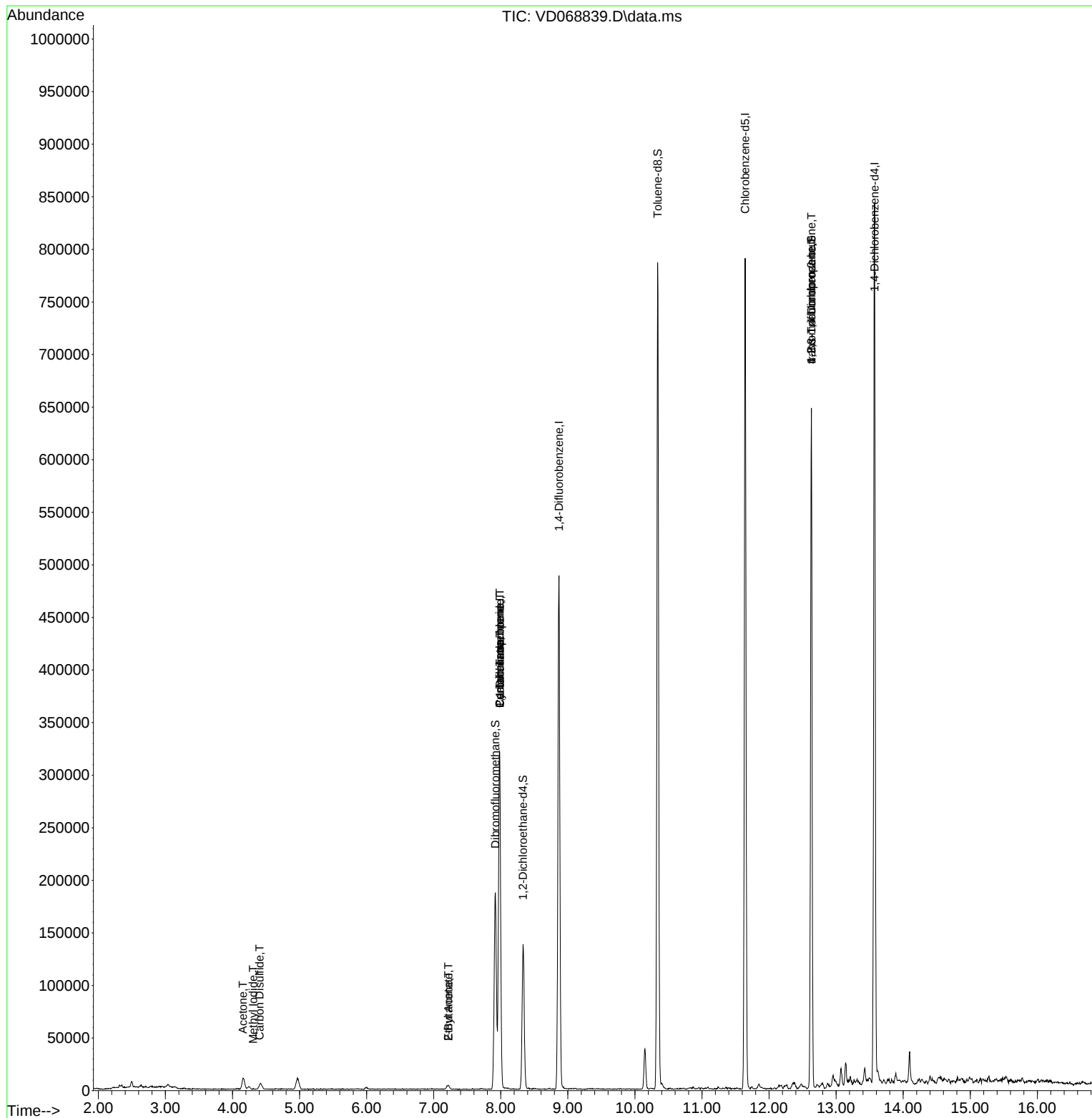
Internal Standards						
1) Pentafluorobenzene	7.985	168	251694	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	443023	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	470281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.572	152	227544	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	109256	41.07	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	82.14%		
35) Dibromofluoromethane	7.920	113	135913	47.17	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.34%		
50) Toluene-d8	10.337	98	563925	51.88	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.76%		
62) 4-Bromofluorobenzene	12.631	95	207388	57.44	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	114.88%		
Target Compounds						Qvalue
10) Methyl Iodide	4.308	142	126	2.29	ug/l #	62
16) Acetone	4.155	43	19158	52.01	ug/l	98
17) Carbon Disulfide	4.402	76	11433	1.40	ug/l #	87
20) Methylene Chloride	4.973	84	9523	Below Cal	#	77
25) 2-Butanone	7.220	43	4095	7.86	ug/l	94
31) Cyclohexane	7.985	56	5428	1.23	ug/l #	27
36) 1,1-Dichloropropene	7.985	75	18247	4.07	ug/l #	49
37) Ethyl Acetate	7.220	43	4095	3.11	ug/l #	66
38) Carbon Tetrachloride	7.985	117	24693	5.56	ug/l #	15
76) 1,2,3-Trichloropropane	12.631	75	103047	49.57	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.631	75	103047	115.04	ug/l #	16

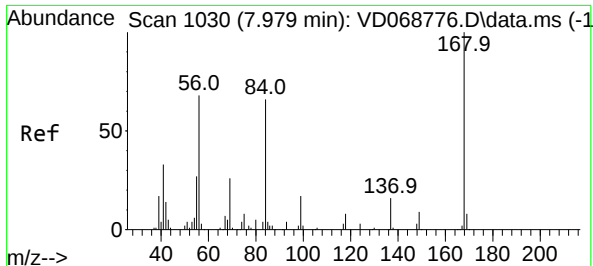
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041221\
Data File : VD068839.D
Acq On : 12 Apr 2021 18:29
Operator : VA/SY
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Misc : 3.12G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 13 01:12:01 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

