

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032621\
 Data File : VD068676.D
 Acq On : 26 Mar 2021 11:16
 Operator : VA/SY
 Sample : VD0326SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0326SBL01

Quant Time: Mar 27 00:41:23 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)

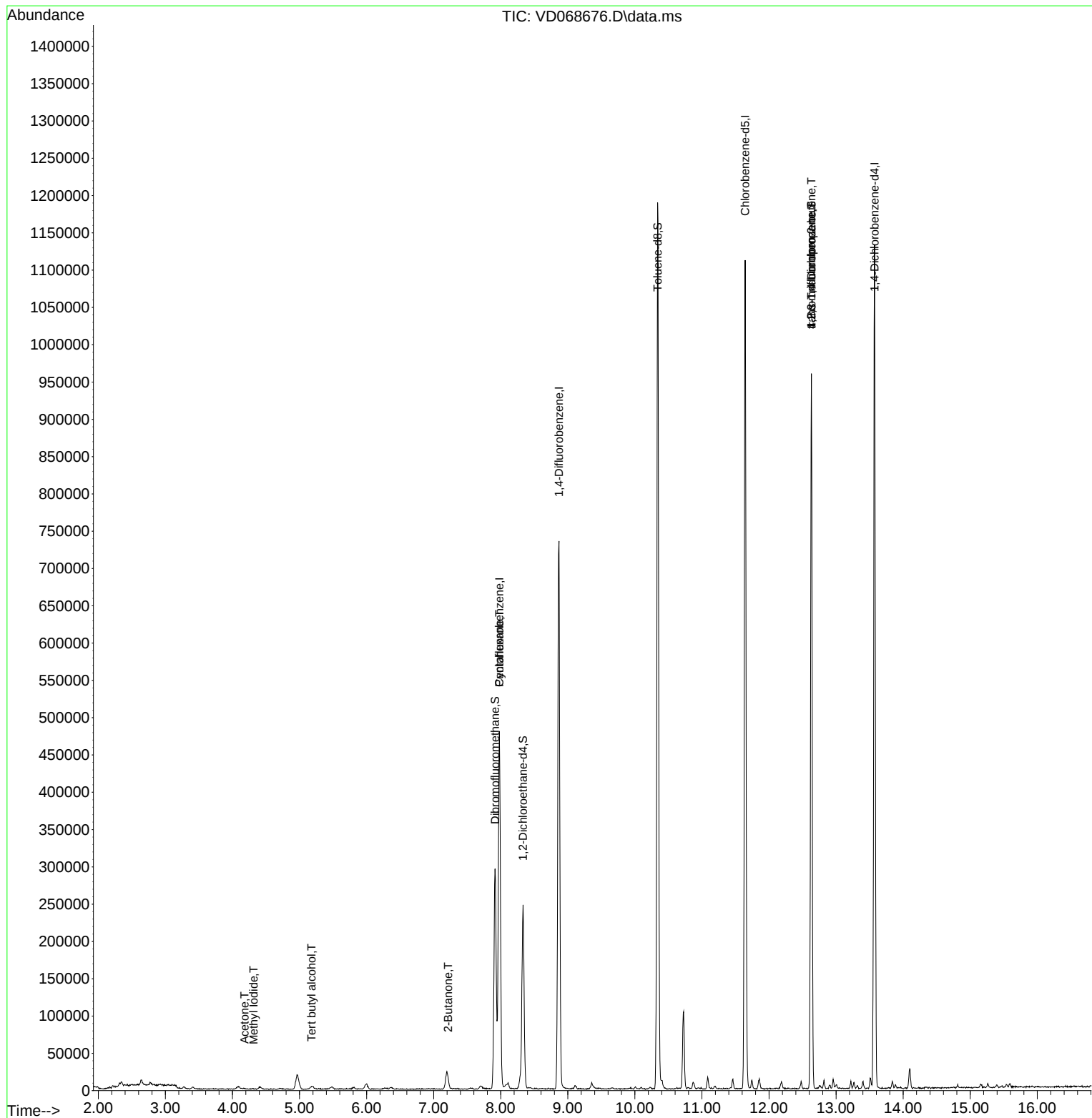
Internal Standards						
1) Pentafluorobenzene	7.979	168	355755	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	676551	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	654934	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	304570	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	190356	53.06	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.12%			
35) Dibromofluoromethane	7.914	113	213220	50.65	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.30%			
50) Toluene-d8	10.338	98	839350	51.72	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.44%			
62) 4-Bromofluorobenzene	12.632	95	283706	53.92	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.84%			
Target Compounds						Qvalue
10) Methyl Iodide	4.315	142	1488	3.87	ug/l #	46
11) Tert butyl alcohol	5.179	59	3852	23.30	ug/l #	73
13) Acrolein	3.926	56	59	Below Cal	#	16
16) Acetone	4.179	43	1990	4.57	ug/l #	40
20) Methylene Chloride	4.962	84	16009	Below Cal	#	83
25) 2-Butanone	7.214	43	1544	2.14	ug/l #	39
31) Cyclohexane	7.979	56	11162	1.93	ug/l #	42
76) 1,2,3-Trichloropropane	12.632	75	142774	56.32	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	142774	128.14	ug/l #	16

