

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042321\
 Data File : VD068971.D
 Acq On : 23 Apr 2021 16:57
 Operator : VA/SY
 Sample : M2145-01
 Misc : 5.36G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 26 09:51:24 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)

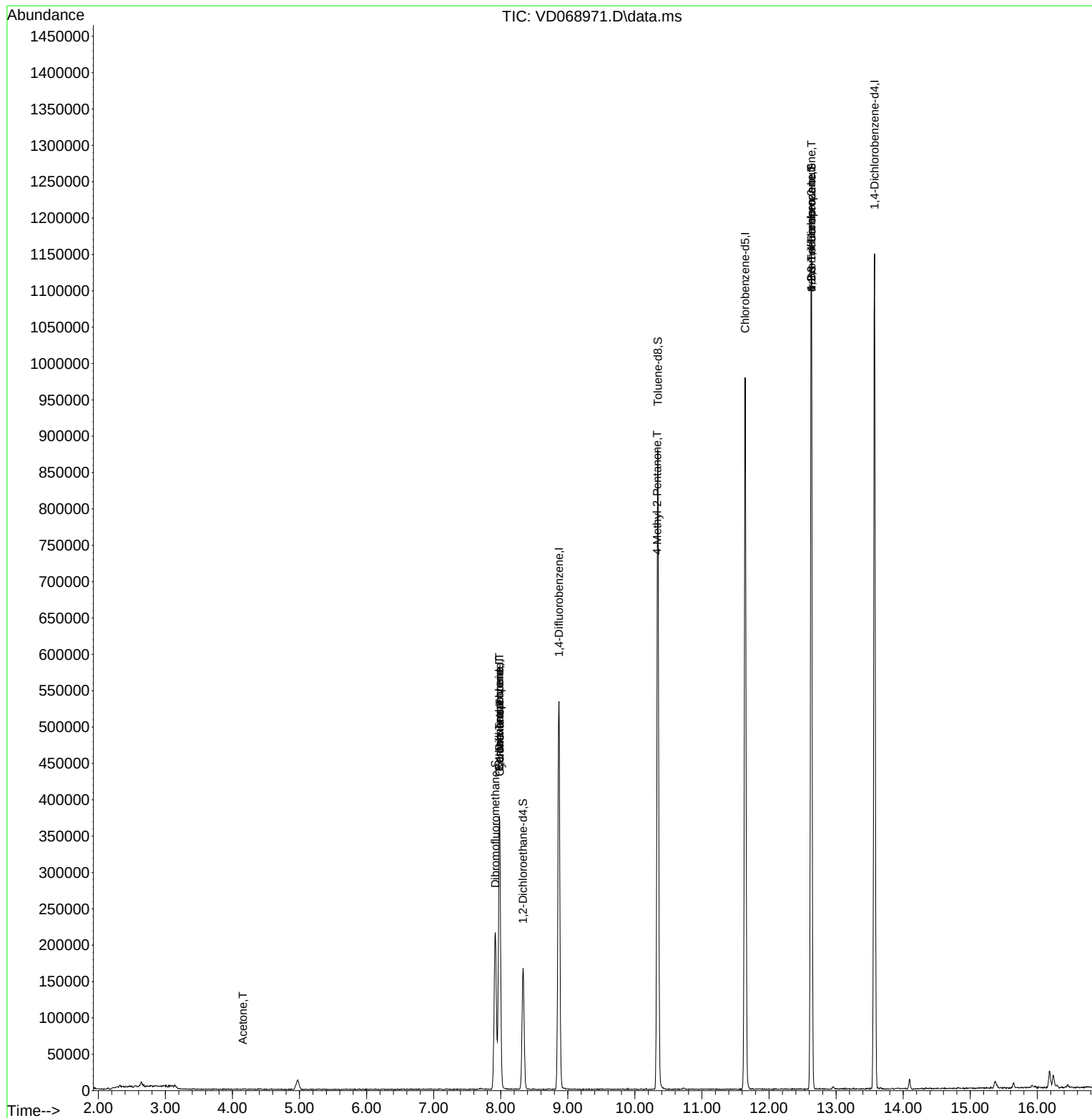
Internal Standards						
1) Pentafluorobenzene	7.979	168	290985	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	493606	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	596256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	321275	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	131817	42.86	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	85.72%		
35) Dibromofluoromethane	7.920	113	153972	47.96	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.92%		
50) Toluene-d8	10.344	98	633656	52.32	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	104.64%		
62) 4-Bromofluorobenzene	12.632	95	285720	71.03	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	142.06%		
Target Compounds						
11) Tert butyl alcohol	5.215	59	86	Below Cal	#	73
16) Acetone	4.156	43	694	1.63	ug/l #	40
20) Methylene Chloride	4.968	84	11033	Below Cal	#	79
31) Cyclohexane	7.985	56	5995	1.17	ug/l #	50
36) 1,1-Dichloropropene	7.979	75	21521	4.31	ug/l #	43
38) Carbon Tetrachloride	7.979	117	28936	5.85	ug/l #	16
51) 4-Methyl-2-Pentanone	10.332	43	2091	1.39	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	141965	48.37	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	141965	112.25	ug/l #	16

