

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021021\
 Data File : VD068340.D
 Acq On : 10 Feb 2021 12:06
 Operator : VA/SY
 Sample : VD0210SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0210SBL01

Quant Time: Feb 11 00:10:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

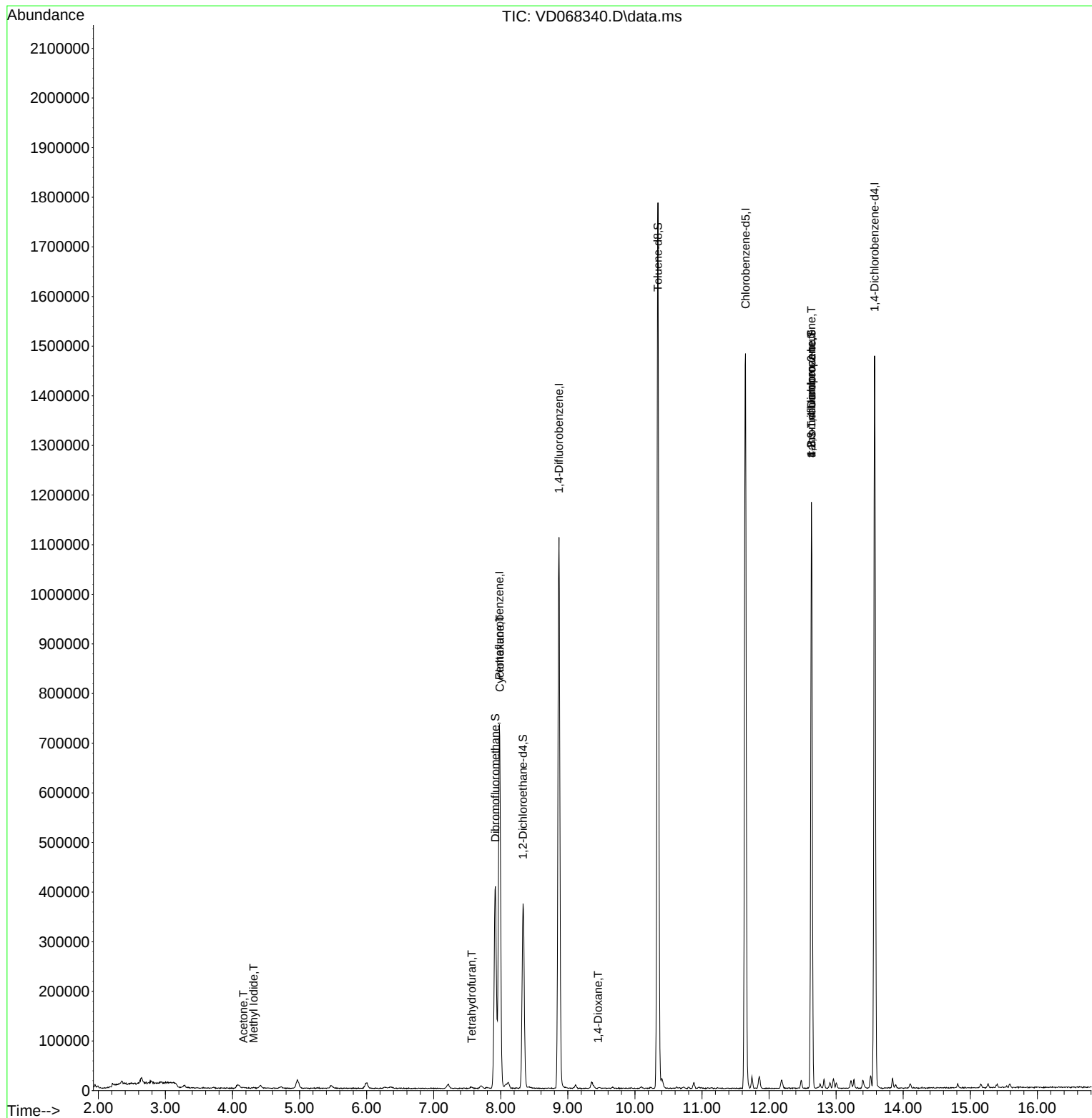
Internal Standards						
1) Pentafluorobenzene	7.979	168	548178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	996637	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	899957	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	399214	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	296455	56.53	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.06%
35) Dibromofluoromethane	7.920	113	298875	54.24	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.48%
50) Toluene-d8	10.344	98	1247318	56.59	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.18%
62) 4-Bromofluorobenzene	12.632	95	401901	50.64	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.28%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.314	142	2796	3.55	ug/l #	79
11) Tert butyl alcohol	5.244	59	54	Below Cal	#	74
16) Acetone	4.162	43	3502	3.74	ug/l	92
20) Methylene Chloride	4.967	84	13617	Below Cal		96
29) Tetrahydrofuran	7.567	42	1435	1.57	ug/l #	73
31) Cyclohexane	7.985	56	16562	1.46	ug/l #	41
49) 1,4-Dioxane	9.450	88	81	1.98	ug/l #	59
76) 1,2,3-Trichloropropane	12.632	75	201958	52.32	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	201958	105.87	ug/l #	13

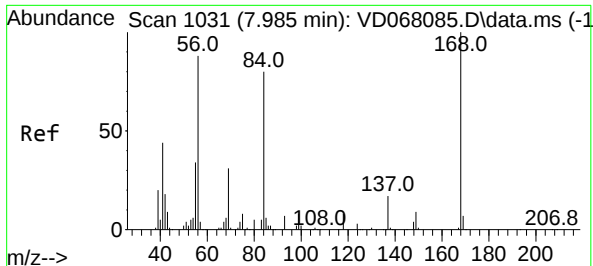
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