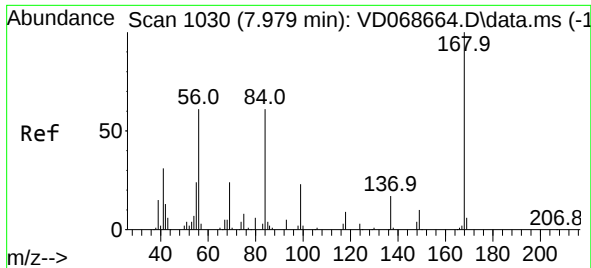
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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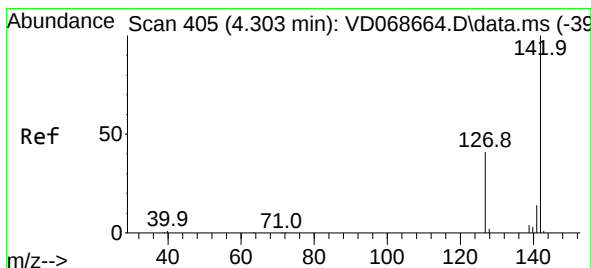
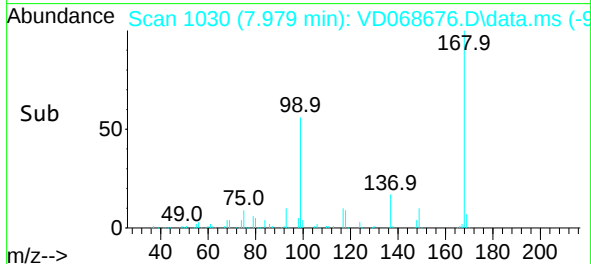
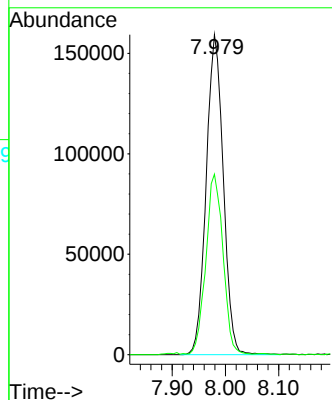
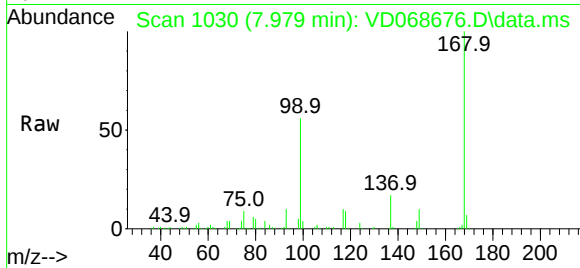




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068676.D
Acq: 26 Mar 2021 11:16

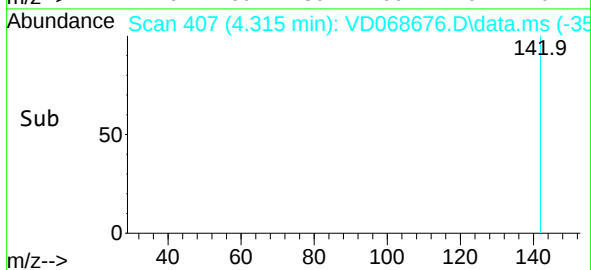
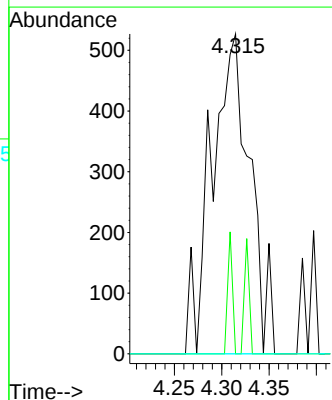
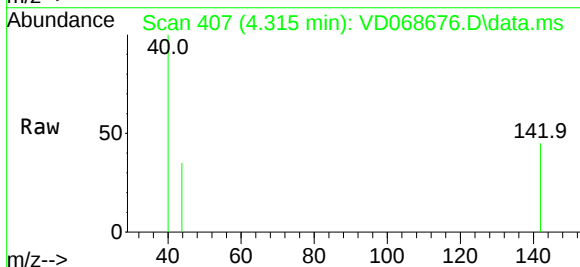
Instrument :
MSVOA_D
ClientSampleId :
VD0326SBL01

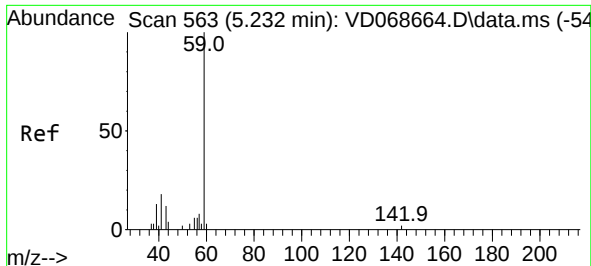
Tgt Ion:168 Resp: 355755
Ion Ratio Lower Upper
168 100
99 56.4 46.2 69.2



#10
Methyl Iodide
Concen: 3.87 ug/l
RT: 4.315 min Scan# 407
Delta R.T. 0.012 min
Lab File: VD068676.D
Acq: 26 Mar 2021 11:16

Tgt Ion:142 Resp: 1488
Ion Ratio Lower Upper
142 100
127 4.8 34.7 52.1#
141 0.0 11.0 16.4#





