

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042621\
 Data File : VD068986.D
 Acq On : 26 Apr 2021 14:08
 Operator : VA/SY
 Sample : M2183-03
 Misc : 6.52G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 27 07:12:39 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)

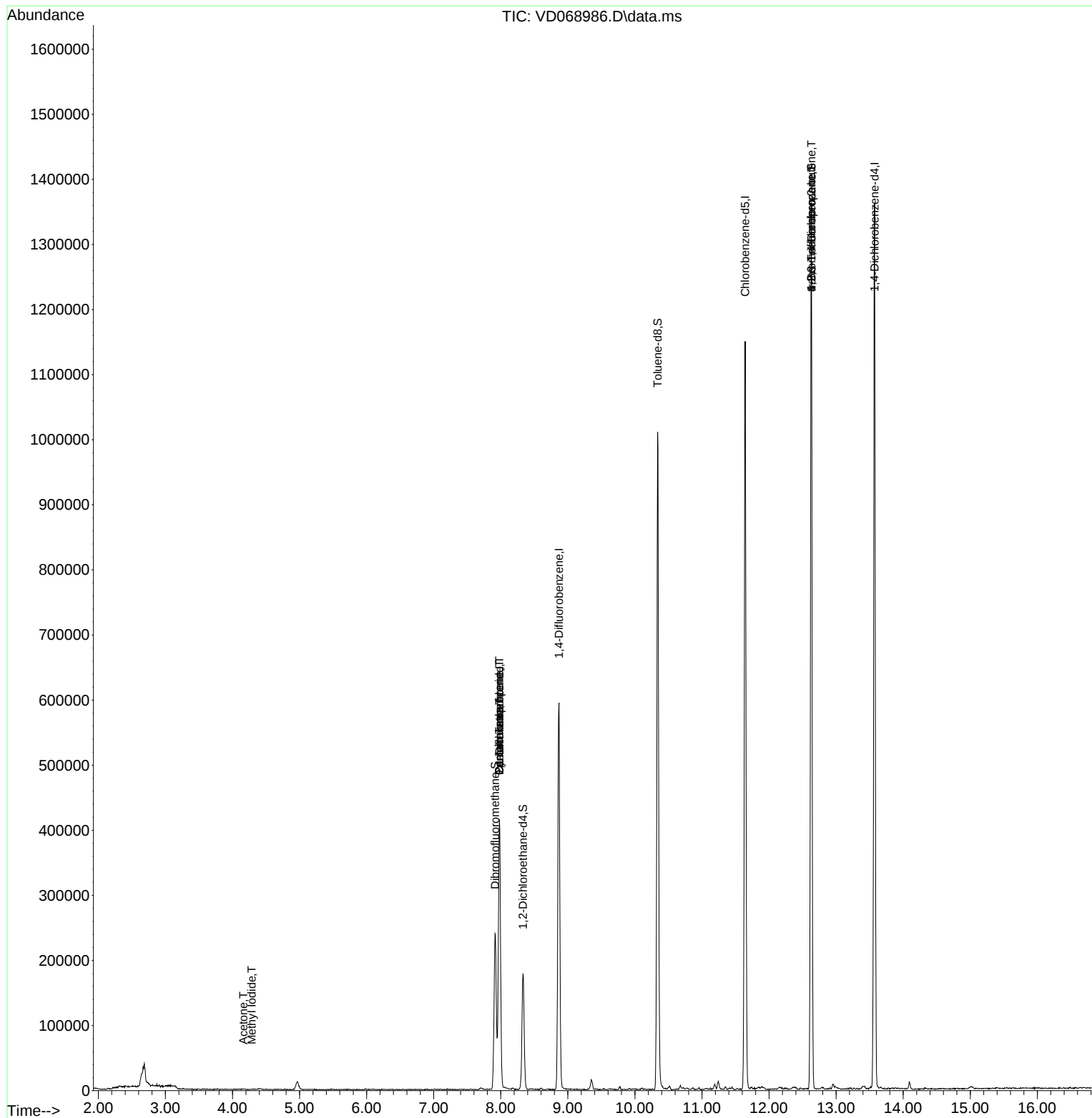
Internal Standards						
1) Pentafluorobenzene	7.979	168	323319	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	548239	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	677204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	369315	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	143661	42.04	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	84.08%		
35) Dibromofluoromethane	7.914	113	174527	48.94	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.88%		
50) Toluene-d8	10.338	98	709046	52.71	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	105.42%		
62) 4-Bromofluorobenzene	12.632	95	328767	73.59	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	147.18%#		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.285	142	421	2.35	ug/l #	88
11) Tert butyl alcohol	5.214	59	73	Below Cal	#	73
16) Acetone	4.162	43	1459	3.08	ug/l #	77
20) Methylene Chloride	4.973	84	10643	Below Cal	#	87
31) Cyclohexane	7.979	56	7198	1.27	ug/l #	31
36) 1,1-Dichloropropene	7.979	75	23686	4.27	ug/l #	49
38) Carbon Tetrachloride	7.979	117	31173	5.67	ug/l #	18
76) 1,2,3-Trichloropropane	12.632	75	162973	48.30	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	162973	112.10	ug/l #	16

