

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030321\
 Data File : VD068504.D
 Acq On : 03 Mar 2021 10:53
 Operator : VA/SY
 Sample : VD0303SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 04 00:00:54 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)

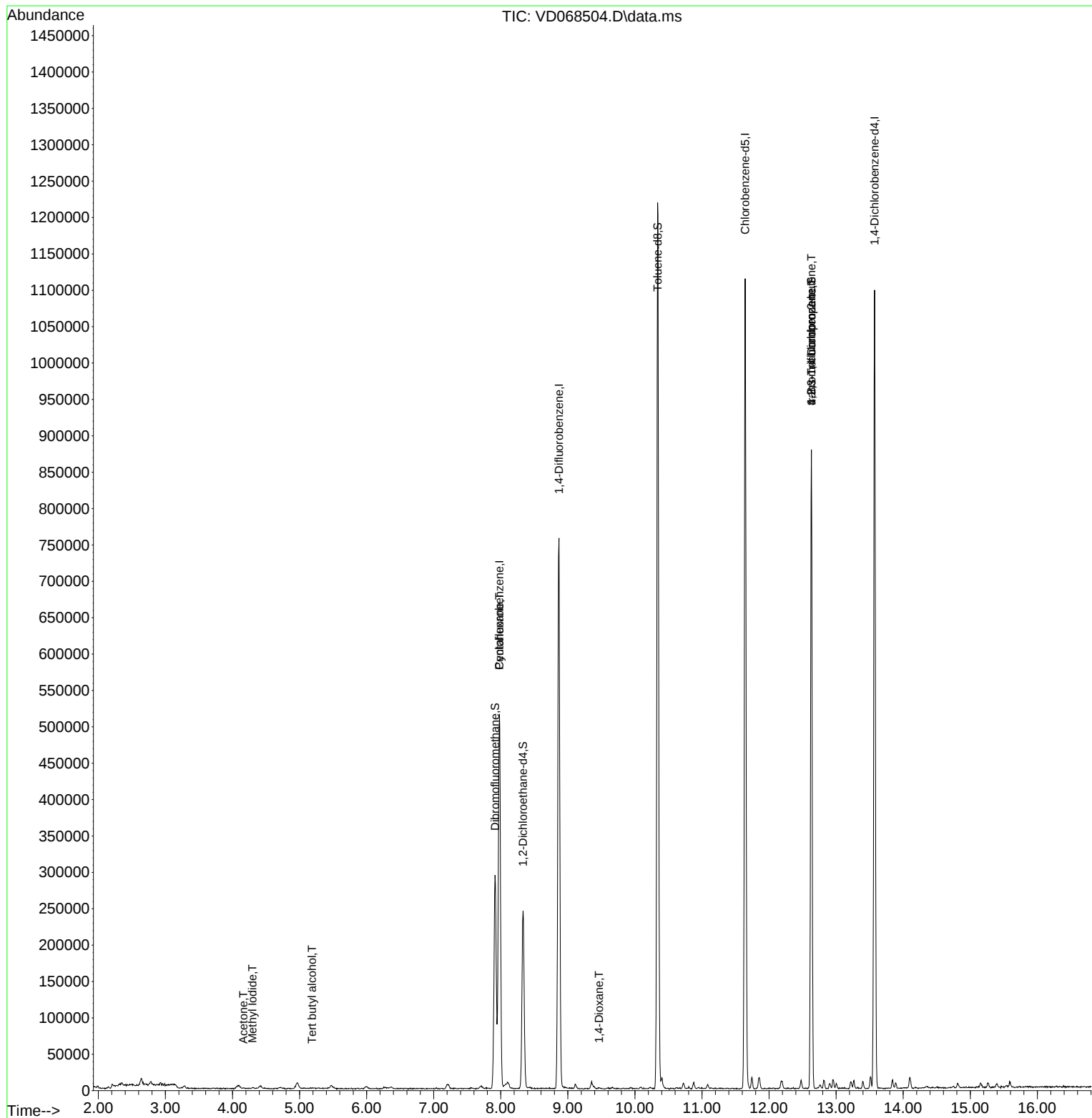
Internal Standards						
1) Pentafluorobenzene	7.979	168	399649	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	698674	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	663180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	304539	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	194979	48.83	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.66%		
35) Dibromofluoromethane	7.914	113	213130	50.64	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.28%		
50) Toluene-d8	10.338	98	873051	52.08	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	104.16%		
62) 4-Bromofluorobenzene	12.632	95	279250	51.69	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	103.38%		
Target Compounds						
						Qvalue
10) Methyl Iodide	4.297	142	1935	3.00	ug/l #	76
11) Tert butyl alcohol	5.185	59	719	3.37	ug/l #	74
16) Acetone	4.161	43	1483	2.34	ug/l	89
20) Methylene Chloride	4.956	84	3660	Below Cal	#	83
31) Cyclohexane	7.979	56	11294	1.56	ug/l #	42
49) 1,4-Dioxane	9.467	88	132	4.67	ug/l #	76
76) 1,2,3-Trichloropropane	12.632	75	138892	51.37	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	138892	119.89	ug/l #	14