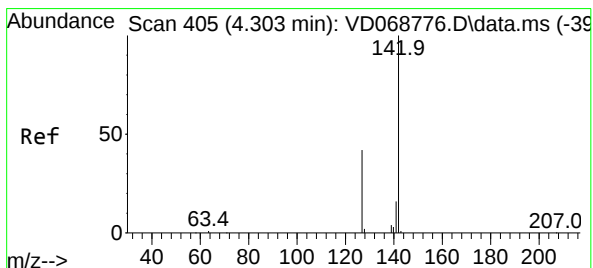
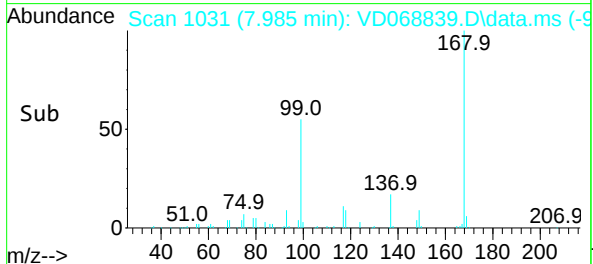
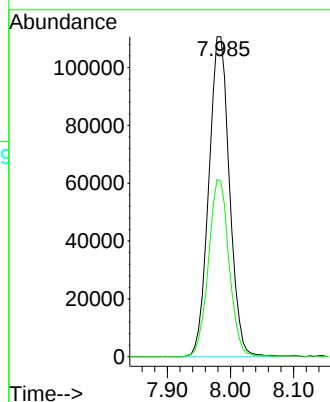
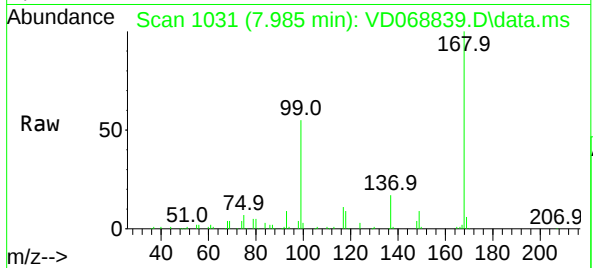




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068839.D
Acq: 12 Apr 2021 18:29

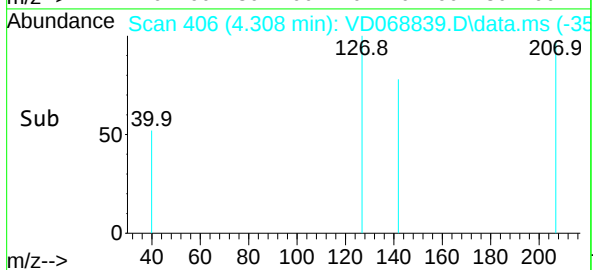
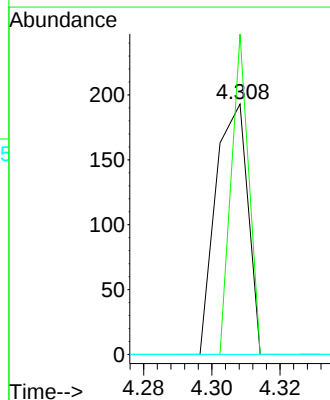
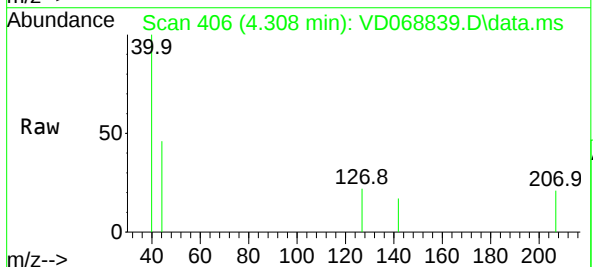
Instrument :
MSVOA_D
ClientSampled :

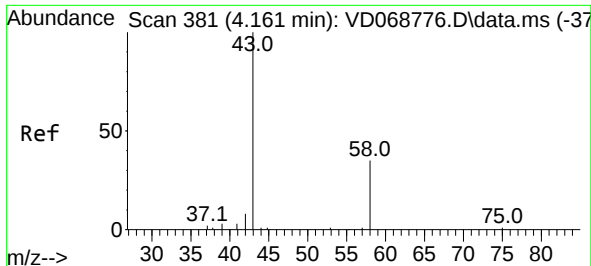
Tgt Ion:168 Resp: 251694
Ion Ratio Lower Upper
168 100
99 54.9 46.2 69.2



#10
Methyl Iodide
Concen: 2.29 ug/l
RT: 4.308 min Scan# 406
Delta R.T. 0.005 min
Lab File: VD068839.D
Acq: 12 Apr 2021 18:29

Tgt Ion:142 Resp: 126
Ion Ratio Lower Upper
142 100
127 69.0 34.7 52.1#
141 0.0 11.0 16.4#

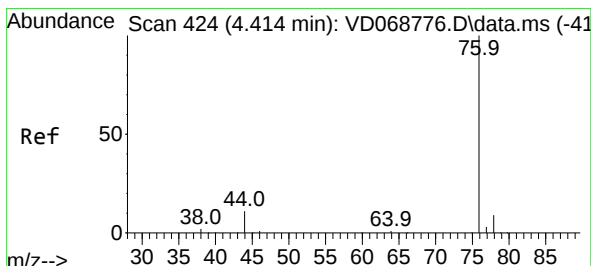
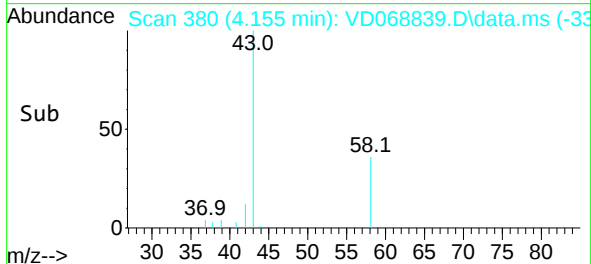
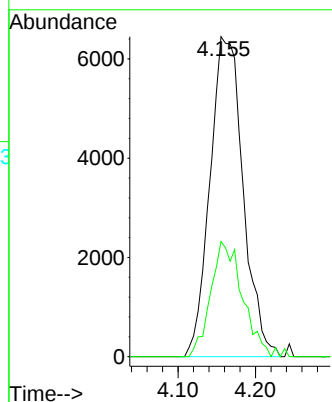
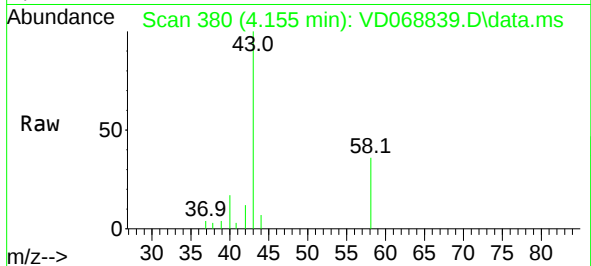




