

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033121\
 Data File : VD068731.D
 Acq On : 31 Mar 2021 11:42
 Operator : VA/SY
 Sample : VD0331SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

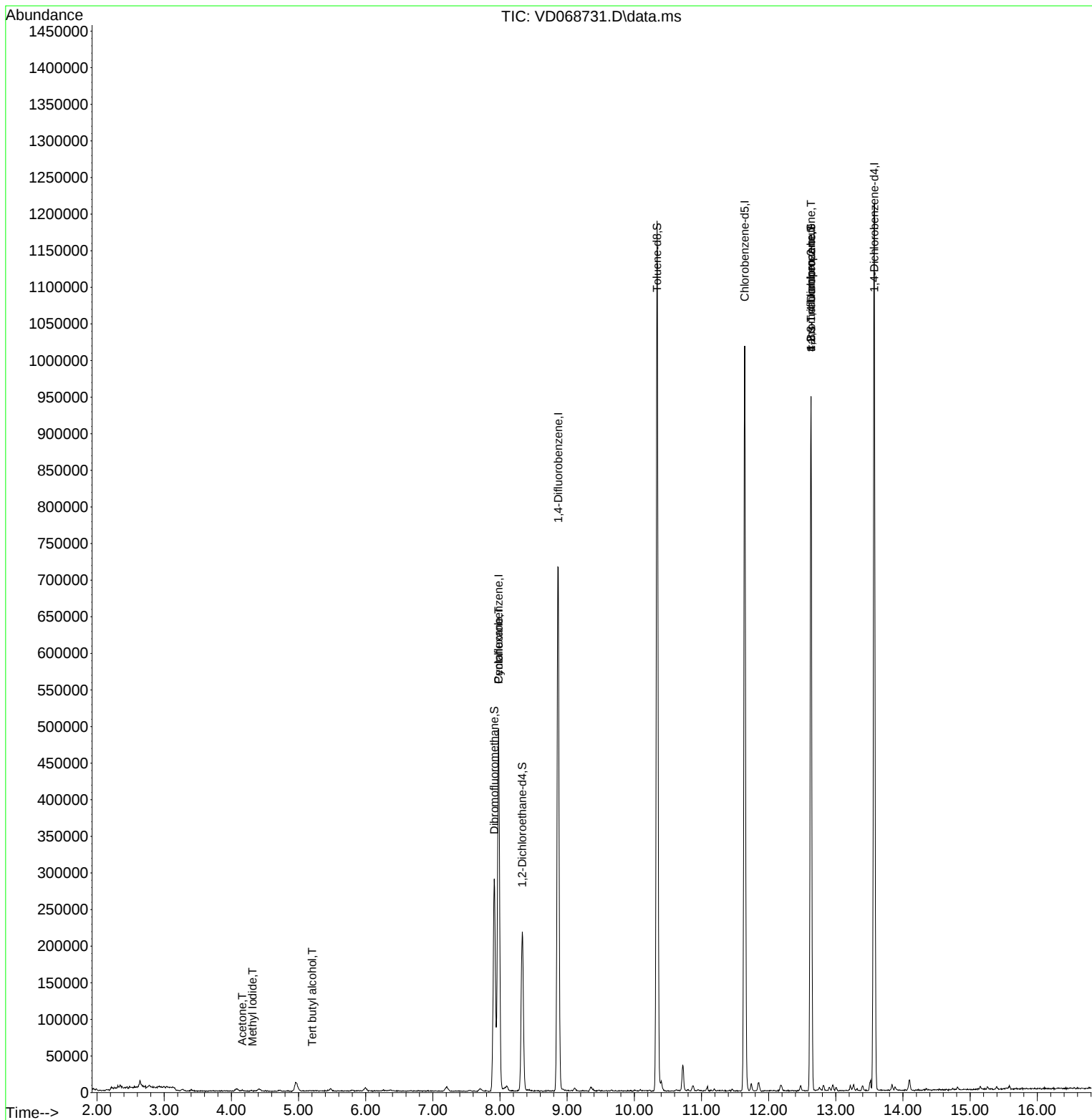
Quant Time: Apr 01 00:42:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

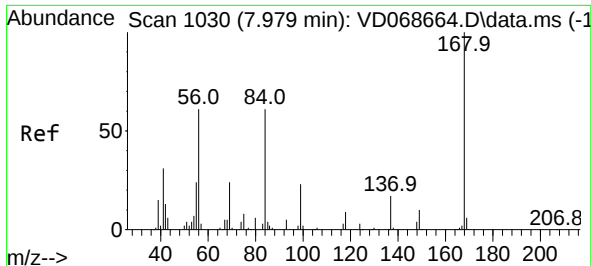
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	364113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	656038	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	607325	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	321281	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	179369	48.85	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.70%
35) Dibromofluoromethane	7.914	113	208967	51.20	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.40%
50) Toluene-d8	10.338	98	823207	52.31	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.62%
62) 4-Bromofluorobenzene	12.632	95	293931	57.61	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	115.22%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.314	142	1044	3.75	ug/l #	90
11) Tert butyl alcohol	5.203	59	184	1.09	ug/l #	73
13) Acrolein	3.920	56	61	Below	Cal #	16
16) Acetone	4.162	43	1743	3.91	ug/l	99
20) Methylene Chloride	4.962	84	9416	Below	Cal #	90
31) Cyclohexane	7.979	56	9558	1.61	ug/l #	23
76) 1,2,3-Trichloropropane	12.632	75	147357	55.11	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	147357	125.37	ug/l #	16