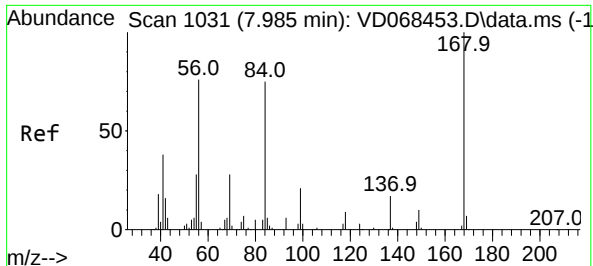
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
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Quant Time: Mar 04 00:00:54 2021
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Quant Title : SW846 8260
QLast Update : Fri Feb 26 14:04:14 2021
Response via : Initial Calibration

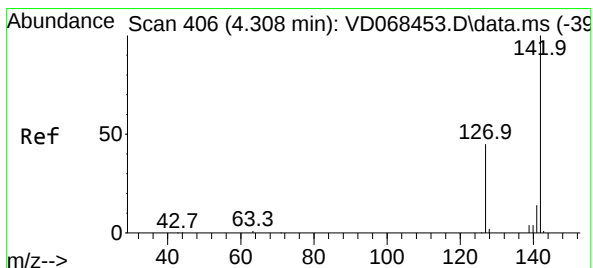
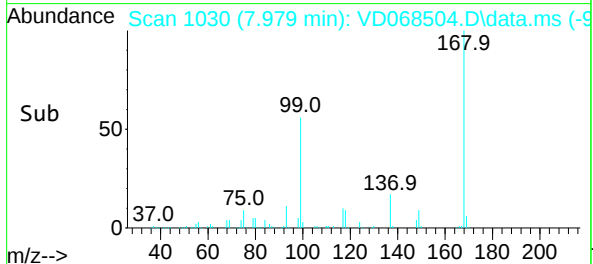
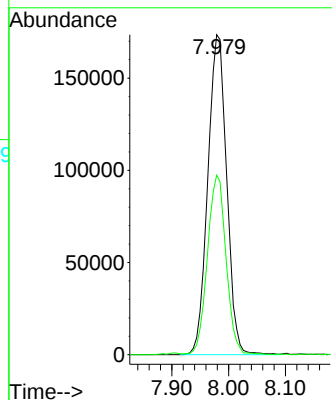
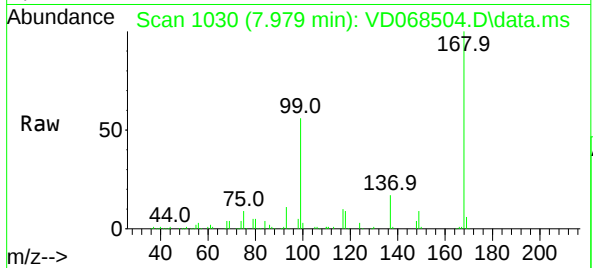




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068504.D
Acq: 03 Mar 2021 10:53

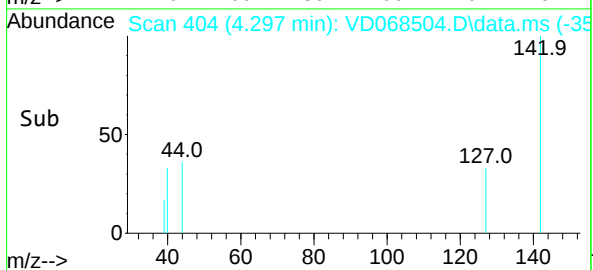
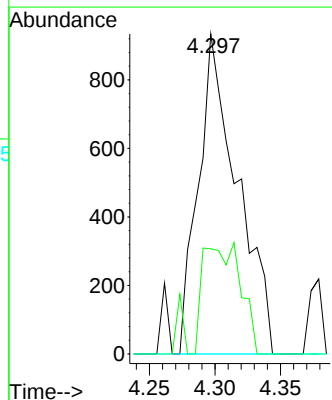
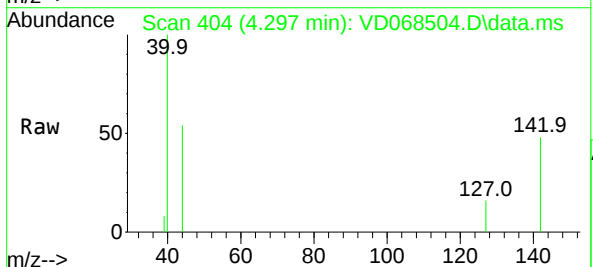
Instrument :
MSVOA_D
ClientSampleId :

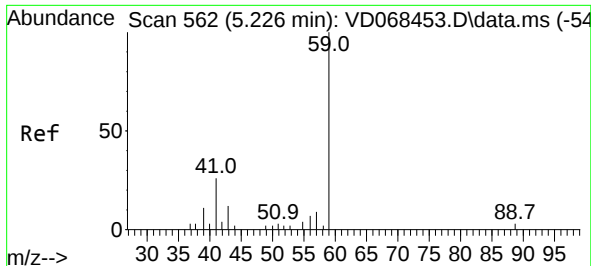
Tgt Ion:168 Resp: 399649
Ion Ratio Lower Upper
168 100
99 55.9 43.5 65.3



