

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030221\
 Data File : VD068496.D
 Acq On : 02 Mar 2021 15:14
 Operator : VA/SY
 Sample : M1544-01
 Misc : 6.99G/5.00ml/MSVOA_D/soil
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TT-038-IDWSO-20210301

Quant Time: Mar 02 23:58:28 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)

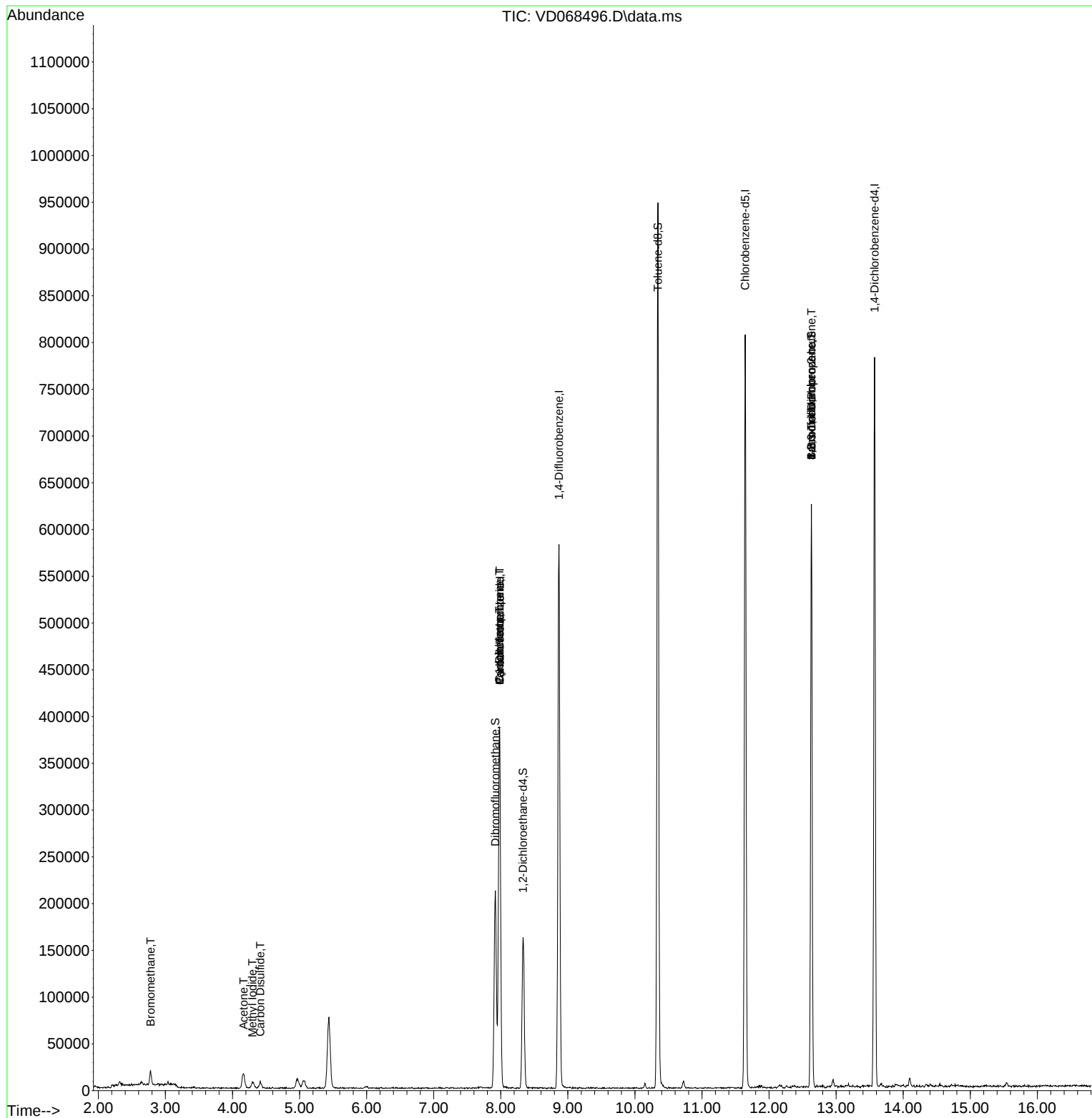
Internal Standards						
1) Pentafluorobenzene	7.985	168	301393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	534726	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	485290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	214302	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	133281	44.26	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.52%		
35) Dibromofluoromethane	7.920	113	152536	47.35	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.70%		
50) Toluene-d8	10.343	98	657764	51.27	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	102.54%		
62) 4-Bromofluorobenzene	12.631	95	198849	48.09	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.18%		
Target Compounds						
						Qvalue
5) Bromomethane	2.779	94	9395	3.01	ug/l	92
10) Methyl Iodide	4.297	142	11401	5.58	ug/l	92
16) Acetone	4.167	43	28001	58.54	ug/l	99
17) Carbon Disulfide	4.414	76	12655	1.28	ug/l	95
20) Methylene Chloride	4.973	84	9053	Below Cal		88
31) Cyclohexane	7.979	56	6313	1.15	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	22573	4.44	ug/l #	47
38) Carbon Tetrachloride	7.985	117	29709	6.22	ug/l #	15
71) Bromoform	12.631	173	1937	1.11	ug/l #	1
76) 1,2,3-Trichloropropane	12.631	75	100861	53.02	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.631	75	100861	123.72	ug/l #	13

