

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032621\
 Data File : VD068690.D
 Acq On : 26 Mar 2021 17:57
 Operator : VA/SY
 Sample : M1832-02
 Misc : 4.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 IG002

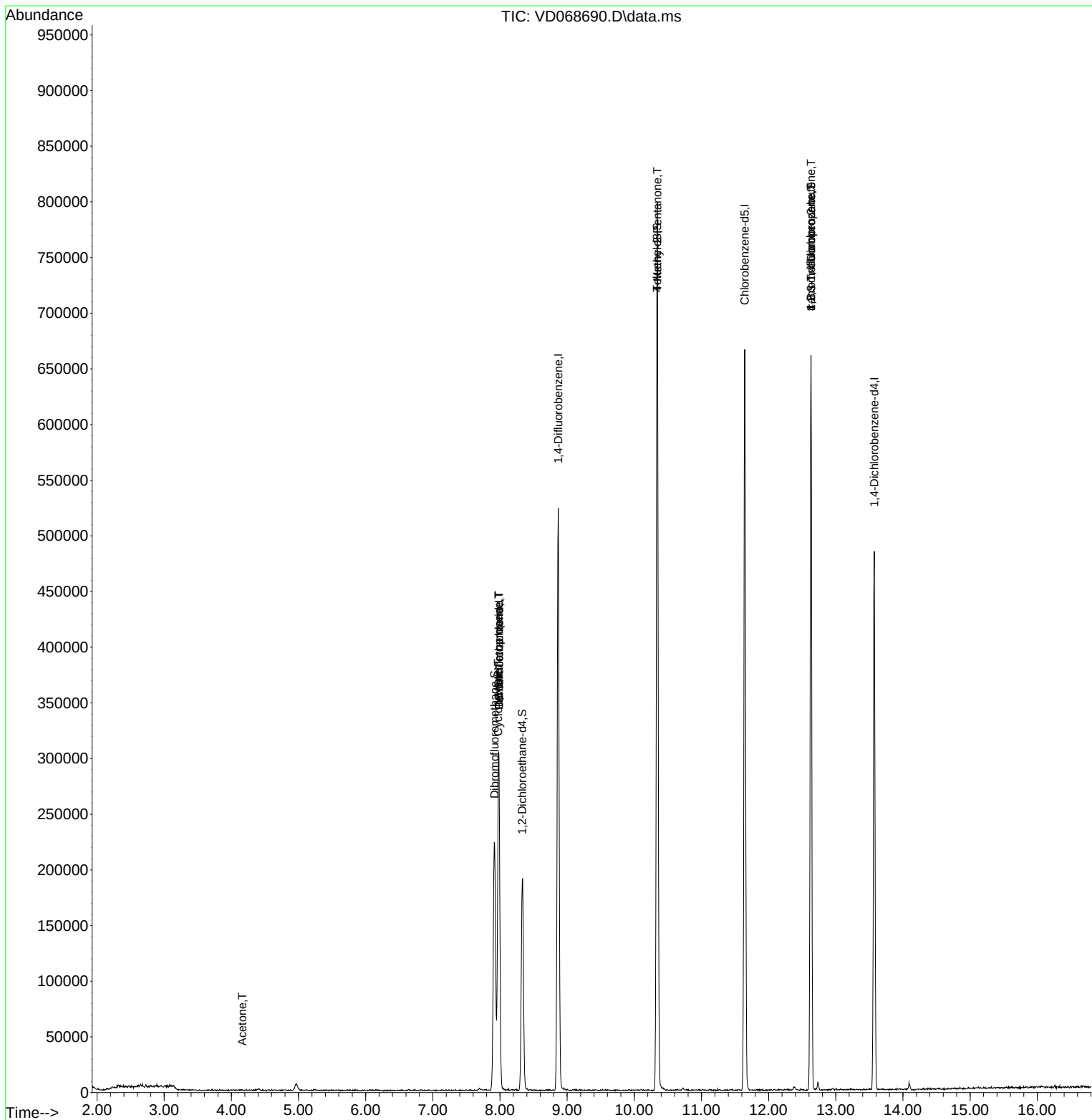
Quant Time: Mar 27 00:45:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

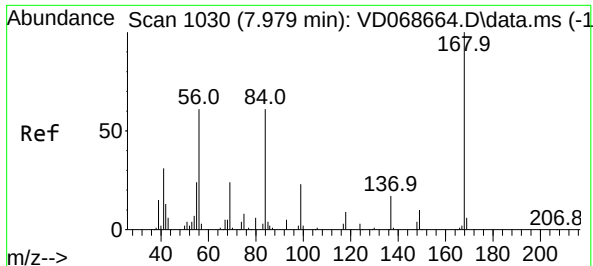
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.985	168	239504	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	468496	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	401124	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	130030	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	154263	63.88	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 127.76%			
35) Dibromofluoromethane	7.920	113	167531	57.47	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.94%			
50) Toluene-d8	10.338	98	563807	50.17	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.34%			
62) 4-Bromofluorobenzene	12.632	95	157417	43.20	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 86.40%			
Target Compounds						
16) Acetone	4.162	43	384	1.31	ug/l #	40
20) Methylene Chloride	4.967	84	4740	Below Cal	#	83
31) Cyclohexane	7.973	56	5160	1.32	ug/l #	64
36) 1,1-Dichloropropene	7.979	75	17869	4.27	ug/l #	49
38) Carbon Tetrachloride	7.985	117	24793	5.94	ug/l #	15
51) 4-Methyl-2-Pentanone	10.344	43	2260	1.71	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	79153	73.14	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	79153	166.40	ug/l #	16