#10
Methyl Iodide
Concen: 3.00 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.011 min
Lab File: VD068504.D
Acq: 03 Mar 2021 10:53

Tgt Ion:142 Resp: 1935
Ion Ratio Lower Upper
142 100
127 33.3 37.9 56.9#
141 0.0 11.5 17.3#

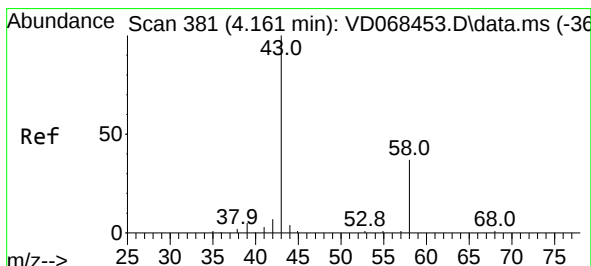
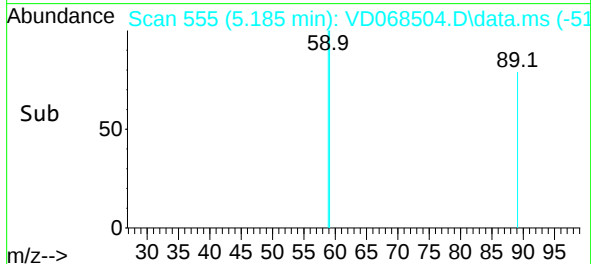
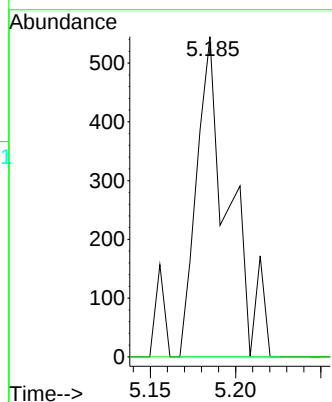
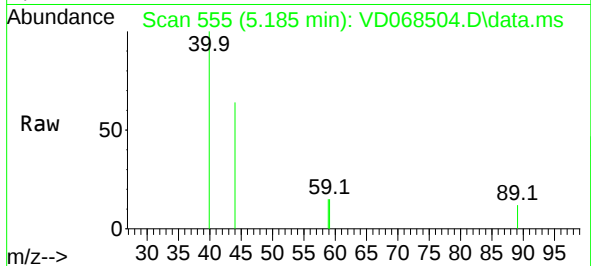




#11
Tert butyl alcohol
Concen: 3.37 ug/l
RT: 5.185 min Scan# 555
Delta R.T. -0.041 min
Lab File: VD068504.D
Acq: 03 Mar 2021 10:53

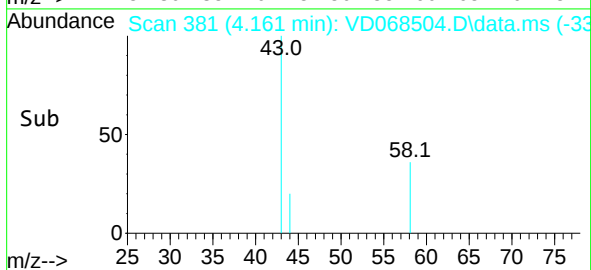
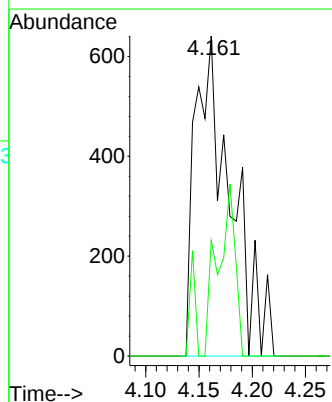
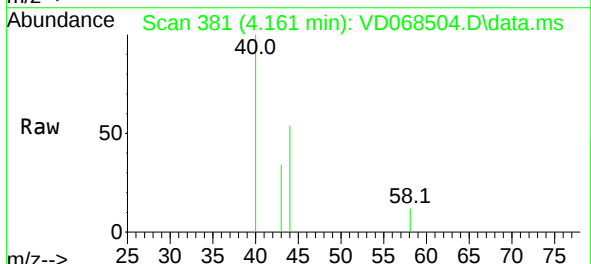
Instrument :
MSVOA_D
ClientSampled :

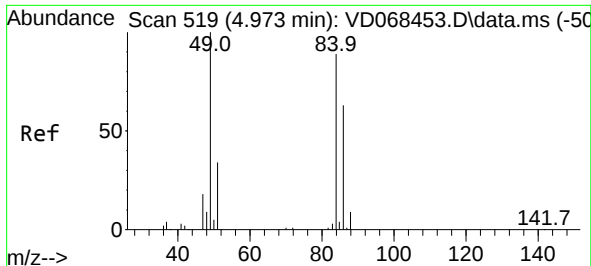
Tgt Ion: 59 Resp: 719
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 2.34 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068504.D
Acq: 03 Mar 2021 10:53