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

Quant Time: Apr 01 00:42:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
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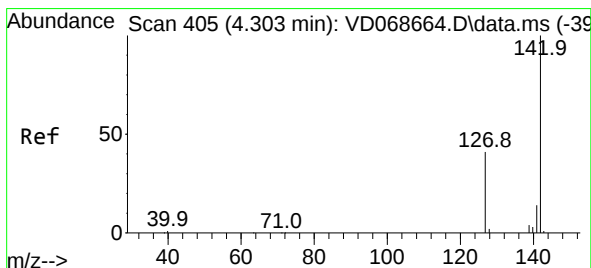
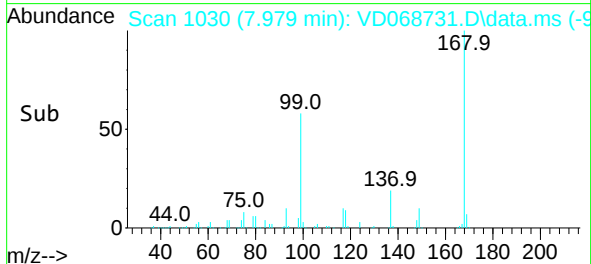
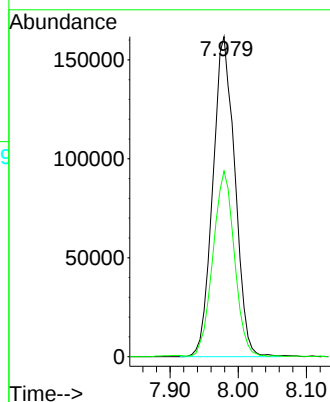
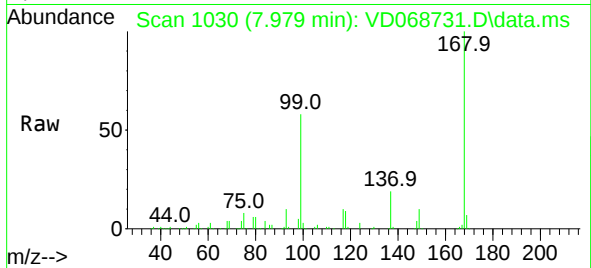




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068731.D
Acq: 31 Mar 2021 11:42

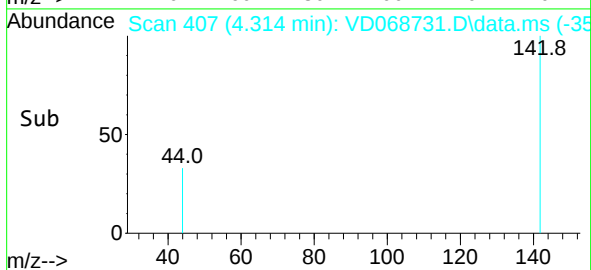
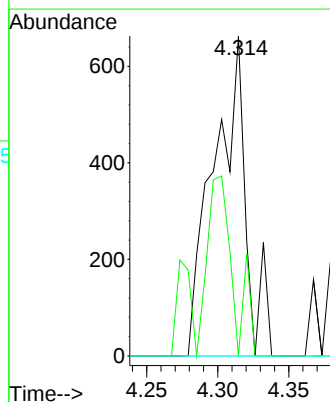
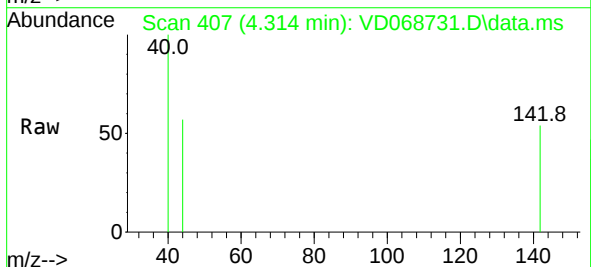
Instrument :
MSVOA_D
ClientSampled :

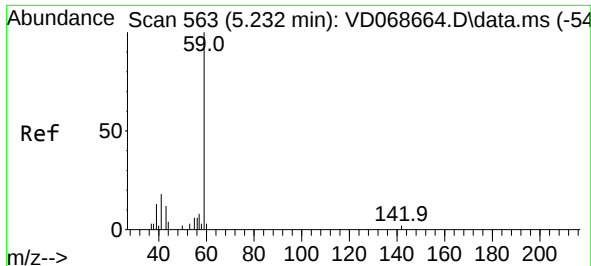
Tgt Ion:168 Resp: 364113
Ion Ratio Lower Upper
168 100
99 57.8 46.2 69.2



#10
Methyl Iodide
Concen: 3.75 ug/l
RT: 4.314 min Scan# 407
Delta R.T. 0.011 min
Lab File: VD068731.D
Acq: 31 Mar 2021 11:42

Tgt Ion:142 Resp: 1044
Ion Ratio Lower Upper
142 100
127 45.0 34.7 52.1
141 0.0 11.0 16.4#