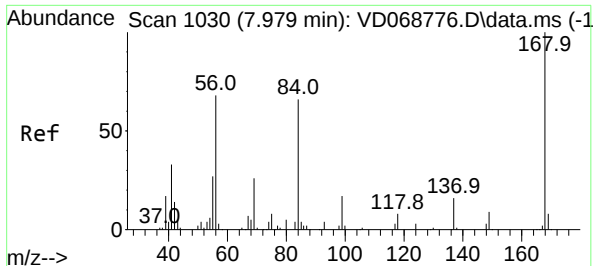
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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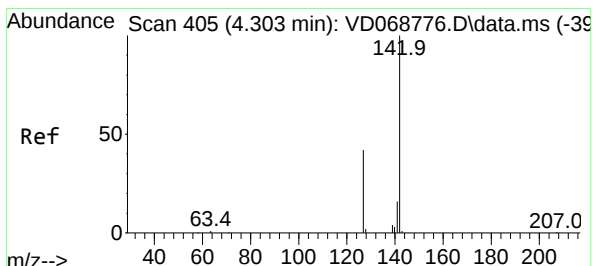
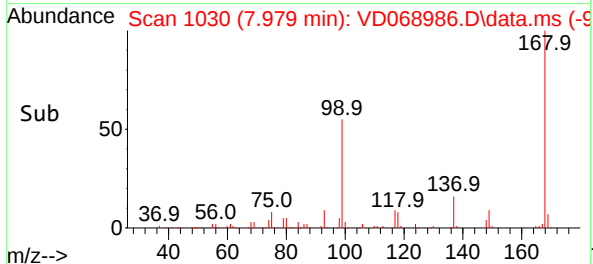
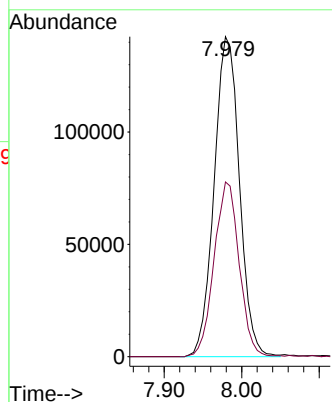
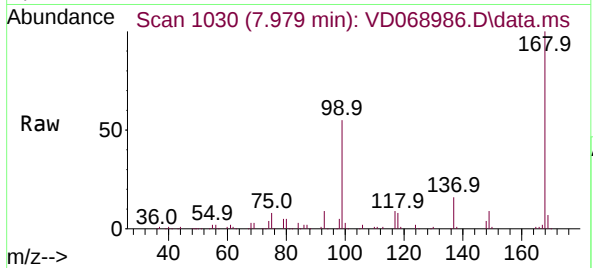




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068986.D
Acq: 26 Apr 2021 14:08

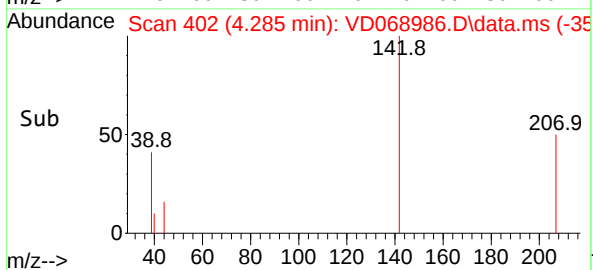
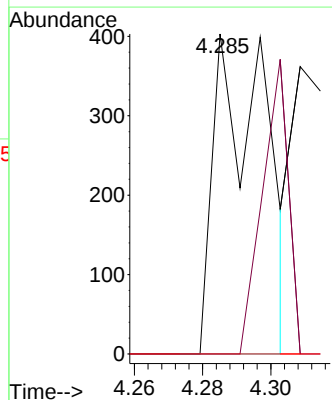
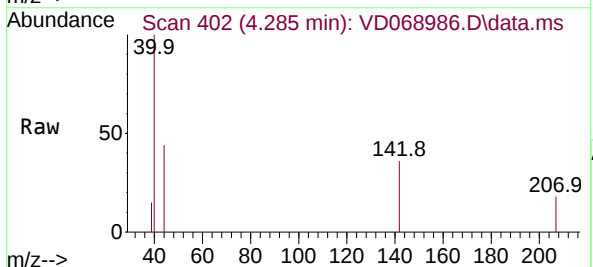
Instrument :
MSVOA_D
ClientSampled :

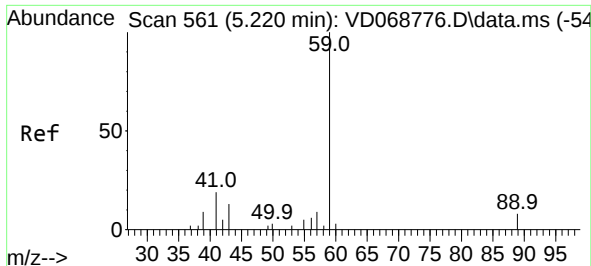
Tgt Ion:168 Resp: 323319
Ion Ratio Lower Upper
168 100
99 54.6 46.2 69.2



#10
Methyl Iodide
Concen: 2.35 ug/l
RT: 4.285 min Scan# 402
Delta R.T. -0.018 min
Lab File: VD068986.D
Acq: 26 Apr 2021 14:08

Tgt Ion:142 Resp: 421
Ion Ratio Lower Upper
142 100
127 46.3 34.7 52.1
141 0.0 11.0 16.4#