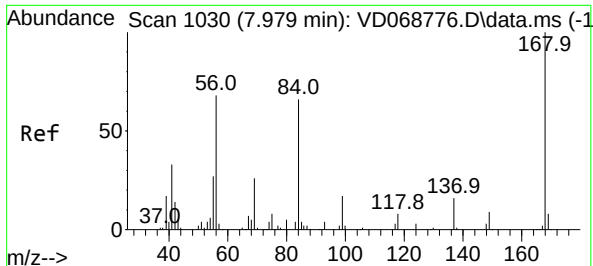
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

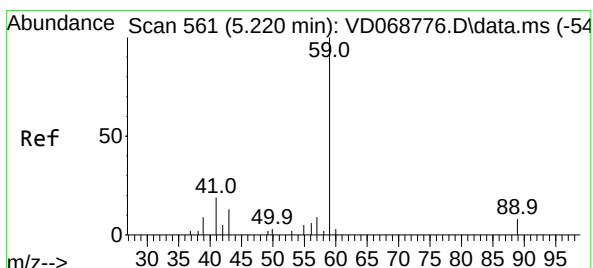
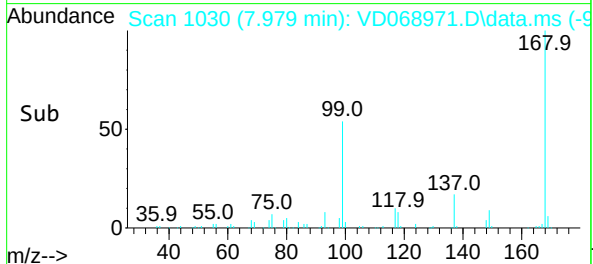
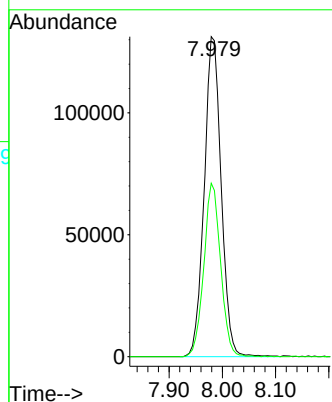
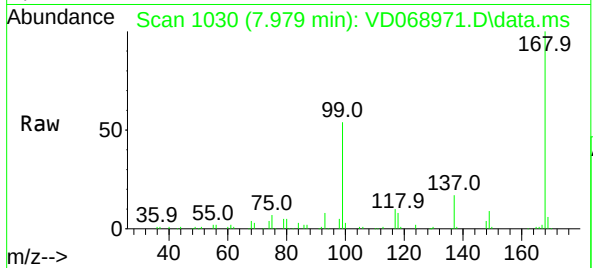




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068971.D
Acq: 23 Apr 2021 16:57

