

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042821\
 Data File : VD068997.D
 Acq On : 28 Apr 2021 11:37
 Operator : VA/SY
 Sample : VD0428SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 29 06:29:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

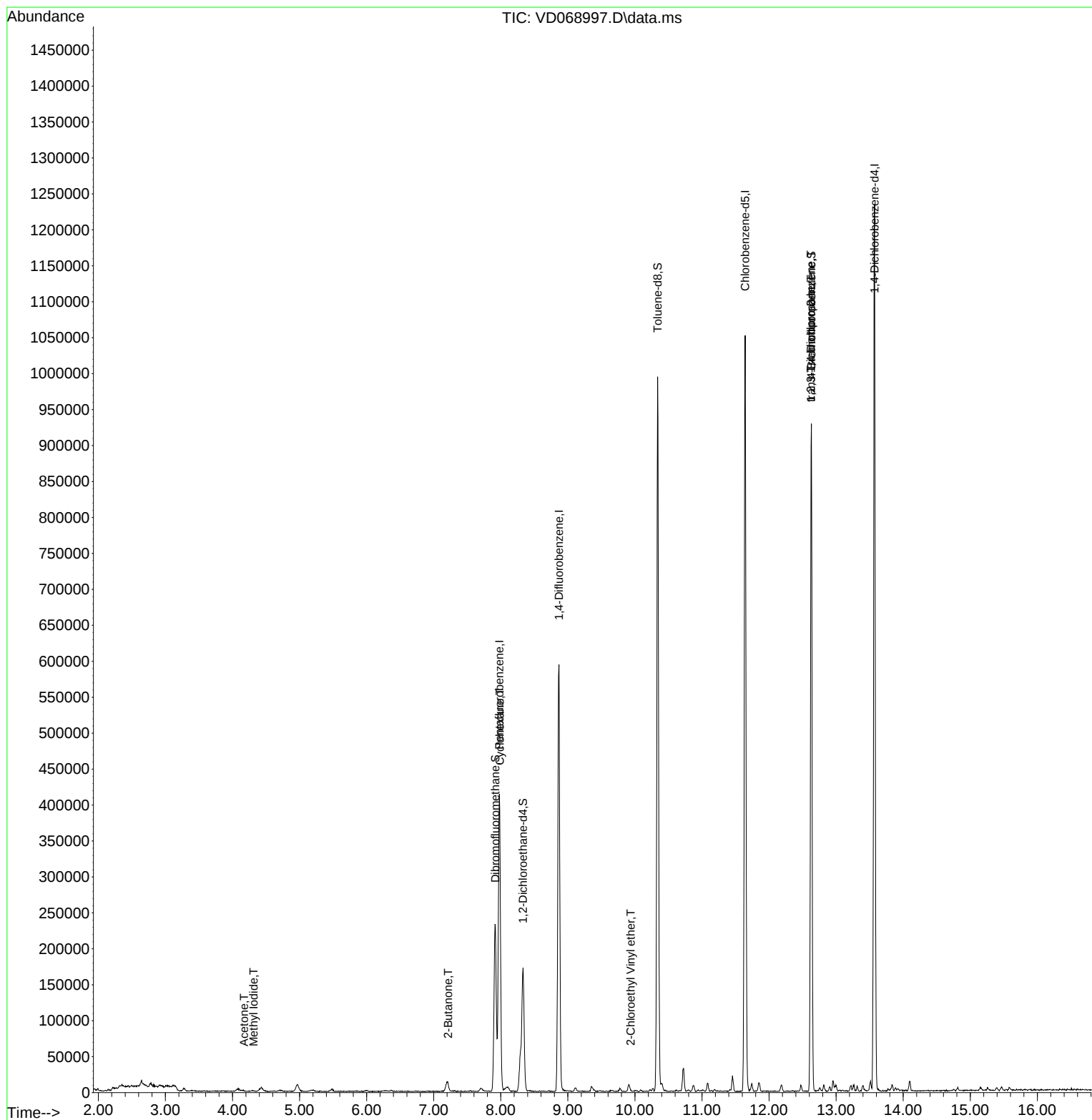
Internal Standards						
1) Pentafluorobenzene	7.979	168	316795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	543168	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	646592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	341696	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	133430	39.85	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	79.70%		
35) Dibromofluoromethane	7.920	113	166678	47.18	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.36%		
50) Toluene-d8	10.338	98	694814	52.13	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	104.26%		
62) 4-Bromofluorobenzene	12.632	95	291228	65.79	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	131.58%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.314	142	1529	2.63	ug/l #	45
11) Tert butyl alcohol	5.173	59	1125	Below Cal	#	73
16) Acetone	4.173	43	2287	4.93	ug/l #	40
20) Methylene Chloride	4.967	84	8411	Below Cal	#	86
25) 2-Butanone	7.214	43	732	1.12	ug/l #	39
31) Cyclohexane	7.985	56	8755	1.57	ug/l #	64
58) 2-Chloroethyl Vinyl ether	9.938	63	556	17.30	ug/l #	44
76) 1,2,3-Trichloropropane	12.626	75	142196	45.55	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	142196	105.71	ug/l #	16

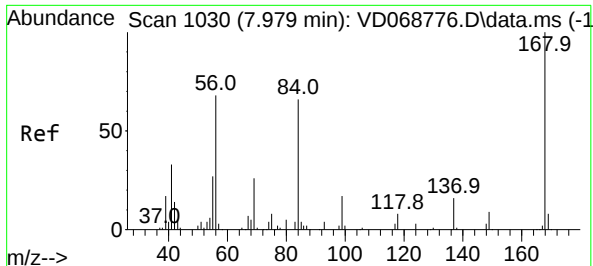
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042821\
Data File : VD068997.D
Acq On : 28 Apr 2021 11:37
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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