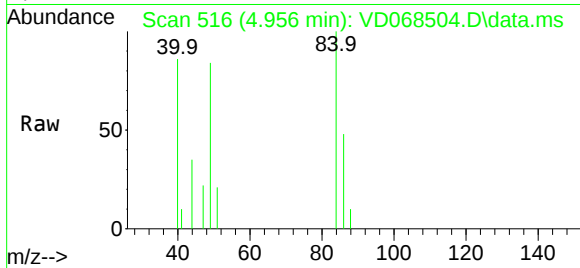
Tgt Ion: 43 Resp: 1483
Ion Ratio Lower Upper
43 100
58 36.2 24.2 36.4



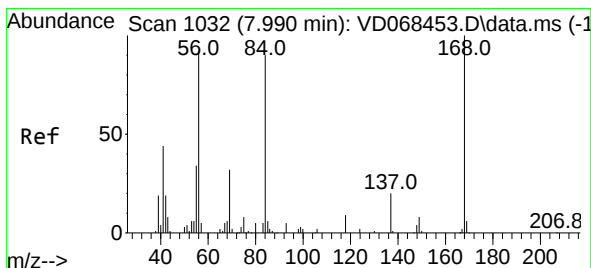
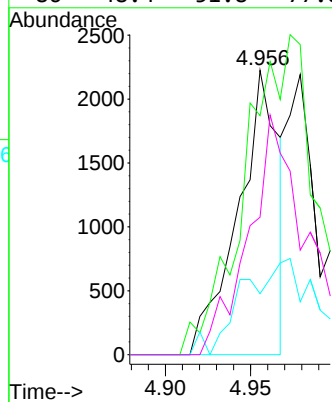
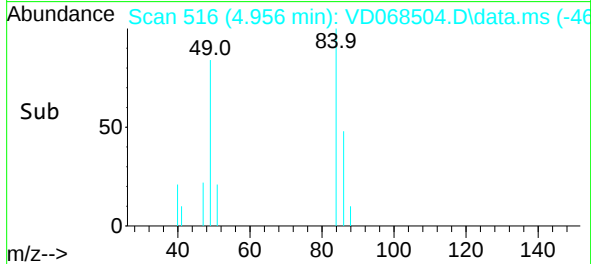


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.017 min
Lab File: VD068504.D
Acq: 03 Mar 2021 10:53

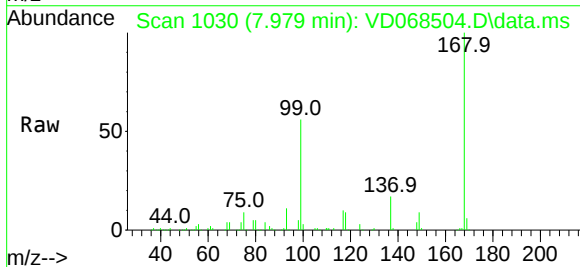
Instrument :
MSVOA_D
ClientSampleId :



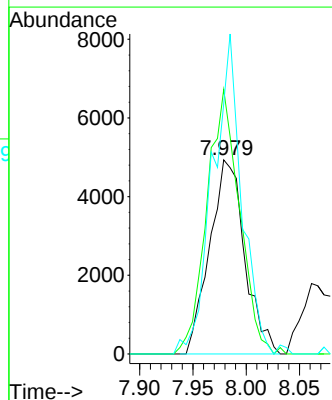
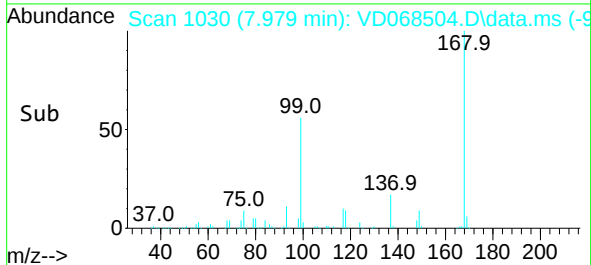
Tgt Ion: 84 Resp: 3660
Ion Ratio Lower Upper
84 100
49 84.1 77.4 116.2
51 21.4 26.1 39.1#
86 48.4 51.8 77.8#

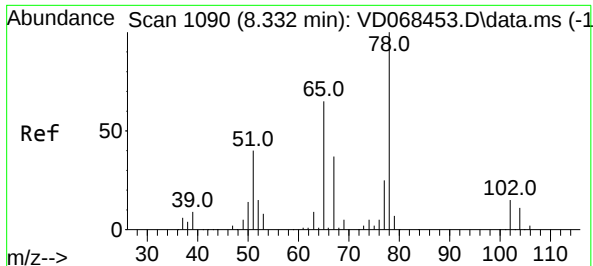


#31
Cyclohexane
Concen: 1.56 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.012 min
Lab File: VD068504.D
Acq: 03 Mar 2021 10:53



Tgt Ion: 56 Resp: 11294
Ion Ratio Lower Upper
56 100
69 133.0 30.1 45.1#
84 124.2 82.1 123.1#

