

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042121\
 Data File : VD068930.D
 Acq On : 21 Apr 2021 16:45
 Operator : VA/SY
 Sample : M2106-09
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 22 10:22:08 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)

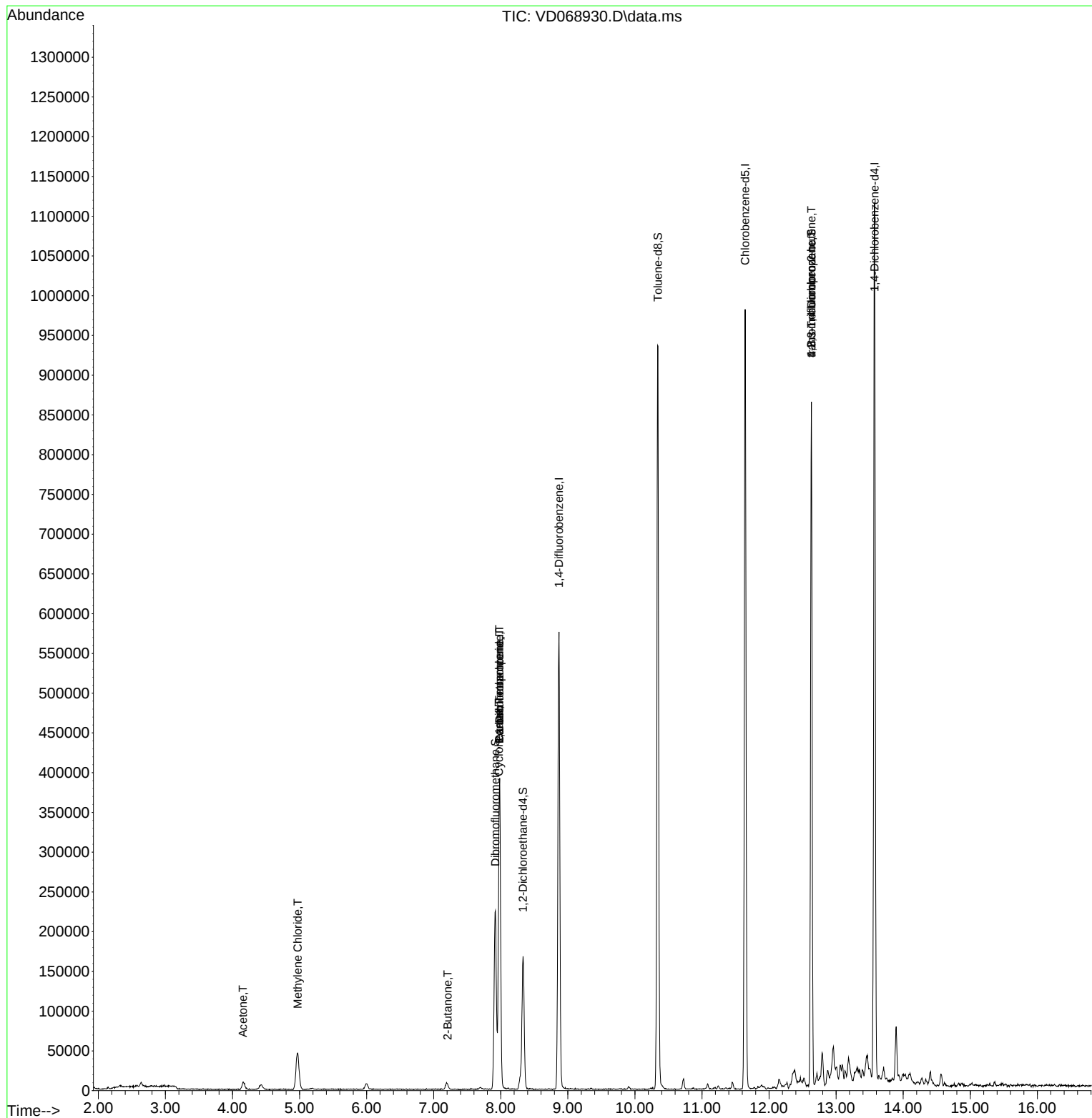
Internal Standards						
1) Pentafluorobenzene	7.979	168	304276	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	529297	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	600138	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	308624	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	132424	41.18	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	82.36%		
35) Dibromofluoromethane	7.920	113	163813	47.58	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.16%		
50) Toluene-d8	10.343	98	674070	51.90	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.80%		
62) 4-Bromofluorobenzene	12.632	95	272249	63.12	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	126.24%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.202	59	387	Below Cal	#	73
16) Acetone	4.155	43	16318	36.64	ug/l	98
20) Methylene Chloride	4.973	84	40892	7.22	ug/l	96
25) 2-Butanone	7.208	43	758	1.20	ug/l #	39
31) Cyclohexane	7.973	56	6449	1.21	ug/l #	43
36) 1,1-Dichloropropene	7.979	75	22667	4.23	ug/l #	50
38) Carbon Tetrachloride	7.979	117	29820	5.62	ug/l #	14
76) 1,2,3-Trichloropropane	12.632	75	135410	48.03	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	135410	111.46	ug/l #	16

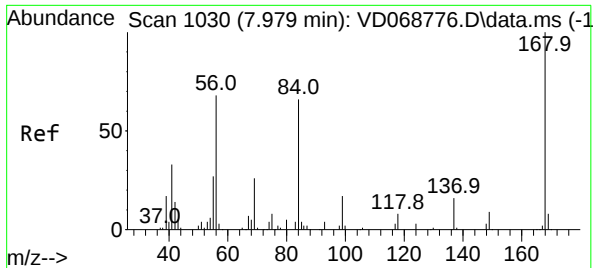
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