#16
Acetone
Concen: 52.01 ug/l
RT: 4.155 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068839.D
Acq: 12 Apr 2021 18:29

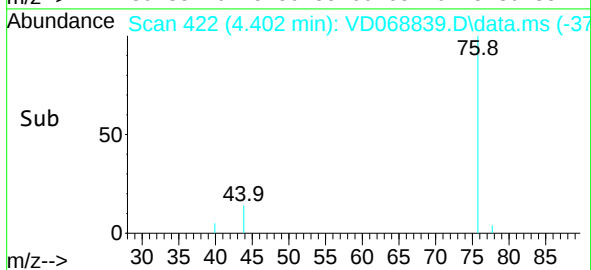
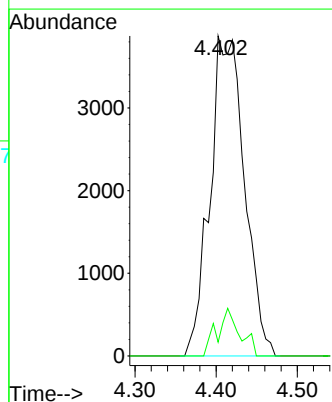
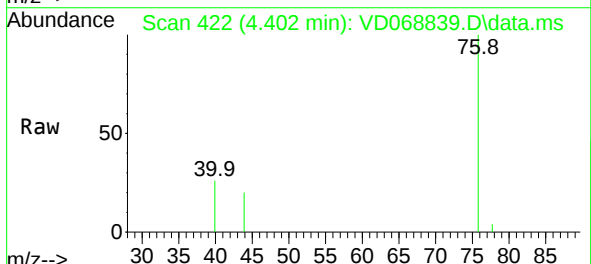
Instrument :
MSVOA_D
ClientSampled :

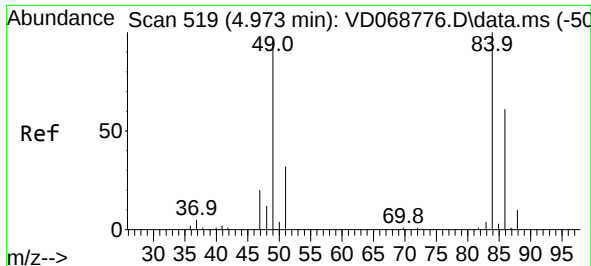
Tgt Ion: 43 Resp: 19158
Ion Ratio Lower Upper
43 100
58 36.0 28.0 42.0



#17
Carbon Disulfide
Concen: 1.40 ug/l
RT: 4.402 min Scan# 422
Delta R.T. -0.012 min
Lab File: VD068839.D
Acq: 12 Apr 2021 18:29

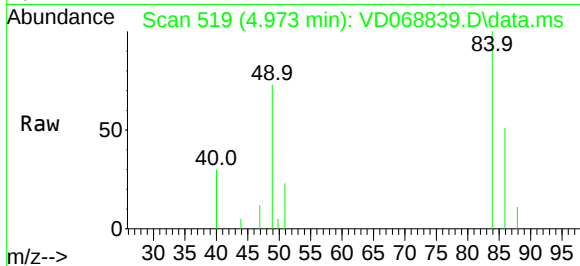
Tgt Ion: 76 Resp: 11433
Ion Ratio Lower Upper
76 100
78 4.3 7.3 10.9#



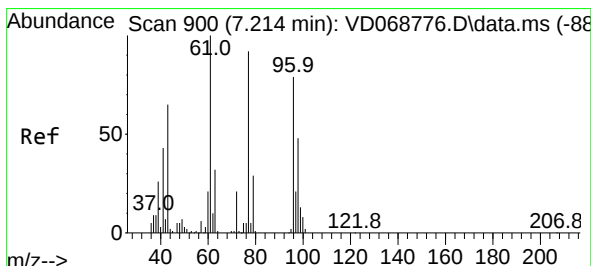
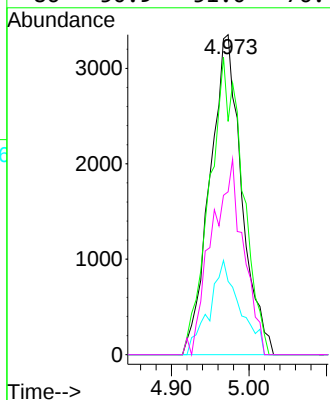
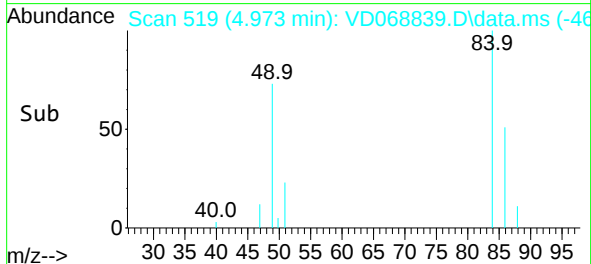


#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. -0.000 min
Lab File: VD068839.D
Acq: 12 Apr 2021 18:29

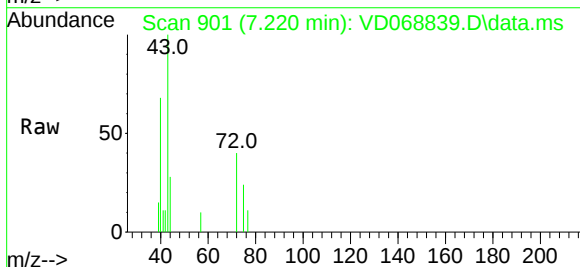
Instrument :
MSVOA_D
ClientSampleId :