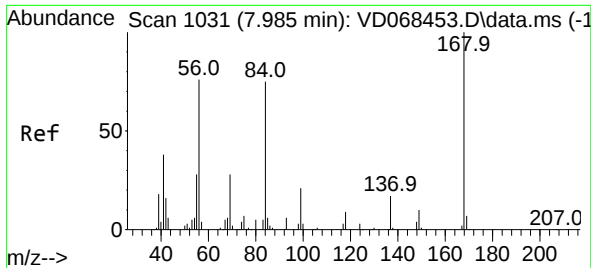
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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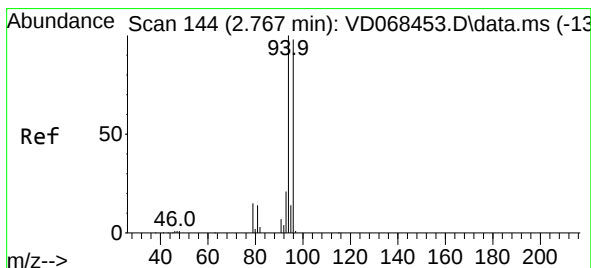
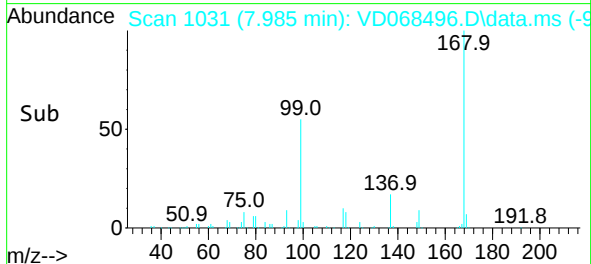
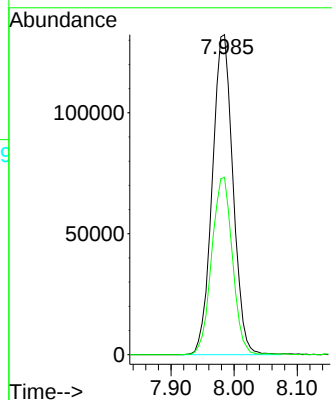
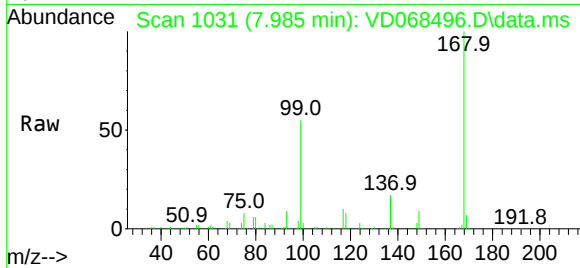




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068496.D
Acq: 02 Mar 2021 15:14

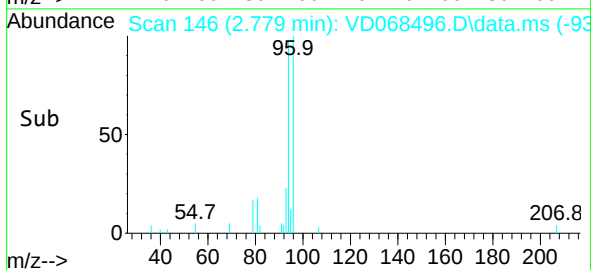
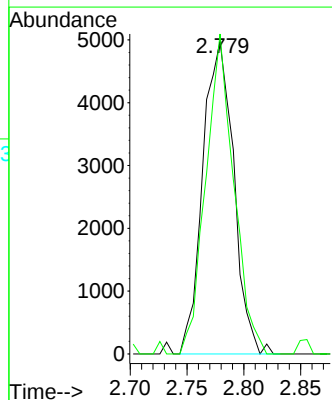
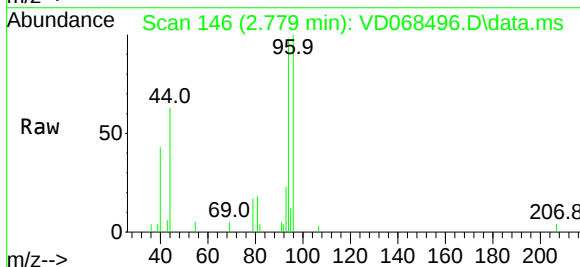
Instrument :
MSVOA_D
ClientSampleId :
TT-038-IDWSO-20210301

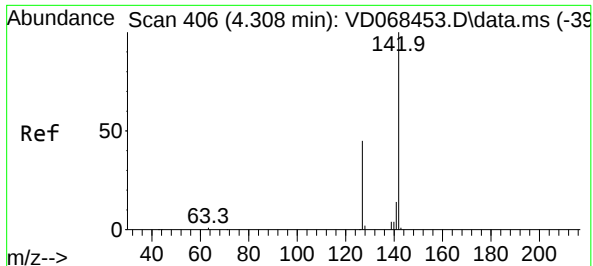
Tgt Ion:168 Resp: 301393
Ion Ratio Lower Upper
168 100
99 55.4 43.5 65.3



#5
Bromomethane
Concen: 3.01 ug/l
RT: 2.779 min Scan# 146
Delta R.T. 0.012 min
Lab File: VD068496.D
Acq: 02 Mar 2021 15:14

Tgt Ion: 94 Resp: 9395
Ion Ratio Lower Upper
94 100
96 102.4 75.8 113.8

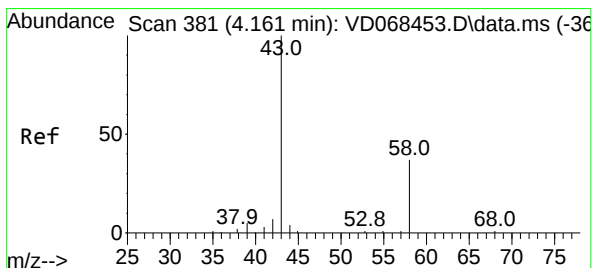
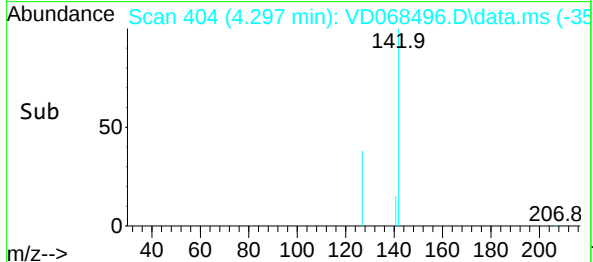
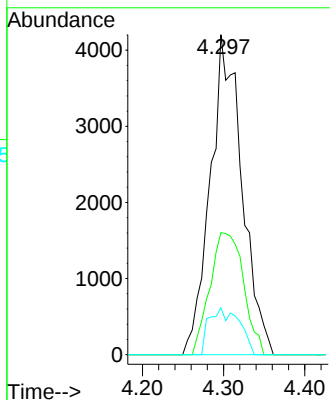
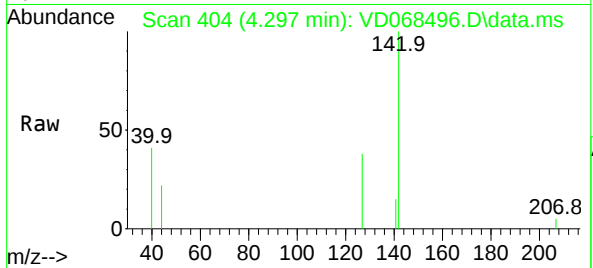