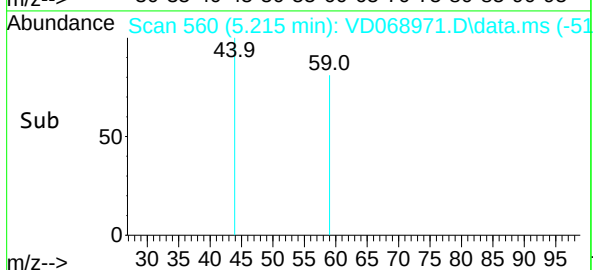
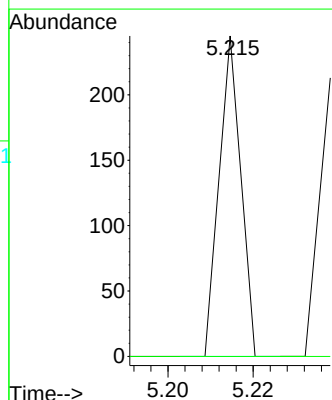
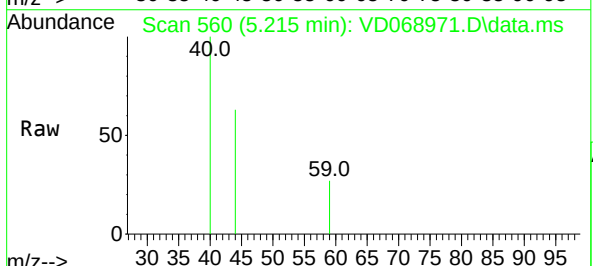
Instrument :
MSVOA_D
ClientSampleId :

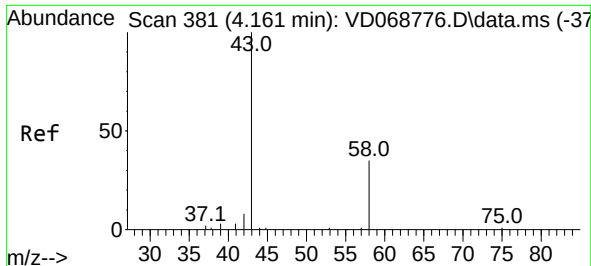
Tgt Ion:168 Resp: 290985
Ion Ratio Lower Upper
168 100
99 54.2 46.2 69.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.215 min Scan# 560
Delta R.T. -0.005 min
Lab File: VD068971.D
Acq: 23 Apr 2021 16:57

Tgt Ion: 59 Resp: 86
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

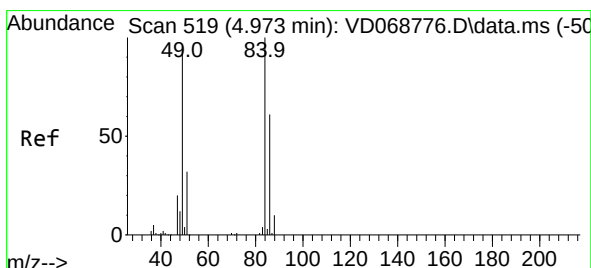
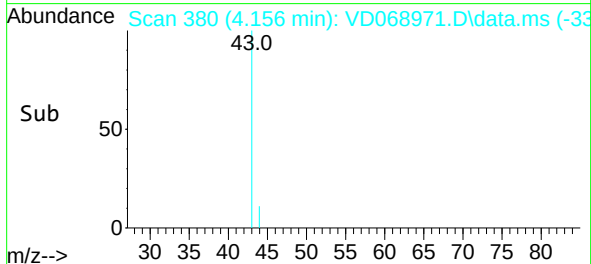
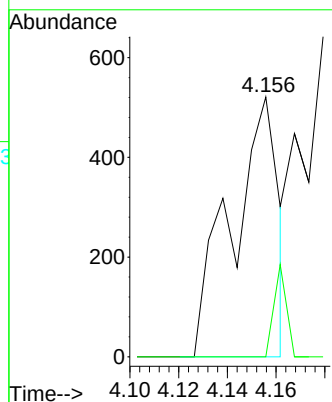
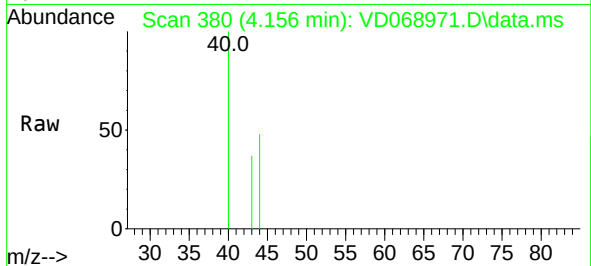