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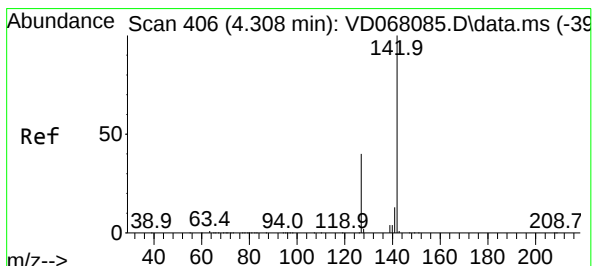
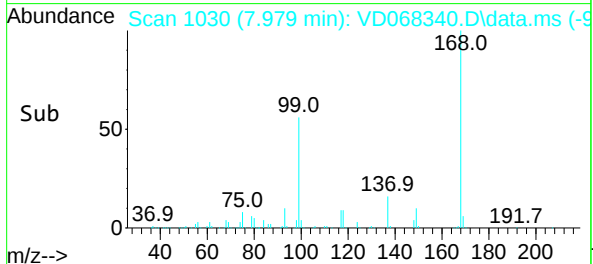
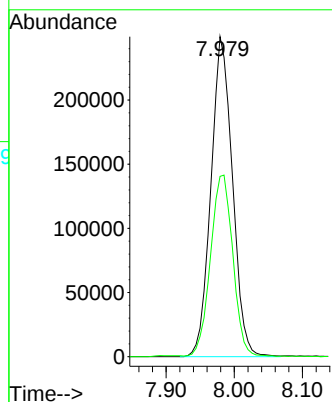
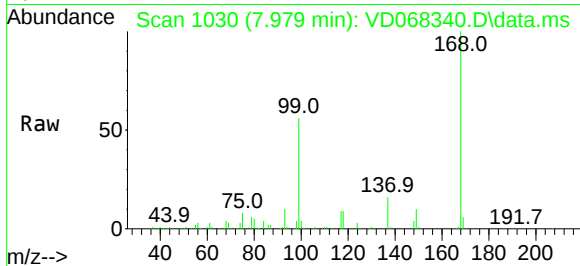




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068340.D
Acq: 10 Feb 2021 12:06

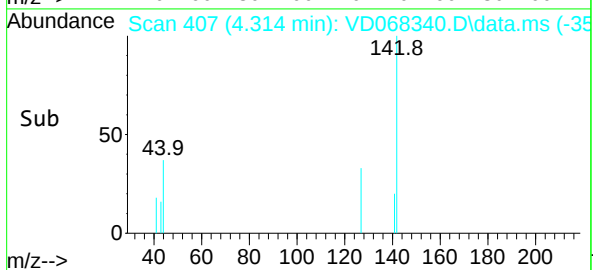
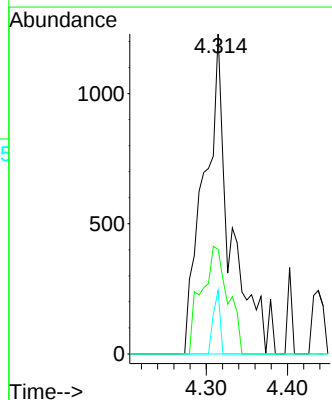
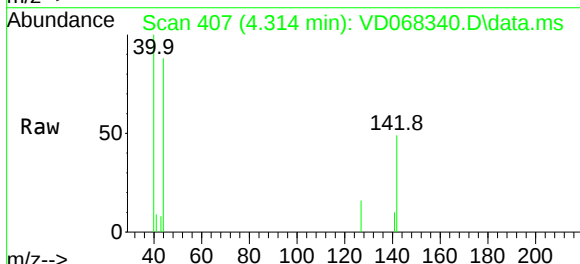
Instrument :
MSVOA_D
ClientSampleId :
VD0210SBL01

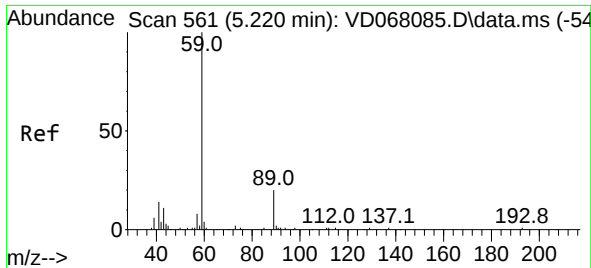
Tgt Ion:168 Resp: 548178
Ion Ratio Lower Upper
168 100
99 56.2 43.5 65.3



#10
Methyl Iodide
Concen: 3.55 ug/l
RT: 4.314 min Scan# 407
Delta R.T. 0.006 min
Lab File: VD068340.D
Acq: 10 Feb 2021 12:06

Tgt Ion:142 Resp: 2796
Ion Ratio Lower Upper
142 100
127 33.6 37.9 56.9#
141 5.0 11.5 17.3#