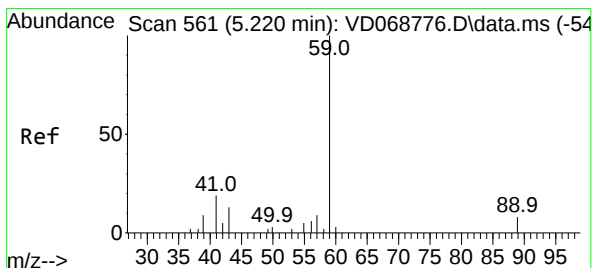
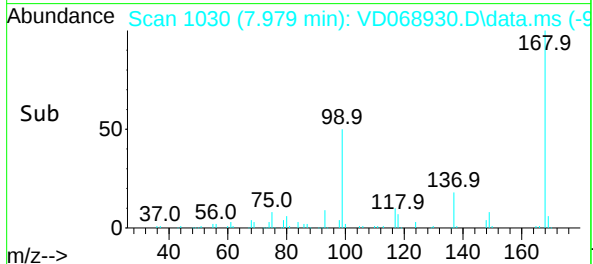
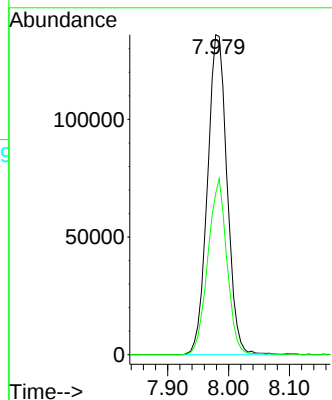
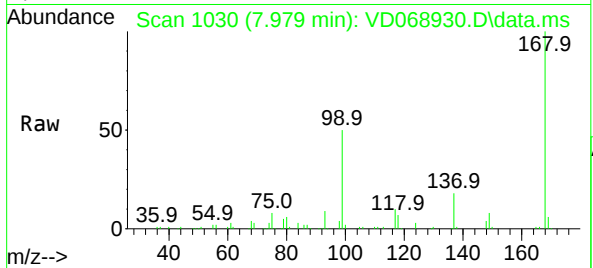




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068930.D
Acq: 21 Apr 2021 16:45

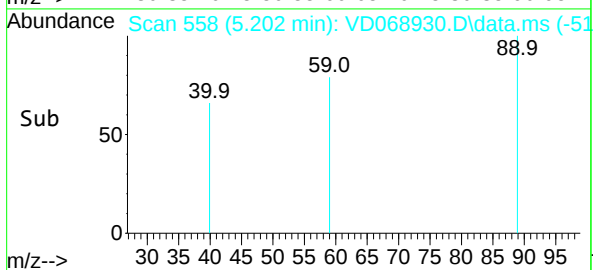
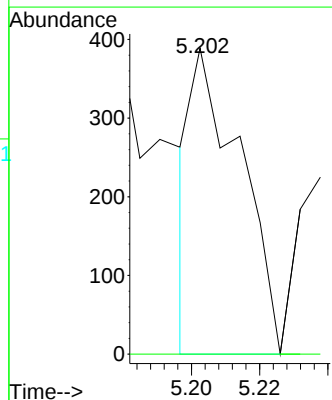
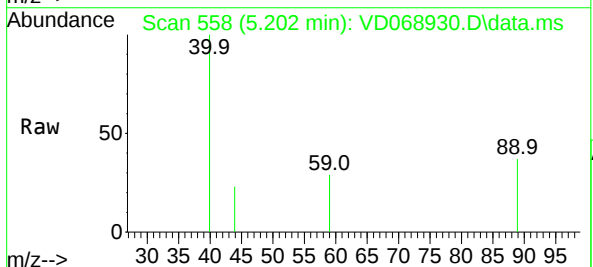
Instrument :
MSVOA_D
ClientSampleId :

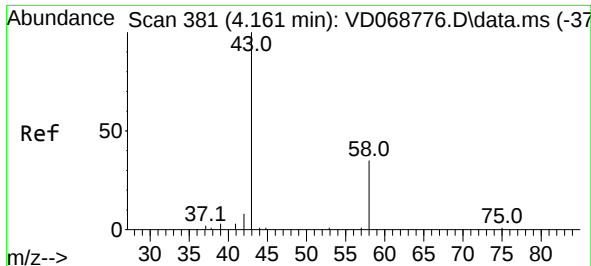
Tgt Ion:168 Resp: 304276
Ion Ratio Lower Upper
168 100
99 50.4 46.2 69.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.202 min Scan# 558
Delta R.T. -0.018 min
Lab File: VD068930.D
Acq: 21 Apr 2021 16:45