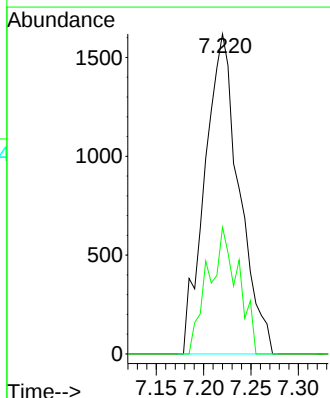
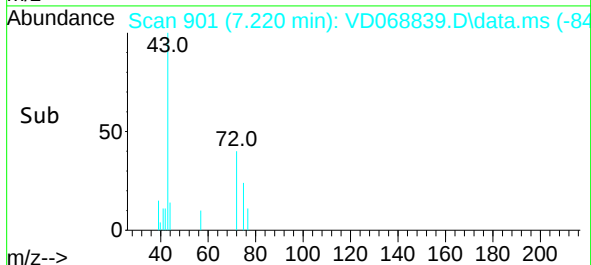
Tgt Ion	Ratio	Lower	Upper
84	100		
49	72.9	83.4	125.0#
51	22.9	23.4	35.2#
86	50.9	51.0	76.4#

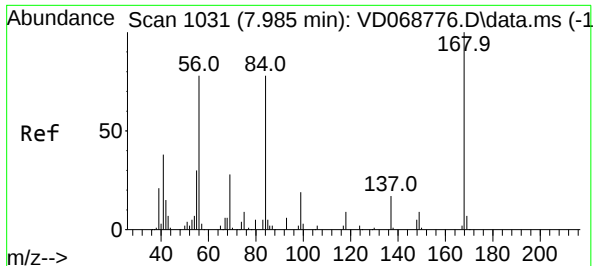


#25
2-Butanone
Concen: 7.86 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD068839.D
Acq: 12 Apr 2021 18:29



Tgt Ion	Ratio	Lower	Upper
43	100		
72	39.6	28.6	43.0

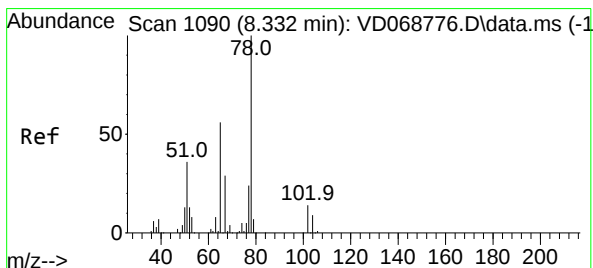
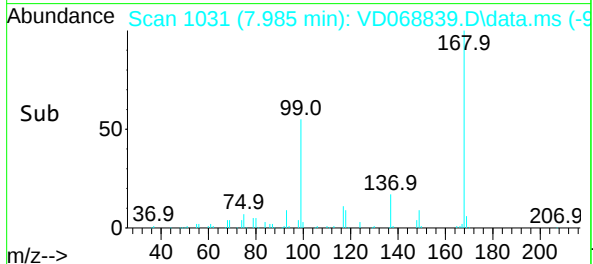
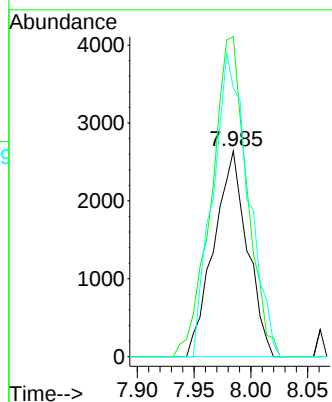
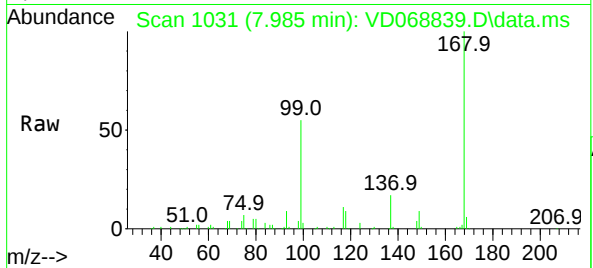




#31
Cyclohexane
Concen: 1.23 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068839.D
Acq: 12 Apr 2021 18:29

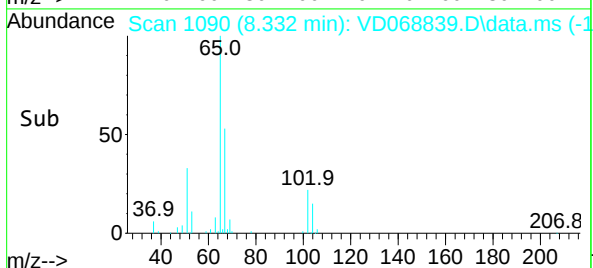
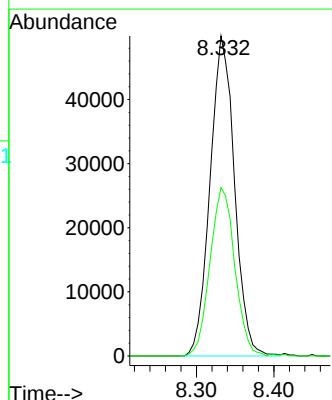
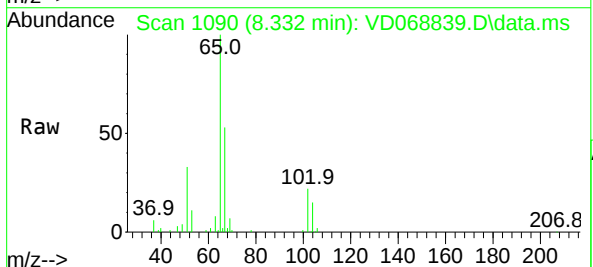
Instrument :
MSVOA_D
ClientSampleId :

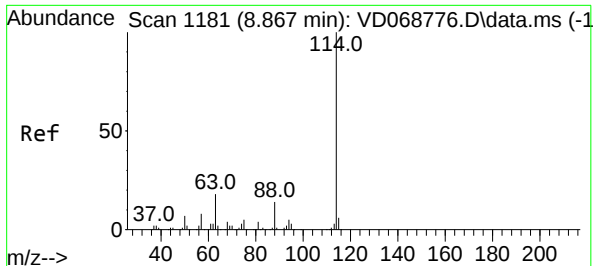
Tgt Ion: 56 Resp: 5428
Ion Ratio Lower Upper
56 100
69 155.6 30.0 45.0#
84 130.7 82.0 123.0#