#11

Tert butyl alcohol

Concen: 23.30 ug/l

RT: 5.179 min Scan# 554

Delta R.T. -0.053 min

Lab File: VD068676.D

Acq: 26 Mar 2021 11:16

Tgt Ion: 59 Resp: 3852

Ion Ratio Lower Upper

59 100

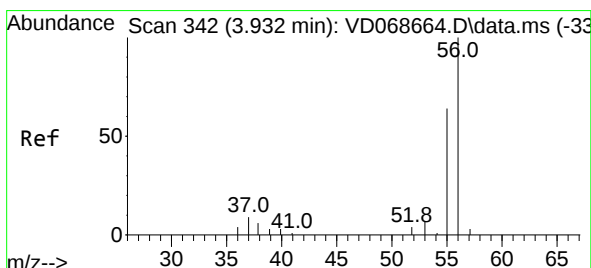
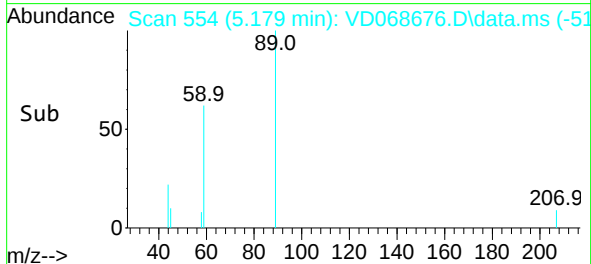
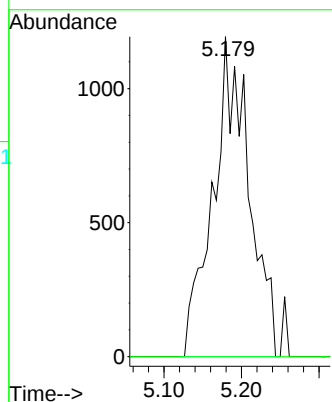
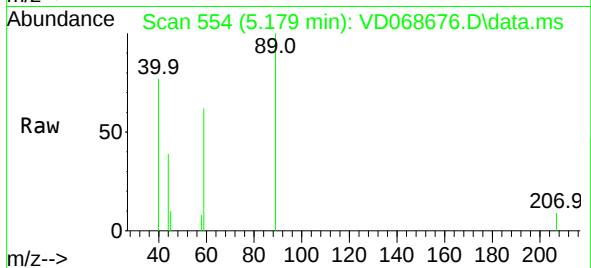
57 0.0 7.8 11.8#

Instrument :

MSVOA_D

ClientSampleId :

VD0326SBL01



#13

Acrolein

Concen: Below Cal

RT: 3.926 min Scan# 341

Delta R.T. -0.006 min

Lab File: VD068676.D

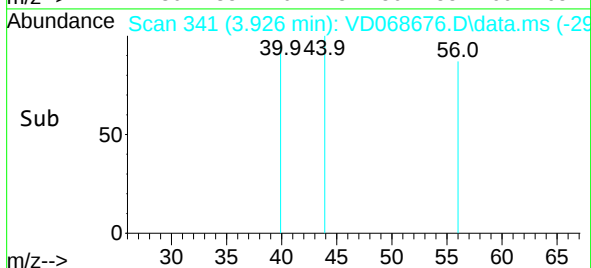
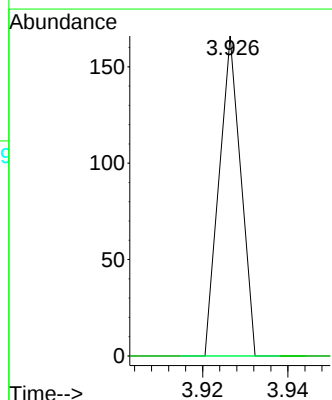
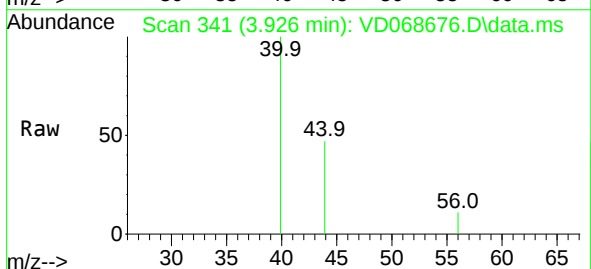
Acq: 26 Mar 2021 11:16

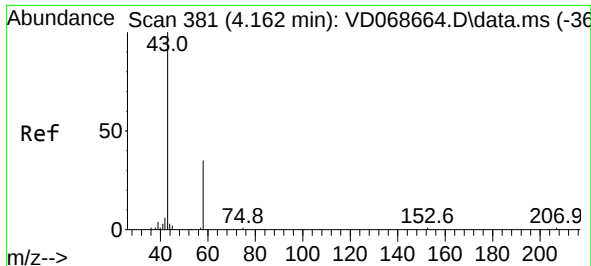
Tgt Ion: 56 Resp: 59

Ion Ratio Lower Upper

56 100

55 0.0 54.7 82.1#

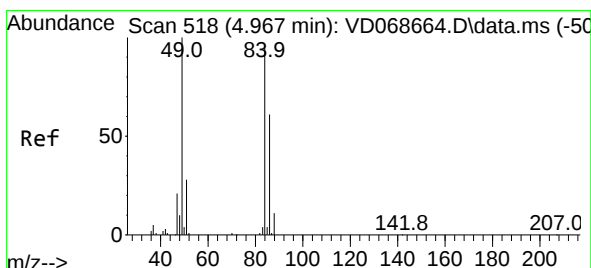
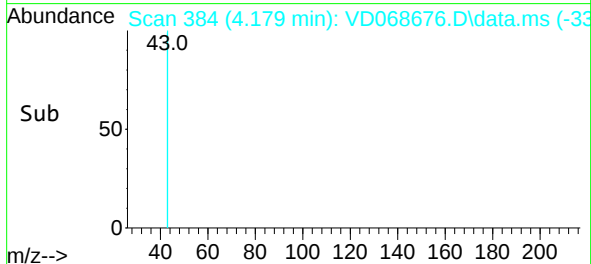
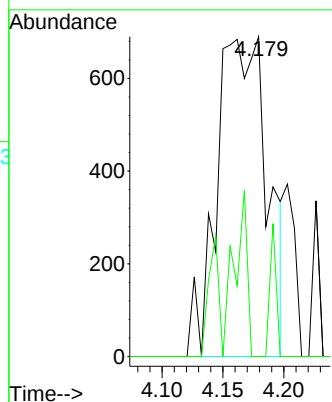
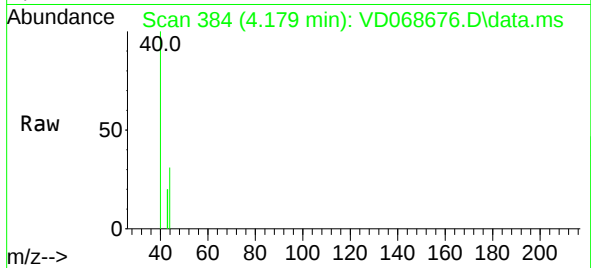