#10
Methyl Iodide
Concen: 5.58 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.011 min
Lab File: VD068496.D
Acq: 02 Mar 2021 15:14

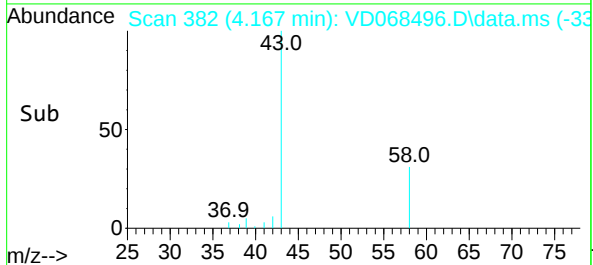
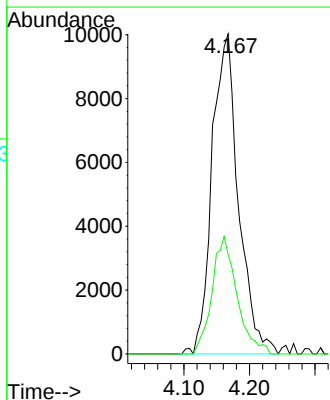
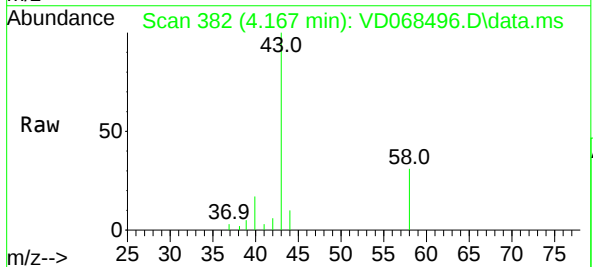
Instrument :
MSVOA_D
ClientSampleId :
TT-038-IDWSO-20210301

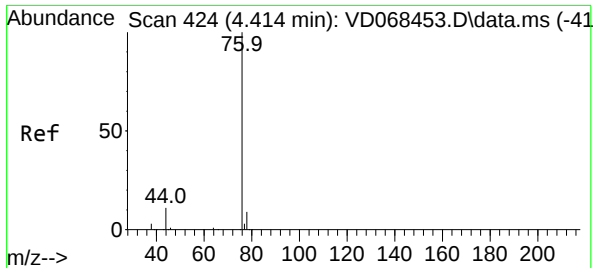
Tgt Ion:142 Resp: 11401
Ion Ratio Lower Upper
142 100
127 40.4 37.9 56.9
141 14.0 11.5 17.3



#16
Acetone
Concen: 58.54 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068496.D
Acq: 02 Mar 2021 15:14

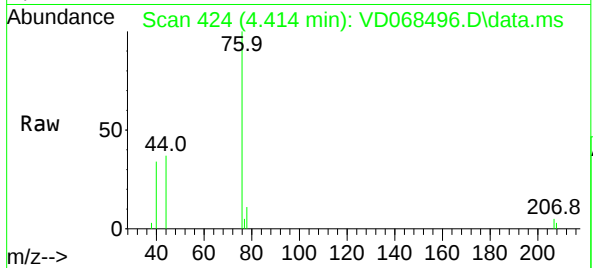
Tgt Ion: 43 Resp: 28001
Ion Ratio Lower Upper
43 100
58 31.1 24.2 36.4



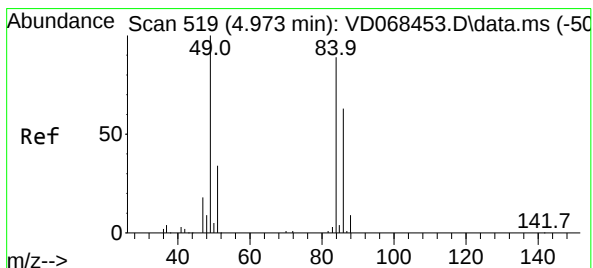
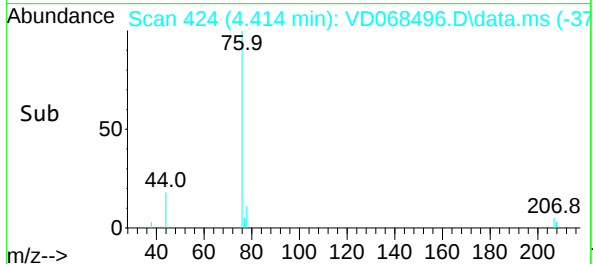
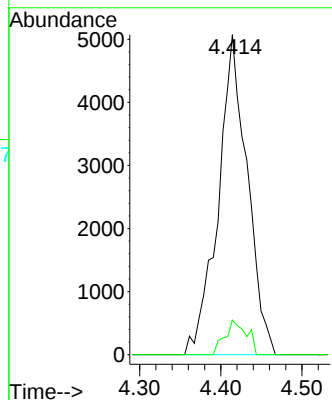


#17
Carbon Disulfide
Concen: 1.28 ug/l
RT: 4.414 min Scan# 424
Delta R.T. 0.000 min
Lab File: VD068496.D
Acq: 02 Mar 2021 15:14