Tgt Ion: 59 Resp: 387
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

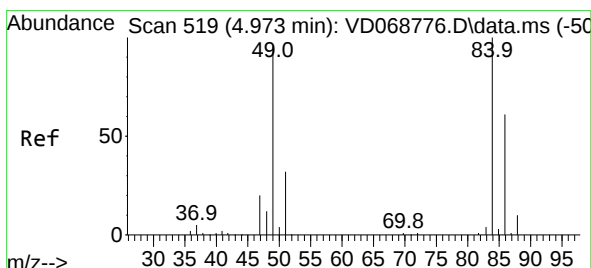
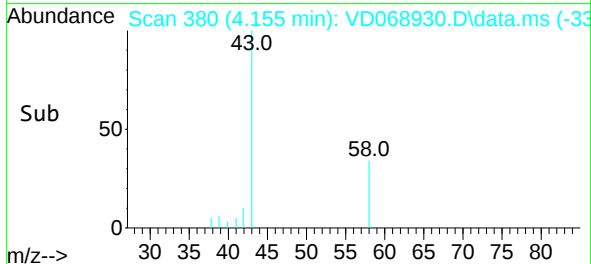
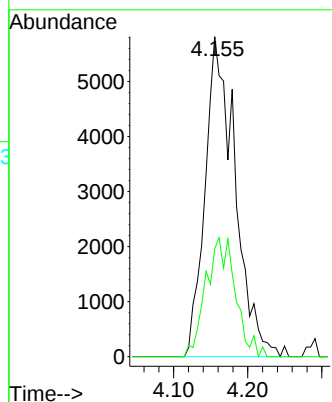
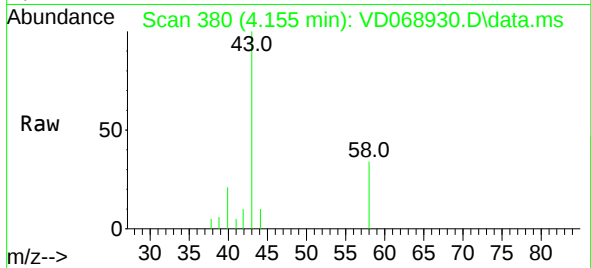




#16
Acetone
Concen: 36.64 ug/l
RT: 4.155 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068930.D
Acq: 21 Apr 2021 16:45

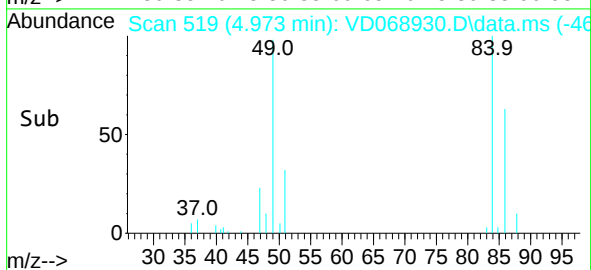
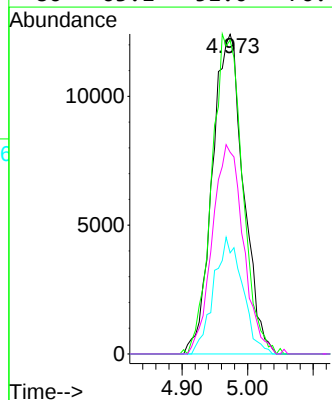
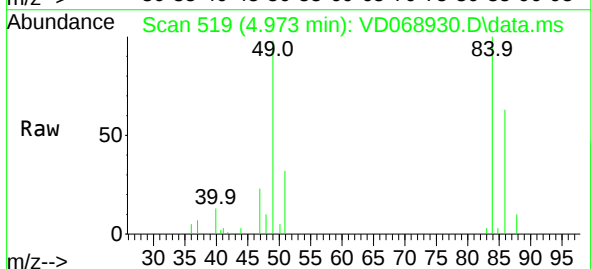
Instrument :
MSVOA_D
ClientSampled :

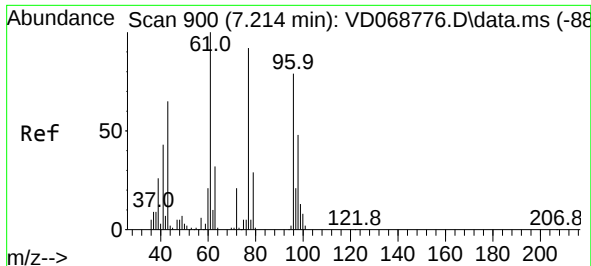
Tgt Ion: 43 Resp: 16318
Ion Ratio Lower Upper
43 100
58 33.7 28.0 42.0



#20
Methylene Chloride
Concen: 7.22 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068930.D
Acq: 21 Apr 2021 16:45

Tgt Ion: 84 Resp: 40892
Ion Ratio Lower Upper
84 100
49 98.1 83.4 125.0
51 31.6 23.4 35.2
86 63.1 51.0 76.4

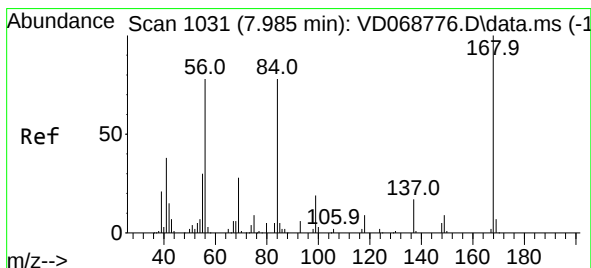
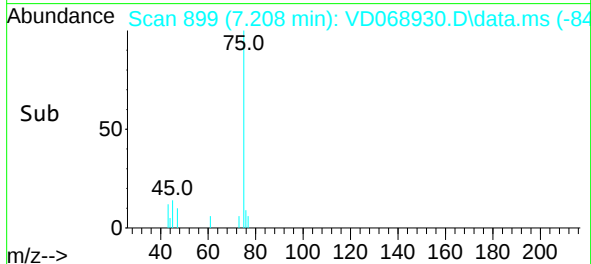
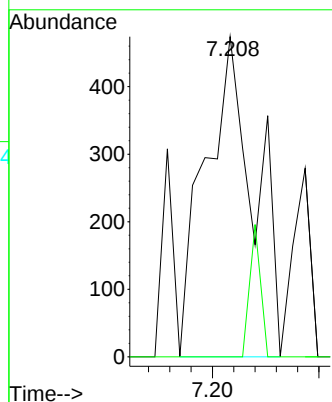
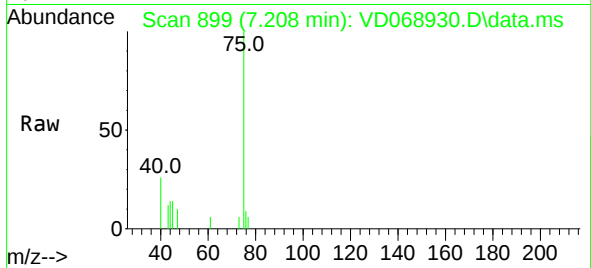