#16
Acetone
Concen: 4.57 ug/l
RT: 4.179 min Scan# 384
Delta R.T. 0.018 min
Lab File: VD068676.D
Acq: 26 Mar 2021 11:16

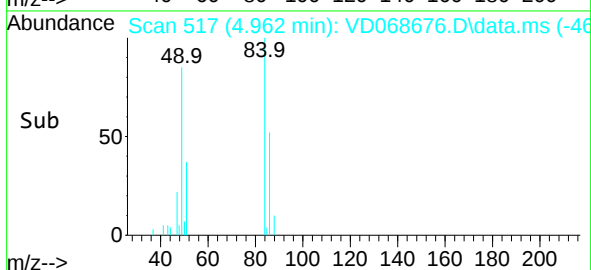
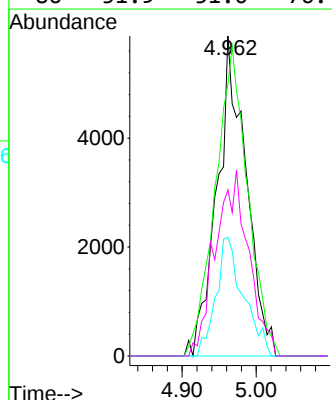
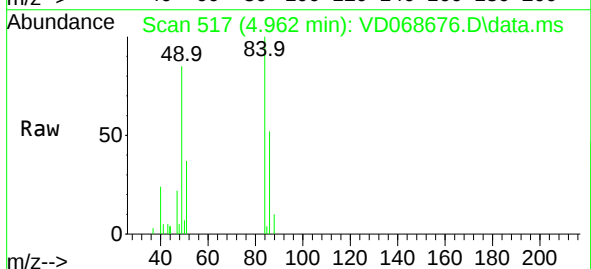
Instrument :
MSVOA_D
ClientSampleId :
VD0326SBL01

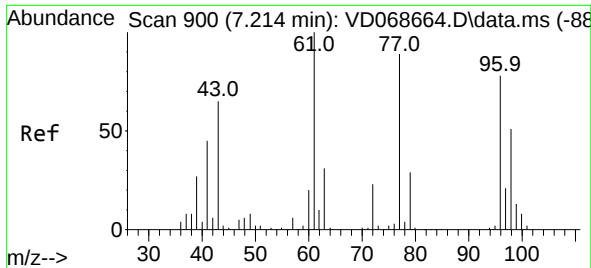
Tgt Ion: 43 Resp: 1990
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.005 min
Lab File: VD068676.D
Acq: 26 Mar 2021 11:16

Tgt Ion: 84 Resp: 16009
Ion Ratio Lower Upper
84 100
49 84.8 83.4 125.0
51 37.2 23.4 35.2#
86 51.9 51.0 76.4

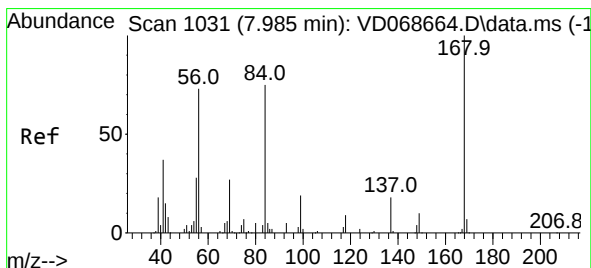
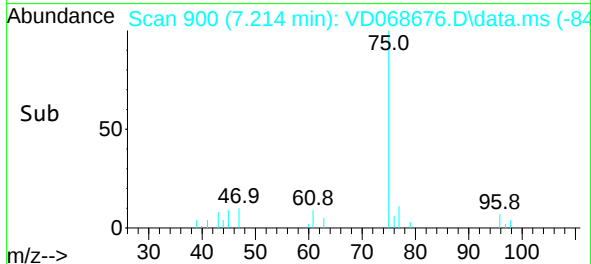
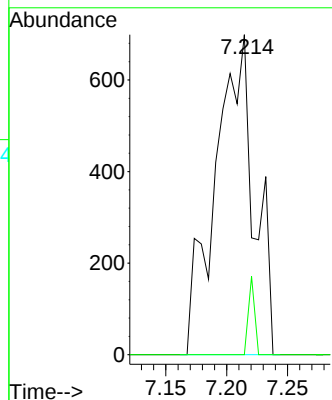
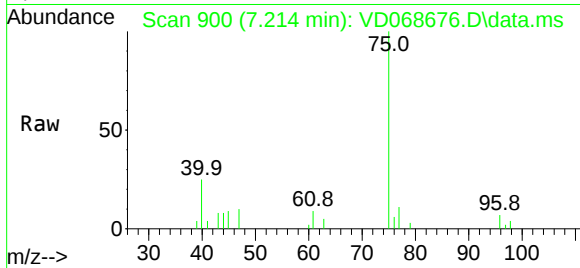