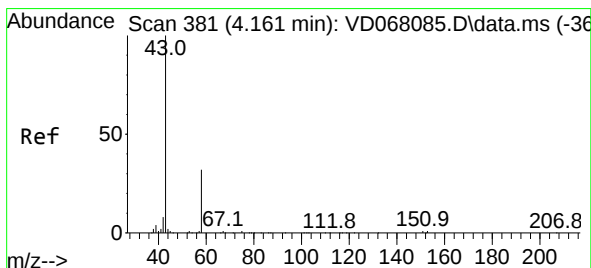
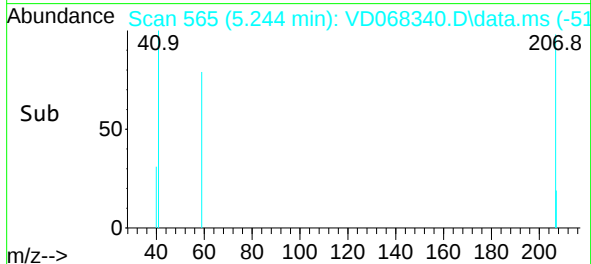
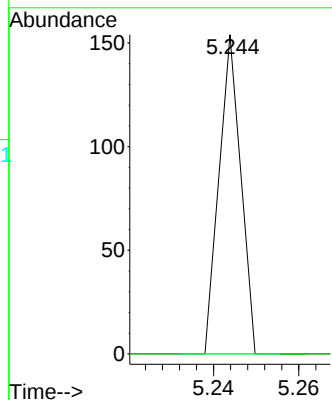
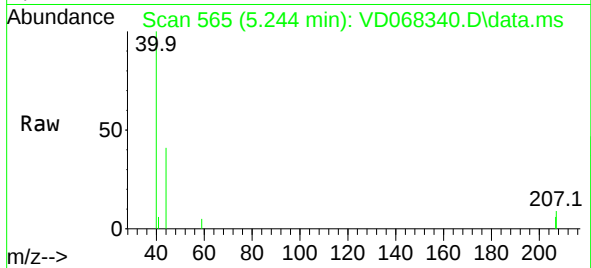




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.244 min Scan# 565
Delta R.T. 0.024 min
Lab File: VD068340.D
Acq: 10 Feb 2021 12:06

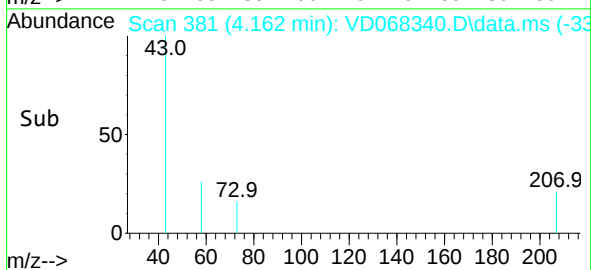
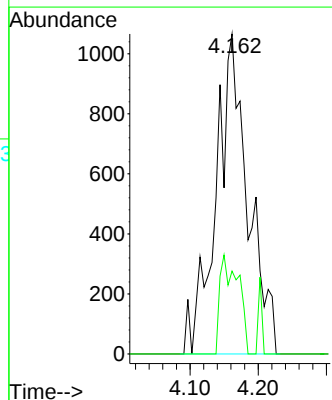
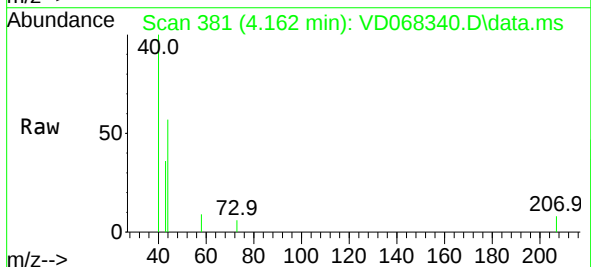
Instrument :
MSVOA_D
ClientSampleId :
VD0210SBL01

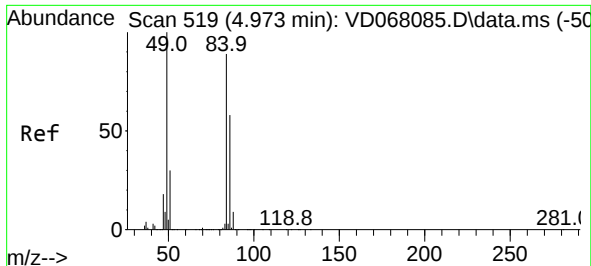
Tgt Ion: 59 Resp: 54
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 3.74 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068340.D
Acq: 10 Feb 2021 12:06

Tgt Ion: 43 Resp: 3502
Ion Ratio Lower Upper
43 100
58 25.9 24.2 36.4

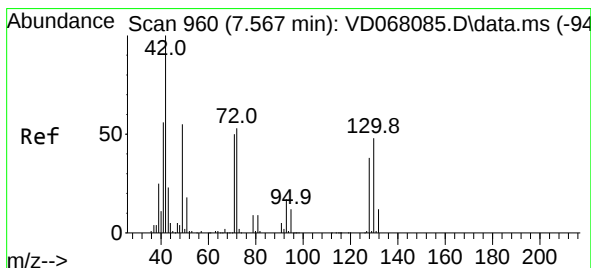
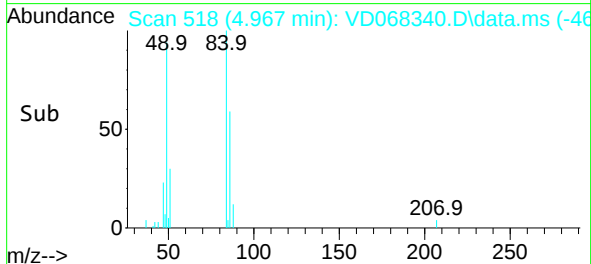
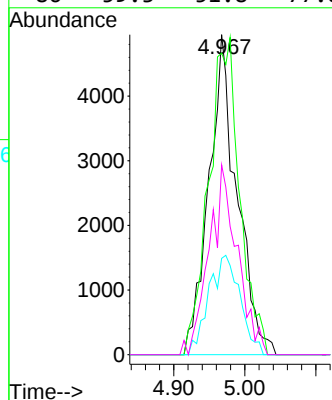
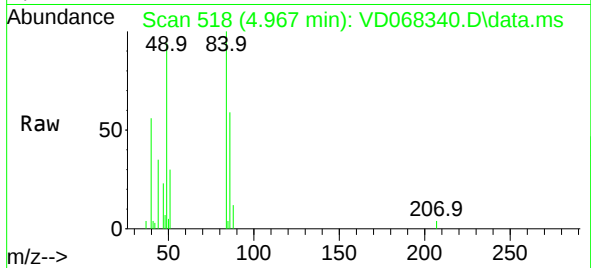