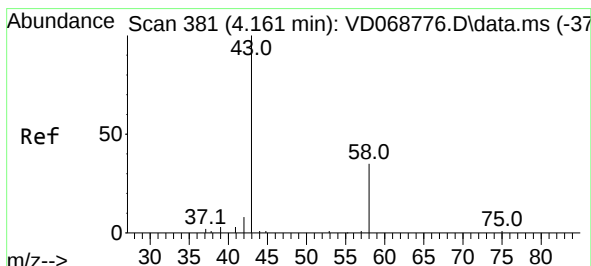
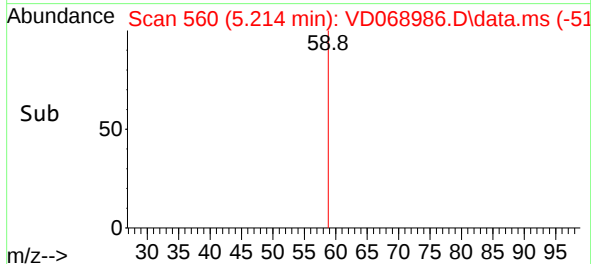
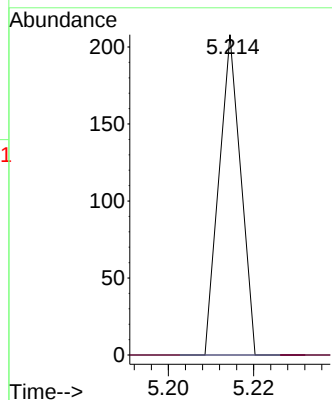
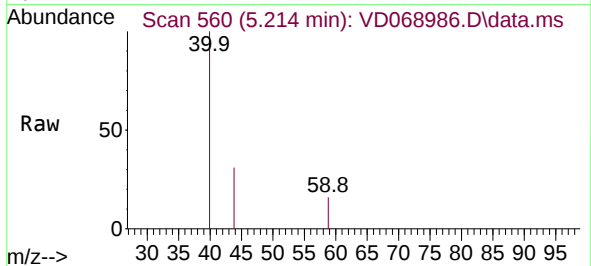




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.214 min Scan# 560
Delta R.T. -0.006 min
Lab File: VD068986.D
Acq: 26 Apr 2021 14:08

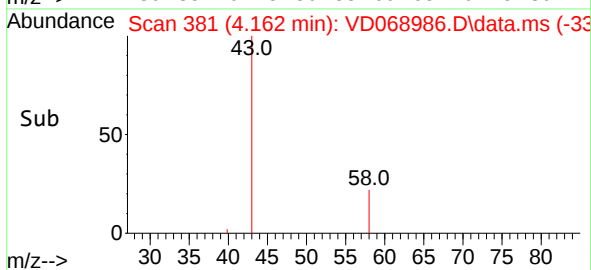
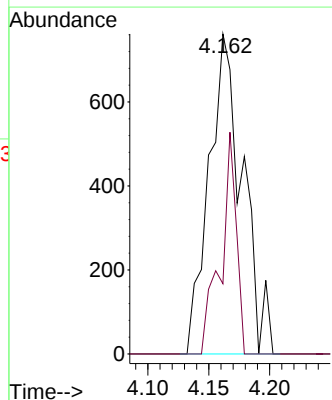
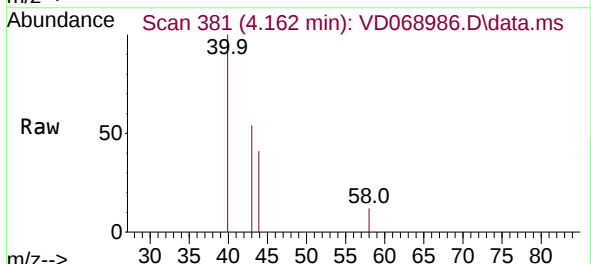
Instrument :
MSVOA_D
ClientSampled :

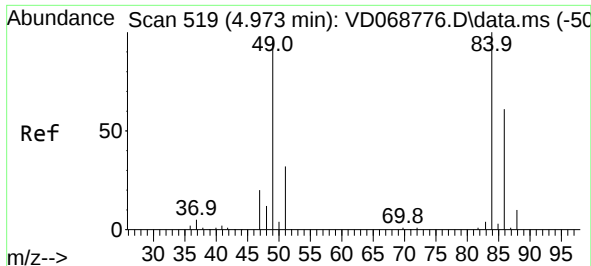
Tgt Ion: 59 Resp: 73
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 3.08 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD068986.D
Acq: 26 Apr 2021 14:08

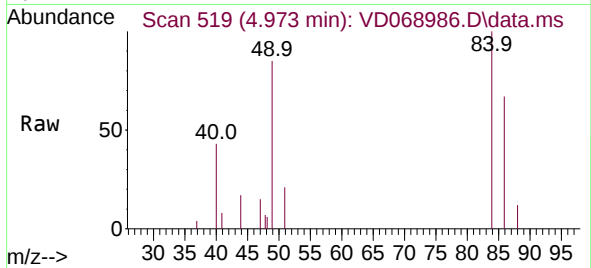
Tgt Ion: 43 Resp: 1459
Ion Ratio Lower Upper
43 100
58 21.9 28.0 42.0#



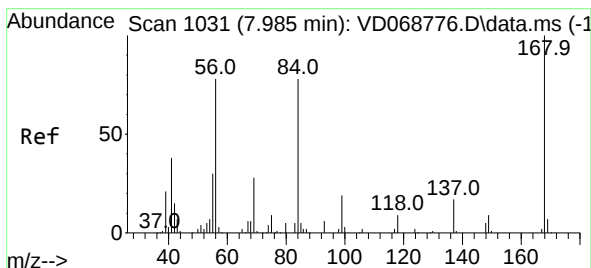
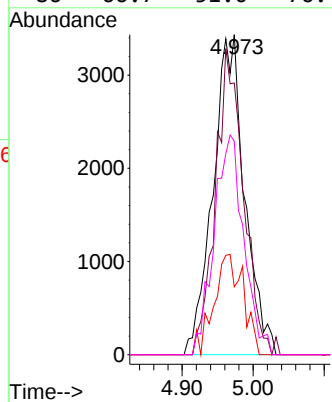
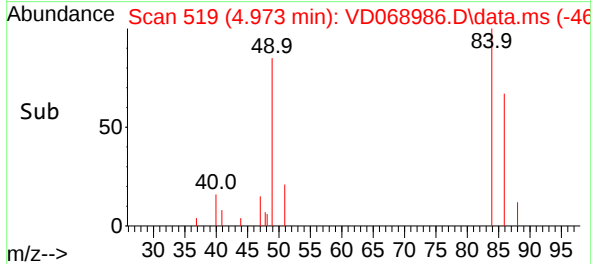