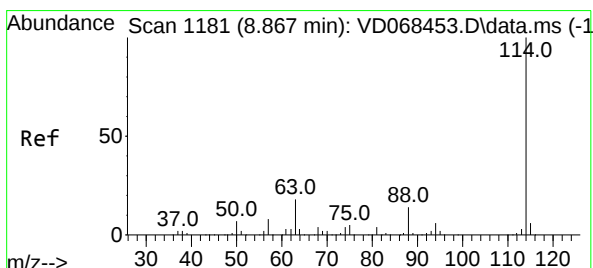
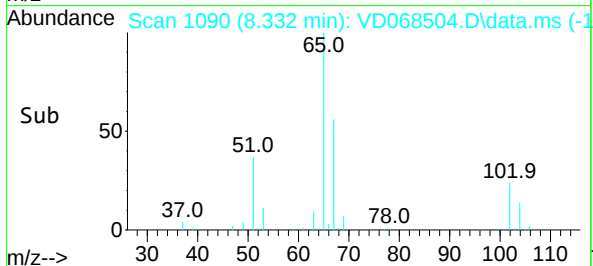
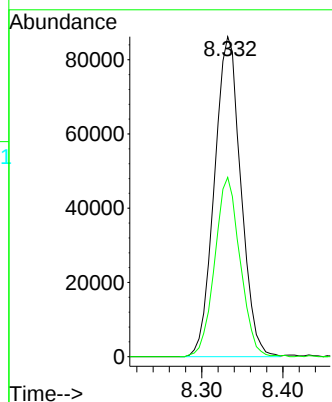
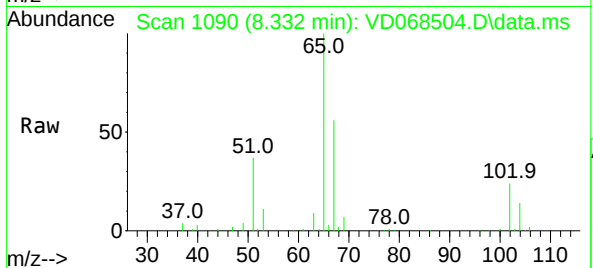




#33
1,2-Dichloroethane-d4
Concen: 48.83 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068504.D
Acq: 03 Mar 2021 10:53

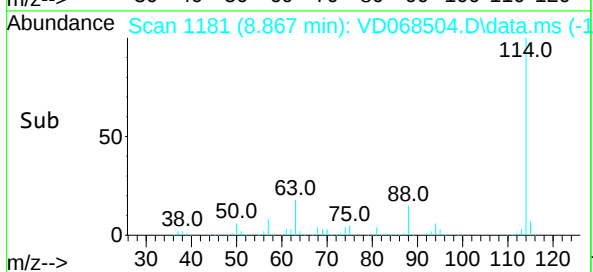
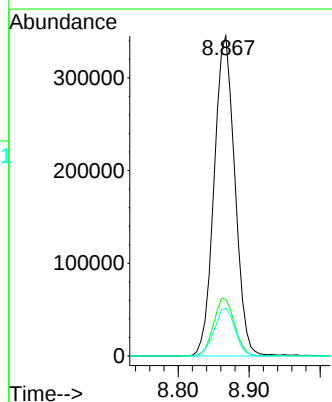
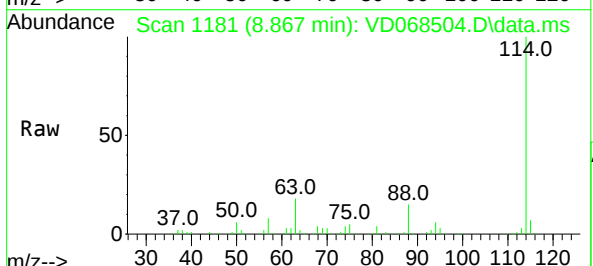
Instrument :
MSVOA_D
ClientSampled :

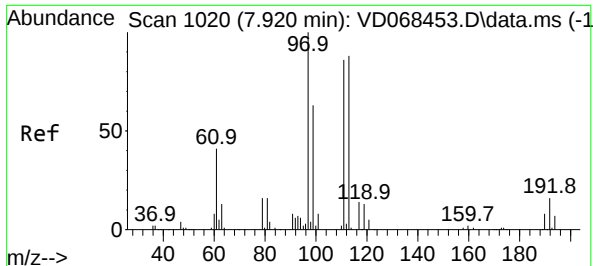
Tgt Ion: 65 Resp: 194979
Ion Ratio Lower Upper
65 100
67 53.7 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068504.D
Acq: 03 Mar 2021 10:53

Tgt Ion: 114 Resp: 698674
Ion Ratio Lower Upper
114 100
63 17.7 0.0 34.8
88 14.9 0.0 31.6