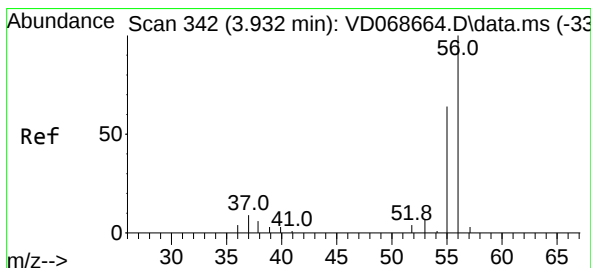
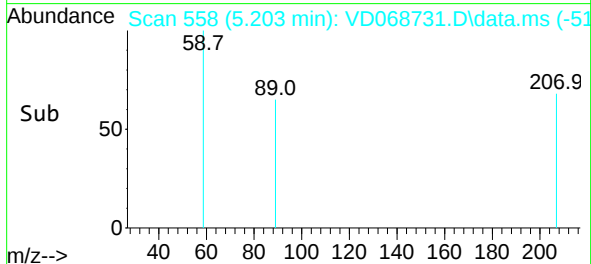
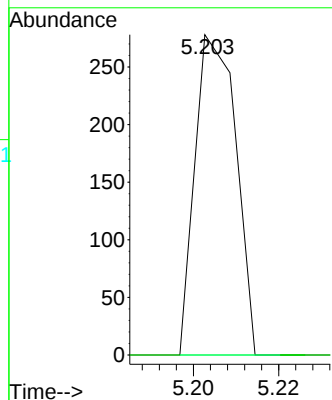
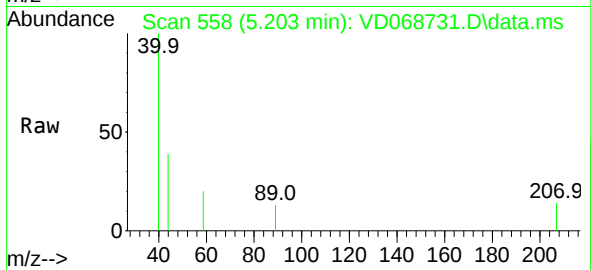


#11

Tert butyl alcohol
Concen: 1.09 ug/l
RT: 5.203 min Scan# 558
Delta R.T. -0.029 min
Lab File: VD068731.D
Acq: 31 Mar 2021 11:42

Instrument :
MSVOA_D
ClientSampled :

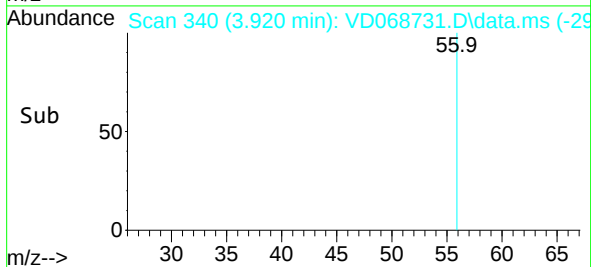
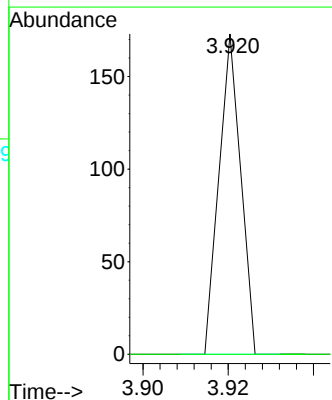
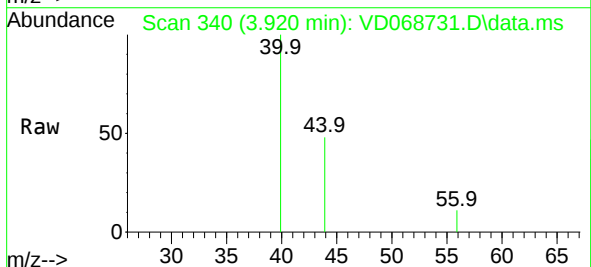
Tgt Ion: 59 Resp: 184
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

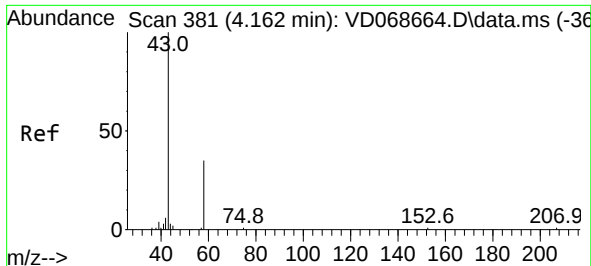


#13

Acrolein
Concen: Below Cal
RT: 3.920 min Scan# 340
Delta R.T. -0.012 min
Lab File: VD068731.D
Acq: 31 Mar 2021 11:42

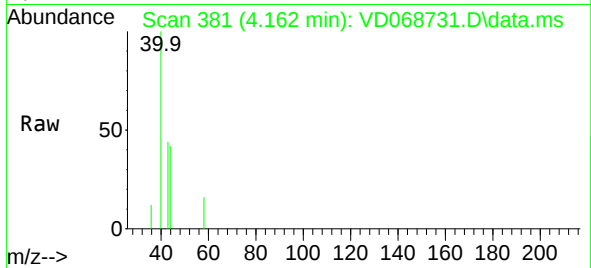
Tgt Ion: 56 Resp: 61
Ion Ratio Lower Upper
56 100
55 0.0 54.7 82.1#