#25
2-Butanone
Concen: 1.20 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD068930.D
Acq: 21 Apr 2021 16:45

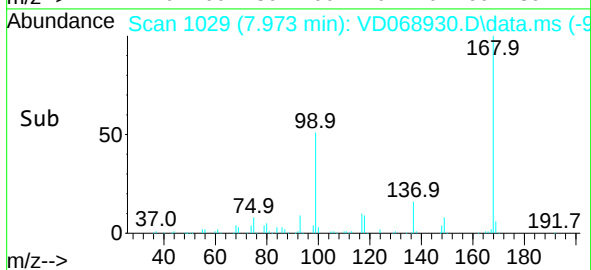
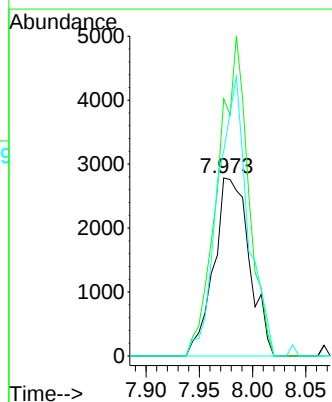
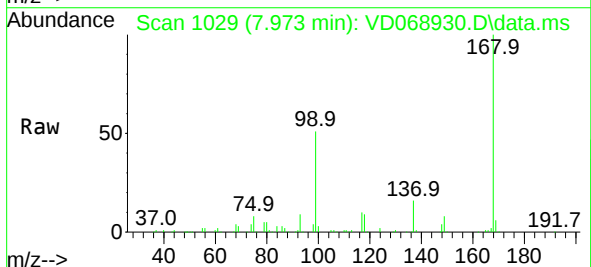
Instrument :
MSVOA_D
ClientSampled :

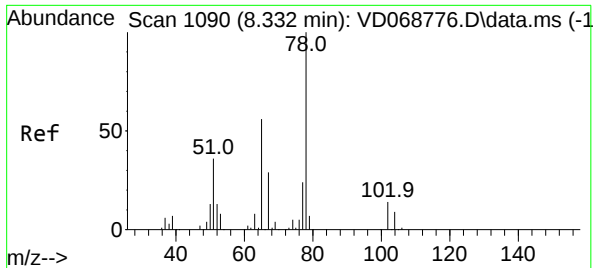
Tgt Ion: 43 Resp: 758
Ion Ratio Lower Upper
43 100
72 0.0 28.6 43.0#



#31
Cyclohexane
Concen: 1.21 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD068930.D
Acq: 21 Apr 2021 16:45

Tgt Ion: 56 Resp: 6449
Ion Ratio Lower Upper
56 100
69 144.4 30.0 45.0#
84 115.1 82.0 123.0

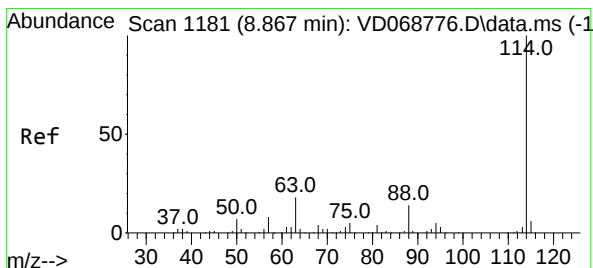
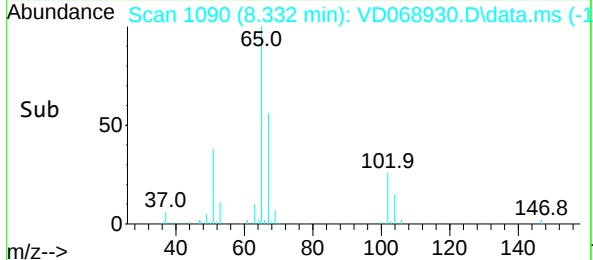
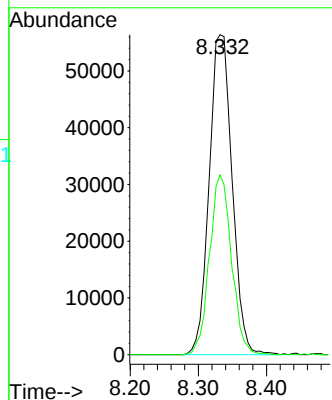
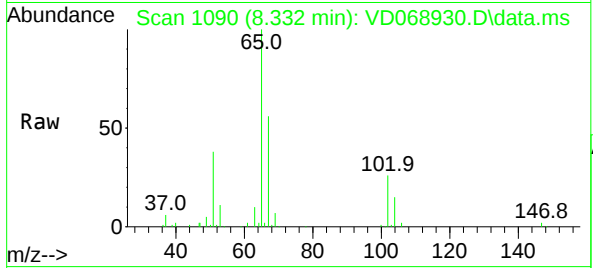




#33
 1,2-Dichloroethane-d4
 Concen: 41.18 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. -0.000 min
 Lab File: VD068930.D
 Acq: 21 Apr 2021 16:45