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

Quant Time: Mar 27 00:45:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
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Response via : Initial Calibration

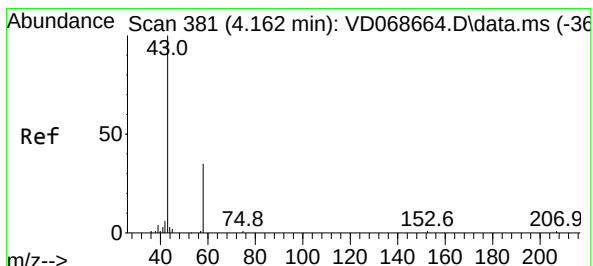
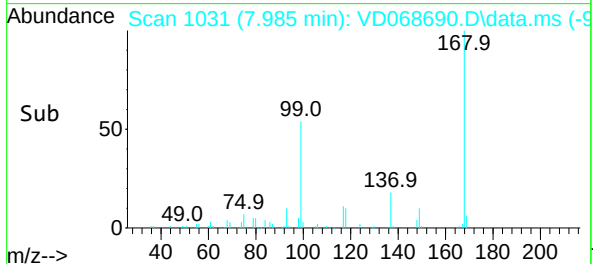
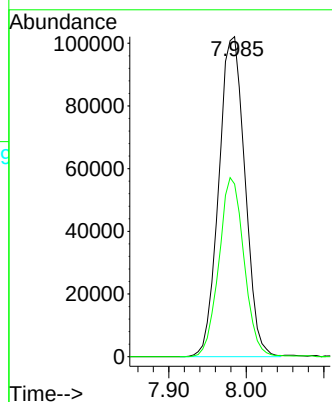
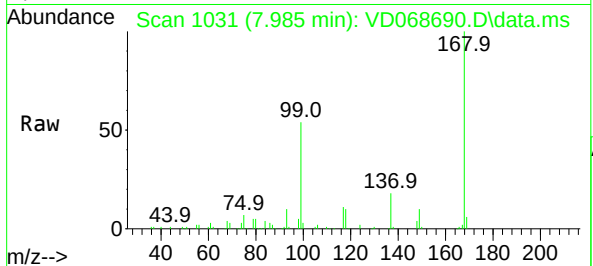




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068690.D
Acq: 26 Mar 2021 17:57

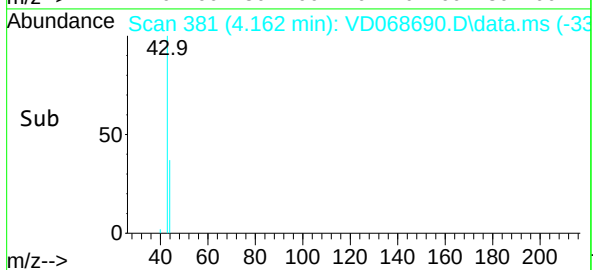
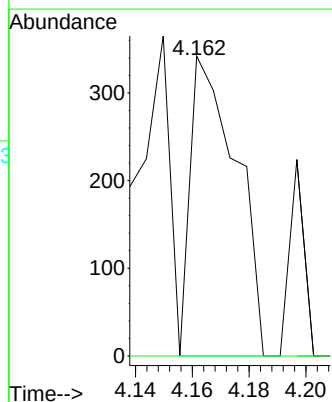
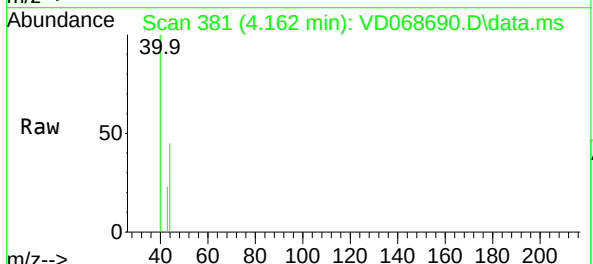
Instrument :
MSVOA_D
ClientSampled :
IG002

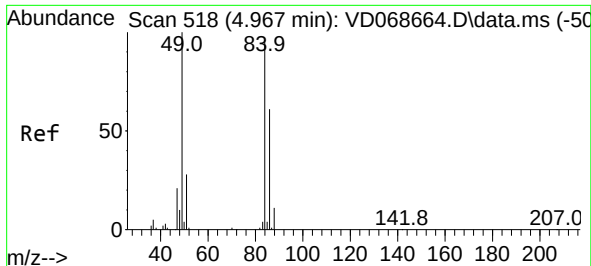
Tgt Ion:168 Resp: 239504
Ion Ratio Lower Upper
168 100
99 53.9 46.2 69.2



#16
Acetone
Concen: 1.31 ug/l
RT: 4.162 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD068690.D
Acq: 26 Mar 2021 17:57