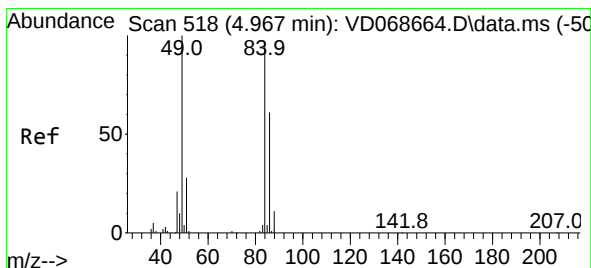
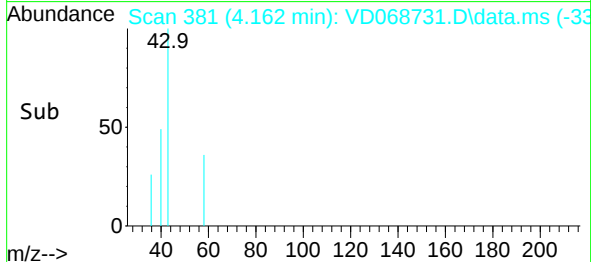
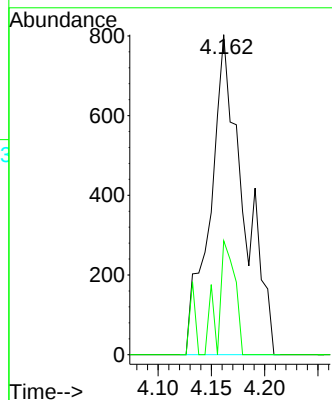


#16
Acetone
Concen: 3.91 ug/l
RT: 4.162 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD068731.D
Acq: 31 Mar 2021 11:42

Instrument :
MSVOA_D
ClientSampled :

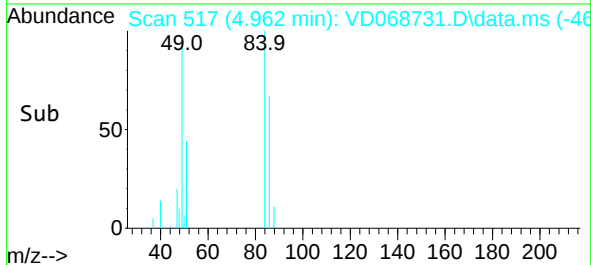
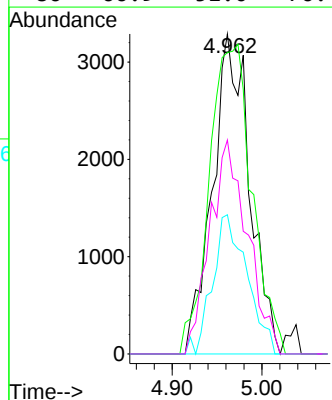
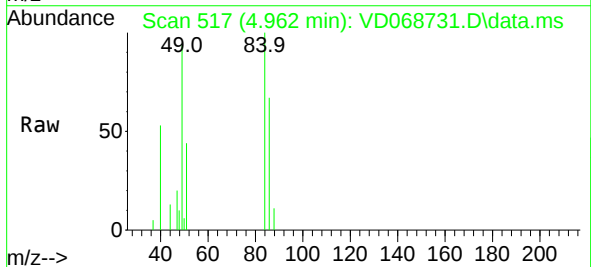


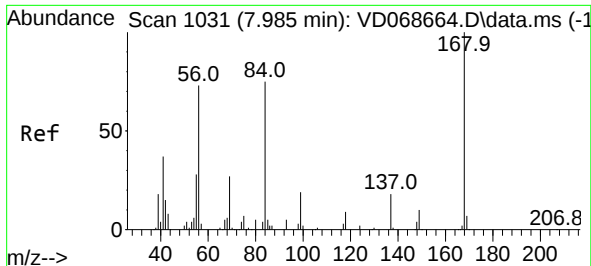
Tgt Ion: 43 Resp: 1743
Ion Ratio Lower Upper
43 100
58 35.6 28.0 42.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.005 min
Lab File: VD068731.D
Acq: 31 Mar 2021 11:42

Tgt Ion: 84 Resp: 9416
Ion Ratio Lower Upper
84 100
49 94.2 83.4 125.0
51 43.5 23.4 35.2#
86 66.9 51.0 76.4