#25
2-Butanone
Concen: 2.14 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068676.D
Acq: 26 Mar 2021 11:16

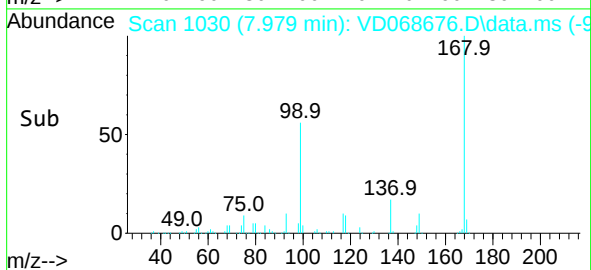
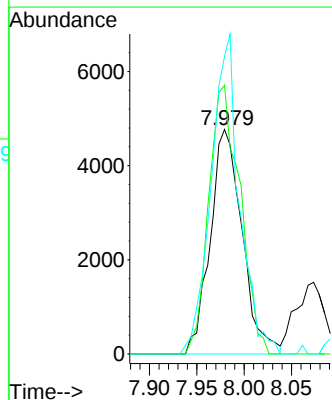
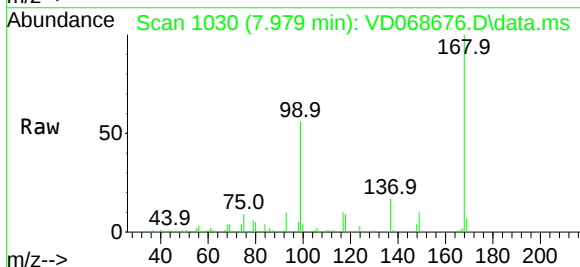
Instrument :
MSVOA_D
ClientSampleId :
VD0326SBL01

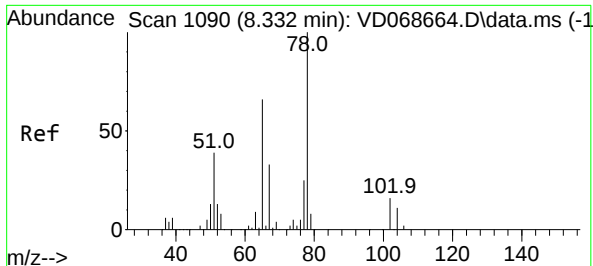
Tgt Ion: 43 Resp: 1544
Ion Ratio Lower Upper
43 100
72 0.0 28.6 43.0#



#31
Cyclohexane
Concen: 1.93 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068676.D
Acq: 26 Mar 2021 11:16

Tgt Ion: 56 Resp: 11162
Ion Ratio Lower Upper
56 100
69 119.7 30.0 45.0#
84 132.5 82.0 123.0#

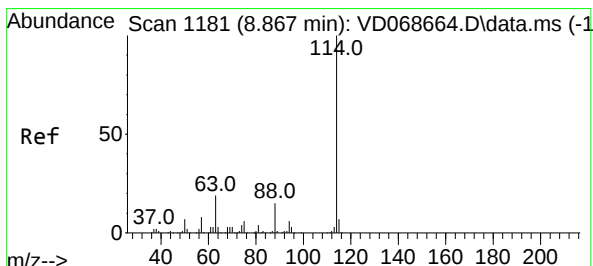
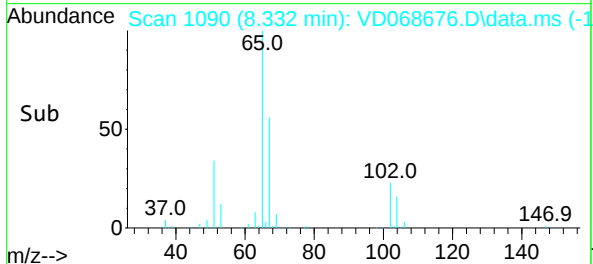
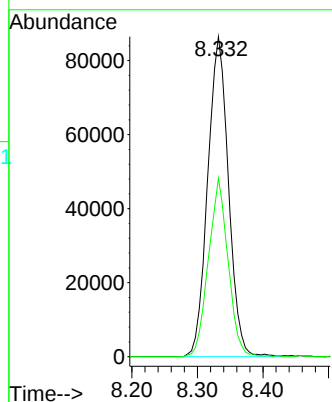
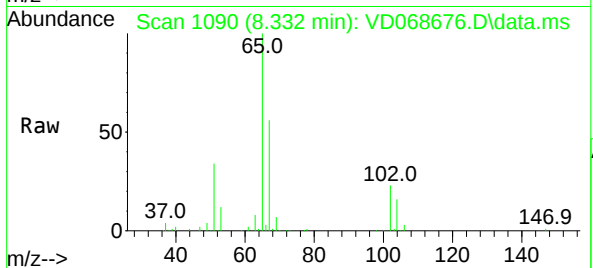




#33
1,2-Dichloroethane-d4
Concen: 53.06 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068676.D
Acq: 26 Mar 2021 11:16