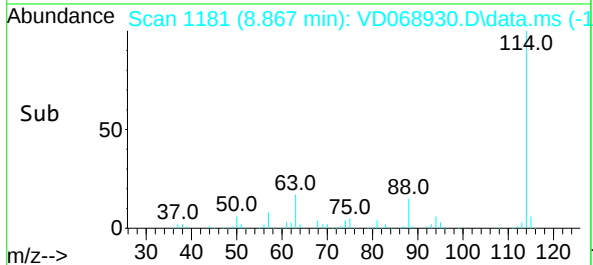
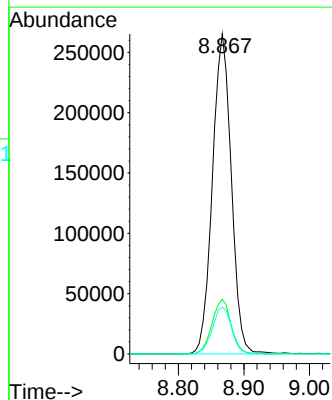
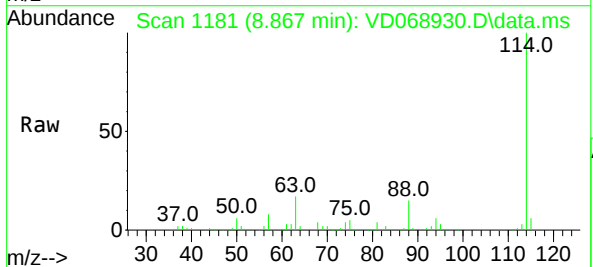
Instrument :
 MSVOA_D
 ClientSampled :

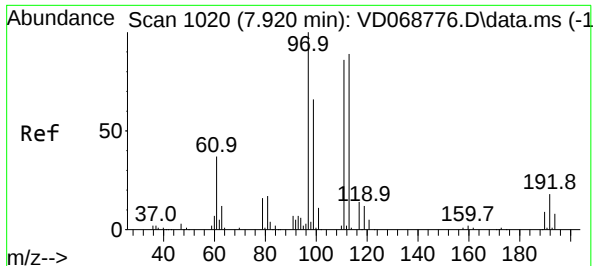
Tgt Ion: 65 Resp: 132424
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: VD068930.D
 Acq: 21 Apr 2021 16:45

Tgt Ion: 114 Resp: 529297
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 38.2
 88 14.6 0.0 29.4





#35

Dibromofluoromethane

Concen: 47.58 ug/l

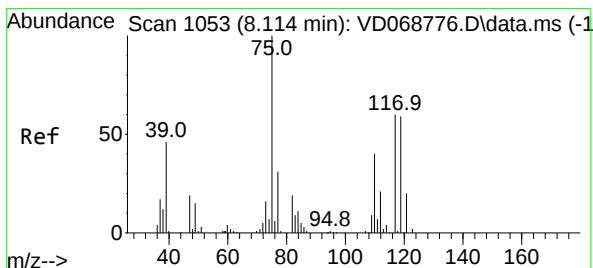
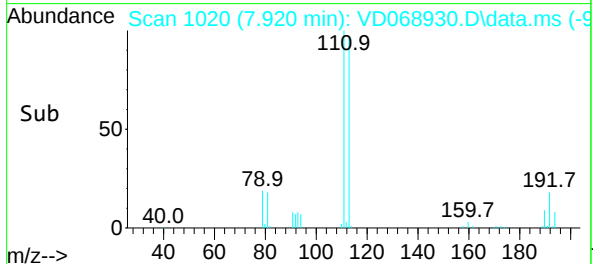
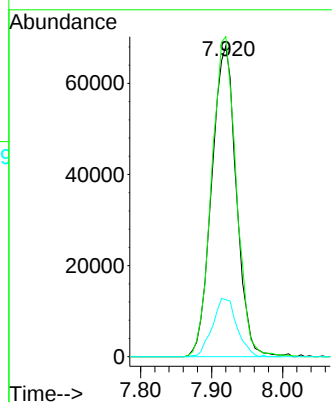
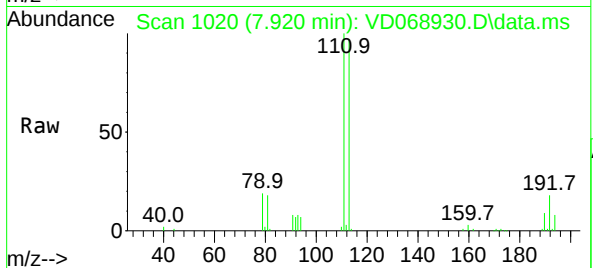
RT: 7.920 min Scan# 1020

Delta R.T. -0.000 min

Lab File: VD068930.D

Acq: 21 Apr 2021 16:45

Tgt Ion:	113	Resp:	163813
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.5	123.7
192	18.6	15.1	22.7