#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068340.D
Acq: 10 Feb 2021 12:06

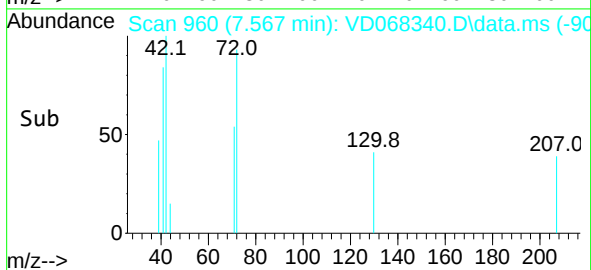
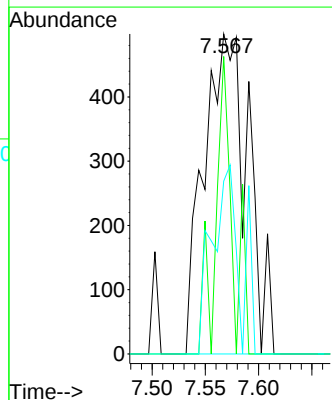
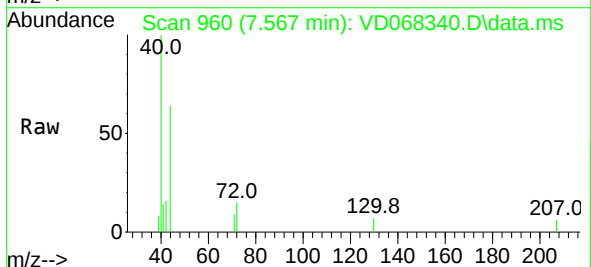
Instrument :
MSVOA_D
ClientSampleId :
VD0210SBL01

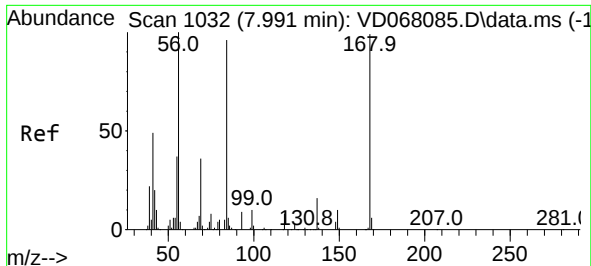
Tgt Ion:	84	Resp:	13617
Ion	Ratio	Lower	Upper
84	100		
49	94.2	77.4	116.2
51	30.1	26.1	39.1
86	59.3	51.8	77.8



#29
Tetrahydrofuran
Concen: 1.57 ug/l
RT: 7.567 min Scan# 960
Delta R.T. 0.000 min
Lab File: VD068340.D
Acq: 10 Feb 2021 12:06

Tgt Ion:	42	Resp:	1435
Ion	Ratio	Lower	Upper
42	100		
72	35.5	43.4	65.0#
71	30.8	40.8	61.2#

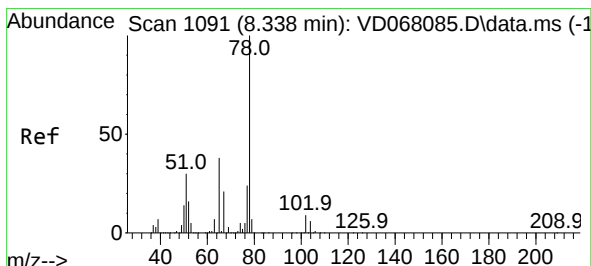
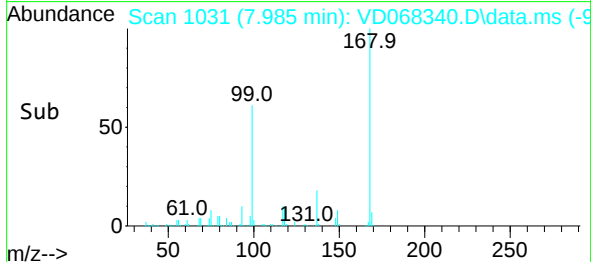
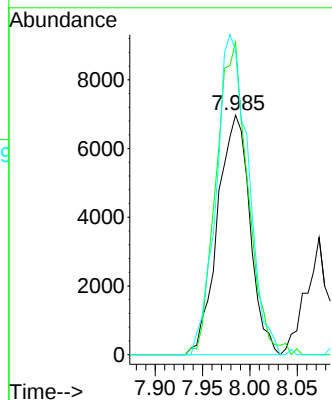
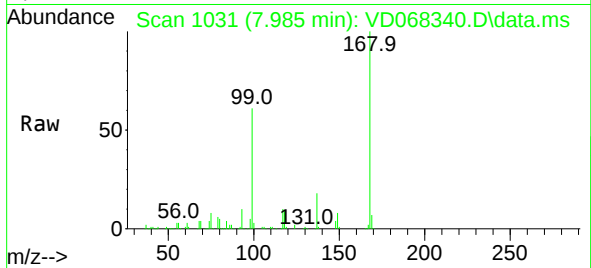