Instrument :
MSVOA_D
ClientSampleId :
TT-038-IDWSO-20210301

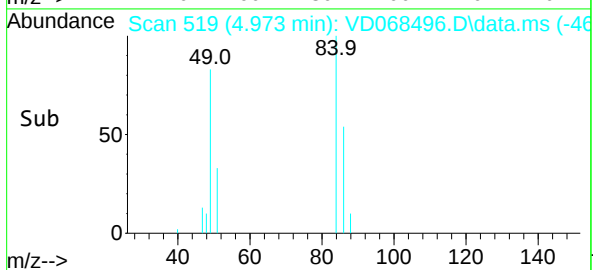
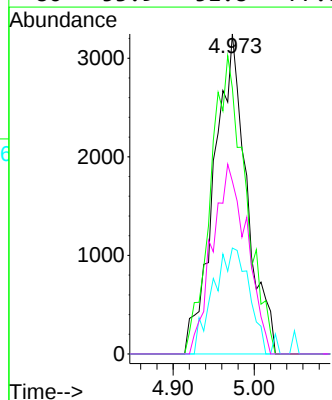
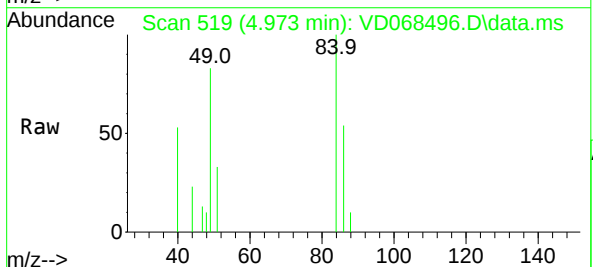


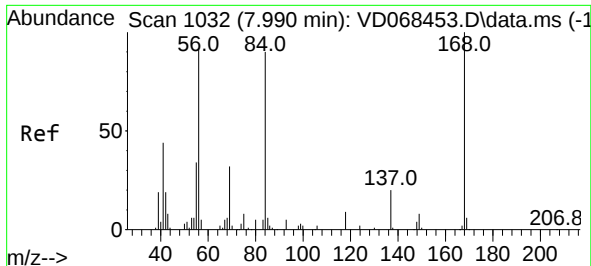
Tgt Ion: 76 Resp: 12655
Ion Ratio Lower Upper
76 100
78 10.8 7.3 10.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068496.D
Acq: 02 Mar 2021 15:14

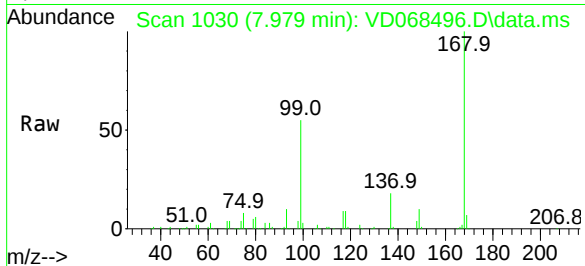
Tgt Ion: 84 Resp: 9053
Ion Ratio Lower Upper
84 100
49 83.1 77.4 116.2
51 33.1 26.1 39.1
86 53.9 51.8 77.8



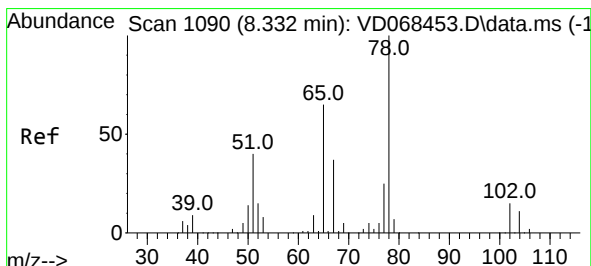
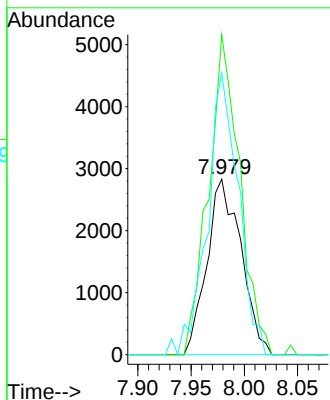
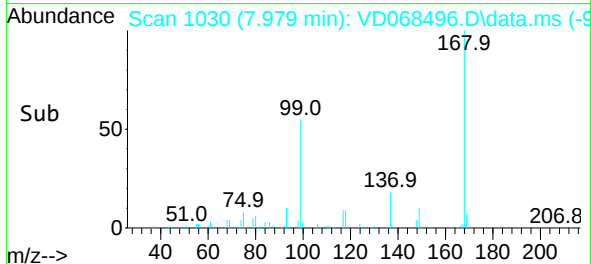


#31
Cyclohexane
Concen: 1.15 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.012 min
Lab File: VD068496.D
Acq: 02 Mar 2021 15:14

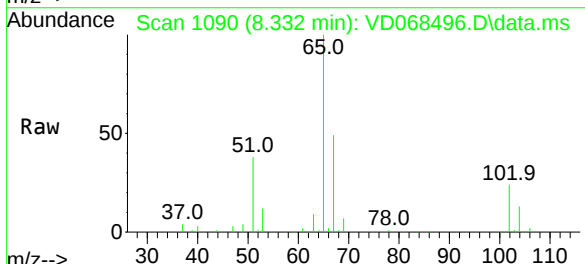
Instrument :
MSVOA_D
ClientSampleId :
TT-038-IDWSO-20210301



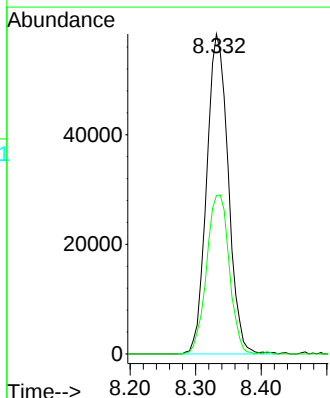
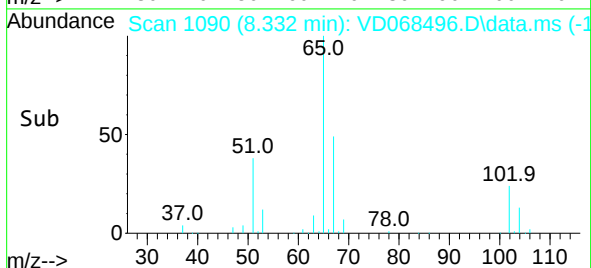
Tgt Ion: 56 Resp: 6313
Ion Ratio Lower Upper
56 100
69 182.2 30.1 45.1#
84 160.4 82.1 123.1#