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Quant Time: Apr 29 06:29:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
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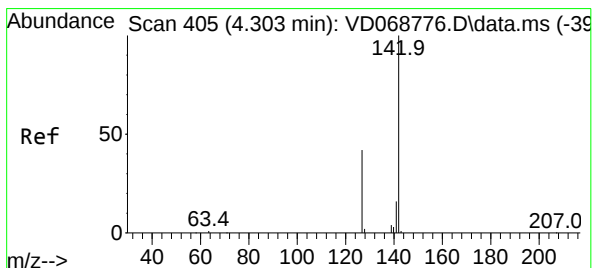
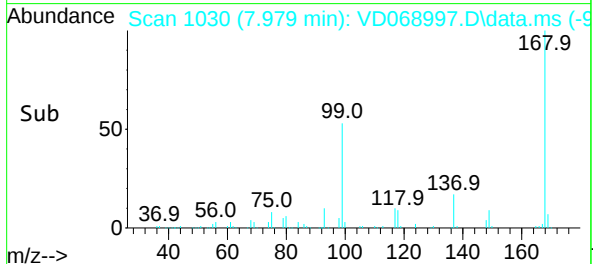
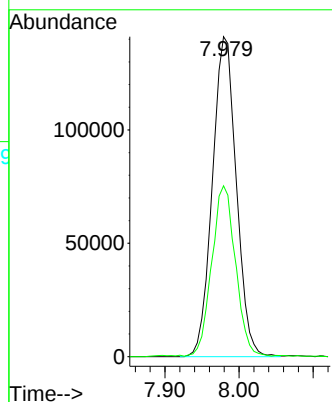
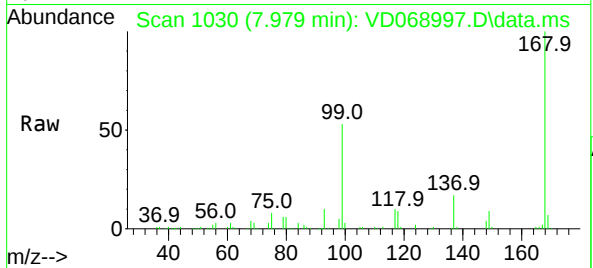




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068997.D
Acq: 28 Apr 2021 11:37

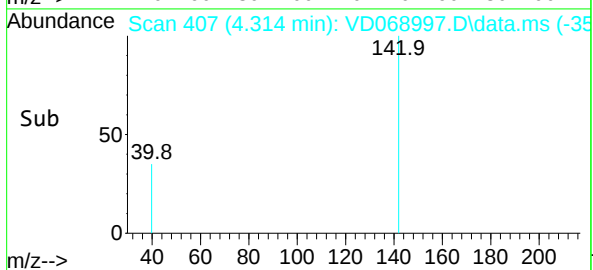
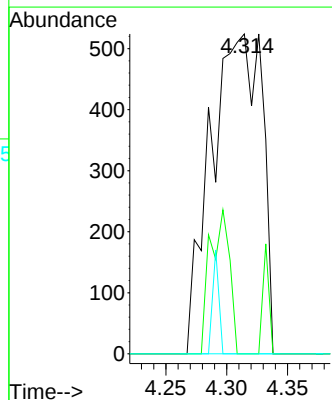
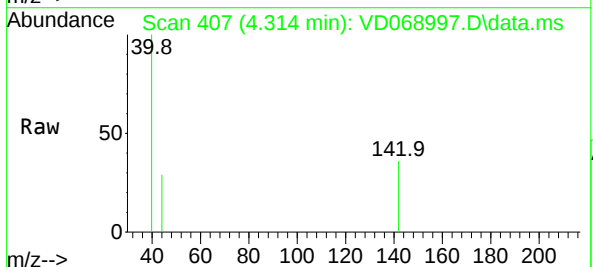
Instrument :
MSVOA_D
ClientSampled :

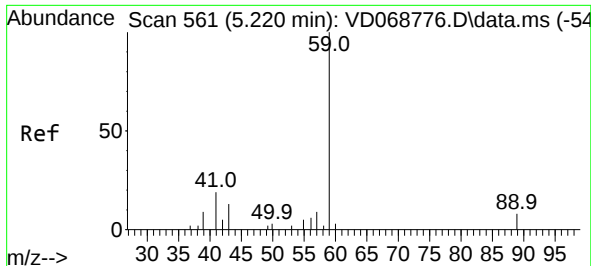
Tgt Ion:168 Resp: 316795
Ion Ratio Lower Upper
168 100
99 53.0 46.2 69.2



#10
Methyl Iodide
Concen: 2.63 ug/l
RT: 4.314 min Scan# 407
Delta R.T. 0.011 min
Lab File: VD068997.D
Acq: 28 Apr 2021 11:37

Tgt Ion:142 Resp: 1529
Ion Ratio Lower Upper
142 100
127 4.1 34.7 52.1#
141 0.0 11.0 16.4#