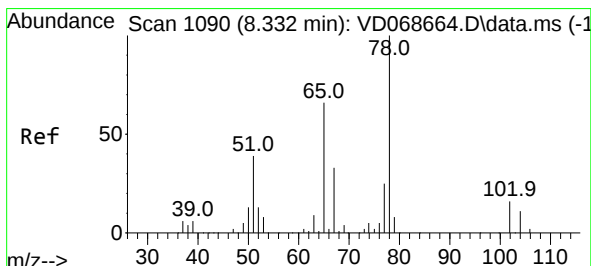
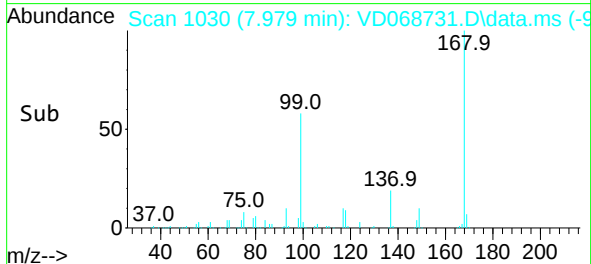
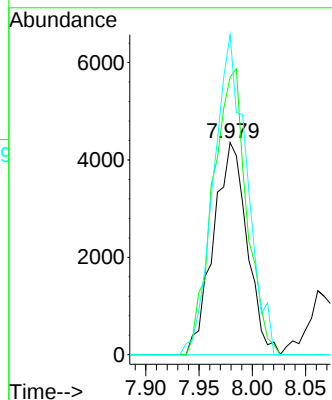
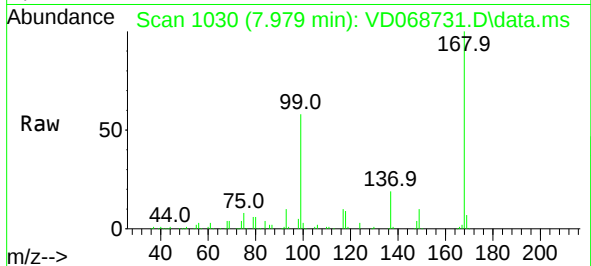




#31
Cyclohexane
Concen: 1.61 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068731.D
Acq: 31 Mar 2021 11:42

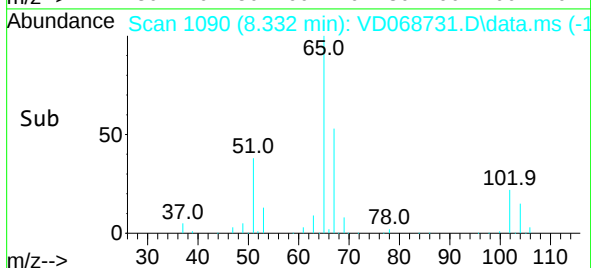
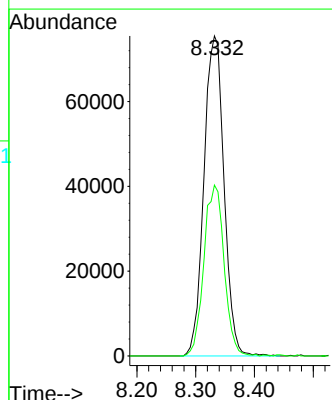
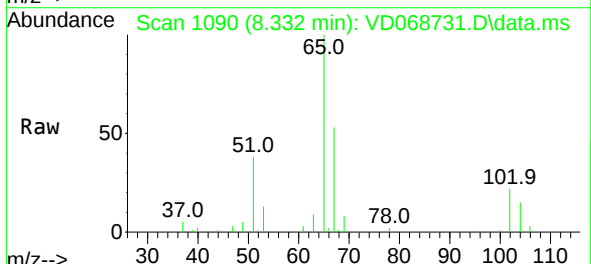
Instrument :
MSVOA_D
ClientSampled :

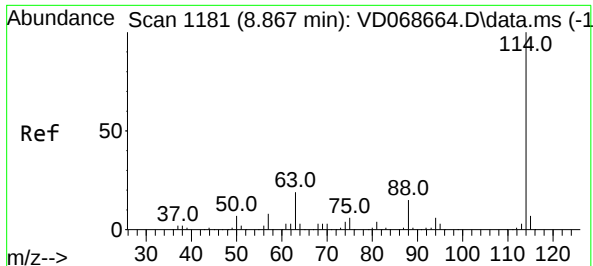
Tgt Ion: 56 Resp: 9558
Ion Ratio Lower Upper
56 100
69 130.9 30.0 45.0#
84 150.8 82.0 123.0#



#33
1,2-Dichloroethane-d4
Concen: 48.85 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068731.D
Acq: 31 Mar 2021 11:42

Tgt Ion: 65 Resp: 179369
Ion Ratio Lower Upper
65 100
67 53.6 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: VD068731.D