#35

Dibromofluoromethane

Concen: 50.64 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068504.D

Acq: 03 Mar 2021 10:53

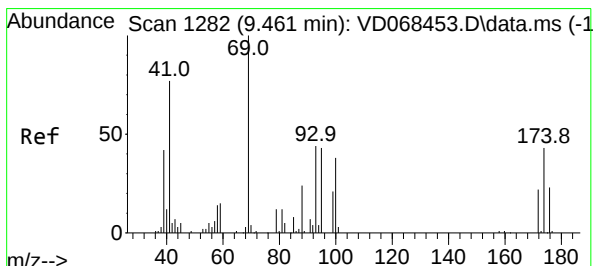
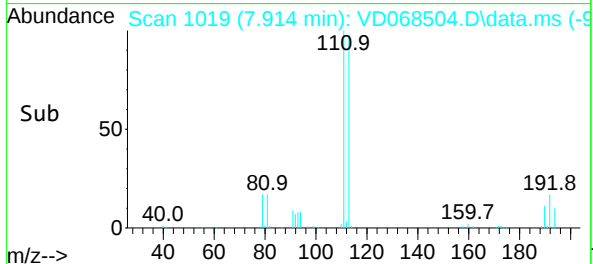
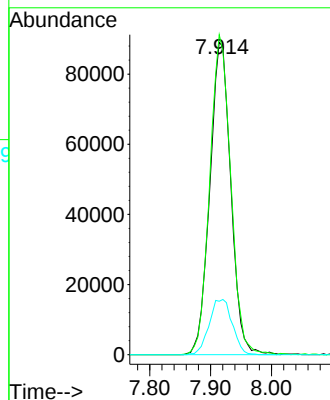
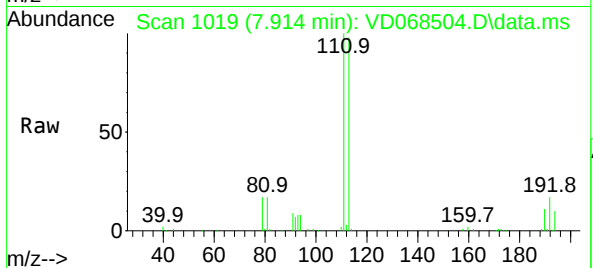
Tgt Ion:113 Resp: 213130

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

192 19.4 16.1 24.1



#49

1,4-Dioxane

Concen: 4.67 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.006 min

Lab File: VD068504.D

Acq: 03 Mar 2021 10:53

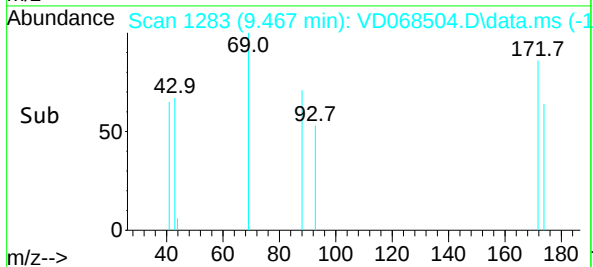
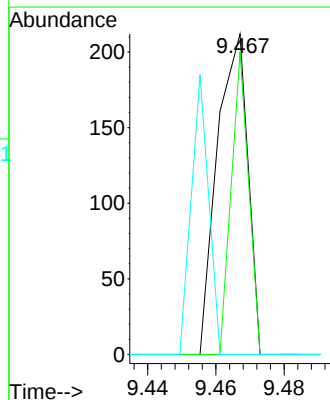
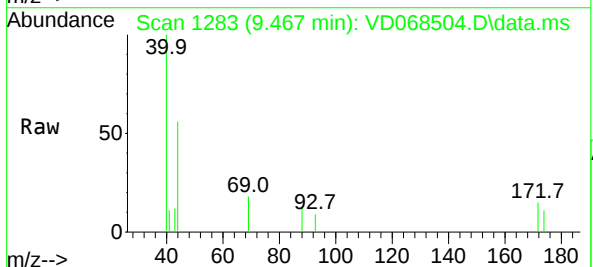
Tgt Ion: 88 Resp: 132

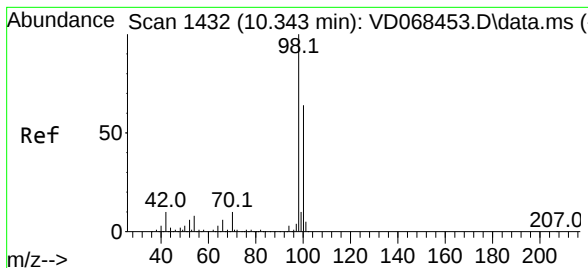
Ion Ratio Lower Upper

88 100

43 53.8 22.1 33.1#

58 49.2 46.7 70.1

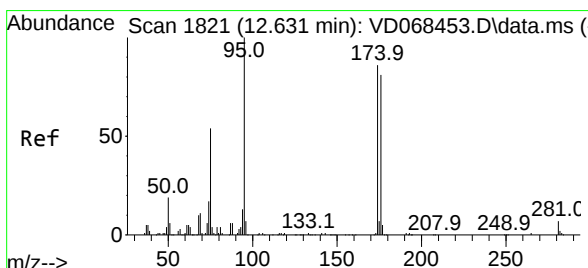
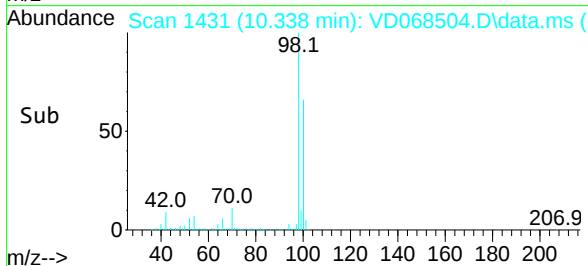
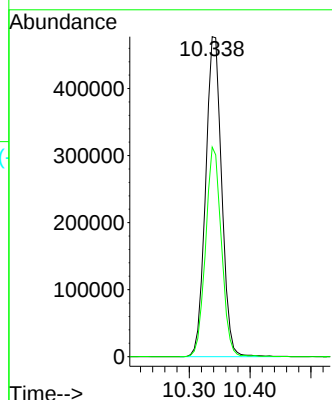
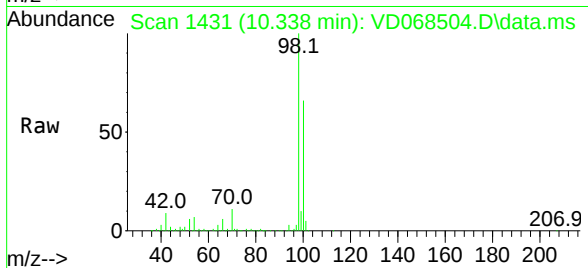