#36

1,1-Dichloropropene

Concen: 4.23 ug/l

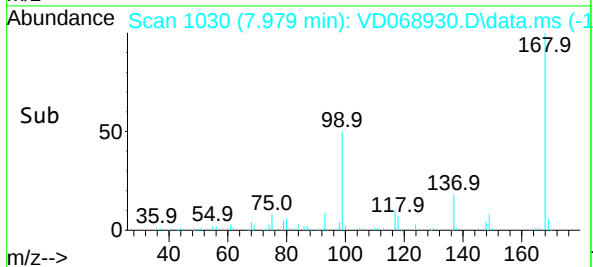
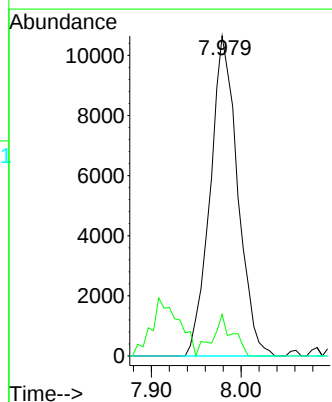
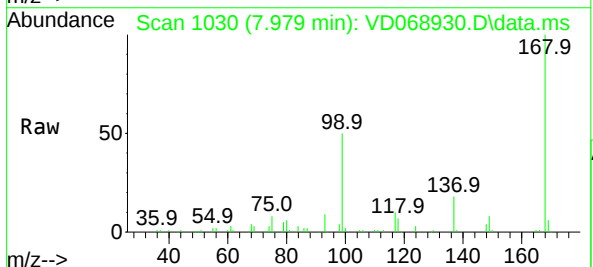
RT: 7.979 min Scan# 1030

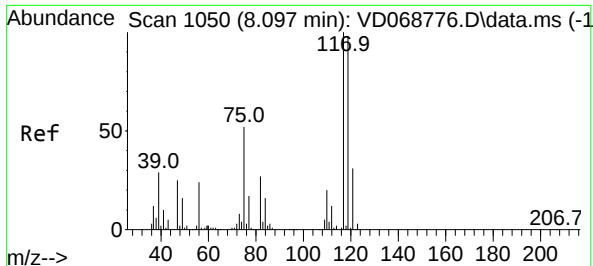
Delta R.T. -0.135 min

Lab File: VD068930.D

Acq: 21 Apr 2021 16:45

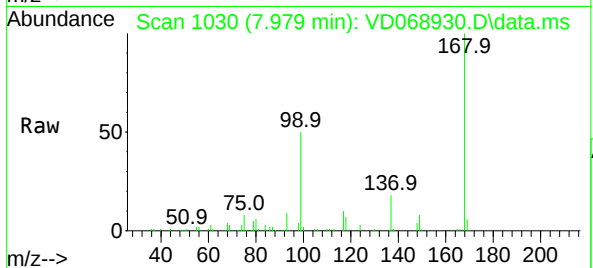
Tgt Ion:	75	Resp:	22667
Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.1	54.4#
77	0.0	24.7	37.1#



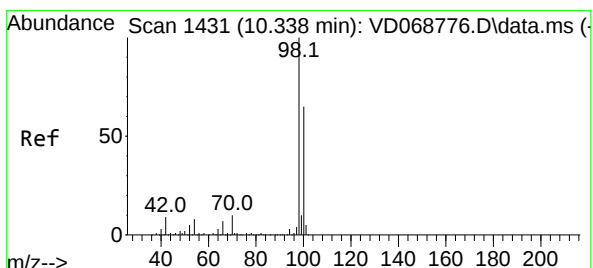
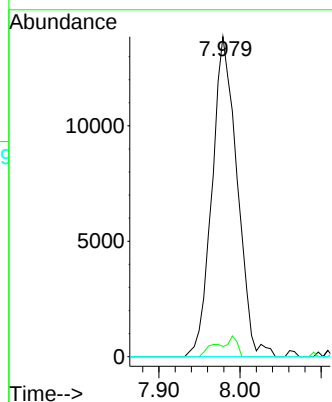
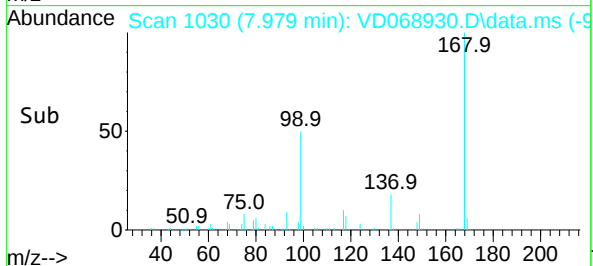


#38
Carbon Tetrachloride
Concen: 5.62 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068930.D
Acq: 21 Apr 2021 16:45

Instrument :
MSVOA_D
ClientSampled :

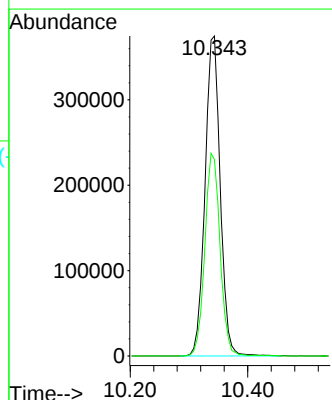
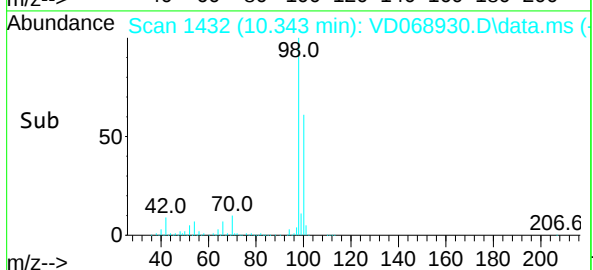
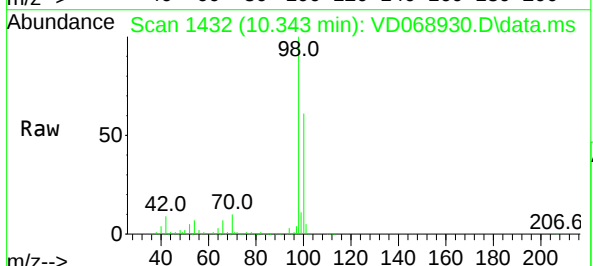