#33
1,2-Dichloroethane-d4
Concen: 41.07 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068839.D
Acq: 12 Apr 2021 18:29

Tgt Ion: 65 Resp: 109256
Ion Ratio Lower Upper
65 100
67 53.4 0.0 106.0



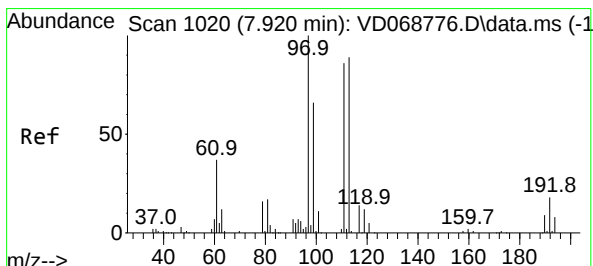
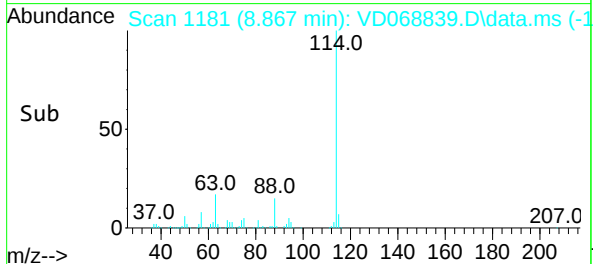
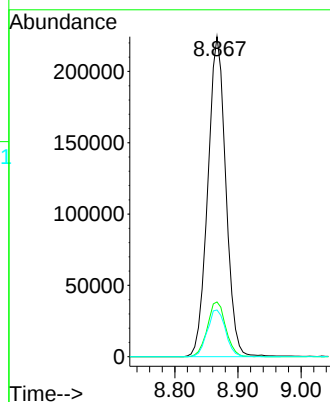
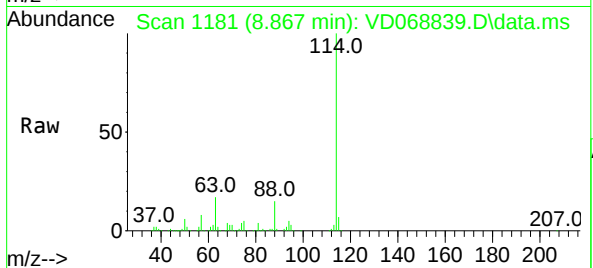


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068839.D
Acq: 12 Apr 2021 18:29

Instrument :
MSVOA_D
ClientSampleId :

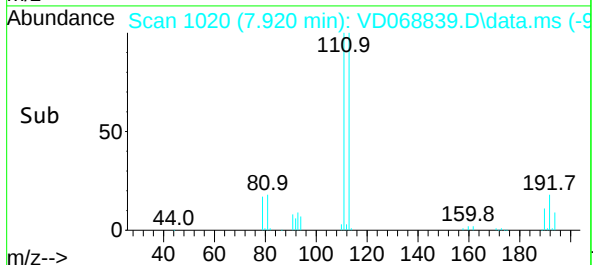
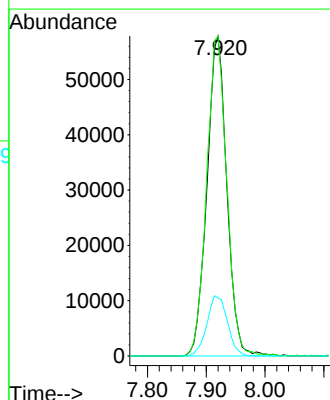
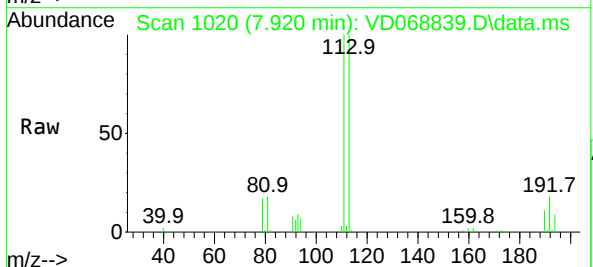
Tgt Ion:114 Resp: 443023
Ion Ratio Lower Upper
114 100
63 17.1 0.0 38.2
88 14.6 0.0 29.4

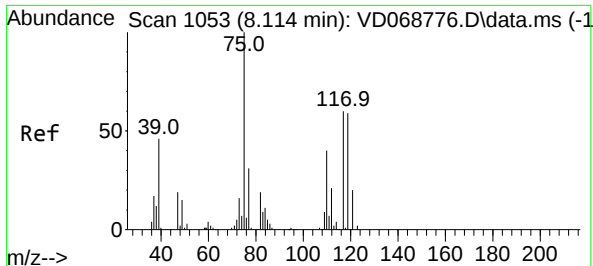


#35

Dibromofluoromethane
Concen: 47.17 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068839.D
Acq: 12 Apr 2021 18:29

Tgt Ion:113 Resp: 135913
Ion Ratio Lower Upper
113 100
111 101.4 82.5 123.7
192 19.4 15.1 22.7

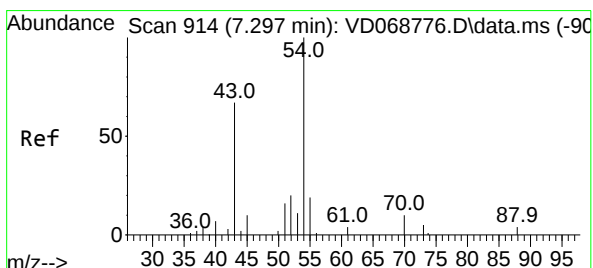
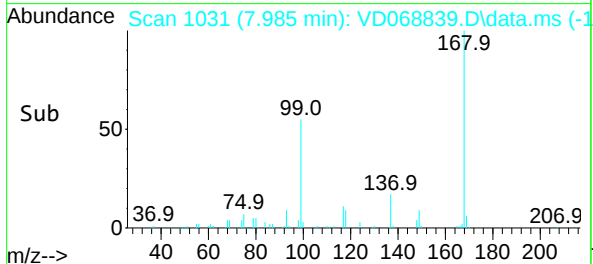
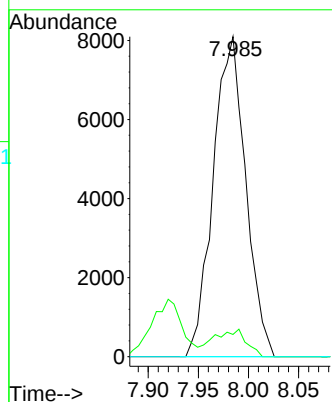
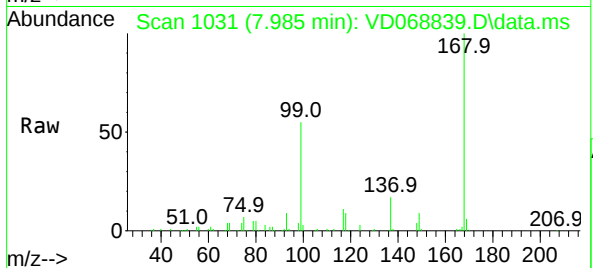