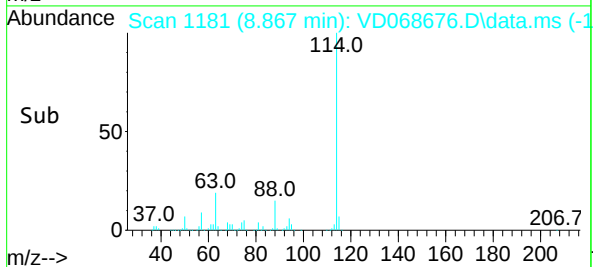
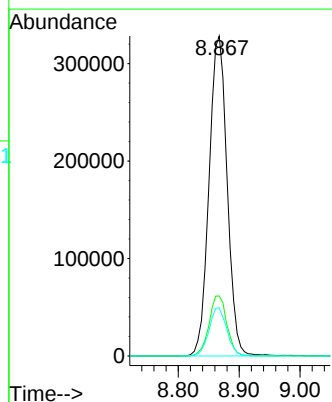
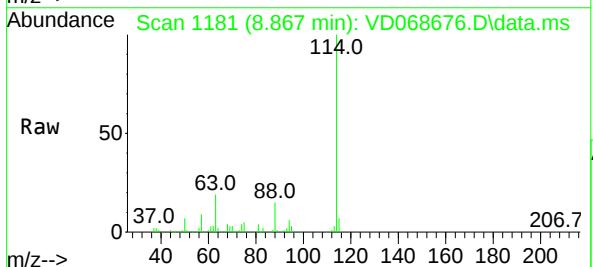
Instrument :
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ClientSampleId :
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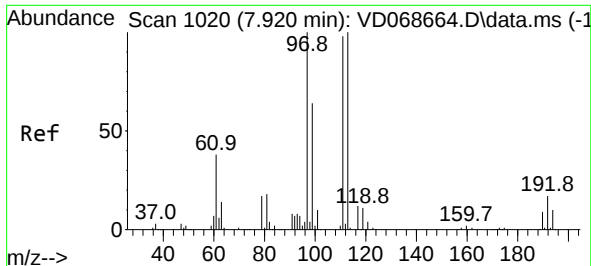
Tgt Ion: 65 Resp: 190356
Ion Ratio Lower Upper
65 100
67 52.8 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068676.D
Acq: 26 Mar 2021 11:16

Tgt Ion: 114 Resp: 676551
Ion Ratio Lower Upper
114 100
63 18.7 0.0 38.2
88 15.1 0.0 29.4





#35

Dibromofluoromethane

Concen: 50.65 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068676.D

Acq: 26 Mar 2021 11:16

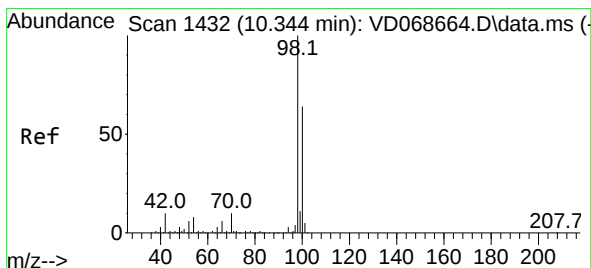
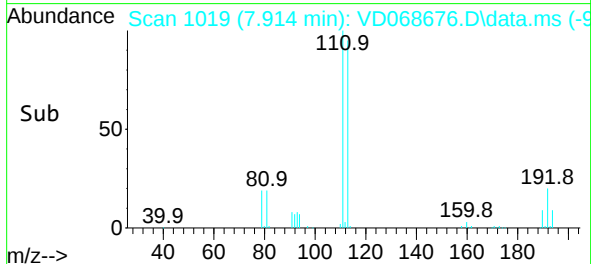
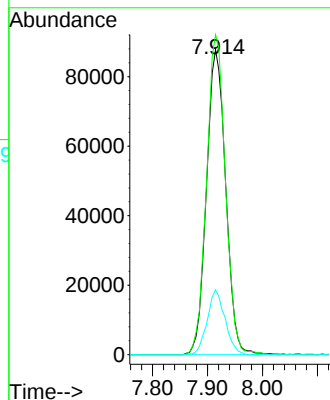
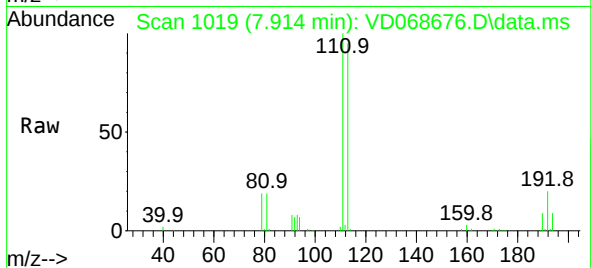
Tgt Ion:113 Resp: 213220

Ion Ratio Lower Upper

113 100

111 103.5 82.5 123.7

192 19.8 15.1 22.7



#50

Toluene-d8

Concen: 51.72 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.006 min

Lab File: VD068676.D

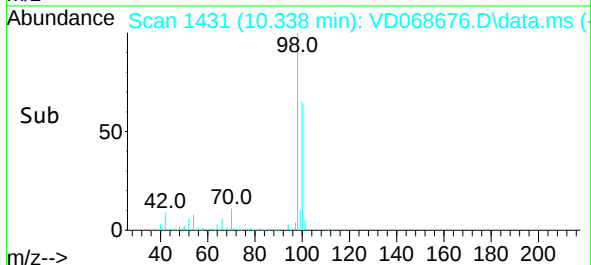
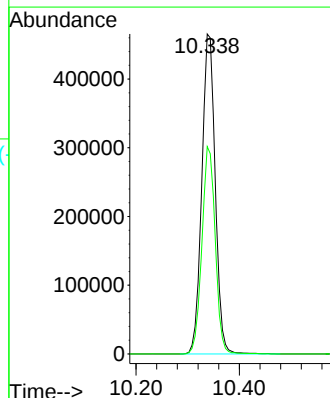
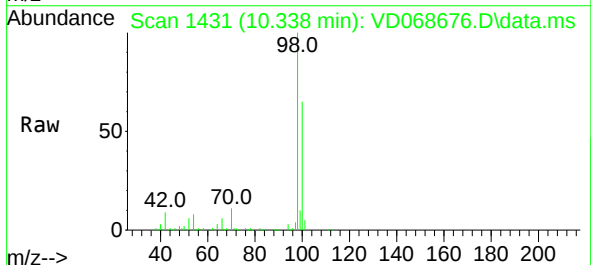
Acq: 26 Mar 2021 11:16