#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068986.D
Acq: 26 Apr 2021 14:08

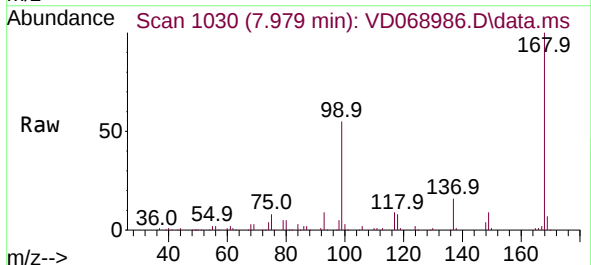
Instrument :
MSVOA_D
ClientSampled :



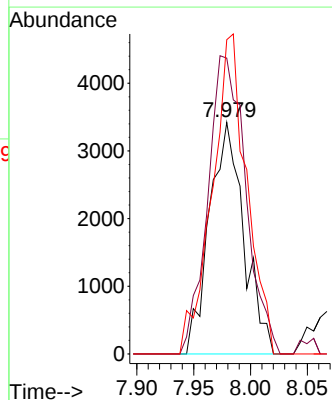
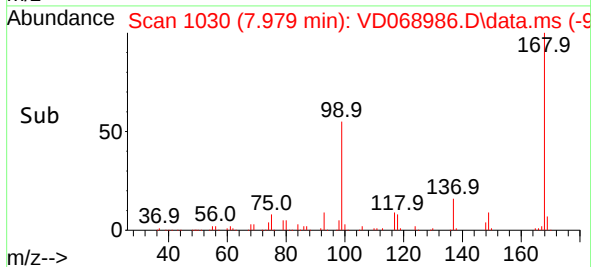
Tgt Ion:	84	Resp:	10643
Ion	Ratio	Lower	Upper
84	100		
49	84.9	83.4	125.0
51	21.2	23.4	35.2#
86	66.7	51.0	76.4

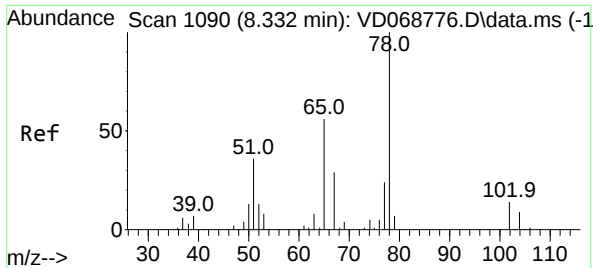


#31
Cyclohexane
Concen: 1.27 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068986.D
Acq: 26 Apr 2021 14:08



Tgt Ion:	56	Resp:	7198
Ion	Ratio	Lower	Upper
56	100		
69	127.8	30.0	45.0#
84	141.9	82.0	123.0#

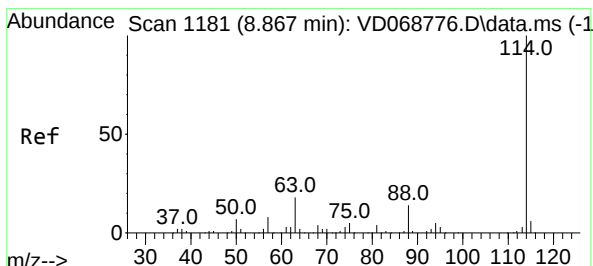
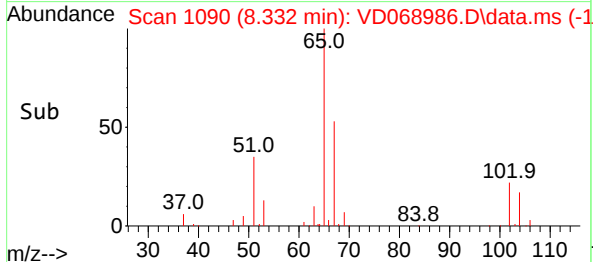
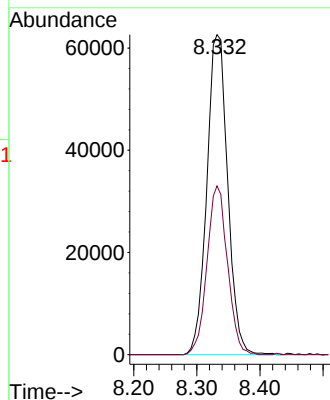
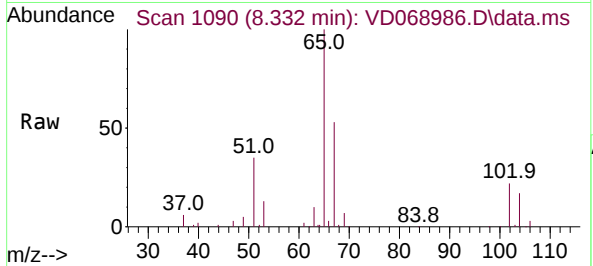