#36
1,1-Dichloropropene
Concen: 4.07 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.129 min
Lab File: VD068839.D
Acq: 12 Apr 2021 18:29

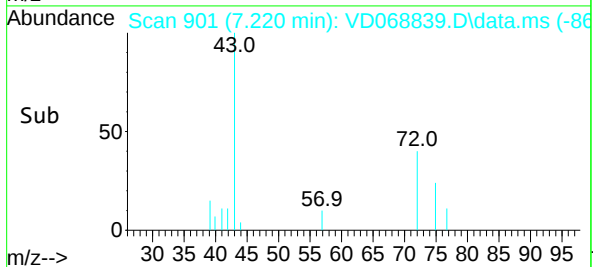
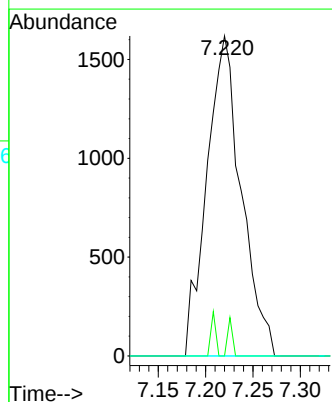
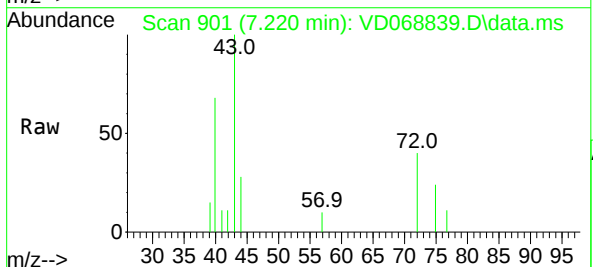
Instrument :
MSVOA_D
ClientSampled :

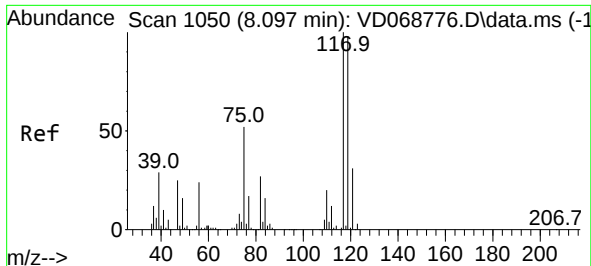
Tgt Ion: 75 Resp: 18247
Ion Ratio Lower Upper
75 100
110 8.6 18.1 54.4#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 3.11 ug/l
RT: 7.220 min Scan# 901
Delta R.T. -0.077 min
Lab File: VD068839.D
Acq: 12 Apr 2021 18:29

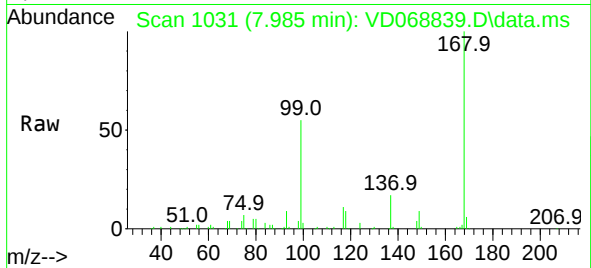
Tgt Ion: 43 Resp: 4095
Ion Ratio Lower Upper
43 100
61 1.7 14.2 21.4#
70 0.0 9.4 14.0#



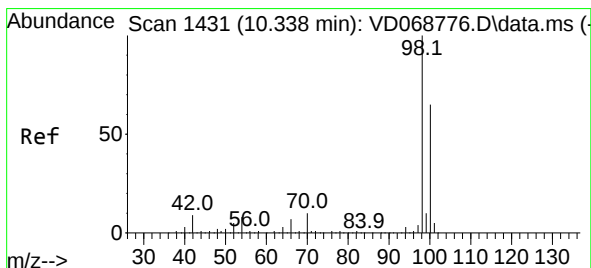
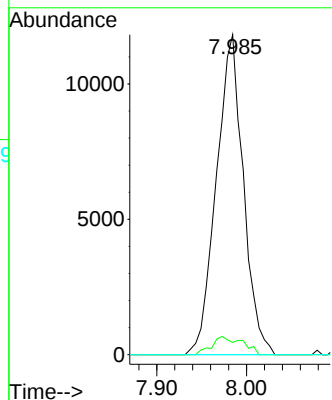
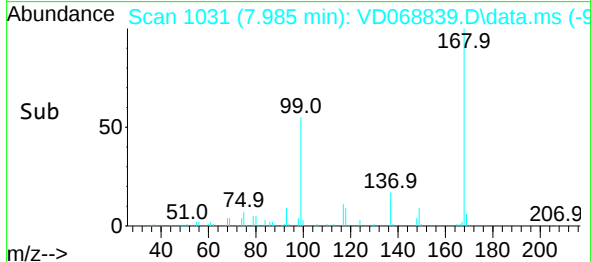


#38
Carbon Tetrachloride
Concen: 5.56 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD068839.D
Acq: 12 Apr 2021 18:29

Instrument :
MSVOA_D
ClientSampled :