#16
Acetone
Concen: 1.63 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.005 min
Lab File: VD068971.D
Acq: 23 Apr 2021 16:57

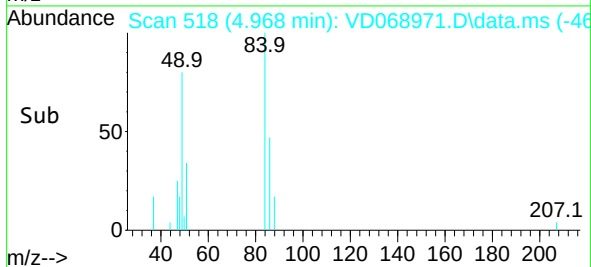
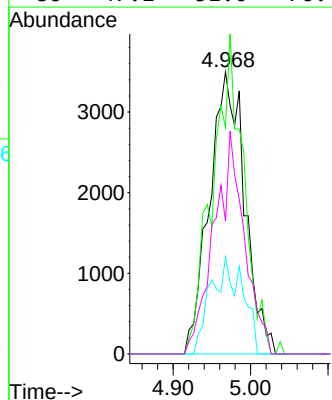
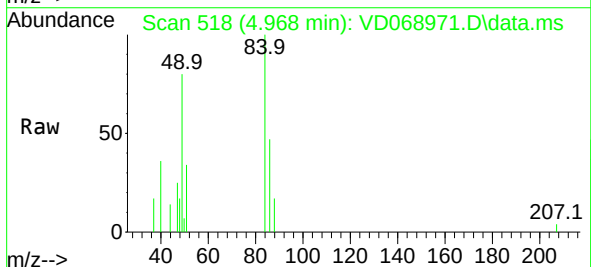
Instrument :
MSVOA_D
ClientSampled :

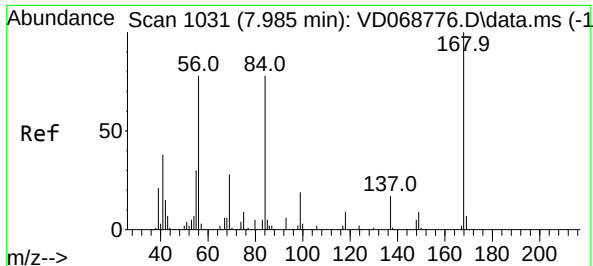
Tgt Ion: 43 Resp: 694
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 518
Delta R.T. -0.005 min
Lab File: VD068971.D
Acq: 23 Apr 2021 16:57

Tgt Ion: 84 Resp: 11033
Ion Ratio Lower Upper
84 100
49 80.3 83.4 125.0#
51 34.4 23.4 35.2
86 47.1 51.0 76.4#

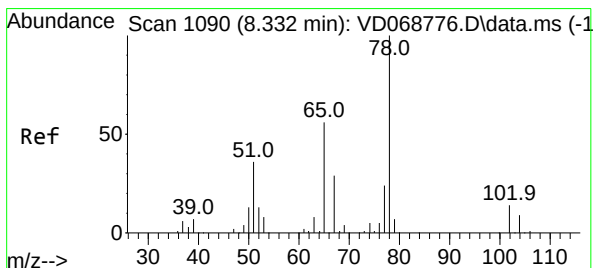
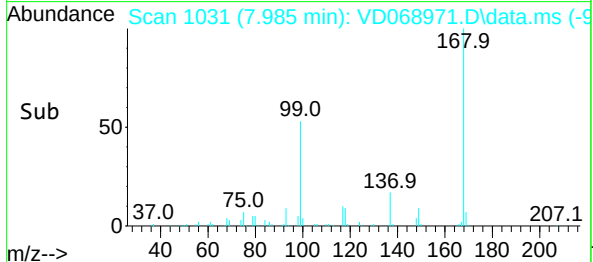
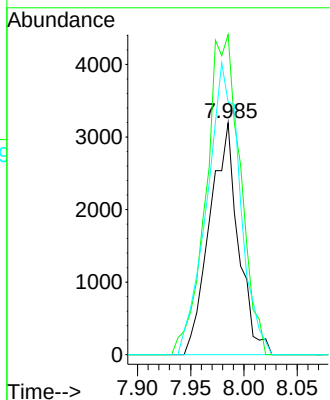
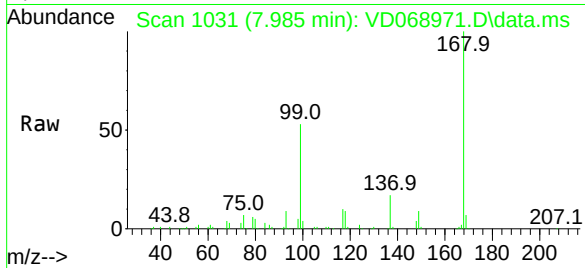