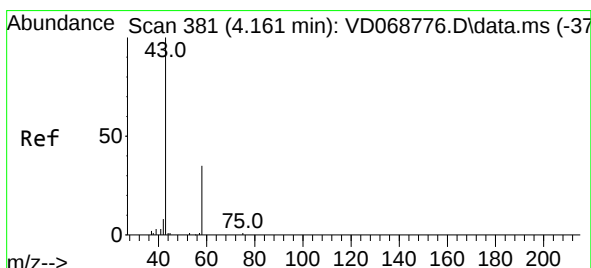
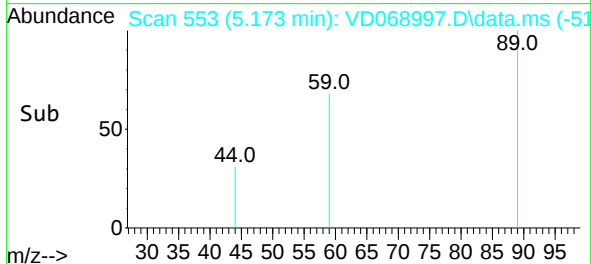
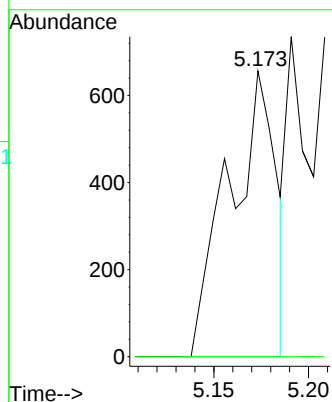
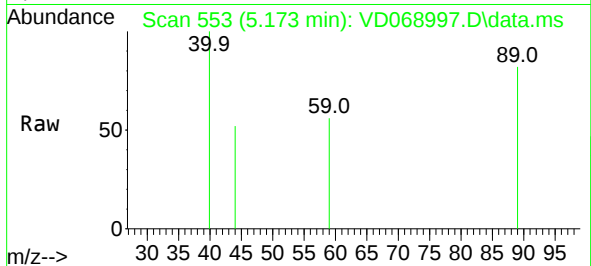




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.173 min Scan# 553
Delta R.T. -0.047 min
Lab File: VD068997.D
Acq: 28 Apr 2021 11:37

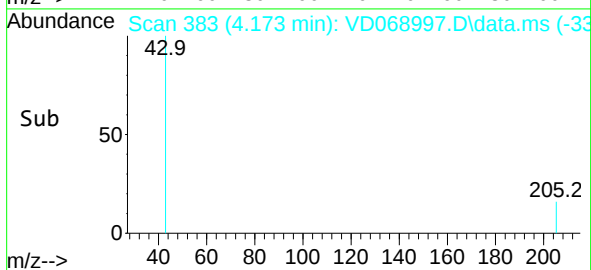
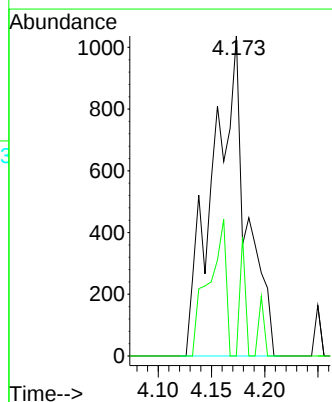
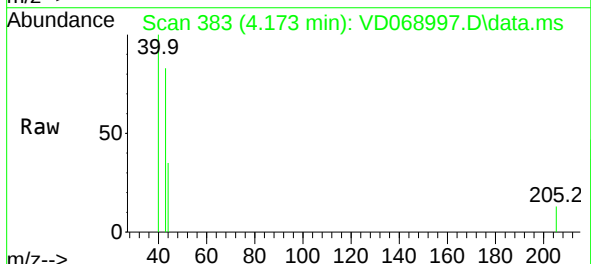
Instrument :
MSVOA_D
ClientSampleId :

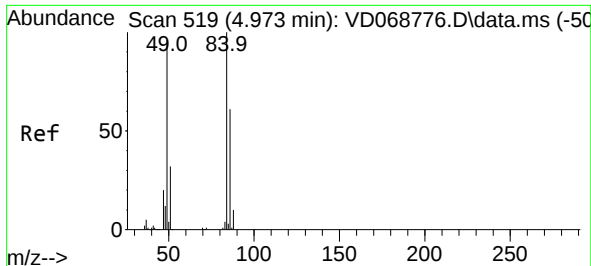
Tgt Ion: 59 Resp: 1125
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 4.93 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.012 min
Lab File: VD068997.D
Acq: 28 Apr 2021 11:37

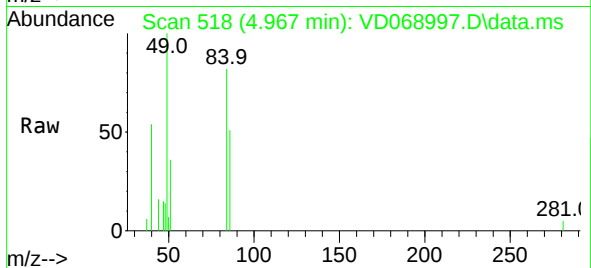
Tgt Ion: 43 Resp: 2287
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



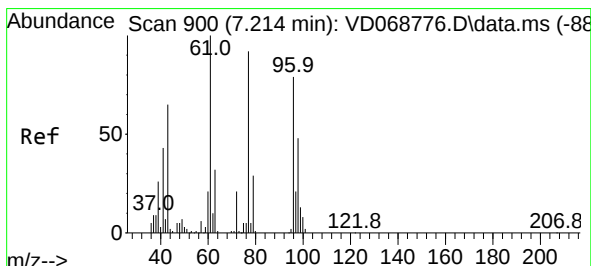
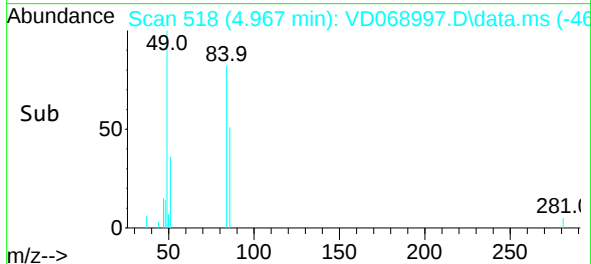
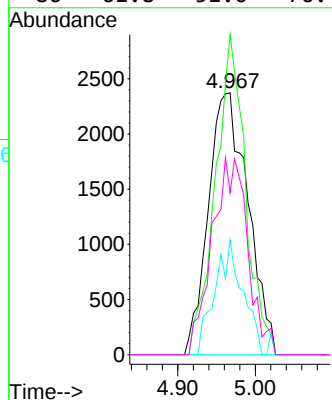