#33
1,2-Dichloroethane-d4
Concen: 42.04 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068986.D
Acq: 26 Apr 2021 14:08

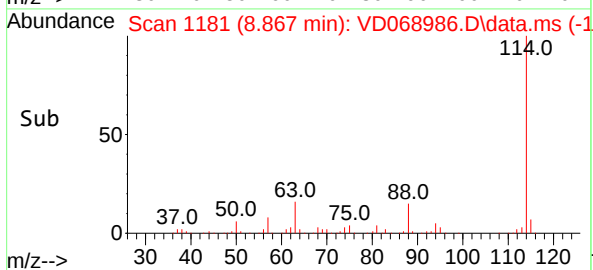
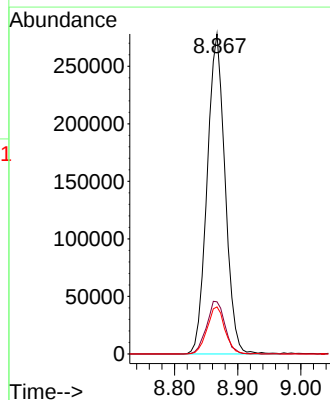
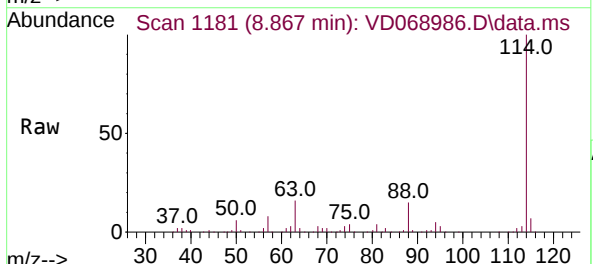
Instrument :
MSVOA_D
ClientSampled :

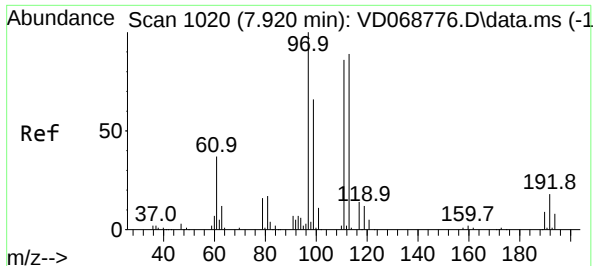
Tgt Ion: 65 Resp: 143661
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068986.D
Acq: 26 Apr 2021 14:08

Tgt Ion:114 Resp: 548239
Ion Ratio Lower Upper
114 100
63 16.3 0.0 38.2
88 14.7 0.0 29.4





#35

Dibromofluoromethane

Concen: 48.94 ug/l

RT: 7.914 min Scan# 1019

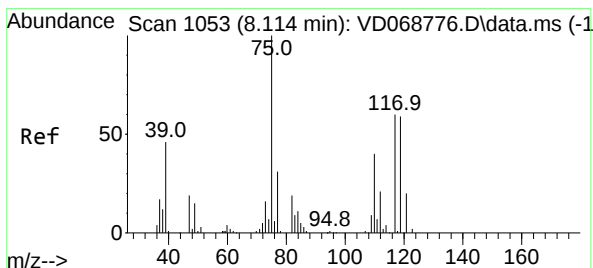
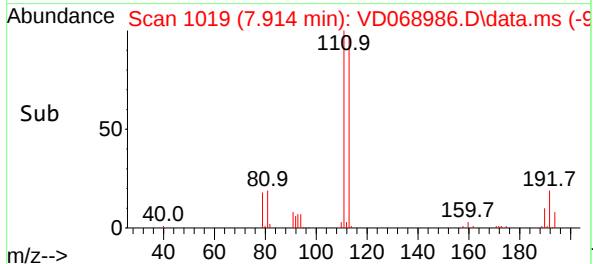
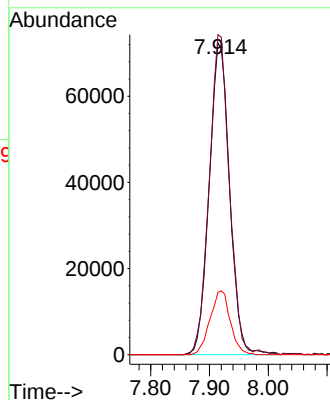
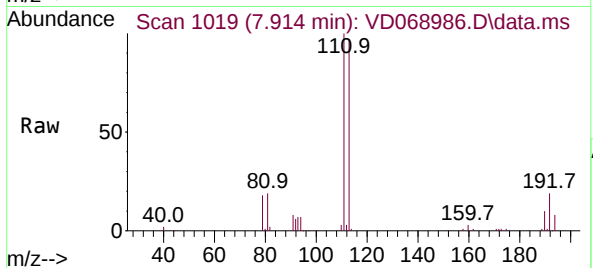
Delta R.T. -0.006 min

Lab File: VD068986.D

Acq: 26 Apr 2021 14:08

Tgt Ion:	113	Resp:	174527
Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.5	123.7
192	20.3	15.1	22.7

Instrument :
MSVOA_D
ClientSampleId :