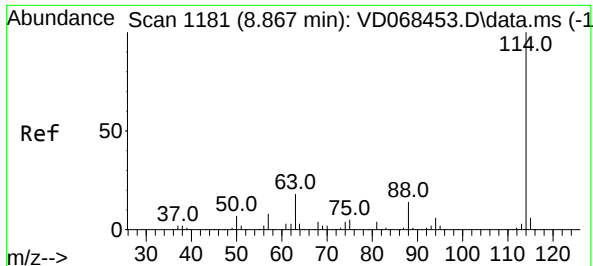


#33
1,2-Dichloroethane-d4
Concen: 44.26 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068496.D
Acq: 02 Mar 2021 15:14



Tgt Ion: 65 Resp: 133281
Ion Ratio Lower Upper
65 100
67 52.1 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: VD068496.D

Acq: 02 Mar 2021 15:14

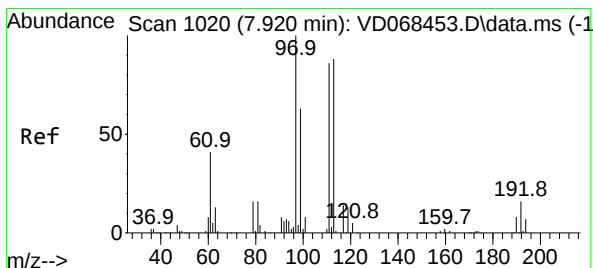
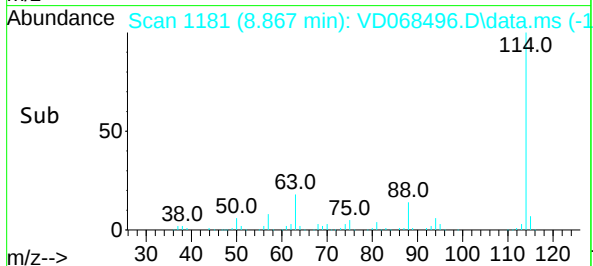
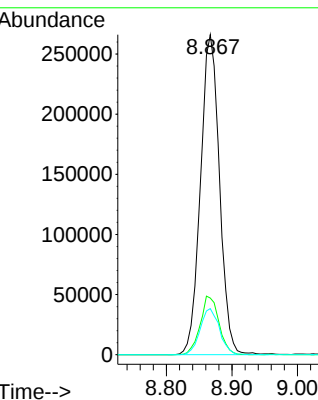
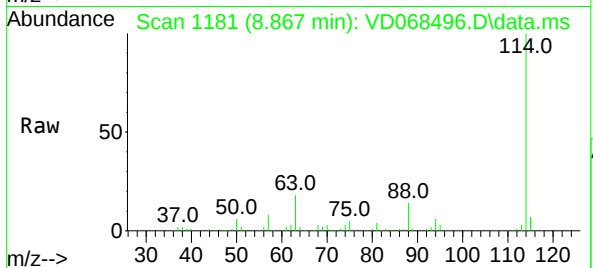
Tgt Ion:114 Resp: 534726

Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.8

88 14.4 0.0 31.6



#35

Dibromofluoromethane

Concen: 47.35 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068496.D

Acq: 02 Mar 2021 15:14

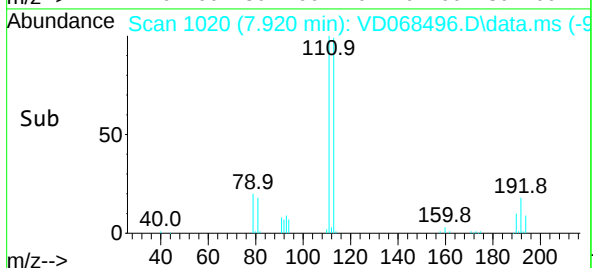
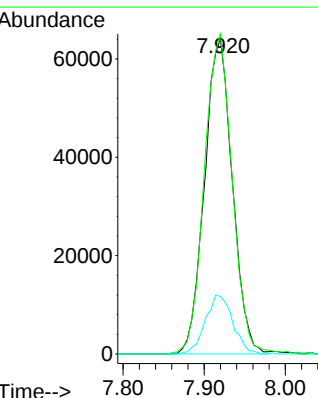
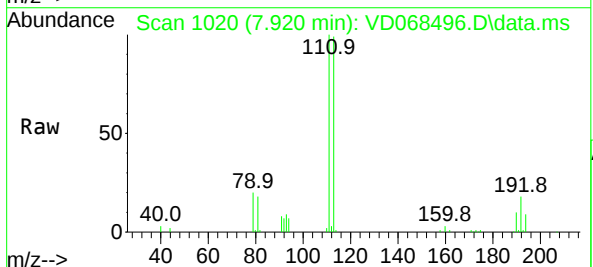
Tgt Ion:113 Resp: 152536

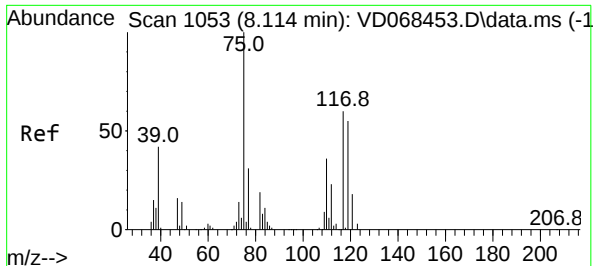
Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