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068997.D
Acq: 28 Apr 2021 11:37

Instrument :
MSVOA_D
ClientSampled :

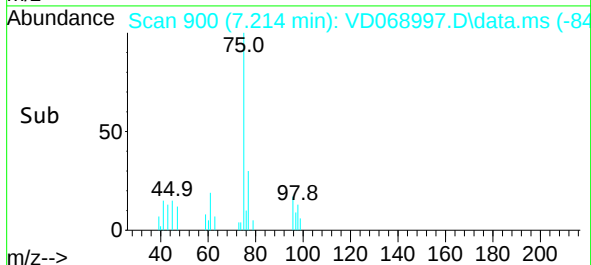
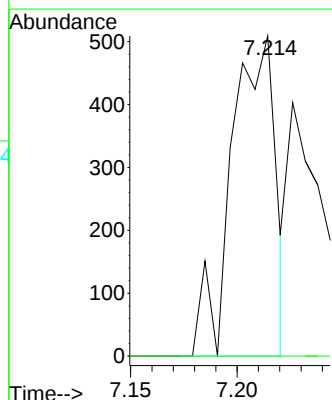
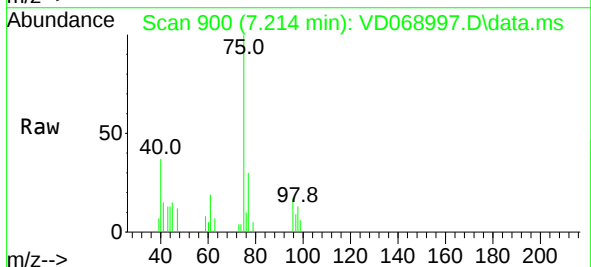


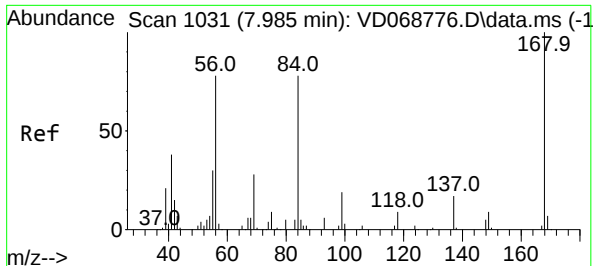
Tgt Ion:	84	Resp:	8411
Ion	Ratio	Lower	Upper
84	100		
49	122.2	83.4	125.0
51	43.7	23.4	35.2#
86	61.8	51.0	76.4



#25
2-Butanone
Concen: 1.12 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068997.D
Acq: 28 Apr 2021 11:37

Tgt Ion:	43	Resp:	732
Ion	Ratio	Lower	Upper
43	100		
72	0.0	28.6	43.0#

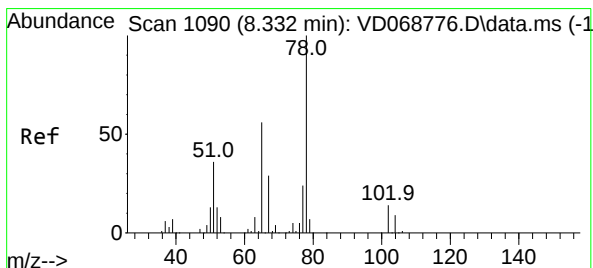
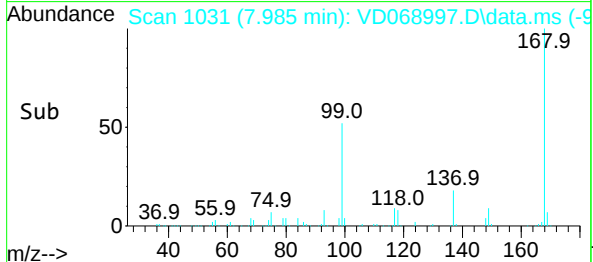
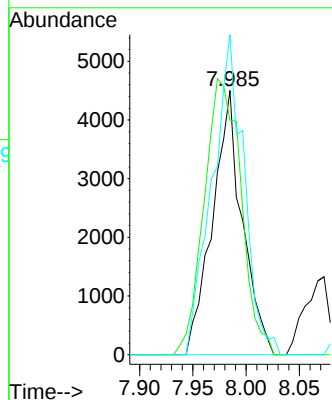
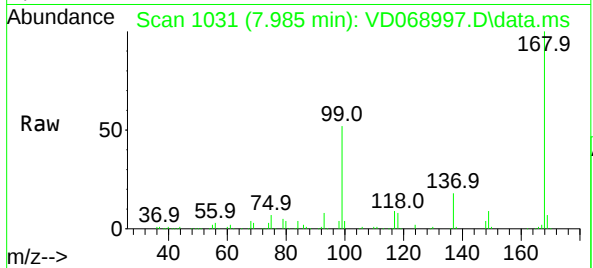