#31
Cyclohexane
Concen: 1.17 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068971.D
Acq: 23 Apr 2021 16:57

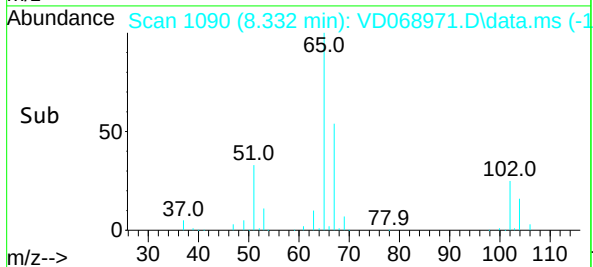
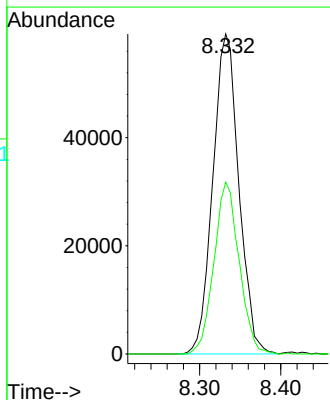
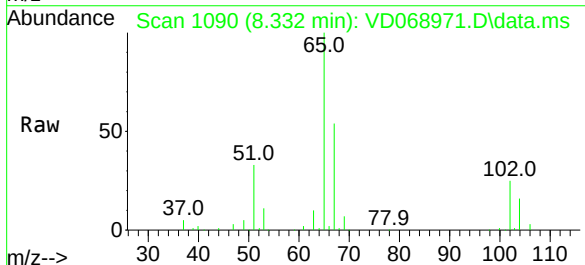
Instrument :
MSVOA_D
ClientSampled :

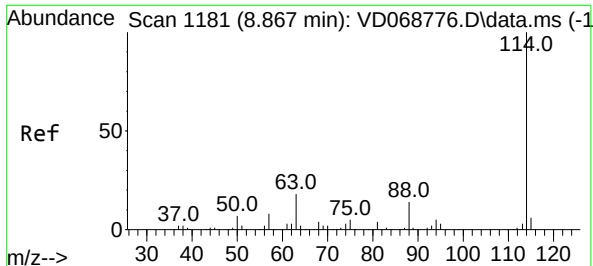
Tgt Ion: 56 Resp: 5995
Ion Ratio Lower Upper
56 100
69 138.0 30.0 45.0#
84 108.9 82.0 123.0



#33
1,2-Dichloroethane-d4
Concen: 42.86 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068971.D
Acq: 23 Apr 2021 16:57

Tgt Ion: 65 Resp: 131817
Ion Ratio Lower Upper
65 100
67 51.9 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: VD068971.D