Acq: 31 Mar 2021 11:42

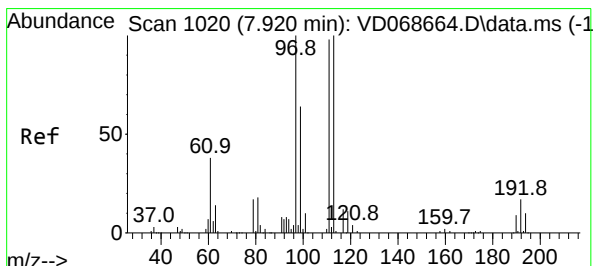
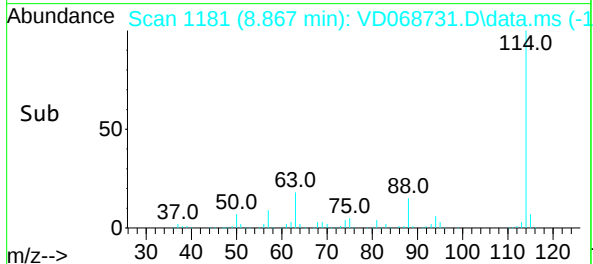
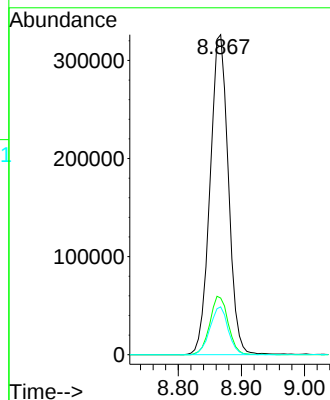
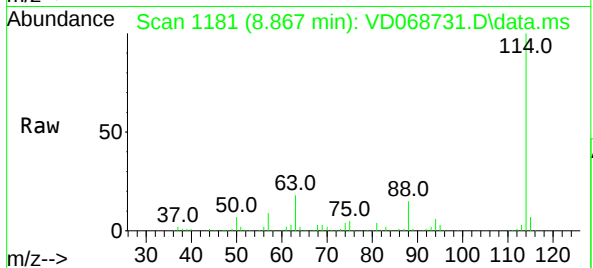
Tgt Ion:114 Resp: 656038

Ion Ratio Lower Upper

114 100

63 17.7 0.0 38.2

88 14.9 0.0 29.4



#35

Dibromofluoromethane

Concen: 51.20 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068731.D

Acq: 31 Mar 2021 11:42

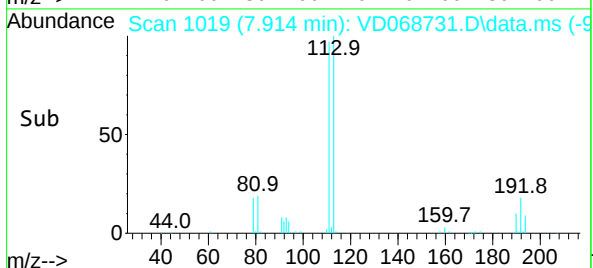
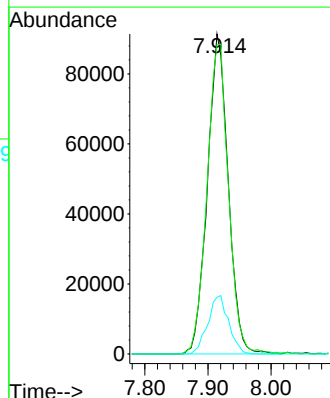
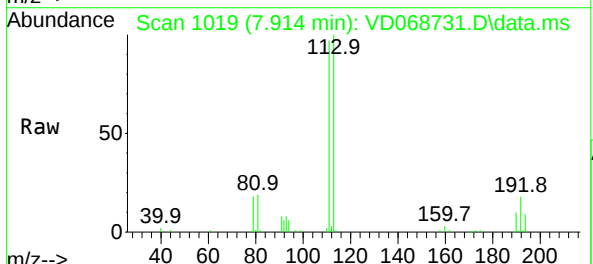
Tgt Ion:113 Resp: 208967

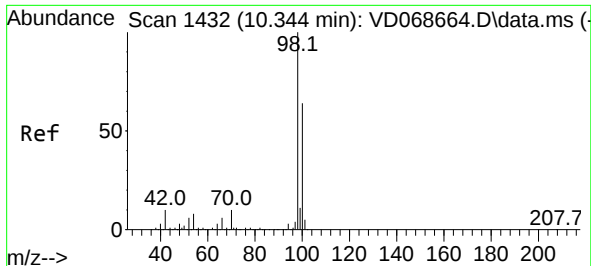
Ion Ratio Lower Upper

113 100

111 100.4 82.5 123.7

192 18.2 15.1 22.7

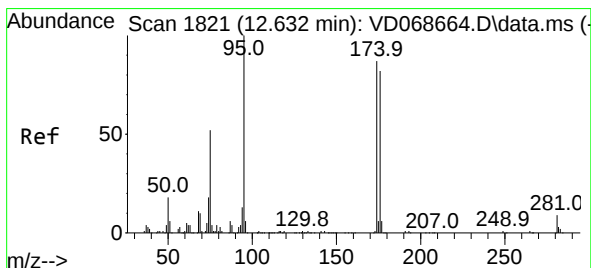
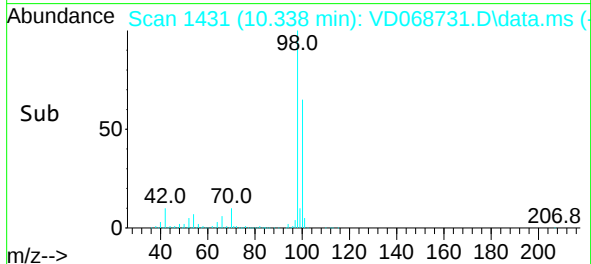
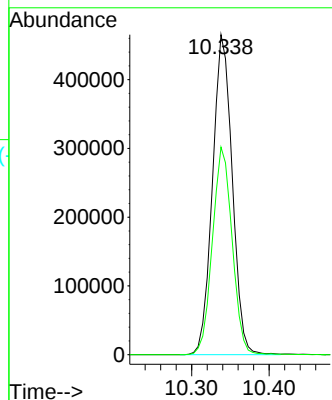
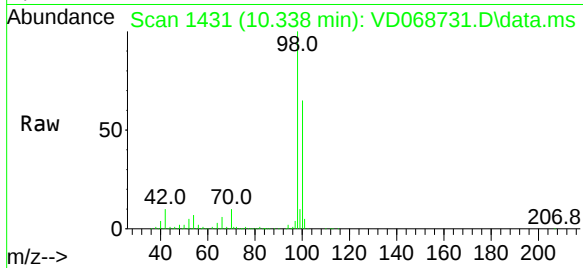