#50
Toluene-d8
Concen: 52.08 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068504.D
Acq: 03 Mar 2021 10:53

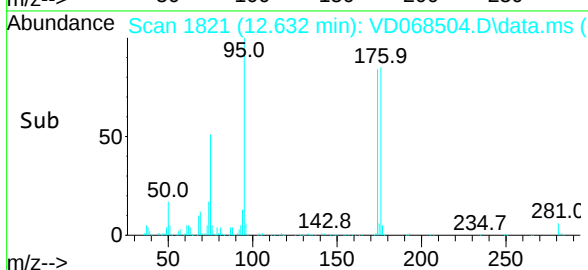
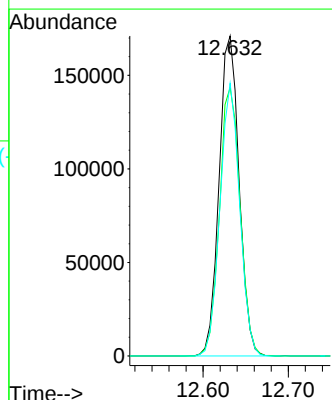
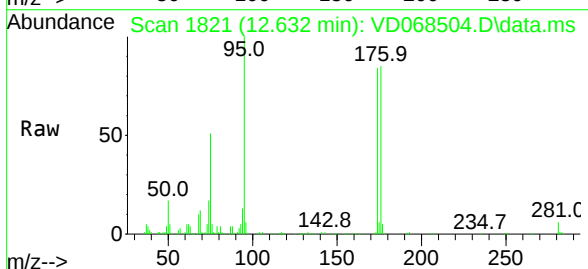
Instrument :
MSVOA_D
ClientSampled :

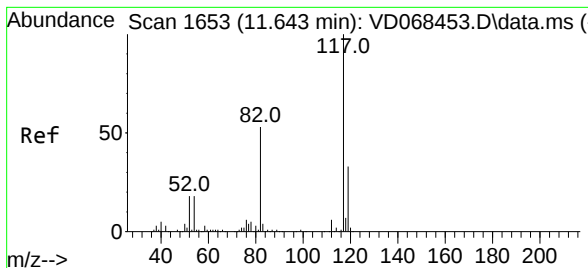
Tgt Ion: 98 Resp: 873051
Ion Ratio Lower Upper
98 100
100 64.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 51.69 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068504.D
Acq: 03 Mar 2021 10:53

Tgt Ion: 95 Resp: 279250
Ion Ratio Lower Upper
95 100
174 86.4 0.0 172.4
176 83.6 0.0 168.4

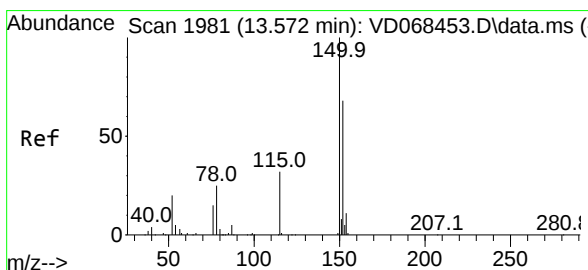
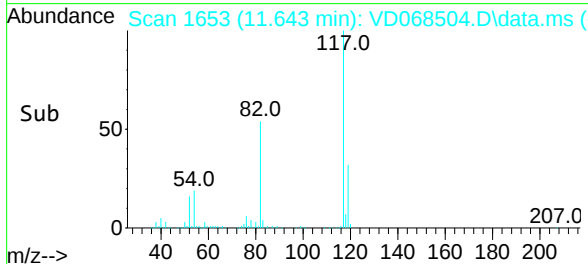
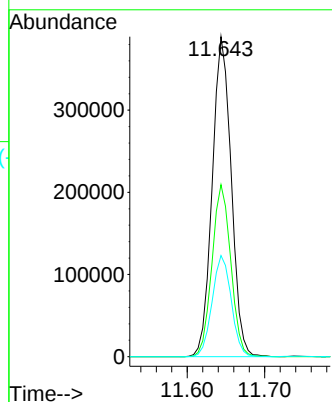
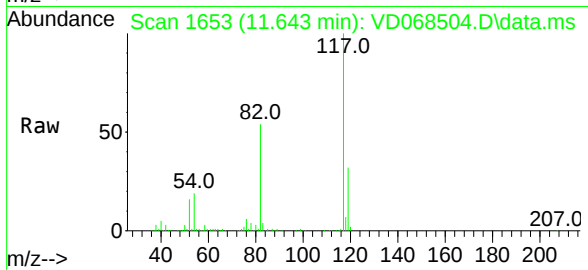