#31
Cyclohexane
Concen: 1.57 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068997.D
Acq: 28 Apr 2021 11:37

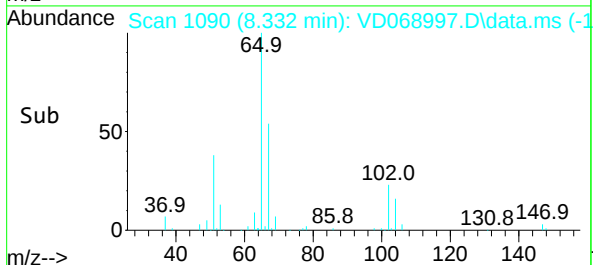
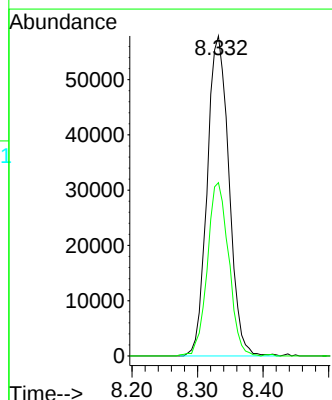
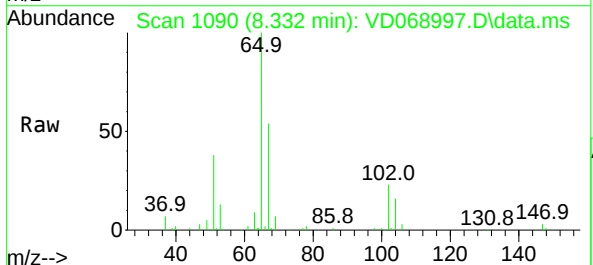
Instrument :
MSVOA_D
ClientSampled :

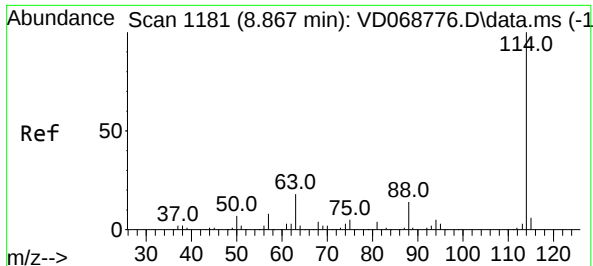
Tgt Ion: 56 Resp: 8755
Ion Ratio Lower Upper
56 100
69 88.8 30.0 45.0#
84 121.1 82.0 123.0



#33
1,2-Dichloroethane-d4
Concen: 39.85 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068997.D
Acq: 28 Apr 2021 11:37

Tgt Ion: 65 Resp: 133430
Ion Ratio Lower Upper
65 100
67 53.1 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: VD068997.D

Acq: 28 Apr 2021 11:37

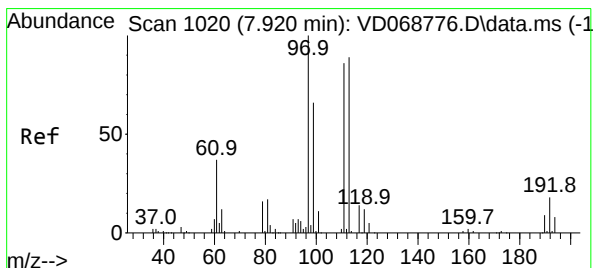
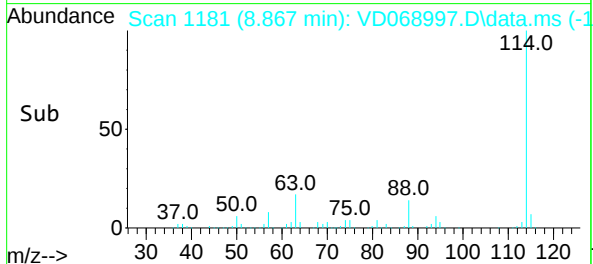
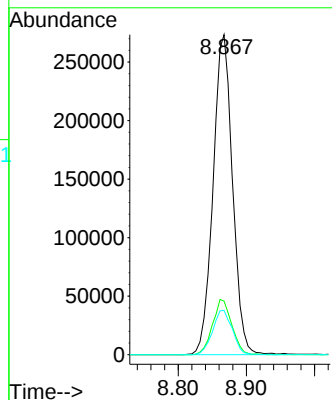
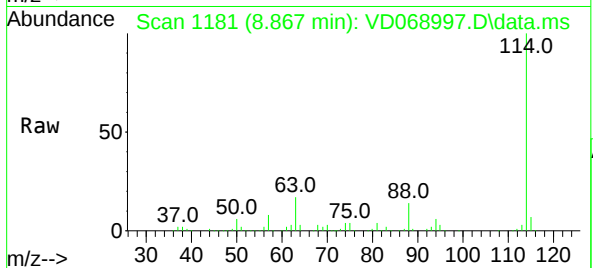
Tgt Ion:114 Resp: 543168