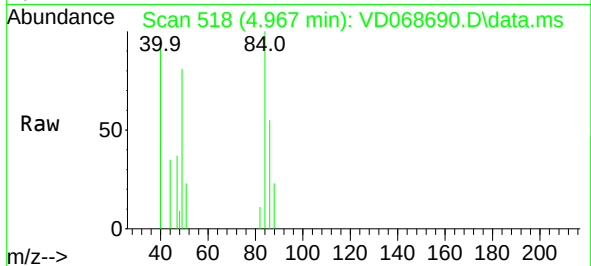
Tgt Ion: 43 Resp: 384
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



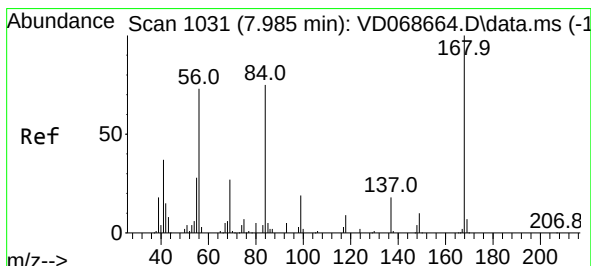
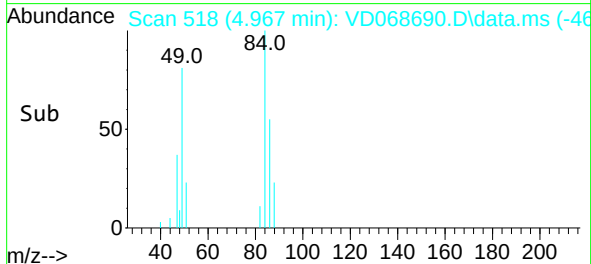
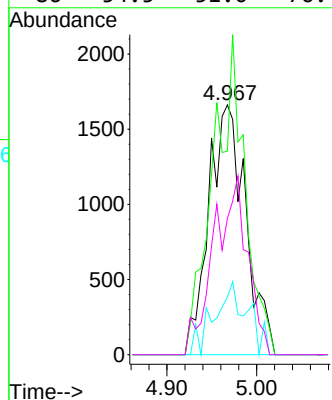


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD068690.D
Acq: 26 Mar 2021 17:57

Instrument :
MSVOA_D
ClientSampleId :
IG002

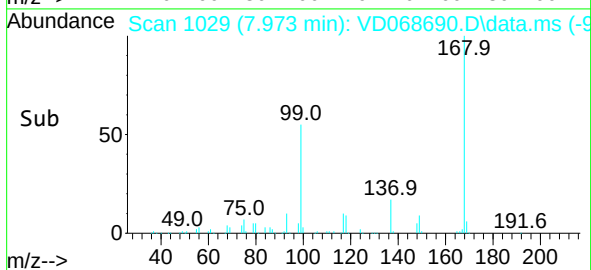
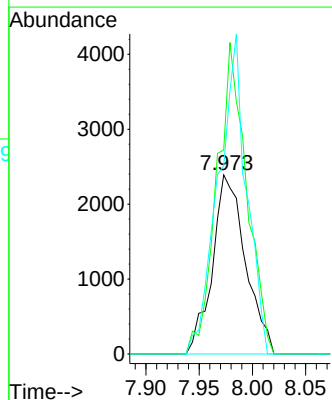
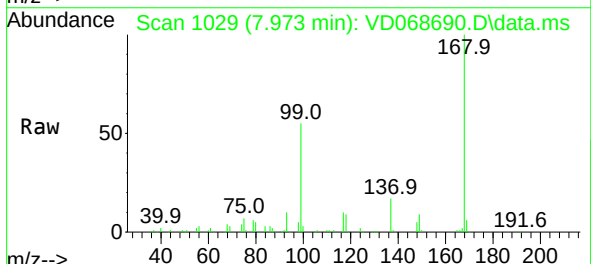


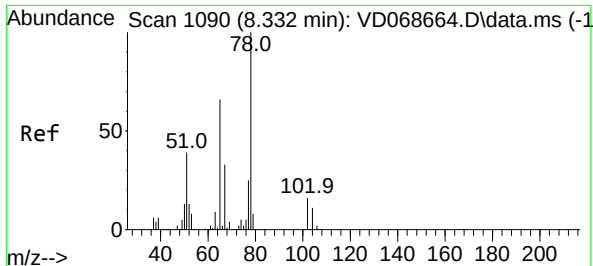
Tgt Ion:	84	Resp:	4740
Ion	Ratio	Lower	Upper
84	100		
49	81.5	83.4	125.0#
51	23.0	23.4	35.2#
86	54.5	51.0	76.4



#31
Cyclohexane
Concen: 1.32 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD068690.D
Acq: 26 Mar 2021 17:57

Tgt Ion:	56	Resp:	5160
Ion	Ratio	Lower	Upper
56	100		
69	114.0	30.0	45.0#
84	105.1	82.0	123.0