#50
Toluene-d8
Concen: 52.31 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068731.D
Acq: 31 Mar 2021 11:42

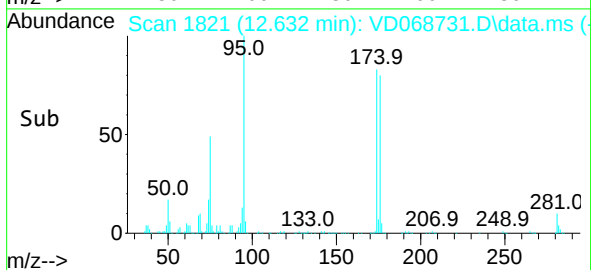
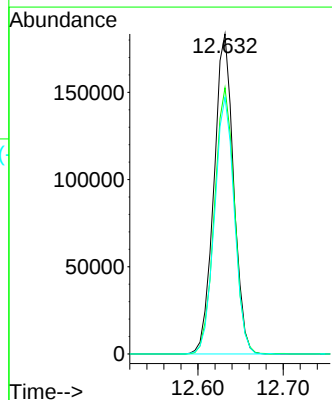
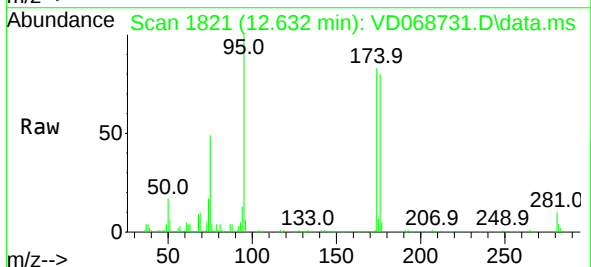
Instrument :
MSVOA_D
ClientSampleId :

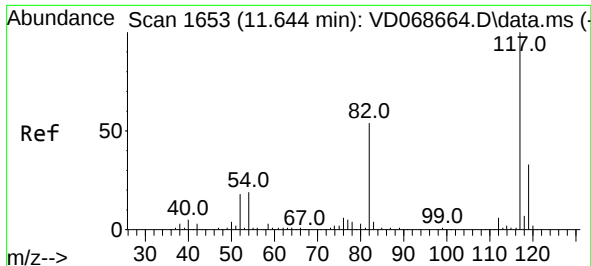
Tgt Ion: 98 Resp: 823207
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 57.61 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068731.D
Acq: 31 Mar 2021 11:42

Tgt Ion: 95 Resp: 293931
Ion Ratio Lower Upper
95 100
174 84.4 0.0 168.0
176 80.6 0.0 160.2

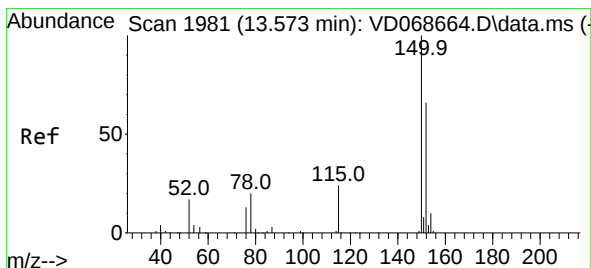
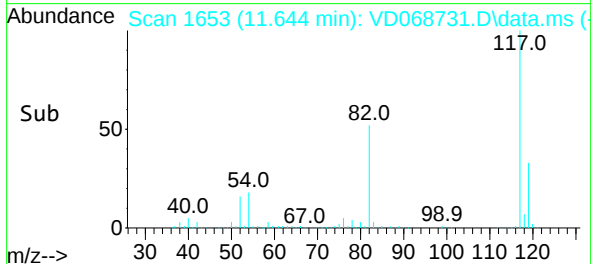
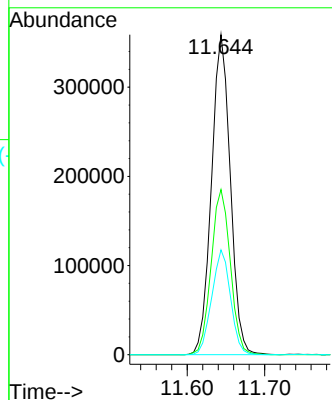
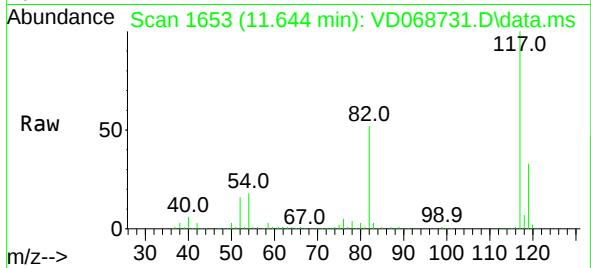