Ion Ratio Lower Upper

114 100

63 16.7 0.0 38.2

88 13.8 0.0 29.4



#35

Dibromofluoromethane

Concen: 47.18 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068997.D

Acq: 28 Apr 2021 11:37

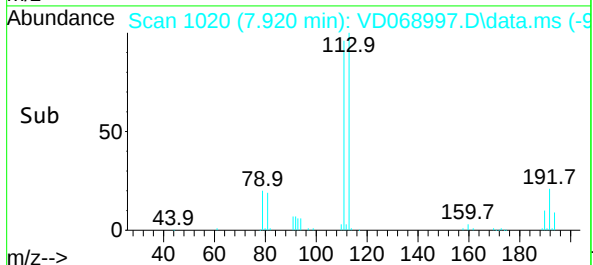
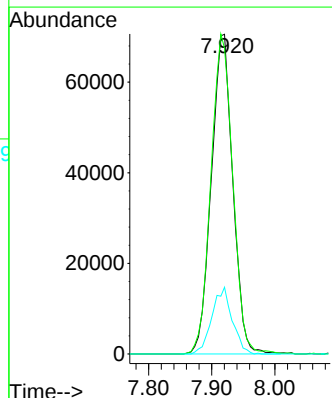
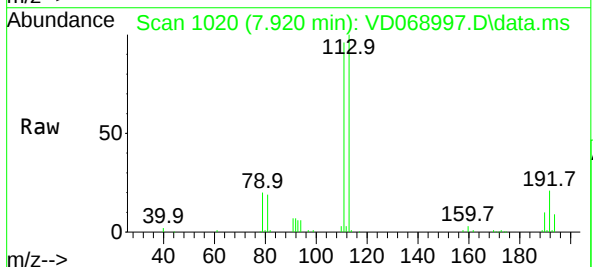
Tgt Ion:113 Resp: 166678

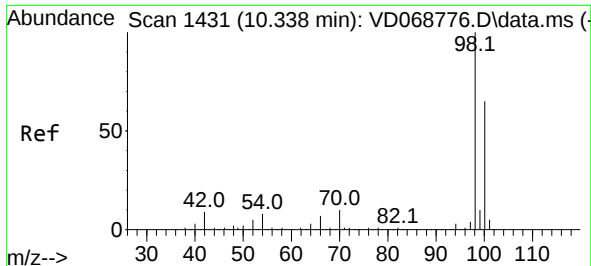
Ion Ratio Lower Upper

113 100

111 101.9 82.5 123.7

192 19.8 15.1 22.7

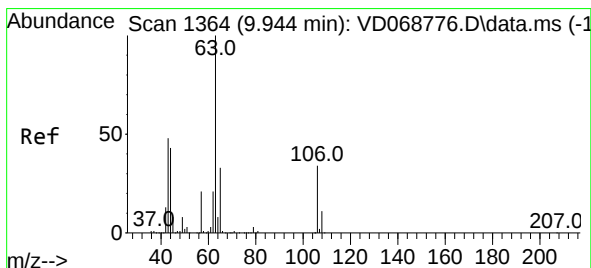
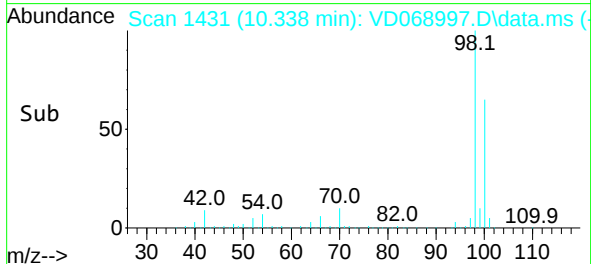
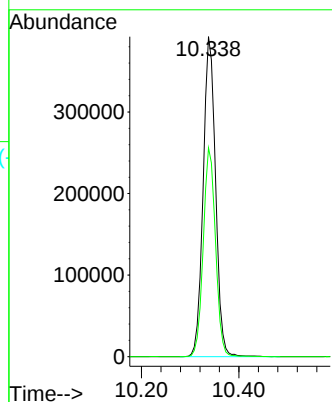
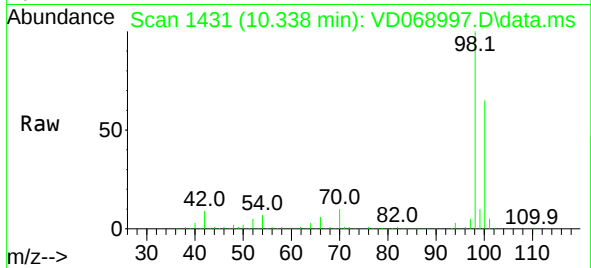




#50
Toluene-d8
Concen: 52.13 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068997.D
Acq: 28 Apr 2021 11:37

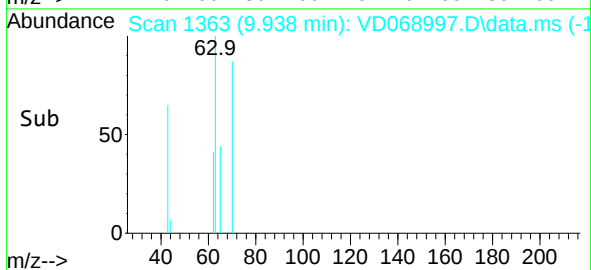
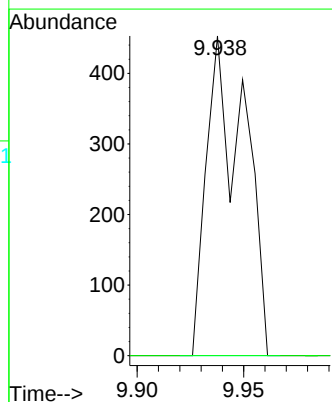
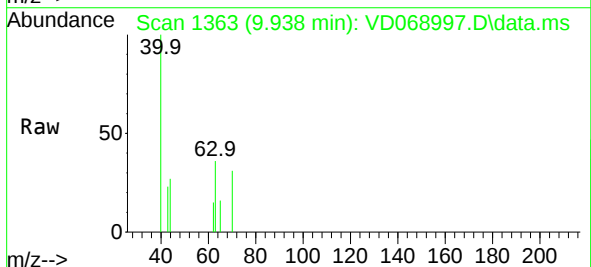
Instrument :
MSVOA_D
ClientSampleId :