#36

1,1-Dichloropropene

Concen: 4.27 ug/l

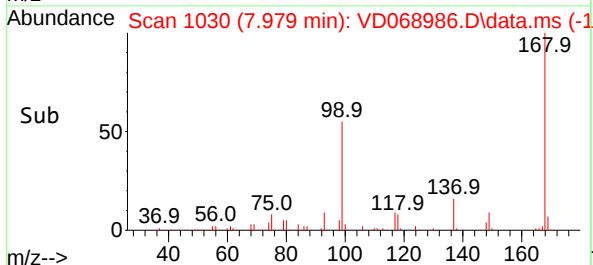
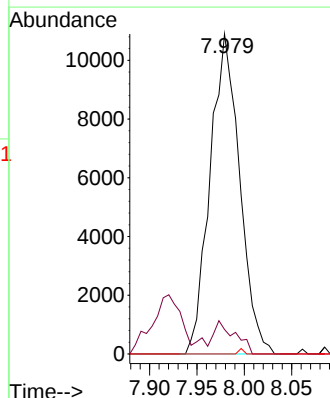
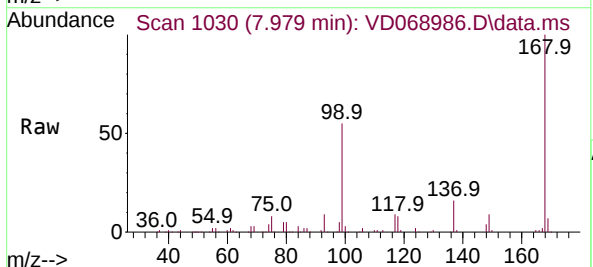
RT: 7.979 min Scan# 1030

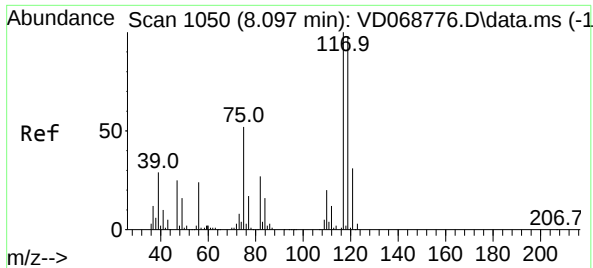
Delta R.T. -0.135 min

Lab File: VD068986.D

Acq: 26 Apr 2021 14:08

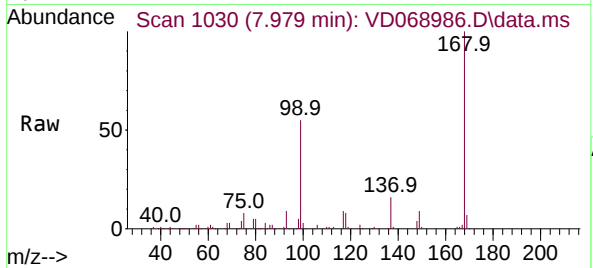
Tgt Ion:	75	Resp:	23686
Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.1	54.4#
77	0.0	24.7	37.1#



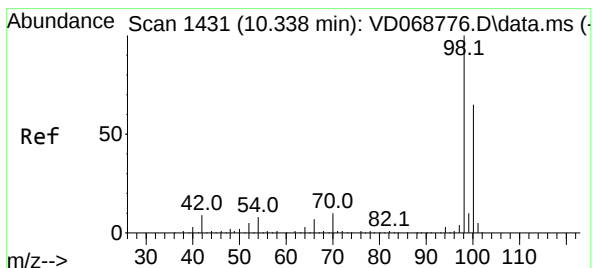
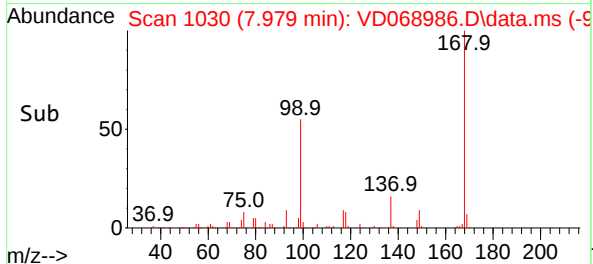
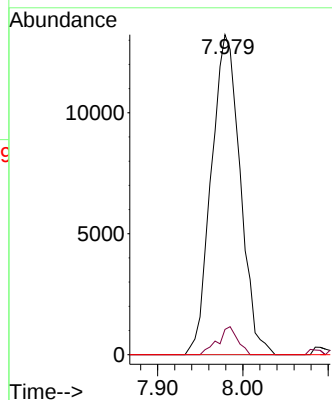


#38
Carbon Tetrachloride
Concen: 5.67 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068986.D
Acq: 26 Apr 2021 14:08

Instrument :
MSVOA_D
ClientSampled :

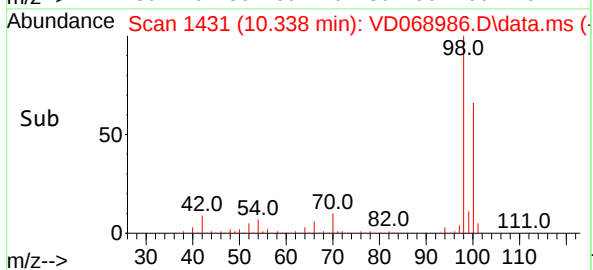
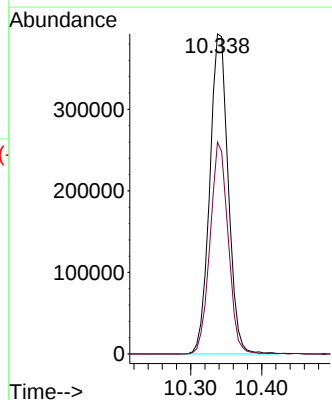
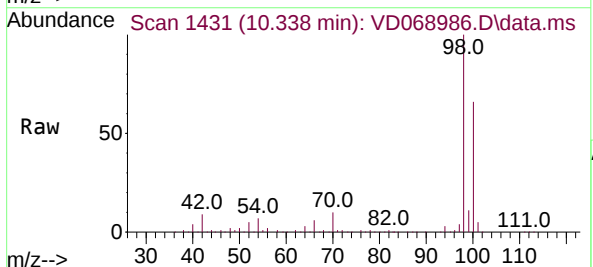