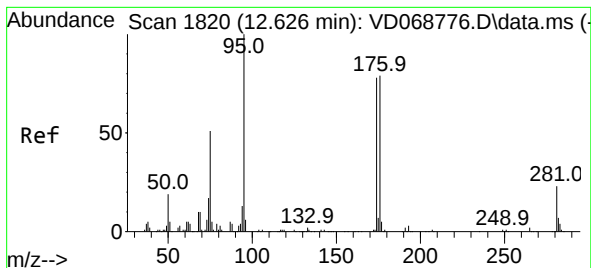
Tgt Ion:117 Resp: 29820
Ion Ratio Lower Upper
117 100
119 3.2 76.6 115.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 51.90 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.005 min
Lab File: VD068930.D
Acq: 21 Apr 2021 16:45

Tgt Ion: 98 Resp: 674070
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.6

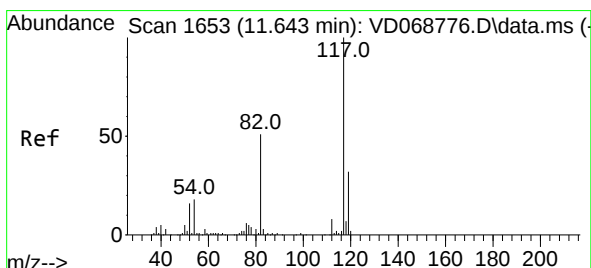
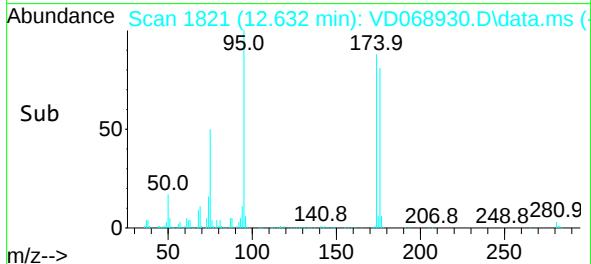
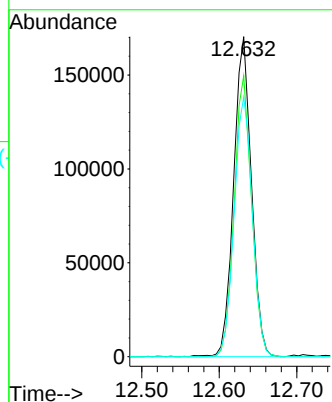
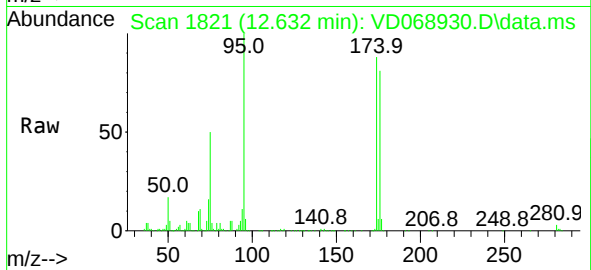




#62
4-Bromofluorobenzene
Concen: 63.12 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068930.D
Acq: 21 Apr 2021 16:45

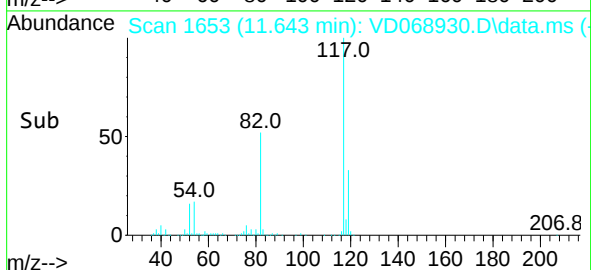
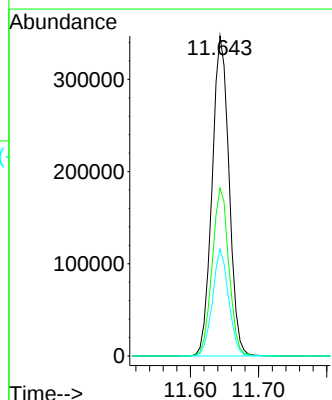
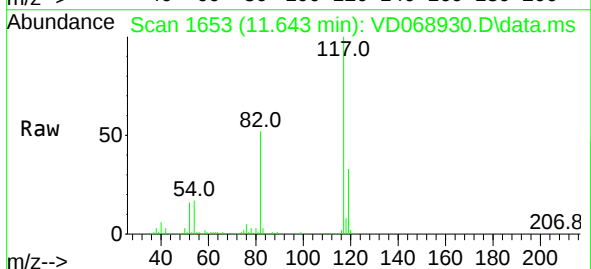
Instrument :
MSVOA_D
ClientSampleId :

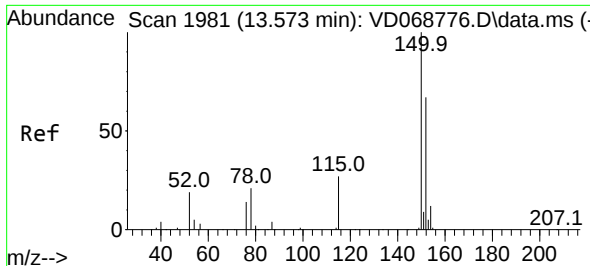
Tgt Ion: 95 Resp: 272249
Ion Ratio Lower Upper
95 100
174 86.1 0.0 168.0
176 83.2 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068930.D
Acq: 21 Apr 2021 16:45