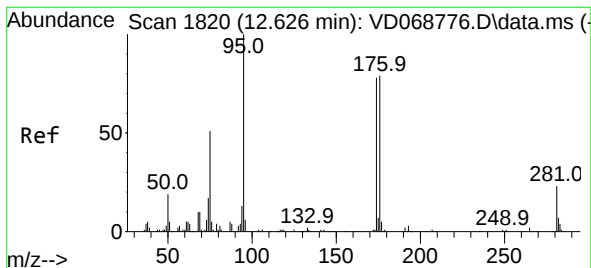
Tgt Ion: 98 Resp: 694814
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6



#58
2-Chloroethyl Vinyl ether
Concen: 17.30 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.006 min
Lab File: VD068997.D
Acq: 28 Apr 2021 11:37

Tgt Ion: 63 Resp: 556
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#

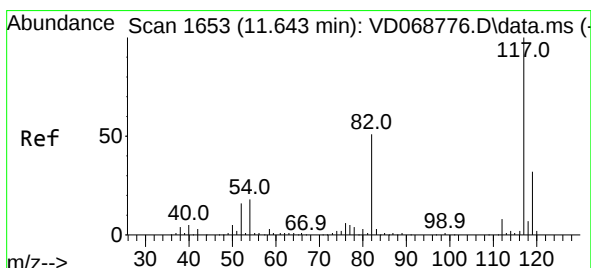
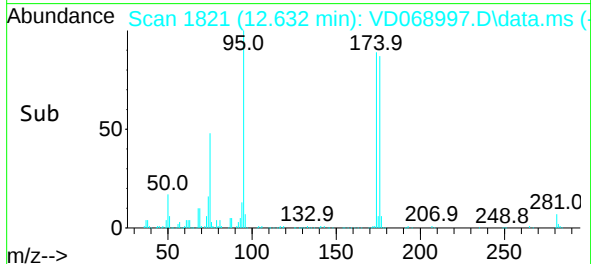
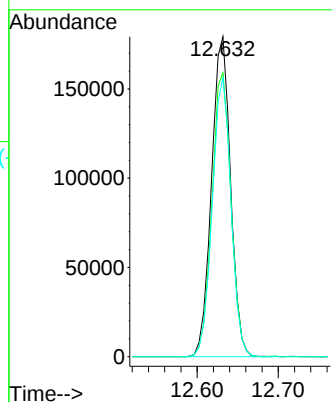
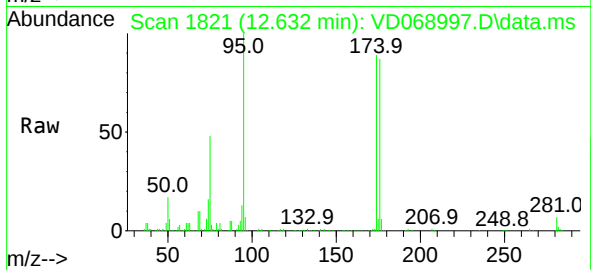




#62
4-Bromofluorobenzene
Concen: 65.79 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068997.D
Acq: 28 Apr 2021 11:37

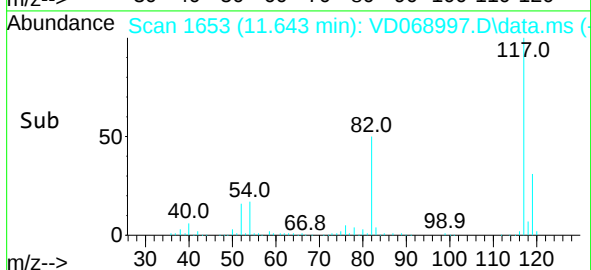
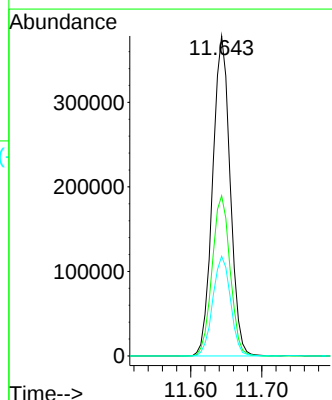
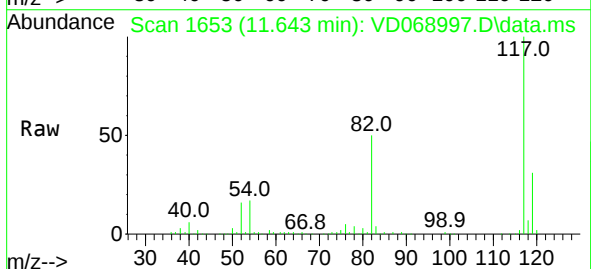
Instrument :
MSVOA_D
ClientSampleId :

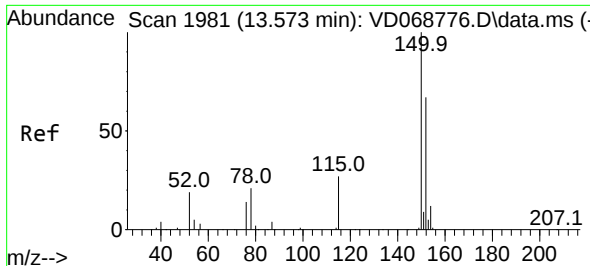
Tgt Ion: 95 Resp: 291228
Ion Ratio Lower Upper
95 100
174 88.7 0.0 168.0
176 85.9 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068997.D
Acq: 28 Apr 2021 11:37