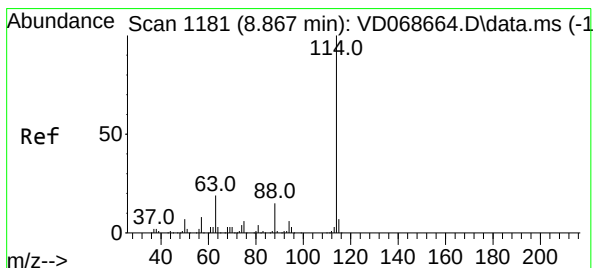
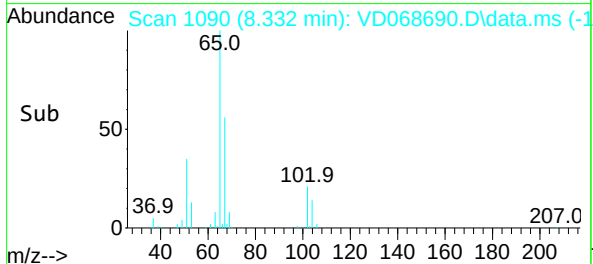
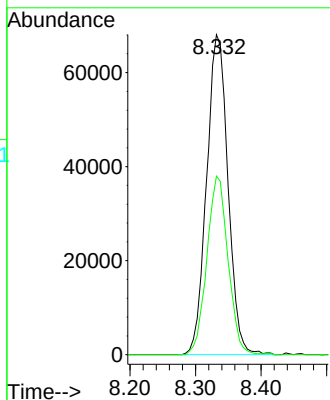
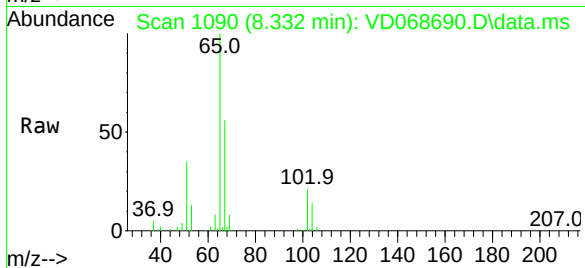




#33
1,2-Dichloroethane-d4
Concen: 63.88 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068690.D
Acq: 26 Mar 2021 17:57

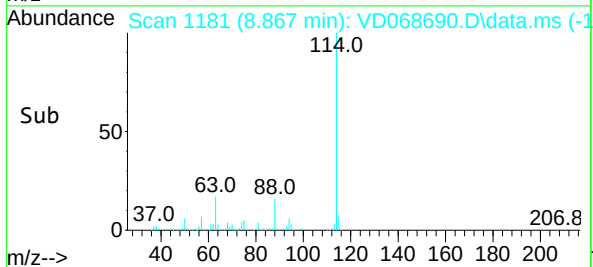
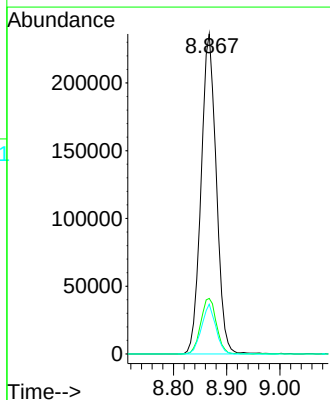
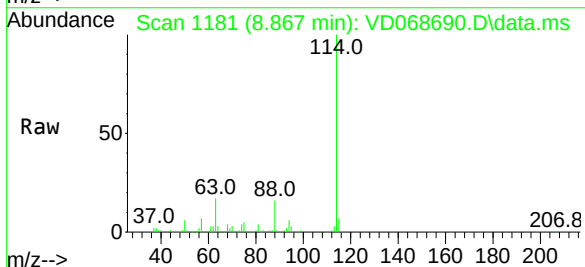
Instrument :
MSVOA_D
ClientSampleId :
IG002

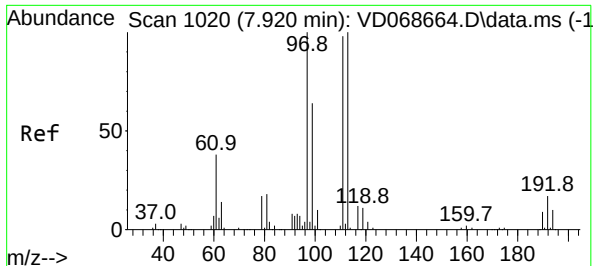
Tgt Ion: 65 Resp: 154263
Ion Ratio Lower Upper
65 100
67 55.1 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068690.D
Acq: 26 Mar 2021 17:57

Tgt Ion: 114 Resp: 468496
Ion Ratio Lower Upper
114 100
63 17.3 0.0 38.2
88 15.6 0.0 29.4