#31
Cyclohexane
Concen: 1.46 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068340.D
Acq: 10 Feb 2021 12:06

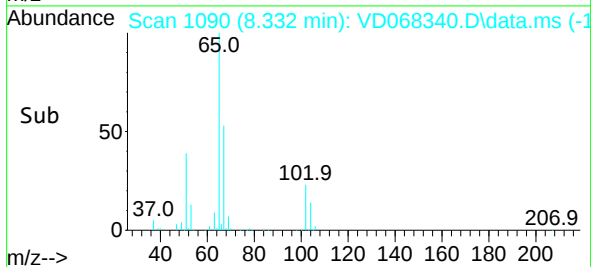
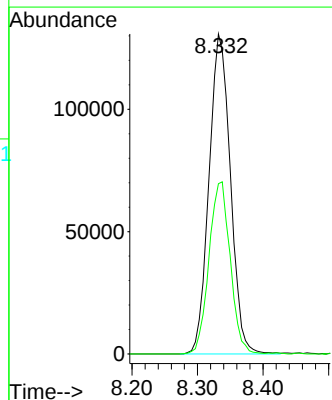
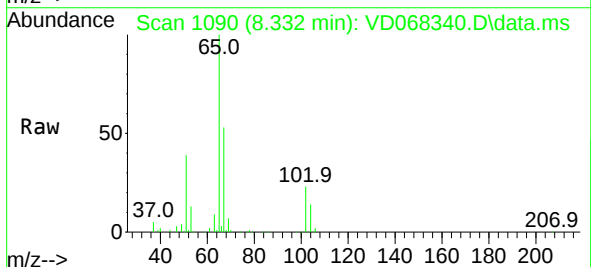
Instrument :
MSVOA_D
ClientSampleId :
VD0210SBL01

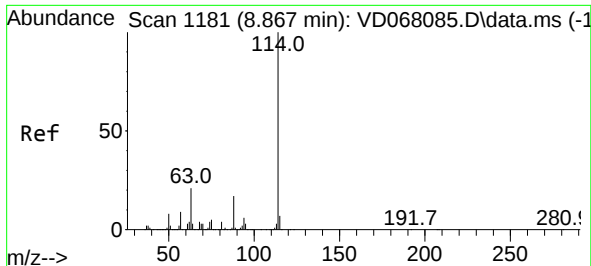
Tgt Ion: 56 Resp: 16562
Ion Ratio Lower Upper
56 100
69 130.5 30.1 45.1#
84 127.1 82.1 123.1#



#33
1,2-Dichloroethane-d4
Concen: 56.53 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068340.D
Acq: 10 Feb 2021 12:06

Tgt Ion: 65 Resp: 296455
Ion Ratio Lower Upper
65 100
67 53.4 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: VD068340.D

Acq: 10 Feb 2021 12:06

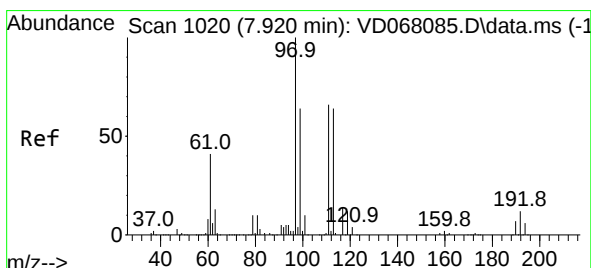
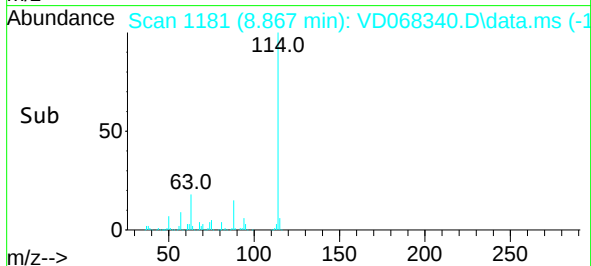
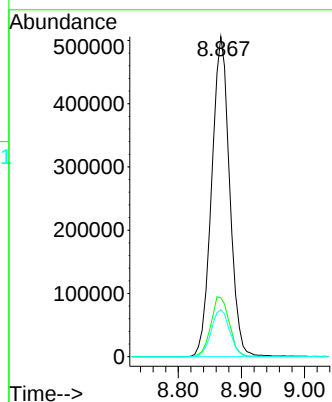
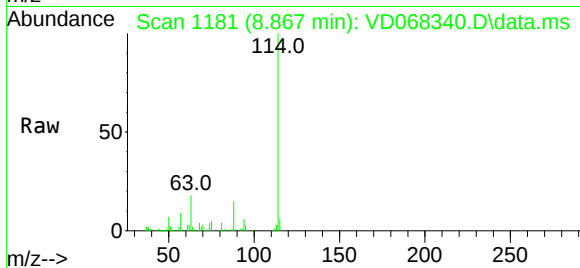
Tgt Ion:114 Resp: 996637