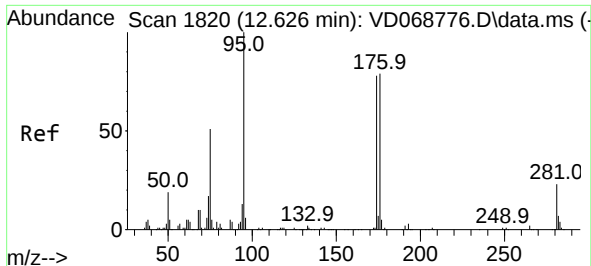
Tgt Ion:117 Resp: 31173
Ion Ratio Lower Upper
117 100
119 7.9 76.6 115.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 52.71 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068986.D
Acq: 26 Apr 2021 14:08

Tgt Ion: 98 Resp: 709046
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6

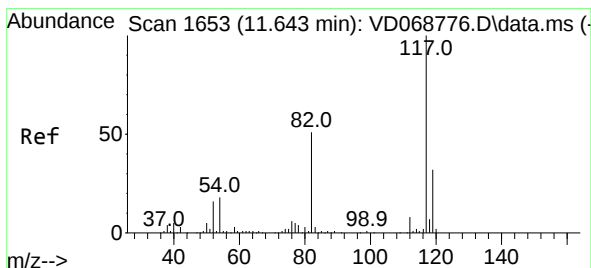
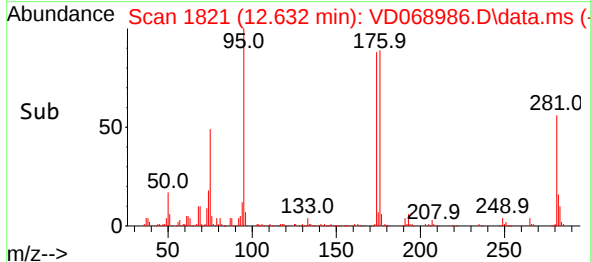
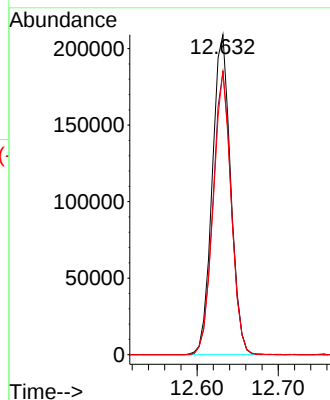
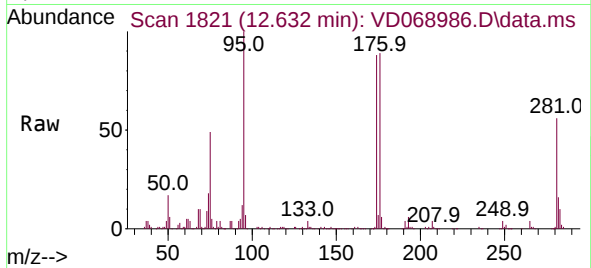




#62
4-Bromofluorobenzene
Concen: 73.59 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068986.D
Acq: 26 Apr 2021 14:08

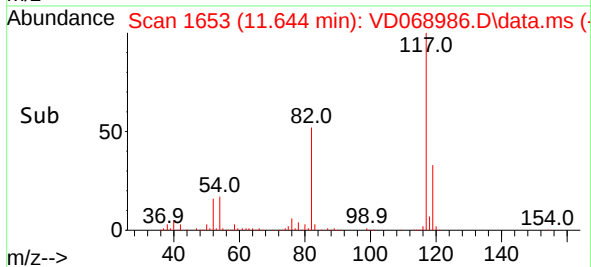
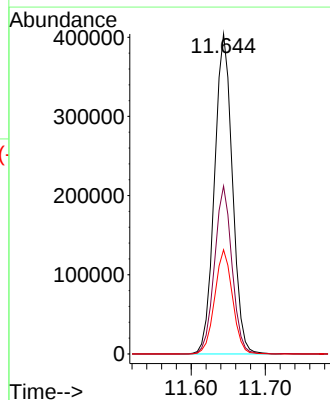
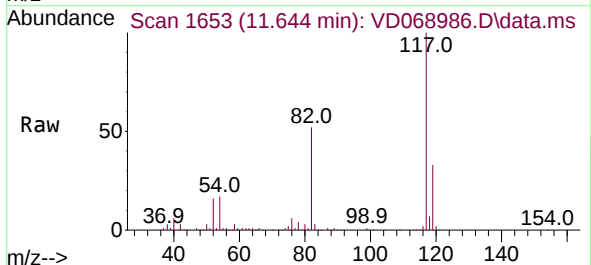
Instrument :
MSVOA_D
ClientSampleId :

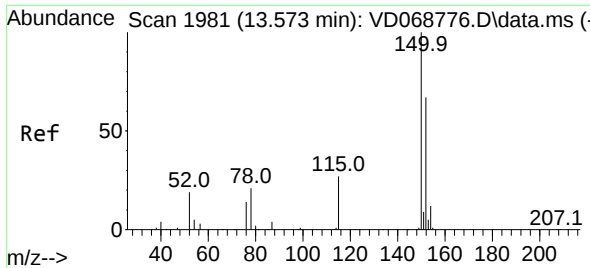
Tgt Ion: 95 Resp: 328767
Ion Ratio Lower Upper
95 100
174 87.6 0.0 168.0
176 85.9 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068986.D
Acq: 26 Apr 2021 14:08