#35

Dibromofluoromethane

Concen: 57.47 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. -0.000 min

Lab File: VD068690.D

Acq: 26 Mar 2021 17:57

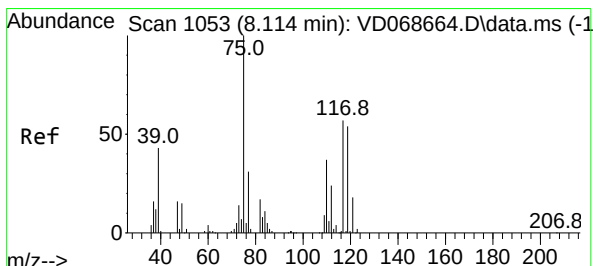
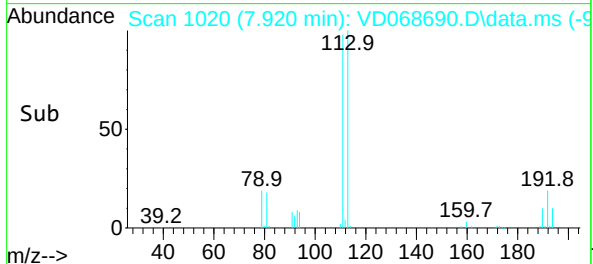
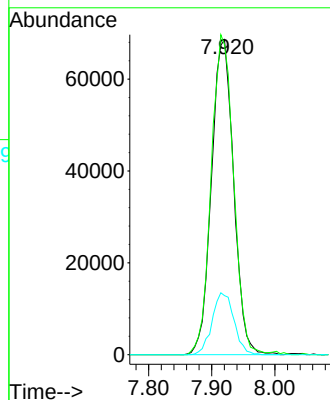
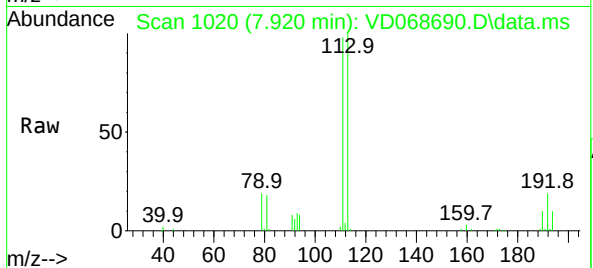
Tgt Ion:113 Resp: 167531

Ion Ratio Lower Upper

113 100

111 102.0 82.5 123.7

192 19.3 15.1 22.7



#36

1,1-Dichloropropene

Concen: 4.27 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD068690.D

Acq: 26 Mar 2021 17:57

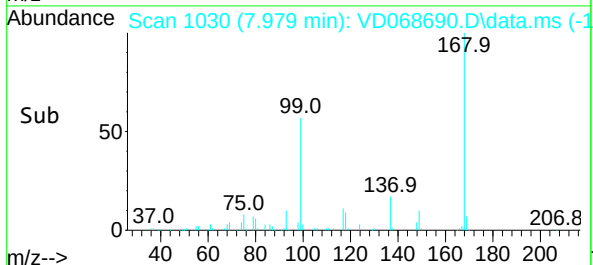
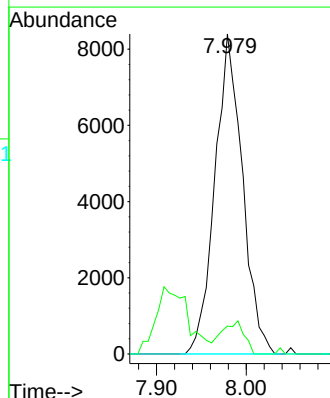
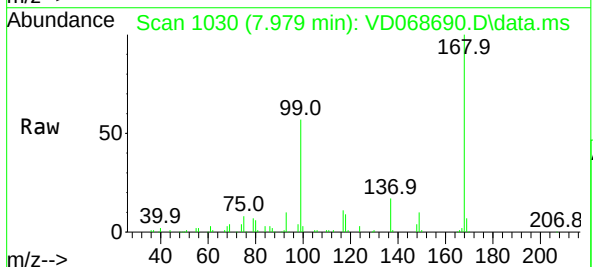
Tgt Ion: 75 Resp: 17869