Acq: 23 Apr 2021 16:57

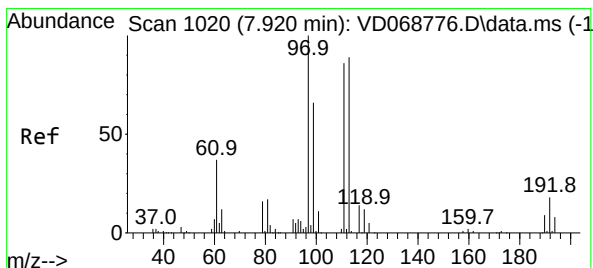
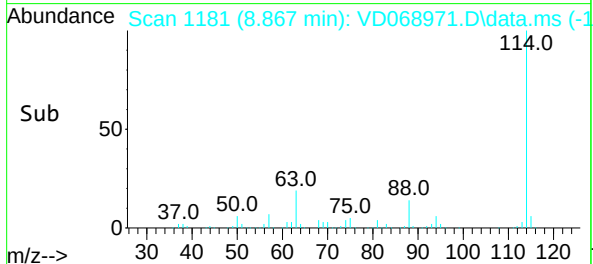
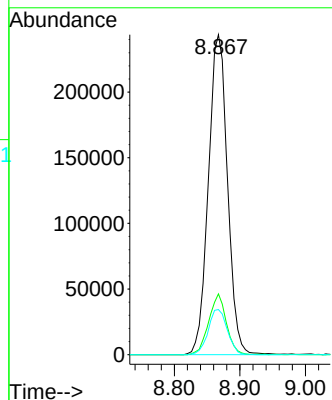
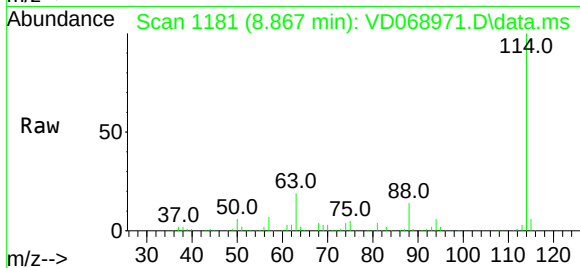
Tgt Ion:114 Resp: 493606

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.2

88 14.1 0.0 29.4



#35

Dibromofluoromethane

Concen: 47.96 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068971.D

Acq: 23 Apr 2021 16:57

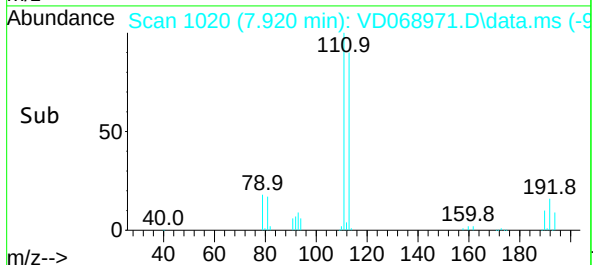
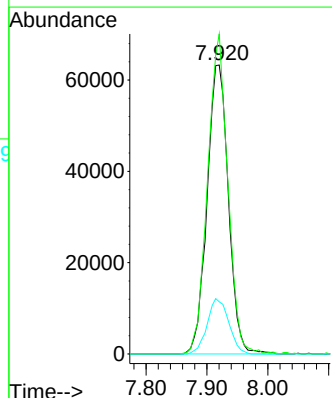
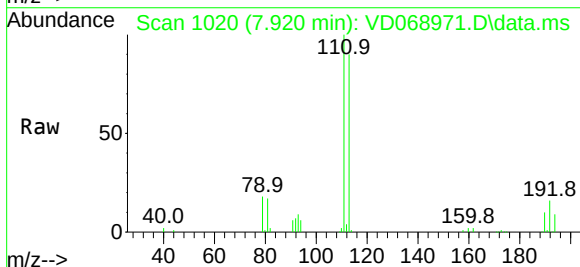
Tgt Ion:113 Resp: 153972