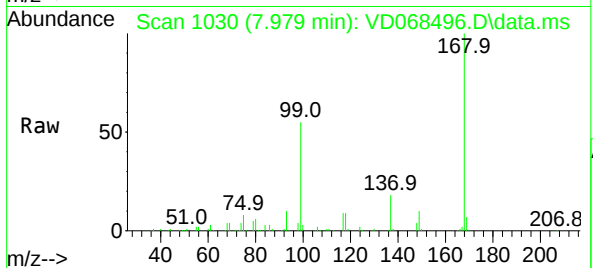
192 18.5 16.1 24.1



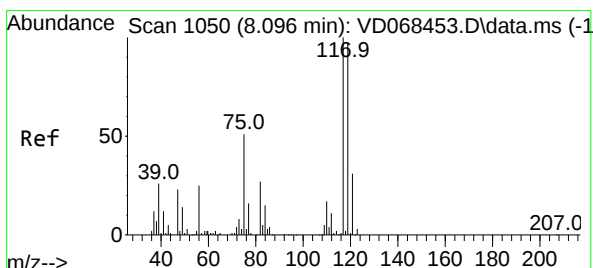
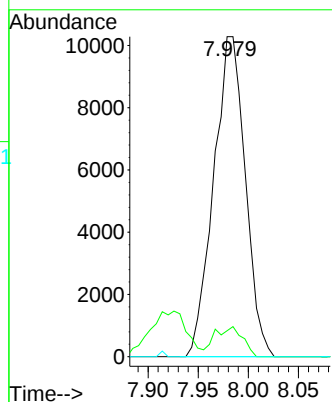
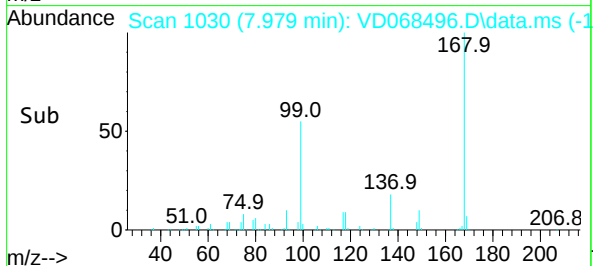


#36
1,1-Dichloropropene
Concen: 4.44 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068496.D
Acq: 02 Mar 2021 15:14

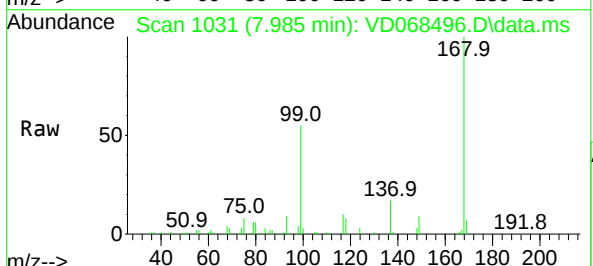
Instrument :
MSVOA_D
ClientSampleId :
TT-038-IDWSO-20210301



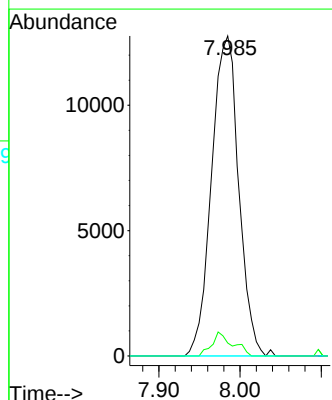
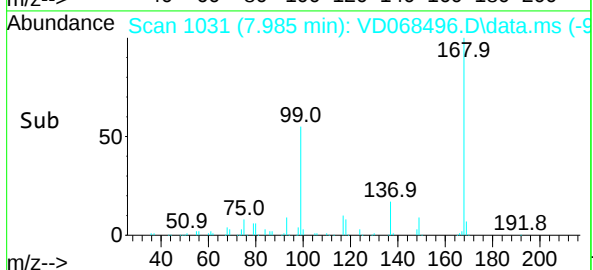
Tgt Ion: 75 Resp: 22573
Ion Ratio Lower Upper
75 100
110 8.2 19.4 58.2#
77 0.0 25.3 37.9#

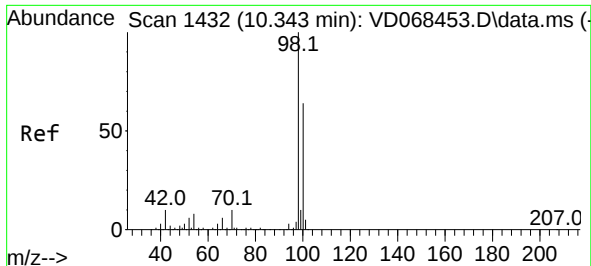


#38
Carbon Tetrachloride
Concen: 6.22 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD068496.D
Acq: 02 Mar 2021 15:14



Tgt Ion: 117 Resp: 29709
Ion Ratio Lower Upper
117 100
119 4.1 77.3 115.9#
121 0.0 24.7 37.1#

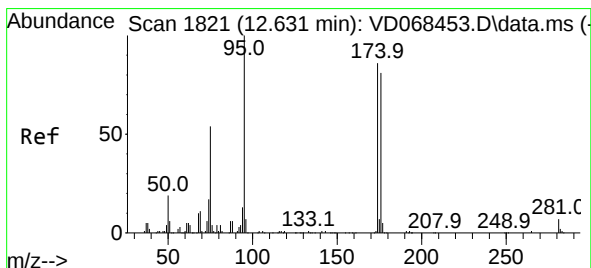
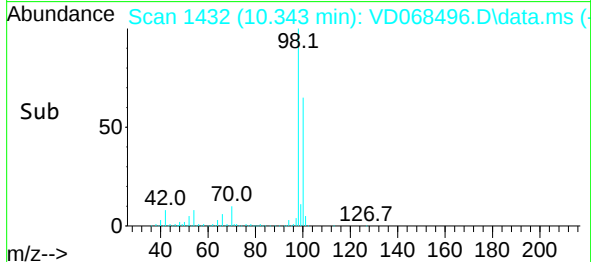
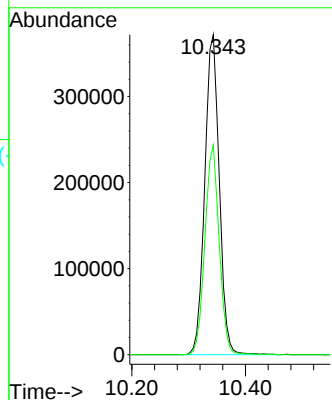
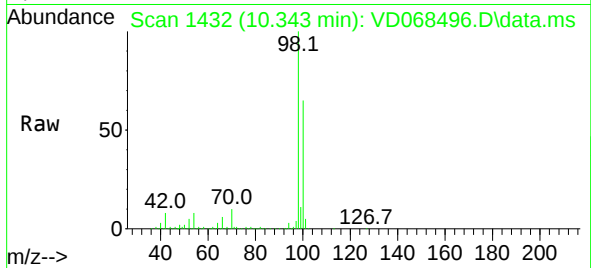




#50
Toluene-d8
Concen: 51.27 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068496.D
Acq: 02 Mar 2021 15:14