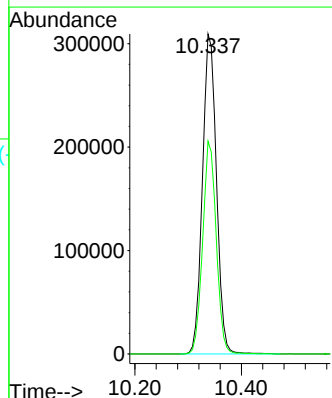
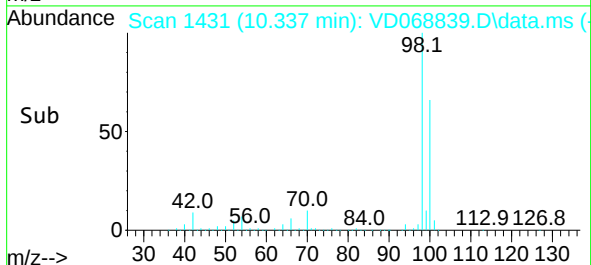
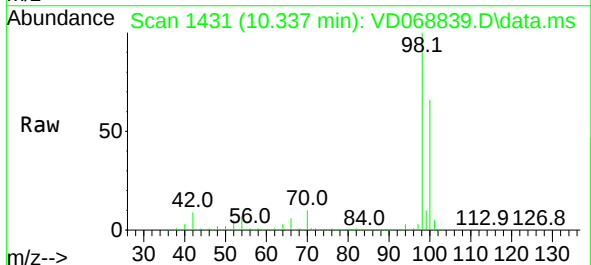


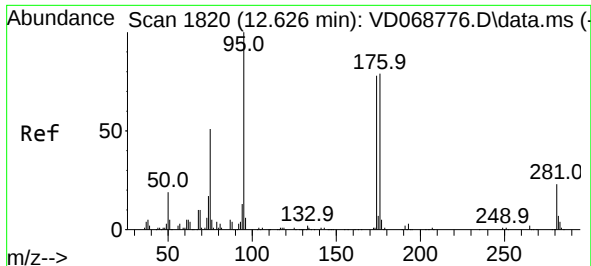
Tgt Ion:117 Resp: 24693
Ion Ratio Lower Upper
117 100
119 3.9 76.6 115.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 51.88 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.001 min
Lab File: VD068839.D
Acq: 12 Apr 2021 18:29

Tgt Ion: 98 Resp: 563925
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6

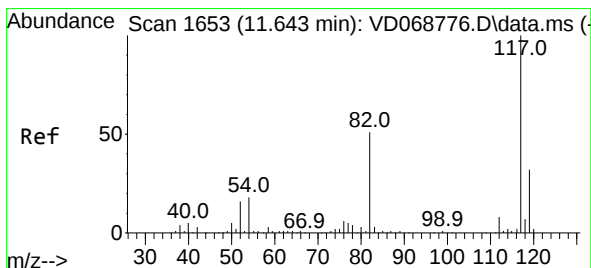
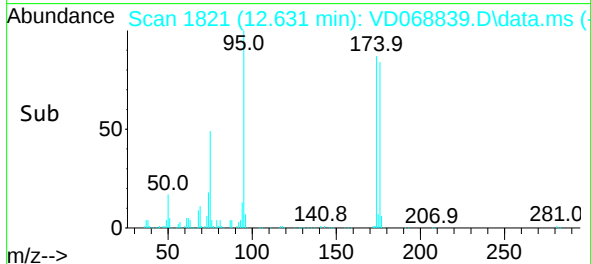
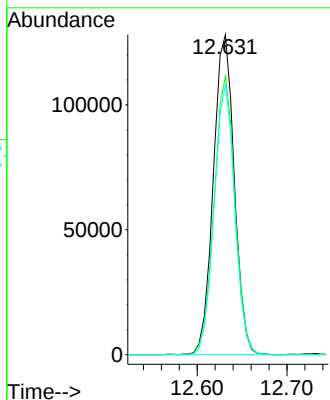
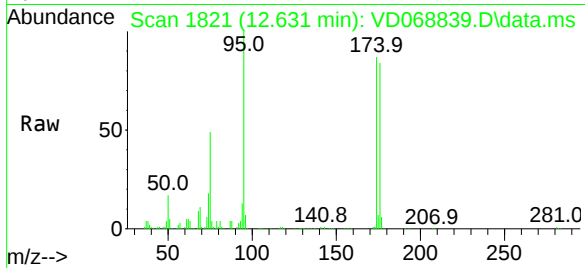




#62
4-Bromofluorobenzene
Concen: 57.44 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.005 min
Lab File: VD068839.D
Acq: 12 Apr 2021 18:29

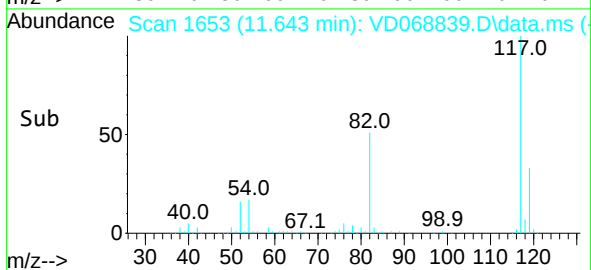
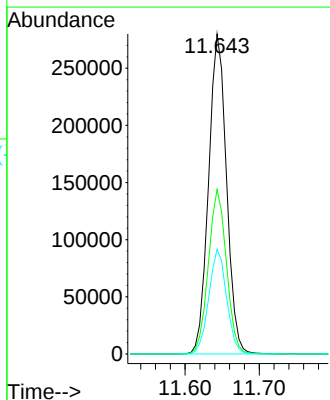
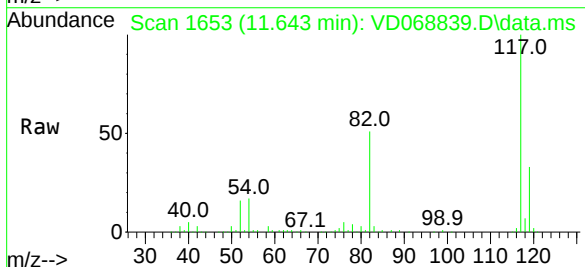
Instrument :
MSVOA_D
ClientSampled :