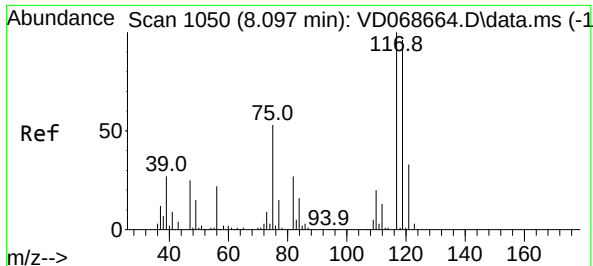
Ion Ratio Lower Upper

75 100

110 8.4 18.1 54.4#

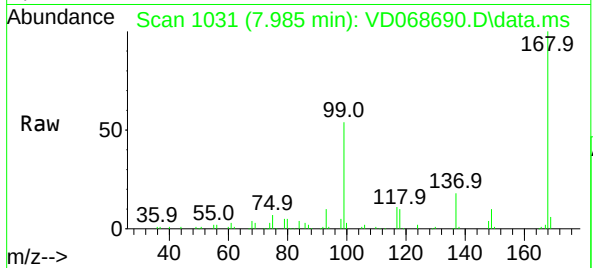
77 0.0 24.7 37.1#



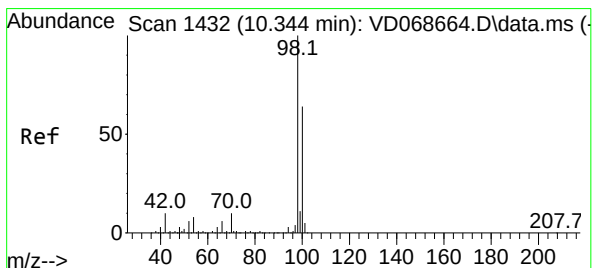
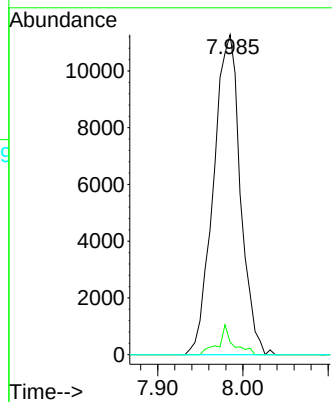
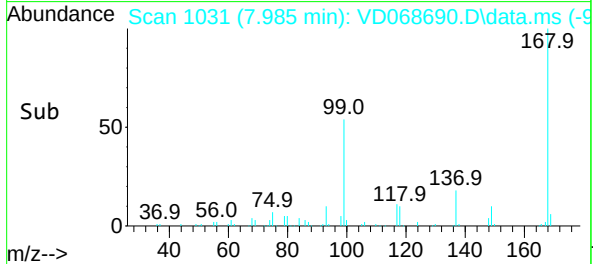


#38
Carbon Tetrachloride
Concen: 5.94 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD068690.D
Acq: 26 Mar 2021 17:57

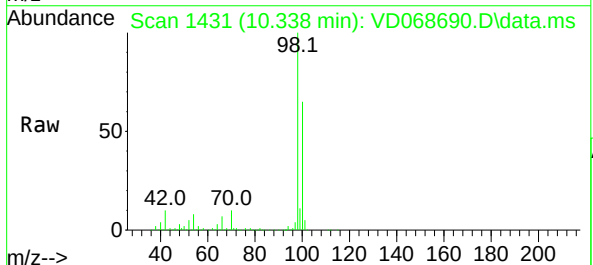
Instrument :
MSVOA_D
ClientSampled :
IG002



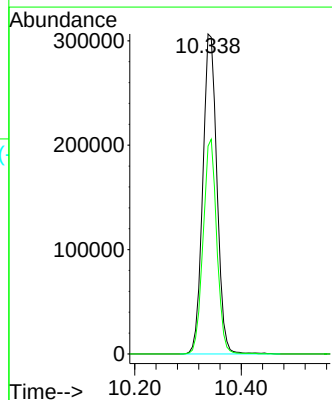
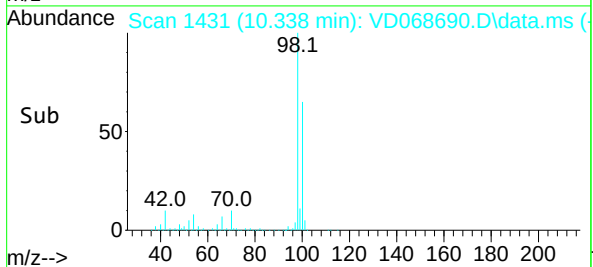
Tgt Ion:117 Resp: 24793
Ion Ratio Lower Upper
117 100
119 3.9 76.6 115.0#
121 0.0 26.1 39.1#

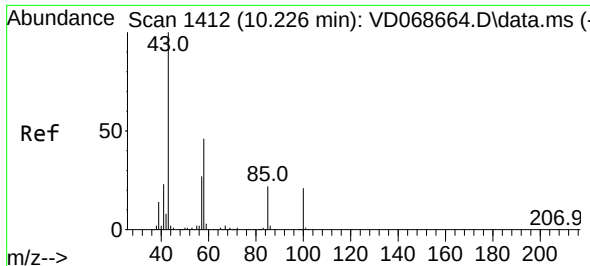


#50
Toluene-d8
Concen: 50.17 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068690.D
Acq: 26 Mar 2021 17:57



Tgt Ion: 98 Resp: 563807
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6

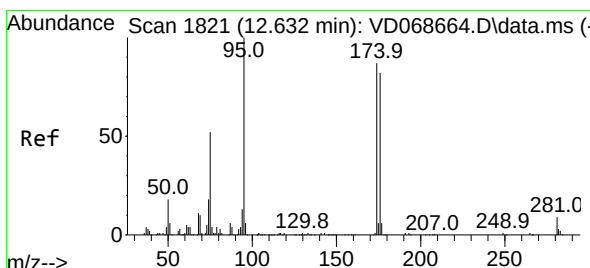
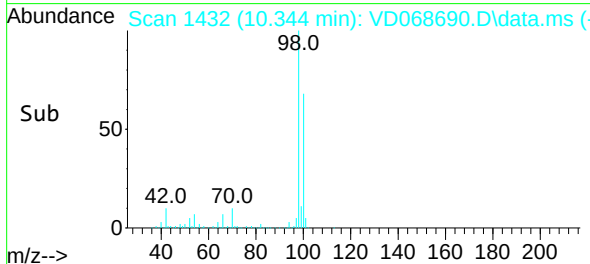
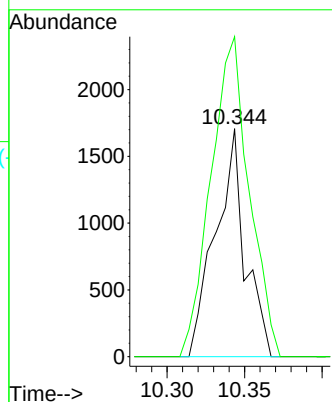
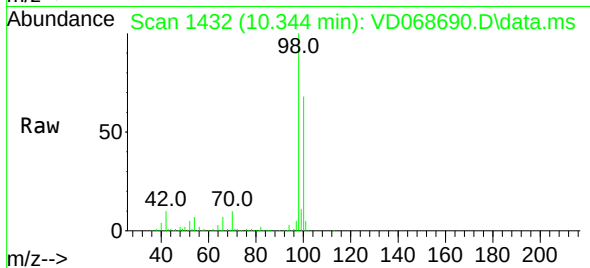