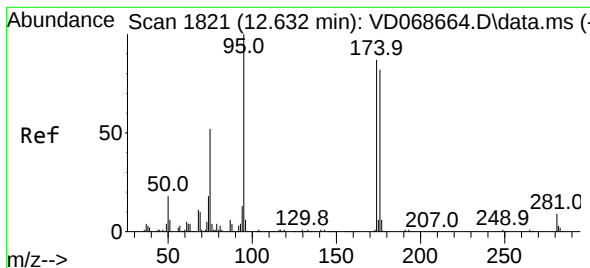
Tgt Ion: 98 Resp: 839350

Ion Ratio Lower Upper

98 100

100 64.3 51.8 77.6

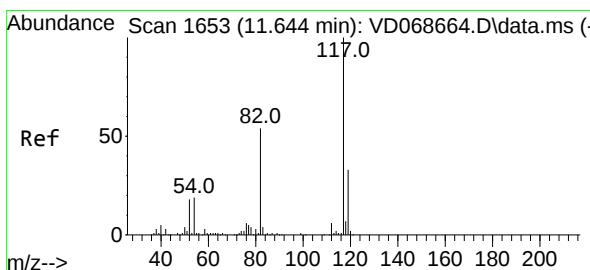
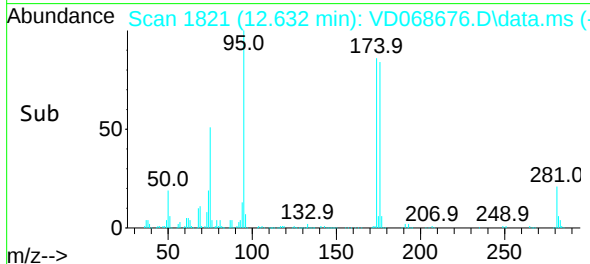
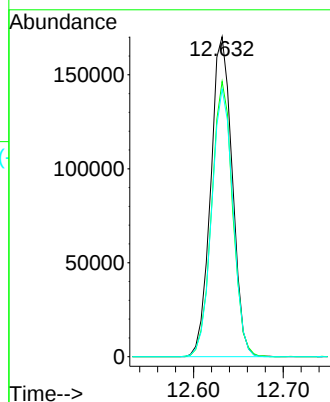
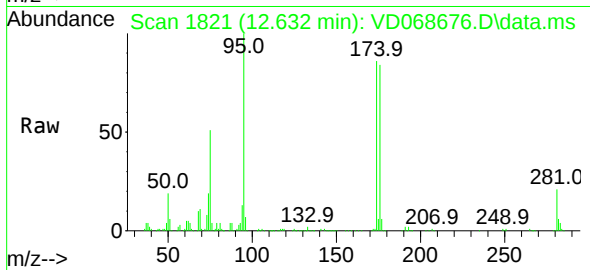




#62
4-Bromofluorobenzene
Concen: 53.92 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068676.D
Acq: 26 Mar 2021 11:16

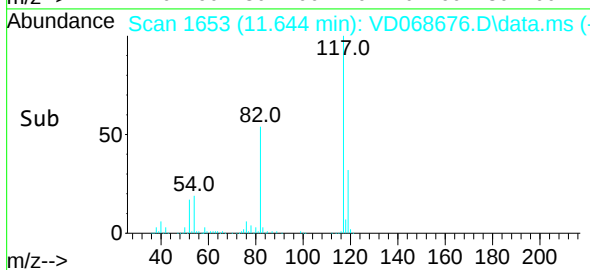
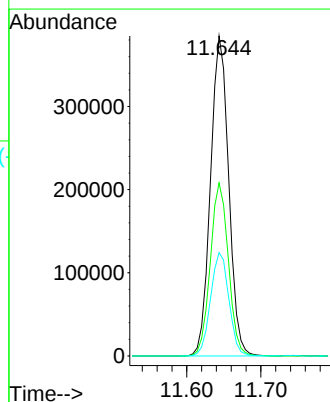
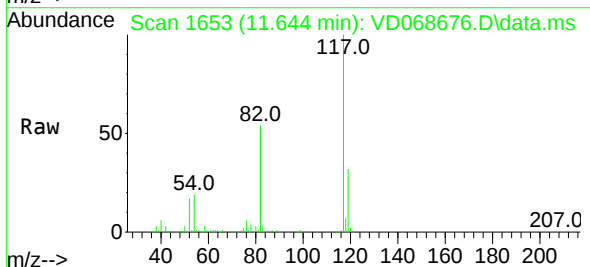
Instrument :
MSVOA_D
ClientSampleId :
VD0326SBL01

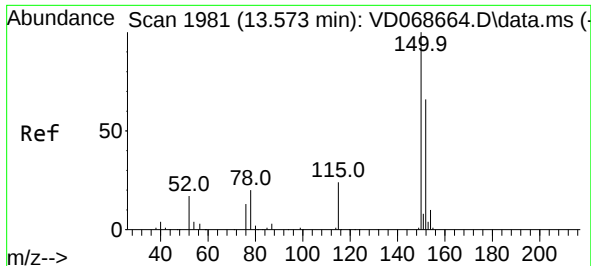
Tgt Ion:	95	Resp:	283706
Ion Ratio	Lower	Upper	
95	100		
174	83.6	0.0	168.0
176	82.4	0.0	160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068676.D
Acq: 26 Mar 2021 11:16