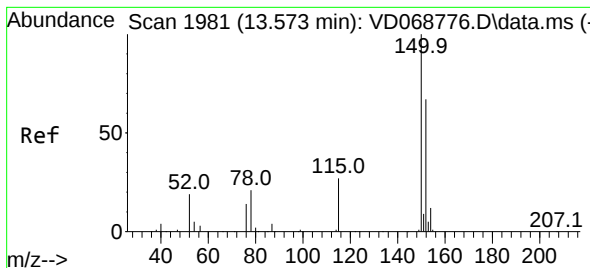
Tgt Ion: 95 Resp: 207388
Ion Ratio Lower Upper
95 100
174 86.9 0.0 168.0
176 82.9 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068839.D
Acq: 12 Apr 2021 18:29

Tgt Ion: 117 Resp: 470281
Ion Ratio Lower Upper
117 100
82 51.4 43.5 65.3
119 32.7 26.7 40.1

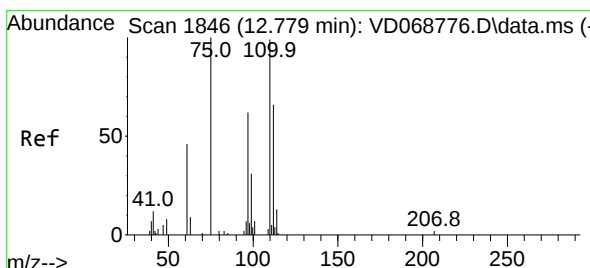
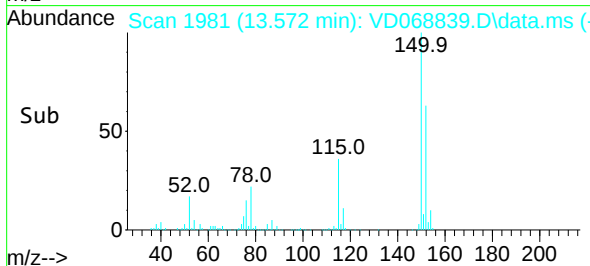
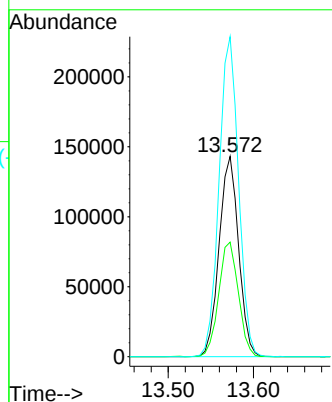
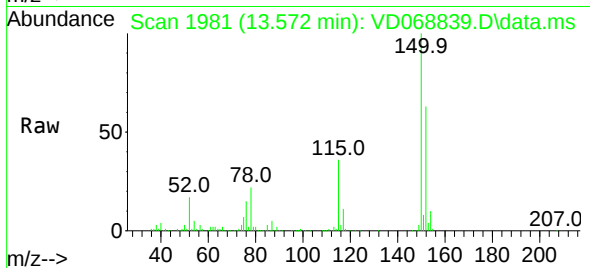




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.572 min Scan# 1981
Delta R.T. -0.001 min
Lab File: VD068839.D
Acq: 12 Apr 2021 18:29

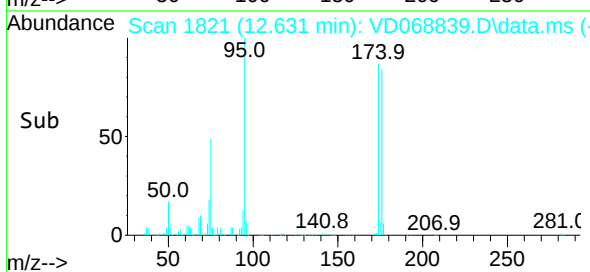
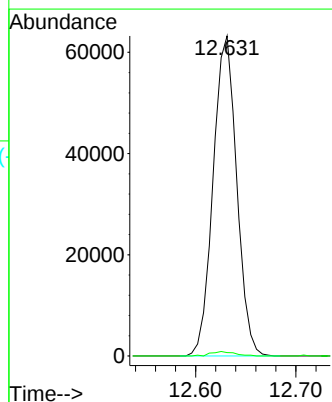
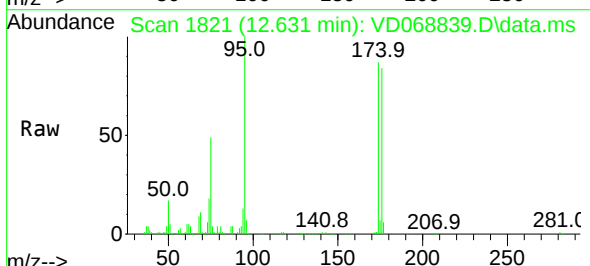
Instrument :
MSVOA_D
ClientSampled :

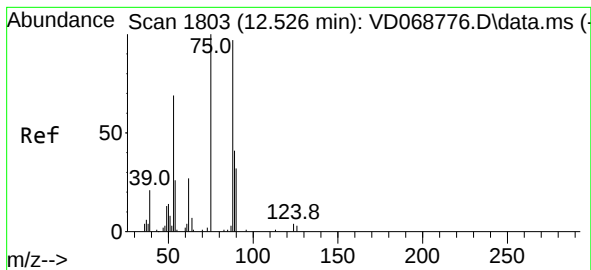
Tgt Ion:152 Resp: 227544
Ion Ratio Lower Upper
152 100
115 57.7 29.3 87.8
150 159.4 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 49.57 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.148 min
Lab File: VD068839.D
Acq: 12 Apr 2021 18:29

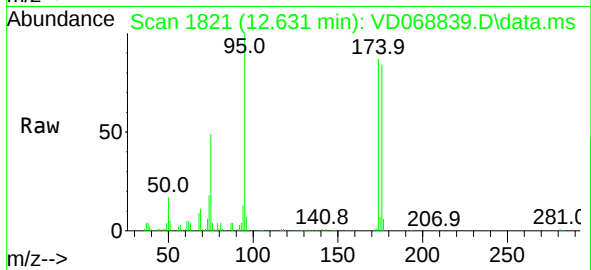
Tgt Ion: 75 Resp: 103047
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 115.04 ug/l
 RT: 12.631 min Scan# 1821
 Delta R.T. 0.105 min
 Lab File: VD068839.D
 Acq: 12 Apr 2021 18:29

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 103047
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.8 100.2#
 89 0.0 36.6 54.8#