#51
4-Methyl-2-Pentanone
Concen: 1.71 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.118 min
Lab File: VD068690.D
Acq: 26 Mar 2021 17:57

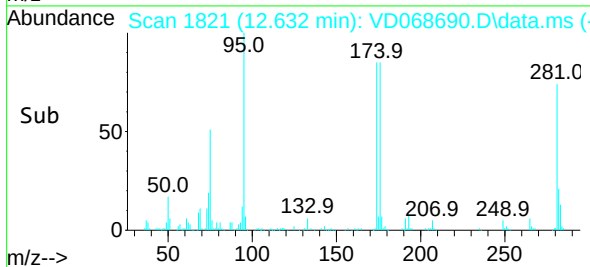
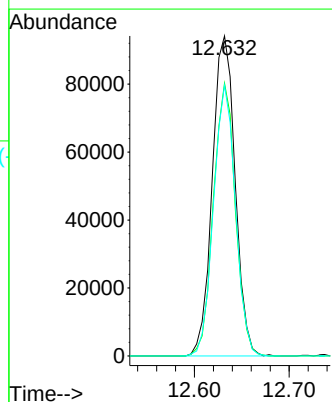
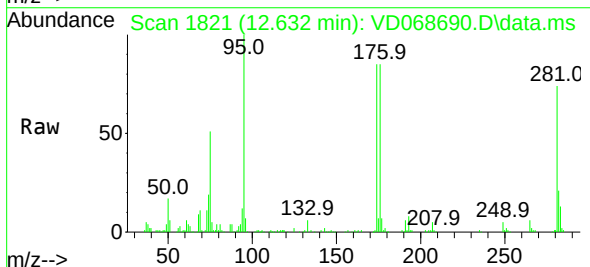
Instrument :
MSVOA_D
ClientSampled :
IG002

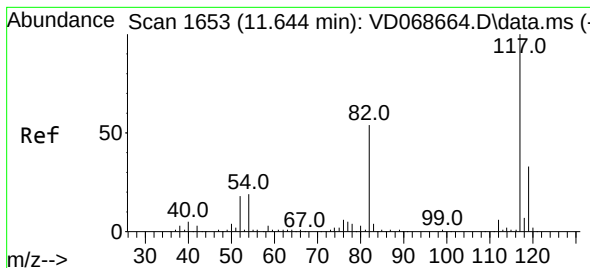
Tgt Ion: 43 Resp: 2260
Ion Ratio Lower Upper
43 100
58 182.0 37.3 55.9#



#62
4-Bromofluorobenzene
Concen: 43.20 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068690.D
Acq: 26 Mar 2021 17:57

Tgt Ion: 95 Resp: 157417
Ion Ratio Lower Upper
95 100
174 82.1 0.0 168.0
176 81.2 0.0 160.2

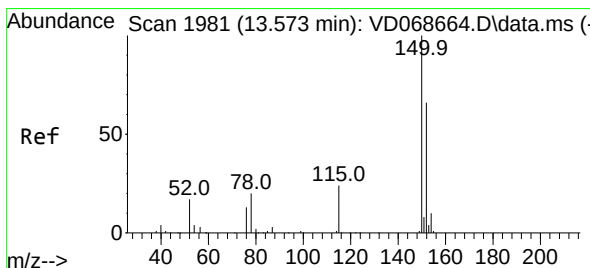
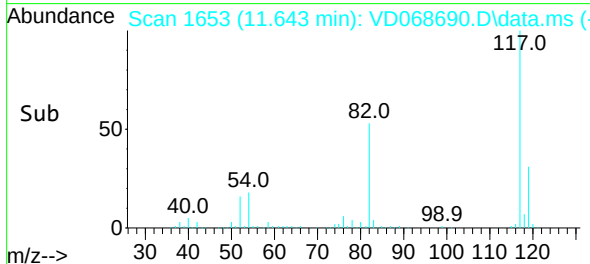
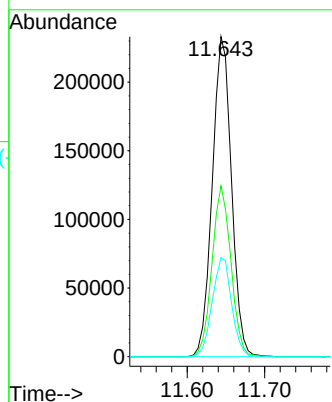
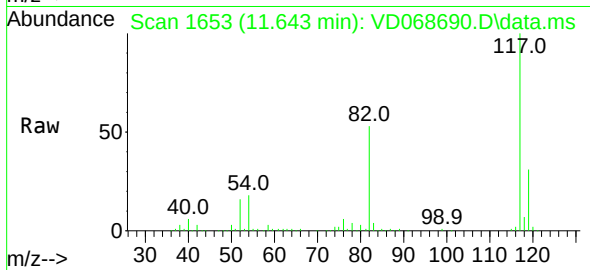