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068504.D
Acq: 03 Mar 2021 10:53

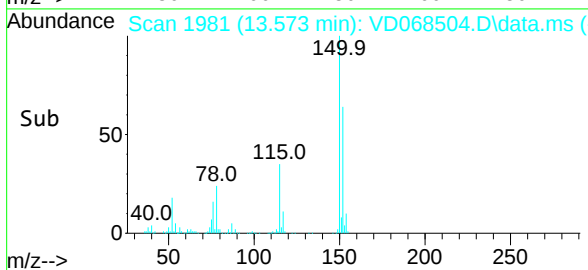
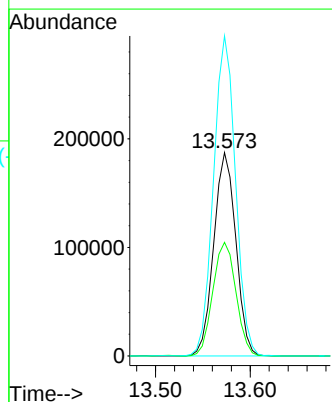
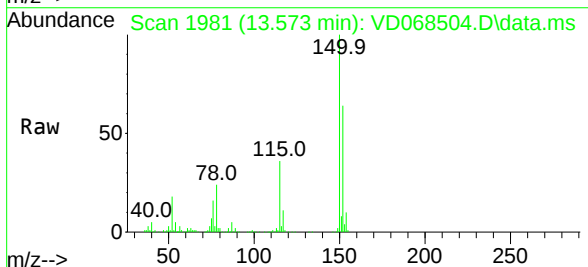
Instrument :
MSVOA_D
ClientSampled :

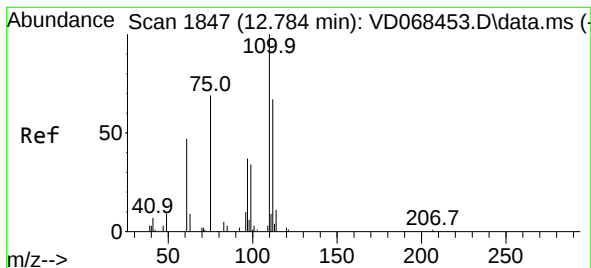
Tgt Ion:117 Resp: 663180
Ion Ratio Lower Upper
117 100
82 53.8 41.4 62.0
119 31.6 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068504.D
Acq: 03 Mar 2021 10:53

Tgt Ion:152 Resp: 304539
Ion Ratio Lower Upper
152 100
115 58.4 28.9 86.8
150 156.5 0.0 344.4

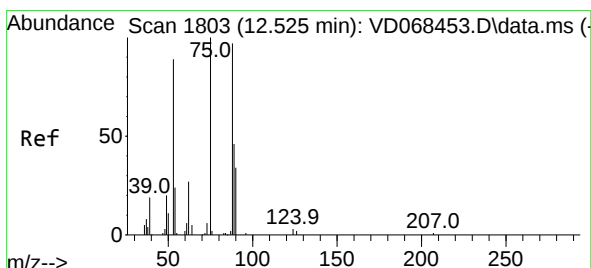
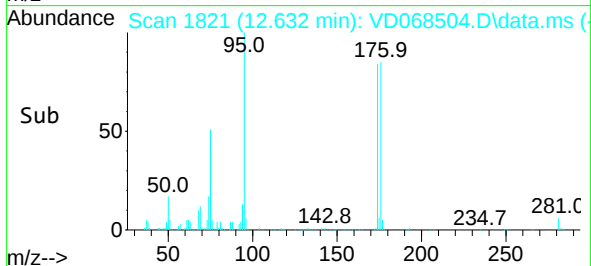
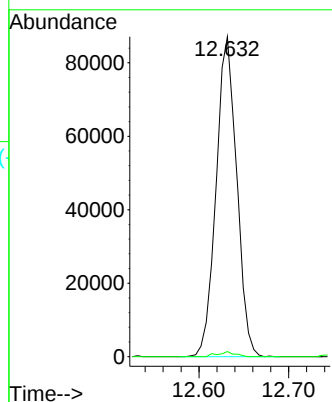
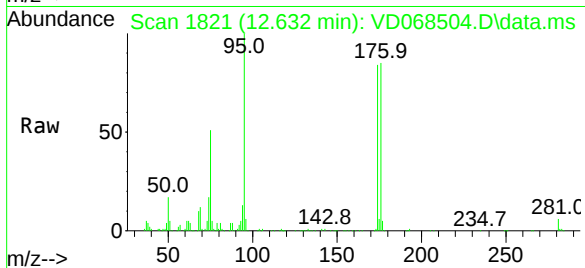




#76
1,2,3-Trichloropropane
Concen: 51.37 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068504.D
Acq: 03 Mar 2021 10:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 138892
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 119.89 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068504.D
Acq: 03 Mar 2021 10:53

Tgt Ion: 75 Resp: 138892
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.1 40.3 60.5#