Tgt Ion: 117 Resp: 646592
Ion Ratio Lower Upper
117 100
82 50.1 43.5 65.3
119 31.2 26.7 40.1

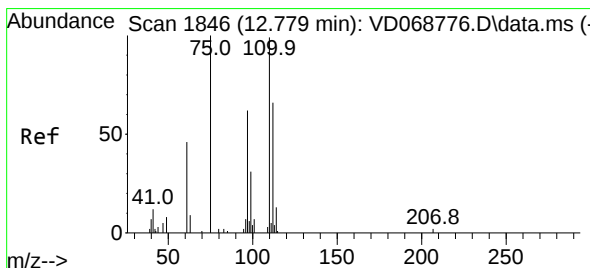
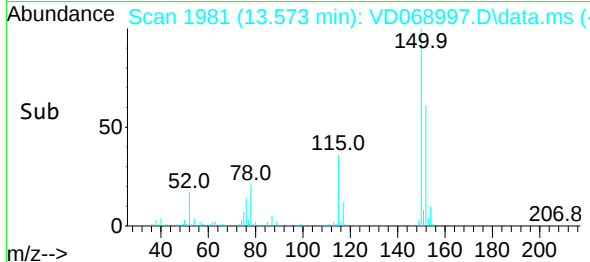
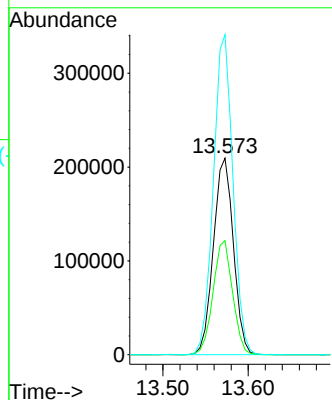
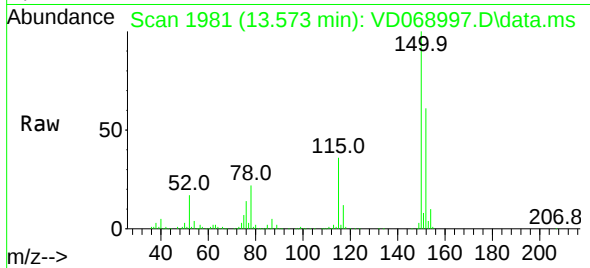




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068997.D
Acq: 28 Apr 2021 11:37

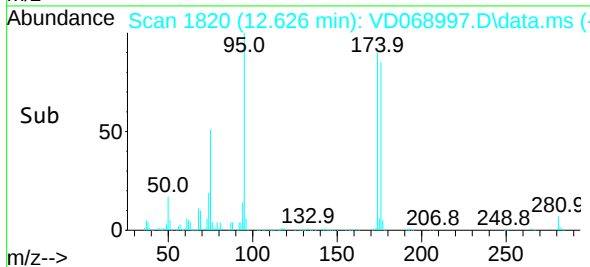
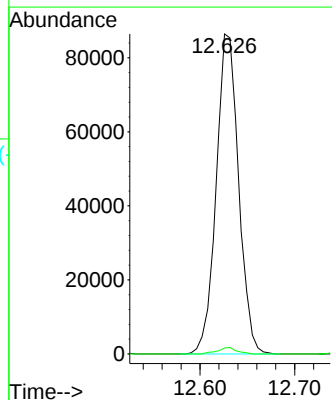
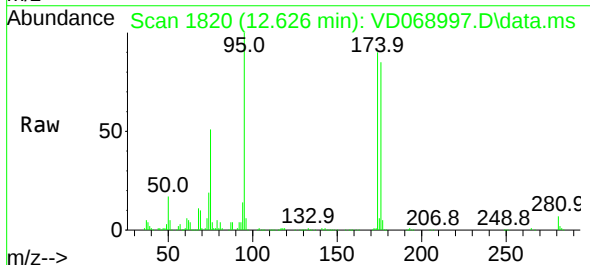
Instrument :
MSVOA_D
ClientSampled :

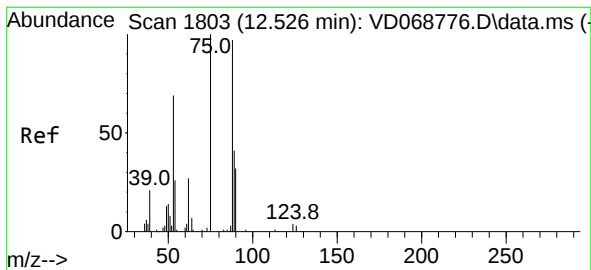
Tgt Ion:152 Resp: 341696
Ion Ratio Lower Upper
152 100
115 56.7 29.3 87.8
150 158.8 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 45.55 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD068997.D
Acq: 28 Apr 2021 11:37

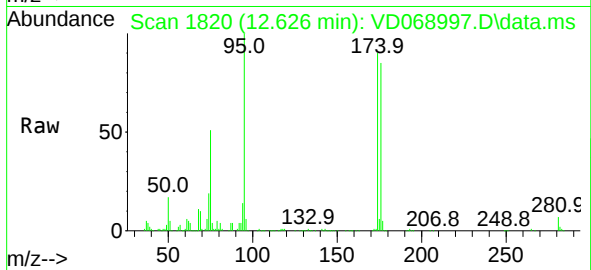
Tgt Ion: 75 Resp: 142196
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.71 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.100 min
 Lab File: VD068997.D
 Acq: 28 Apr 2021 11:37

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 142196
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.8 100.2#
 89 0.0 36.6 54.8#