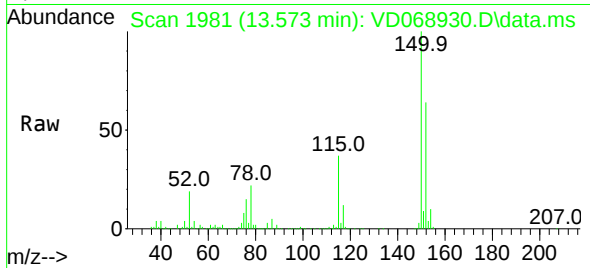
Tgt Ion: 117 Resp: 600138
Ion Ratio Lower Upper
117 100
82 52.5 43.5 65.3
119 33.3 26.7 40.1



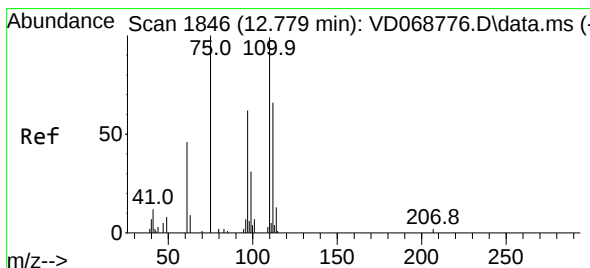
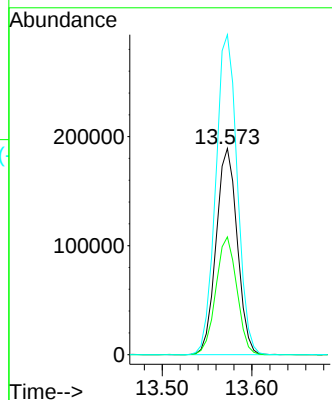
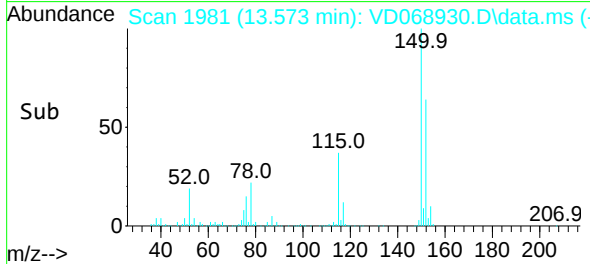


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. -0.000 min
 Lab File: VD068930.D
 Acq: 21 Apr 2021 16:45

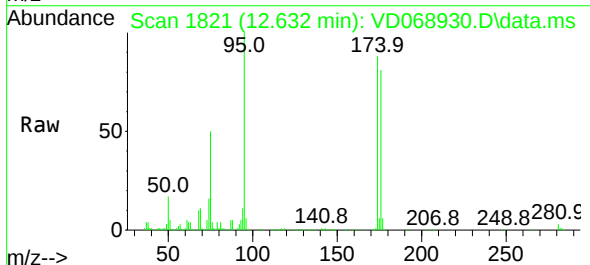
Instrument :
 MSVOA_D
 ClientSampled :



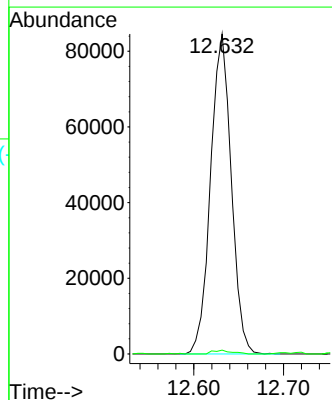
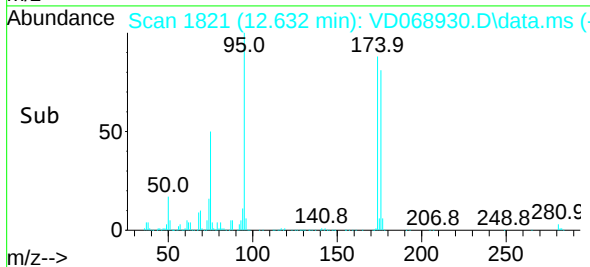
Tgt Ion:152 Resp: 308624
 Ion Ratio Lower Upper
 152 100
 115 57.0 29.3 87.8
 150 158.3 0.0 347.6

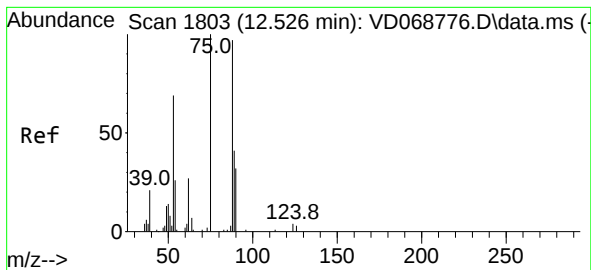


#76
 1,2,3-Trichloropropane
 Concen: 48.03 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. -0.147 min
 Lab File: VD068930.D
 Acq: 21 Apr 2021 16:45



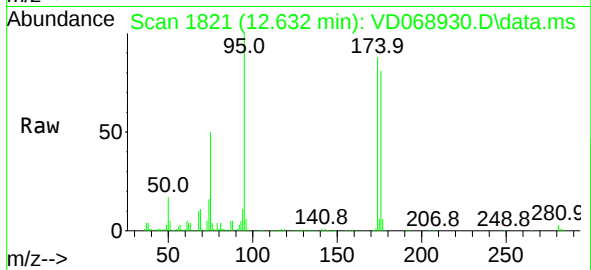
Tgt Ion: 75 Resp: 135410
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.46 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068930.D
 Acq: 21 Apr 2021 16:45

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 135410
 Ion Ratio Lower Upper
 75 100
 53 0.3 66.8 100.2#
 89 0.0 36.6 54.8#