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD068690.D
Acq: 26 Mar 2021 17:57

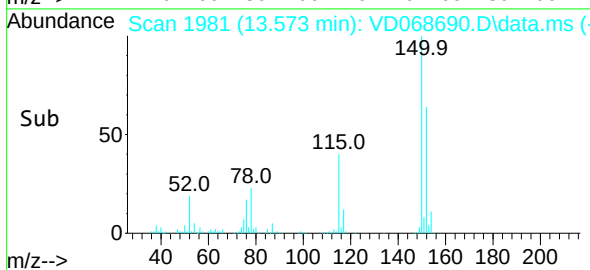
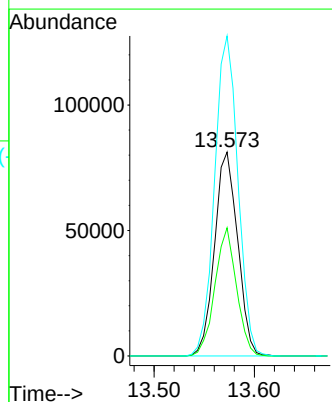
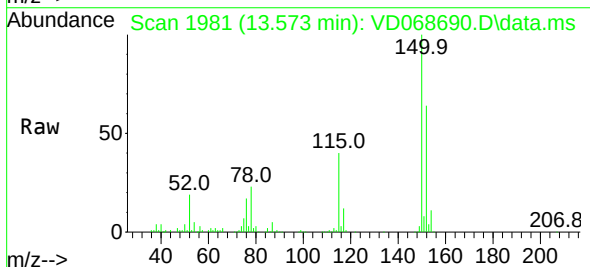
Instrument :
MSVOA_D
ClientSampled :
IG002

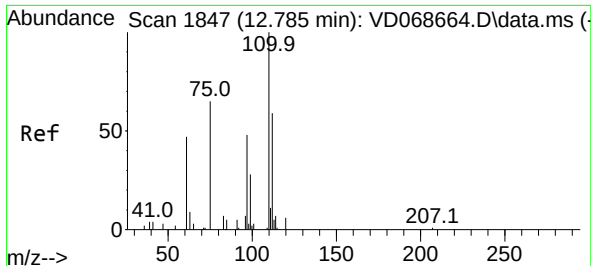
Tgt Ion:117 Resp: 401124
Ion Ratio Lower Upper
117 100
82 53.4 43.5 65.3
119 30.9 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068690.D
Acq: 26 Mar 2021 17:57

Tgt Ion:152 Resp: 130030
Ion Ratio Lower Upper
152 100
115 58.9 29.3 87.8
150 158.4 0.0 347.6

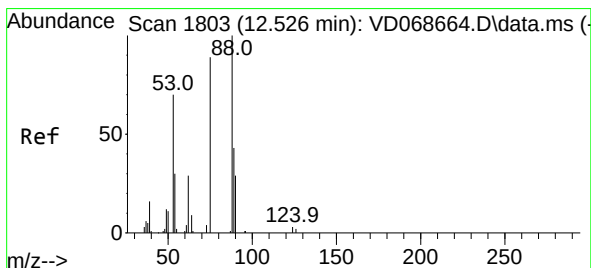
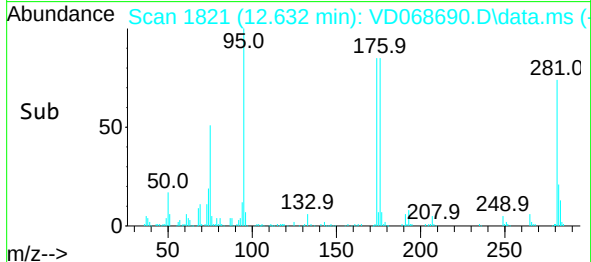
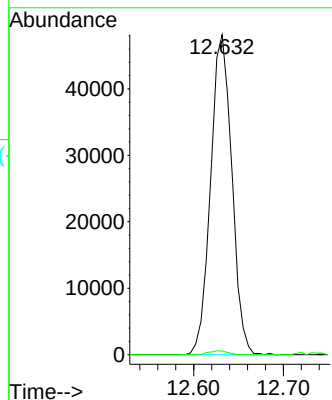
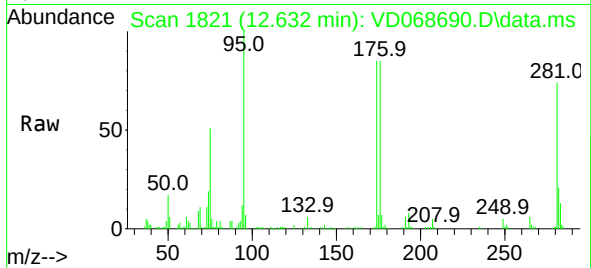




#76
1,2,3-Trichloropropane
Concen: 73.14 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068690.D
Acq: 26 Mar 2021 17:57

Instrument :
MSVOA_D
ClientSampleId :
IG002

Tgt Ion: 75 Resp: 79153
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 166.40 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068690.D
Acq: 26 Mar 2021 17:57

Tgt Ion: 75 Resp: 79153
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.8 36.6 54.8#