Ion Ratio Lower Upper

114 100

63 18.4 0.0 34.8

88 14.7 0.0 31.6



#35

Dibromofluoromethane

Concen: 54.24 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068340.D

Acq: 10 Feb 2021 12:06

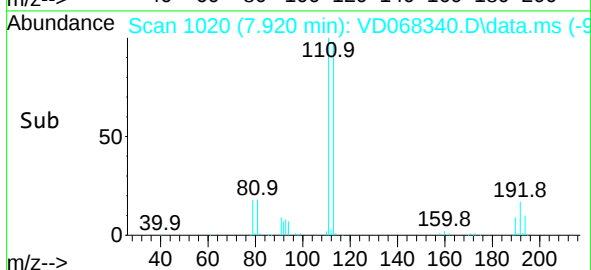
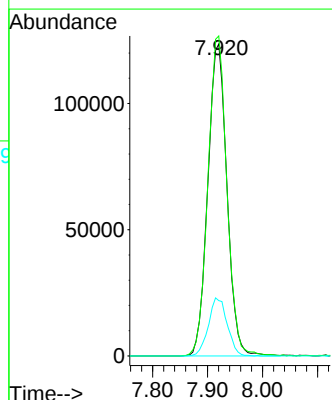
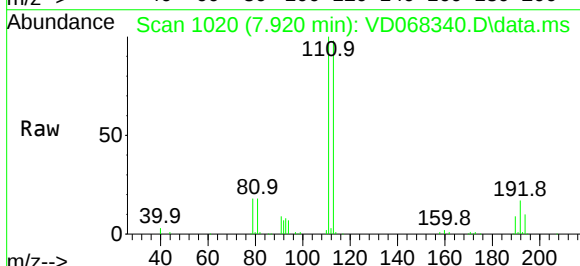
Tgt Ion:113 Resp: 298875

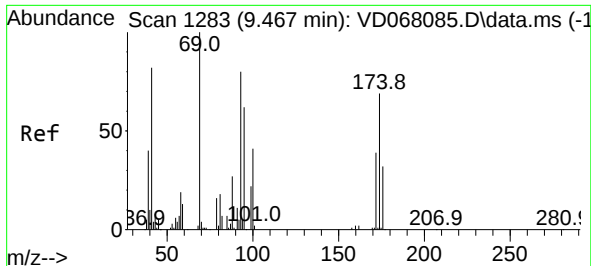
Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.0

192 18.3 16.1 24.1

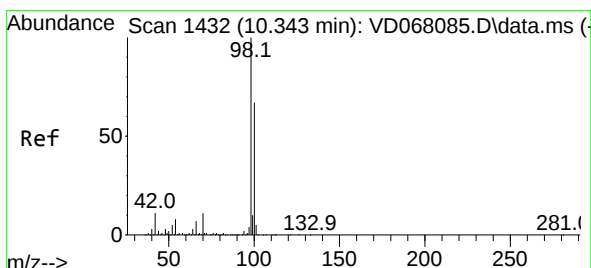
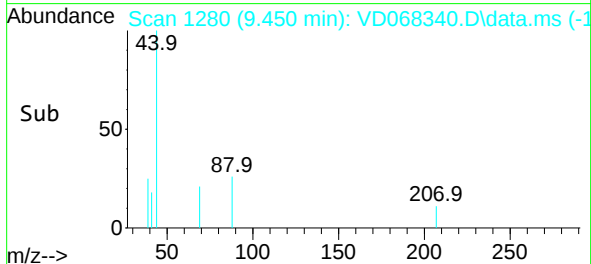
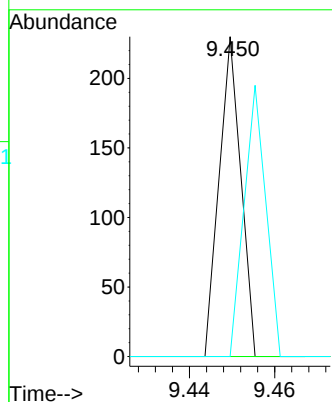
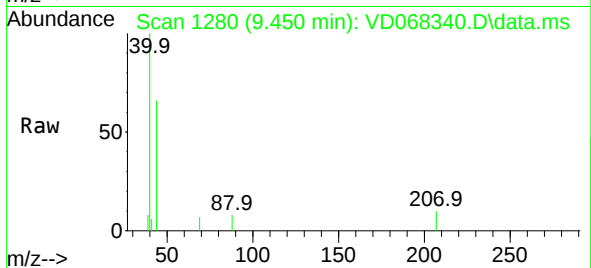




#49
1,4-Dioxane
Concen: 1.98 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.017 min
Lab File: VD068340.D
Acq: 10 Feb 2021 12:06

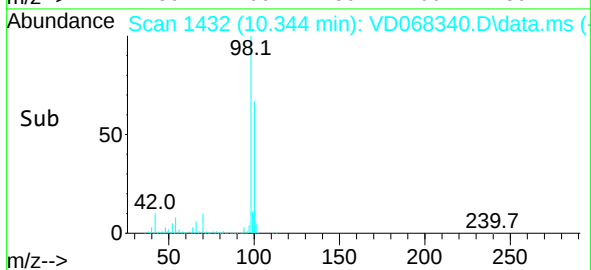
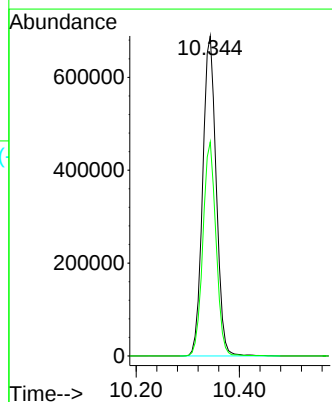
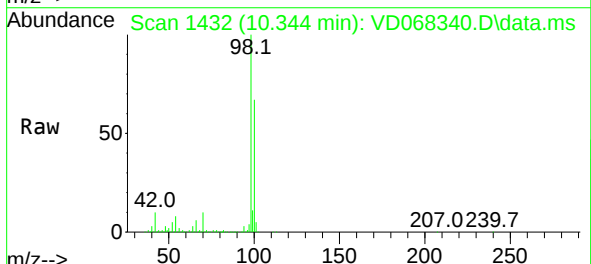
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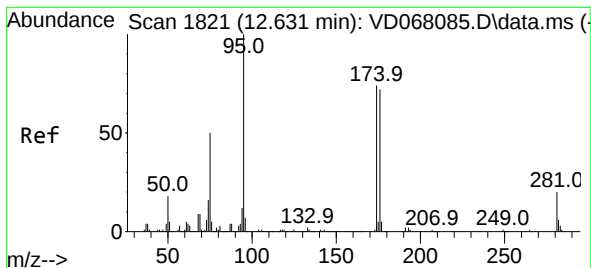
Tgt Ion: 88 Resp: 81
Ion Ratio Lower Upper
88 100
43 0.0 22.1 33.1#
58 85.2 46.7 70.1#