Tgt Ion: 117 Resp: 677204
Ion Ratio Lower Upper
117 100
82 52.5 43.5 65.3
119 32.6 26.7 40.1

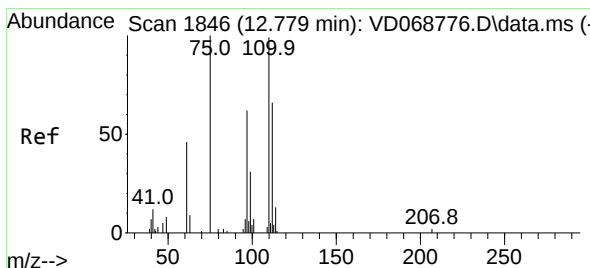
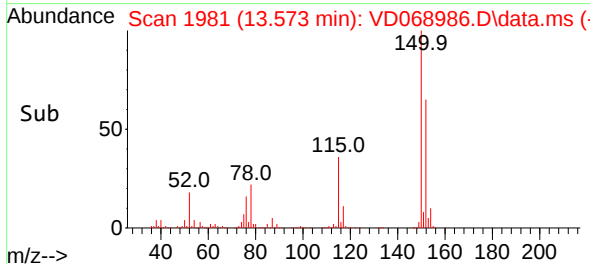
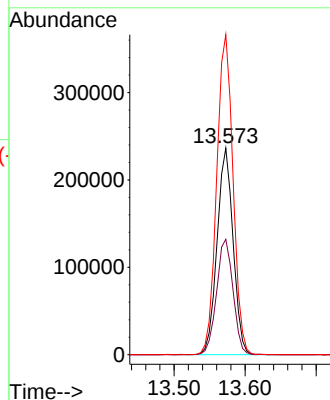
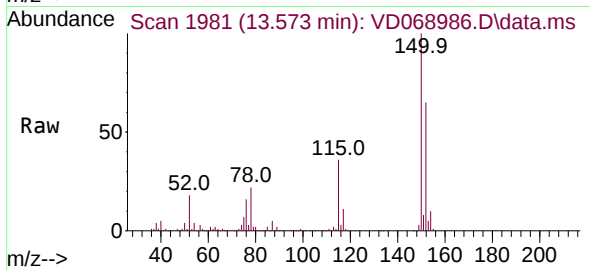




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068986.D
Acq: 26 Apr 2021 14:08

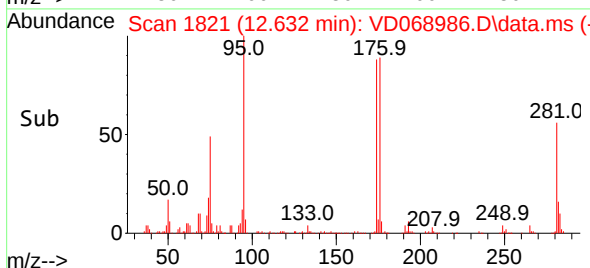
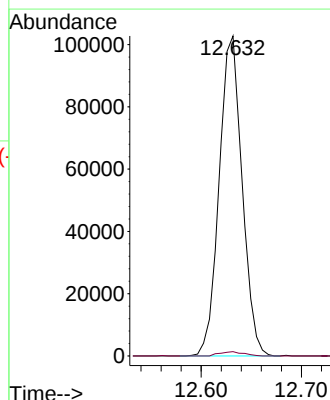
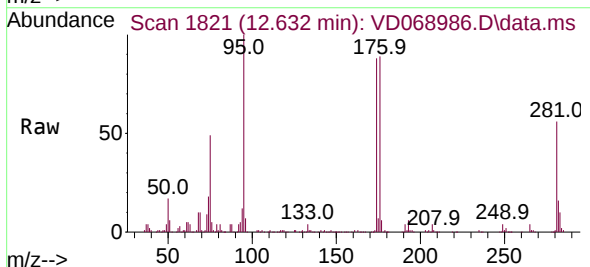
Instrument :
MSVOA_D
ClientSampled :

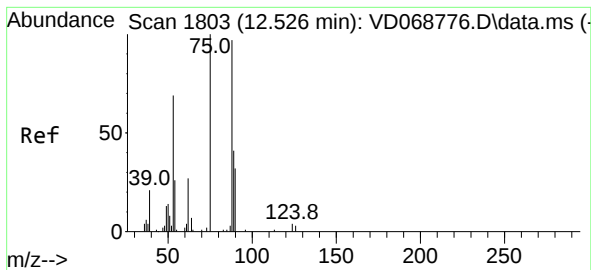
Tgt Ion:152 Resp: 369315
Ion Ratio Lower Upper
152 100
115 57.0 29.3 87.8
150 157.5 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 48.30 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068986.D
Acq: 26 Apr 2021 14:08

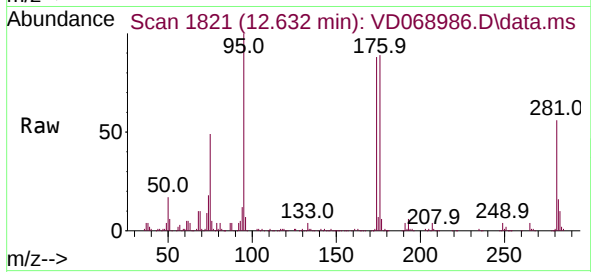
Tgt Ion: 75 Resp: 162973
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 112.10 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068986.D
 Acq: 26 Apr 2021 14:08

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 162973
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.7 36.6 54.8#