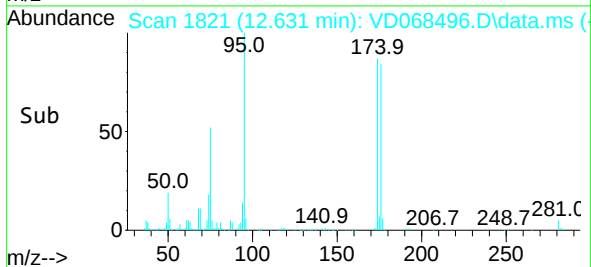
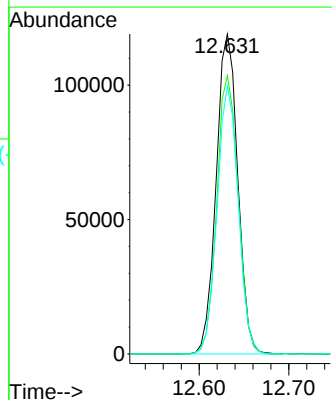
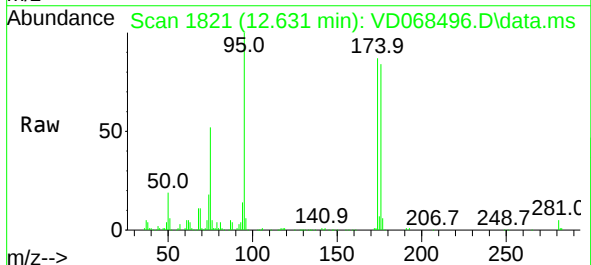
Instrument :
MSVOA_D
ClientSampleId :
TT-038-IDWSO-20210301

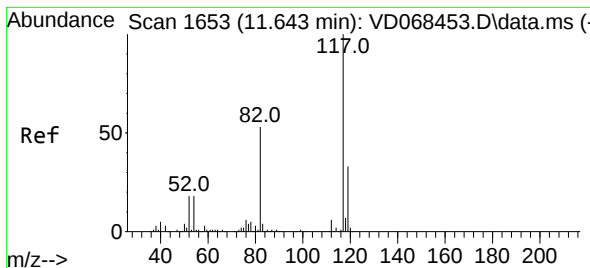
Tgt Ion: 98 Resp: 657764
Ion Ratio Lower Upper
98 100
100 64.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 48.09 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068496.D
Acq: 02 Mar 2021 15:14

Tgt Ion: 95 Resp: 198849
Ion Ratio Lower Upper
95 100
174 86.3 0.0 172.4
176 82.1 0.0 168.4

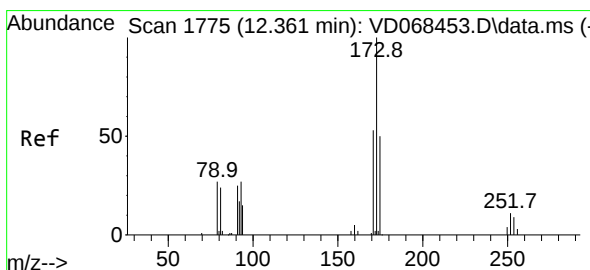
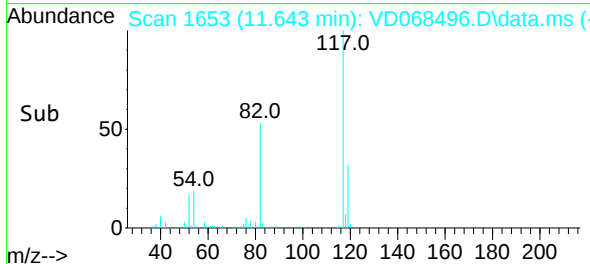
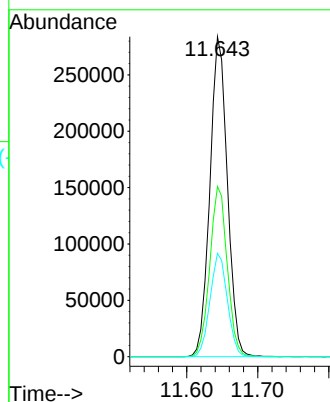
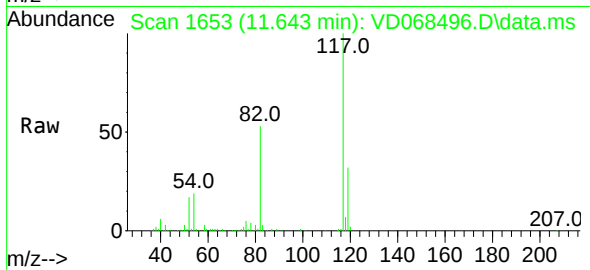




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068496.D
Acq: 02 Mar 2021 15:14

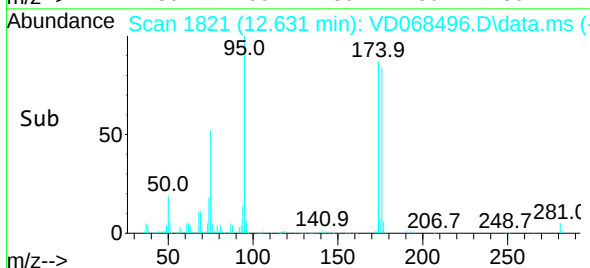
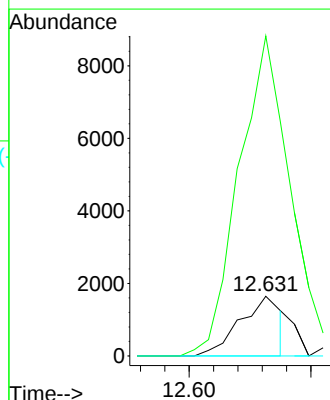
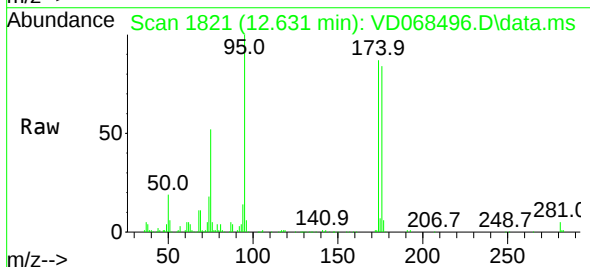
Instrument :
MSVOA_D
ClientSampleId :
TT-038-IDWSO-20210301