#50
Toluene-d8
Concen: 56.59 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068340.D
Acq: 10 Feb 2021 12:06

Tgt Ion: 98 Resp: 1247318
Ion Ratio Lower Upper
98 100
100 65.2 53.0 79.4

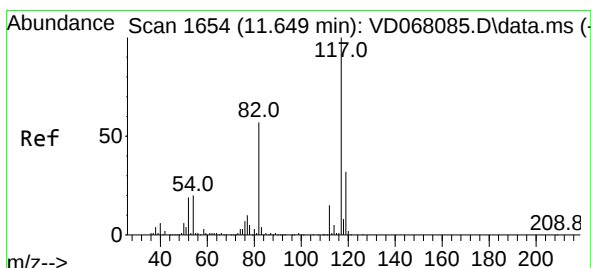
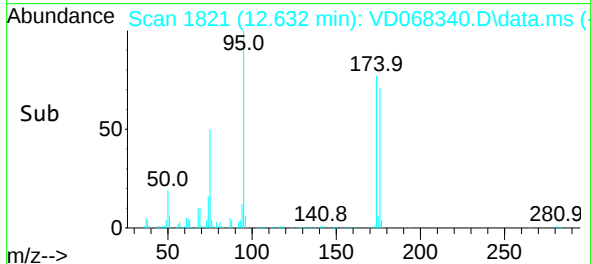
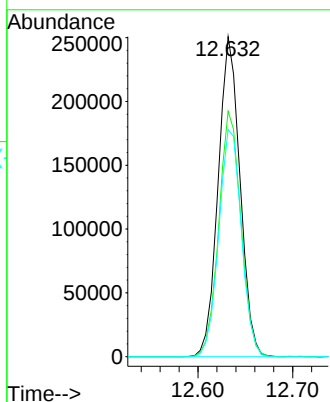
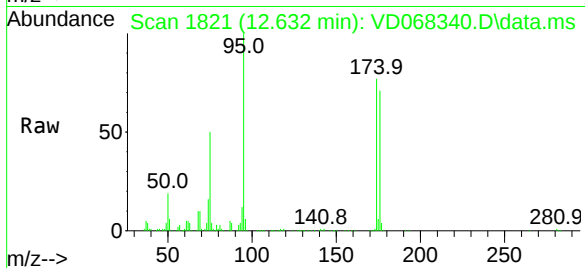




#62
4-Bromofluorobenzene
Concen: 50.64 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068340.D
Acq: 10 Feb 2021 12:06

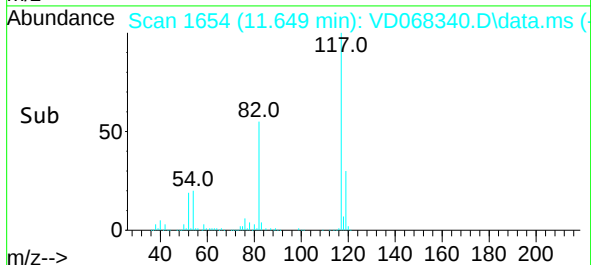
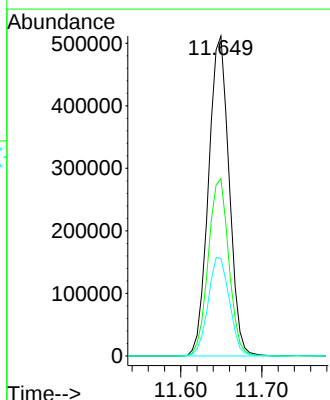
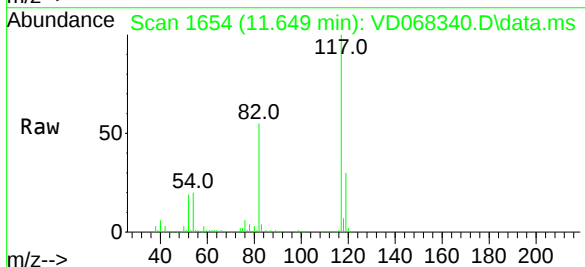
Instrument :
MSVOA_D
ClientSampleId :
VD0210SBL01

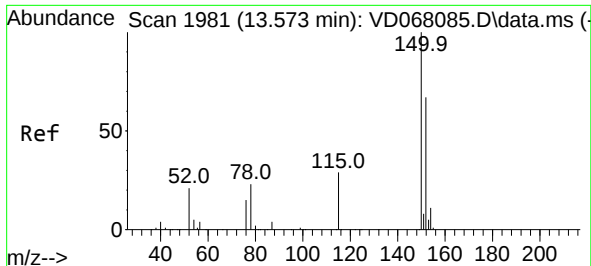
Tgt Ion: 95 Resp: 401901
Ion Ratio Lower Upper
95 100
174 77.8 0.0 172.4
176 73.5 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068340.D
Acq: 10 Feb 2021 12:06