Tgt Ion:	117	Resp:	654934
Ion Ratio	Lower	Upper	
117	100		
82	54.0	43.5	65.3
119	32.3	26.7	40.1

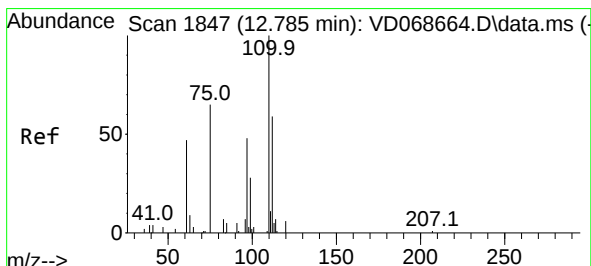
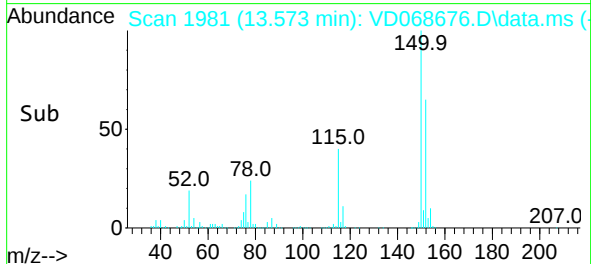
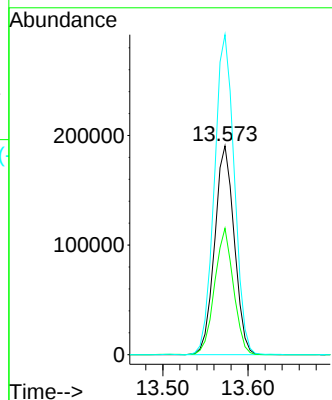
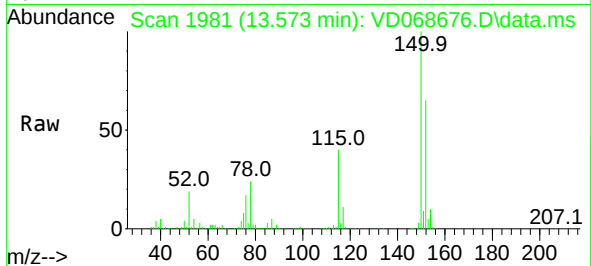




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068676.D
Acq: 26 Mar 2021 11:16

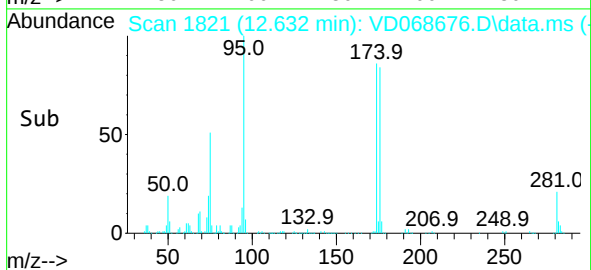
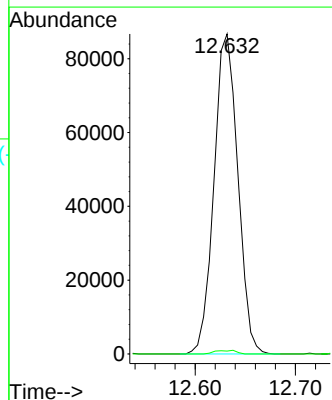
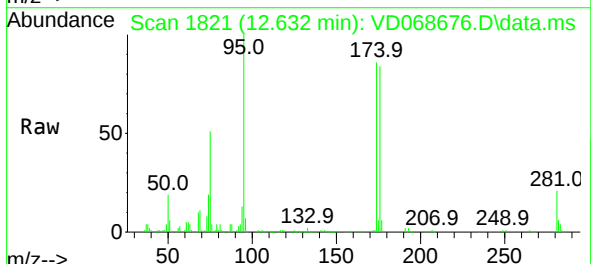
Instrument :
MSVOA_D
ClientSampleId :
VD0326SBL01

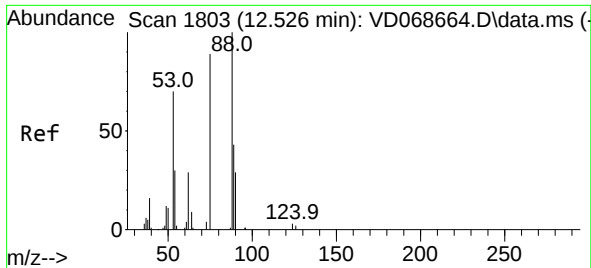
Tgt Ion:152 Resp: 304570
Ion Ratio Lower Upper
152 100
115 58.1 29.3 87.8
150 156.2 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 56.32 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068676.D
Acq: 26 Mar 2021 11:16

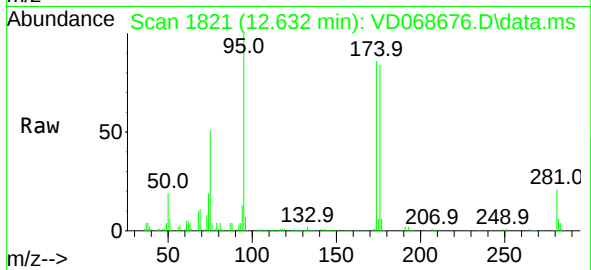
Tgt Ion: 75 Resp: 142774
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 128.14 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068676.D
Acq: 26 Mar 2021 11:16

Instrument :
MSVOA_D
ClientSampleId :
VD0326SBL01



Tgt Ion: 75 Resp: 142774
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.3 36.6 54.8#