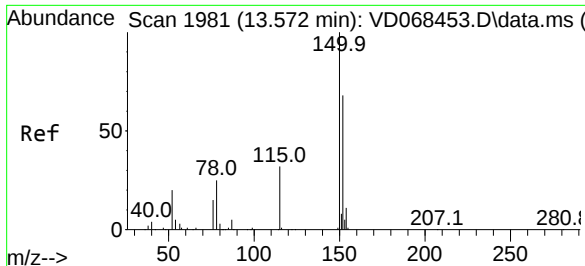
Tgt Ion:117 Resp: 485290
Ion Ratio Lower Upper
117 100
82 53.2 41.4 62.0
119 32.3 26.1 39.1



#71
Bromoform
Concen: 1.11 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.271 min
Lab File: VD068496.D
Acq: 02 Mar 2021 15:14

Tgt Ion:173 Resp: 1937
Ion Ratio Lower Upper
173 100
175 542.3 24.6 73.8#
254 0.0 0.0 0.0

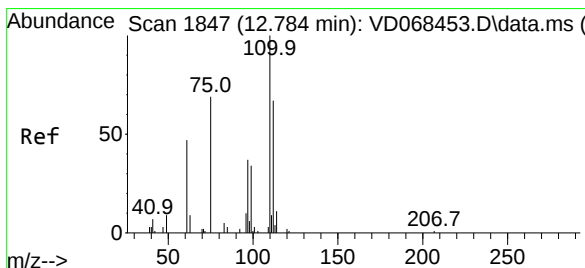
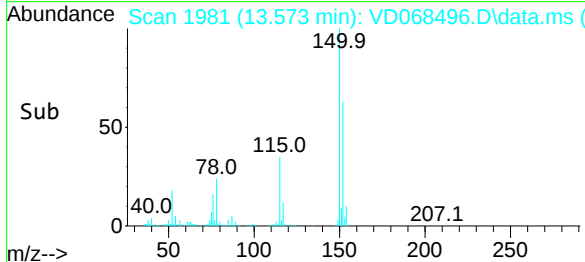
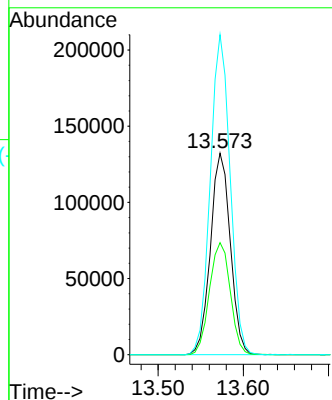
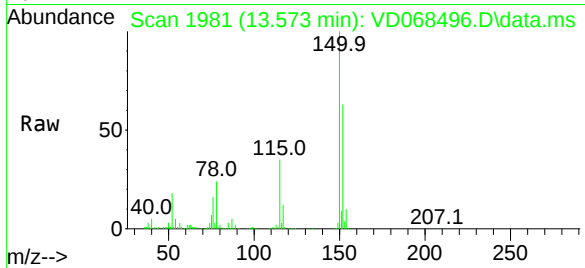




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068496.D
Acq: 02 Mar 2021 15:14

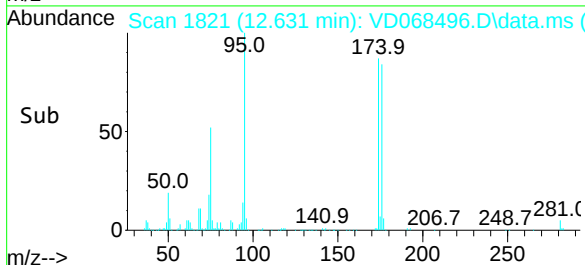
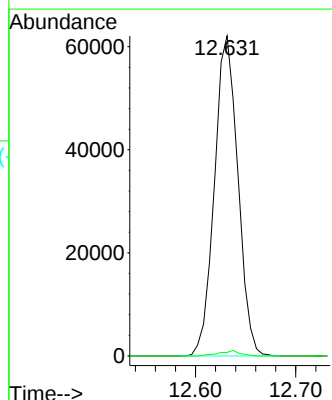
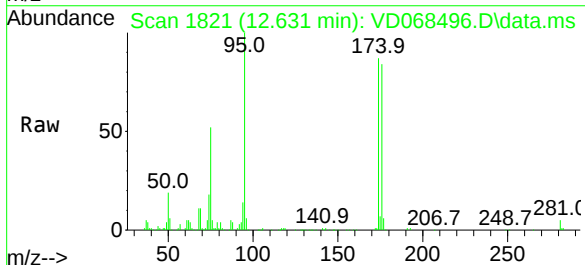
Instrument :
MSVOA_D
ClientSampleId :
TT-038-IDWSO-20210301

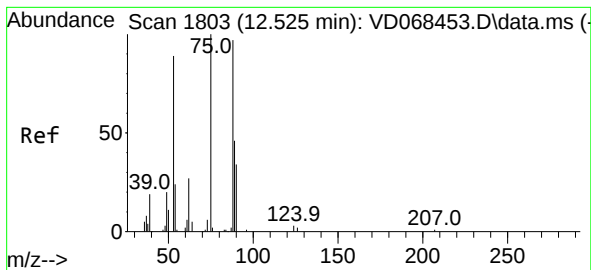
Tgt Ion:152 Resp: 214302
Ion Ratio Lower Upper
152 100
115 58.2 28.9 86.8
150 158.3 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 53.02 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068496.D
Acq: 02 Mar 2021 15:14

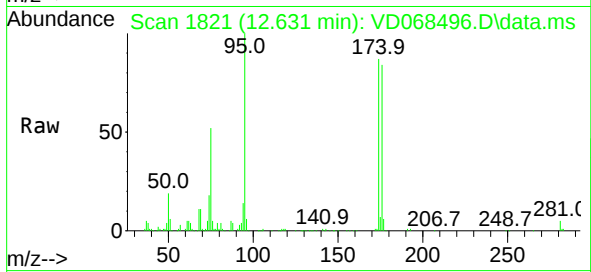
Tgt Ion: 75 Resp: 100861
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 123.72 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068496.D
Acq: 02 Mar 2021 15:14

Instrument :
MSVOA_D
ClientSampleId :
TT-038-IDWSO-20210301



Tgt Ion: 75 Resp: 100861
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.0 40.3 60.5#