Tgt Ion: 117 Resp: 899957
Ion Ratio Lower Upper
117 100
82 55.4 41.4 62.0
119 30.5 26.1 39.1

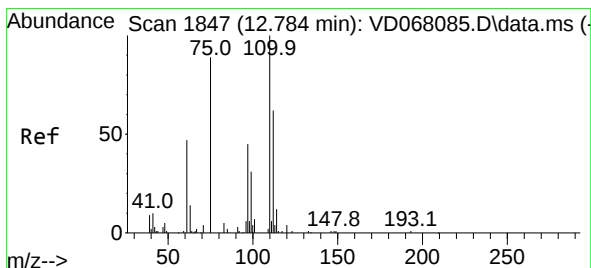
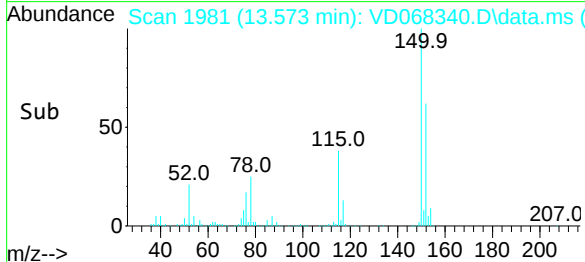
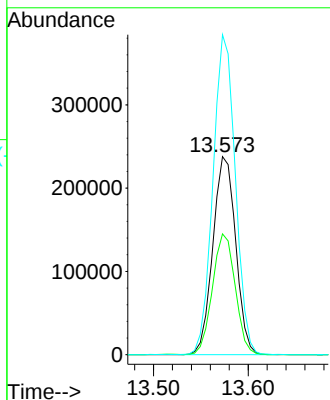
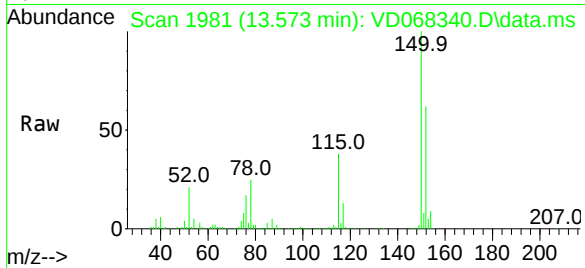




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068340.D
Acq: 10 Feb 2021 12:06

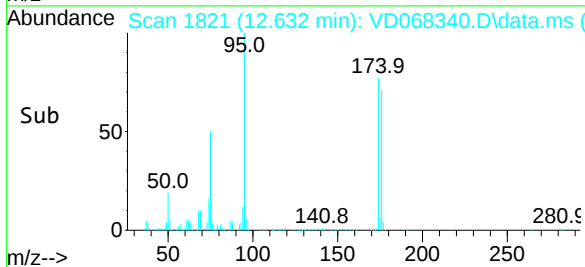
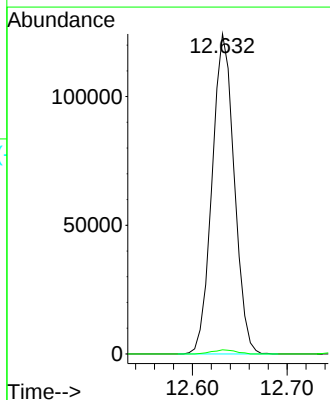
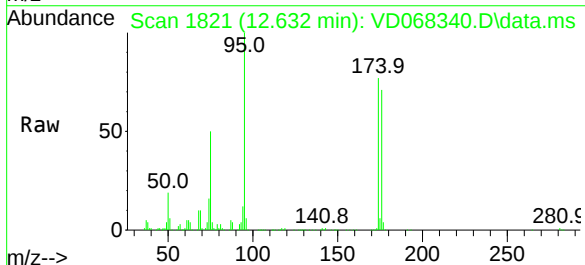
Instrument :
MSVOA_D
ClientSampleId :
VD0210SBL01

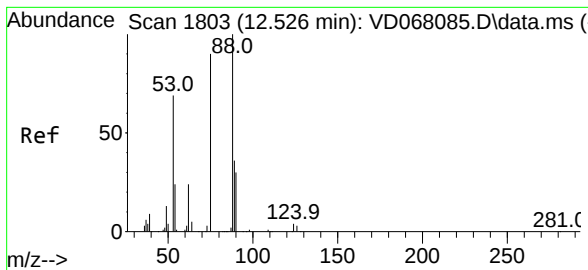
Tgt Ion:152 Resp: 399214
Ion Ratio Lower Upper
152 100
115 60.7 28.9 86.8
150 157.9 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 52.32 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068340.D
Acq: 10 Feb 2021 12:06

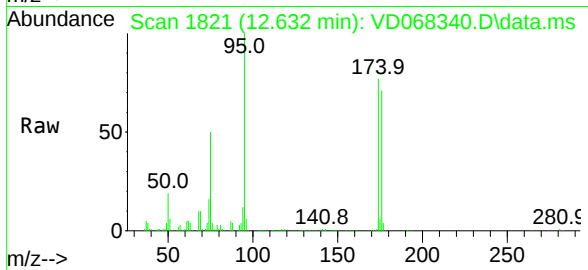
Tgt Ion: 75 Resp: 201958
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.87 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068340.D
 Acq: 10 Feb 2021 12:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0210SBL01



Tgt Ion: 75 Resp: 201958
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.0 40.3 60.5#