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD068731.D
Acq: 31 Mar 2021 11:42

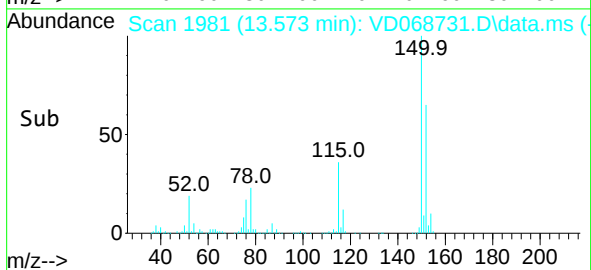
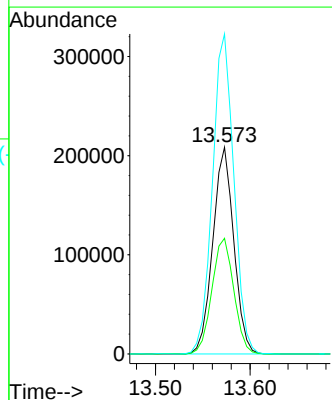
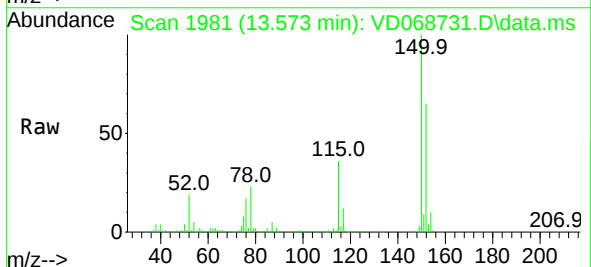
Instrument :
MSVOA_D
ClientSampled :

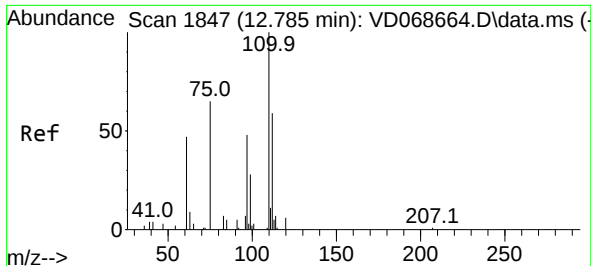
Tgt Ion:117 Resp: 607325
Ion Ratio Lower Upper
117 100
82 51.6 43.5 65.3
119 32.8 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068731.D
Acq: 31 Mar 2021 11:42

Tgt Ion:152 Resp: 321281
Ion Ratio Lower Upper
152 100
115 58.4 29.3 87.8
150 157.6 0.0 347.6

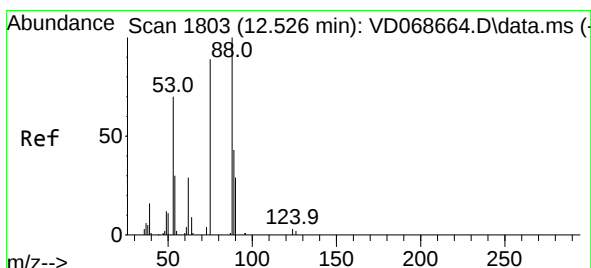
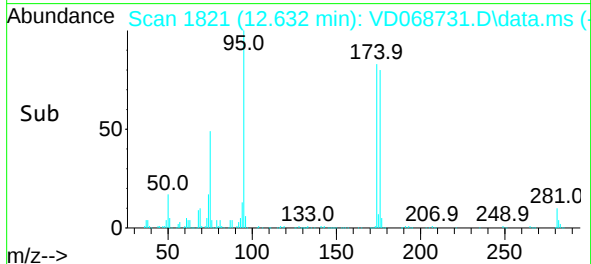
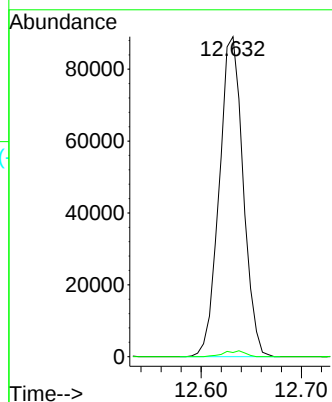
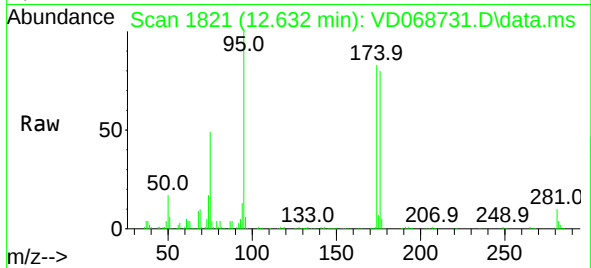




#76
1,2,3-Trichloropropane
Concen: 55.11 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068731.D
Acq: 31 Mar 2021 11:42

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 147357
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 125.37 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068731.D
Acq: 31 Mar 2021 11:42

Tgt Ion: 75 Resp: 147357
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.1 36.6 54.8#