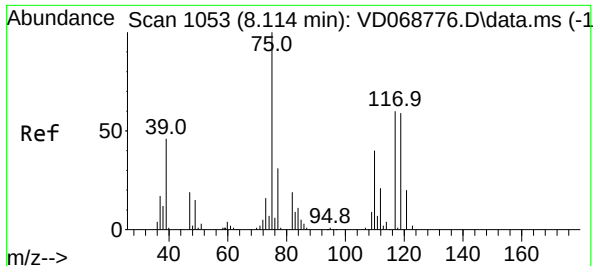
Ion Ratio Lower Upper

113 100

111 105.1 82.5 123.7

192 19.4 15.1 22.7





#36

1,1-Dichloropropene

Concen: 4.31 ug/l

RT: 7.979 min Scan# 1030

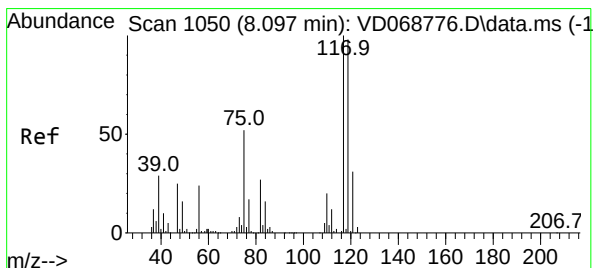
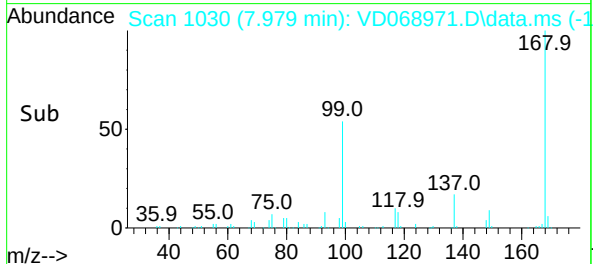
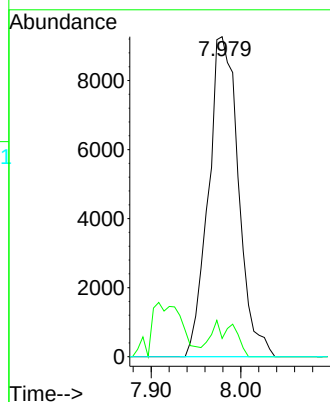
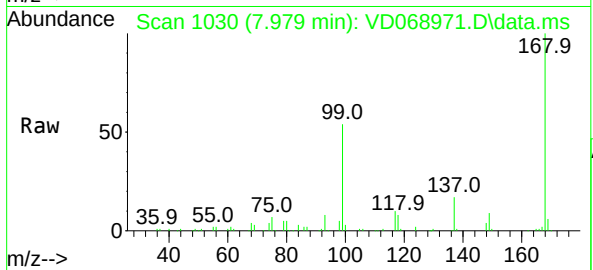
Delta R.T. -0.135 min

Lab File: VD068971.D

Acq: 23 Apr 2021 16:57

Tgt Ion: 75	Resp: 21521
Ion Ratio	Lower Upper
75 100	
110 2.6	18.1 54.4#
77 0.0	24.7 37.1#

Instrument :
MSVOA_D
ClientSampled :



#38

Carbon Tetrachloride

Concen: 5.85 ug/l

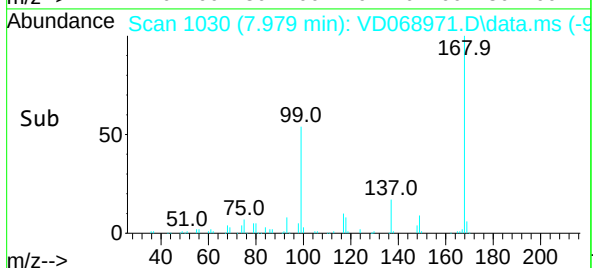
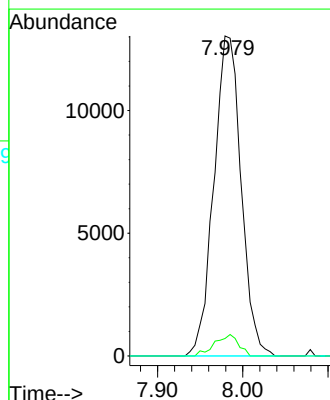
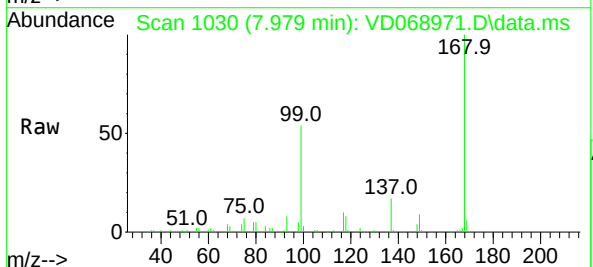
RT: 7.979 min Scan# 1030

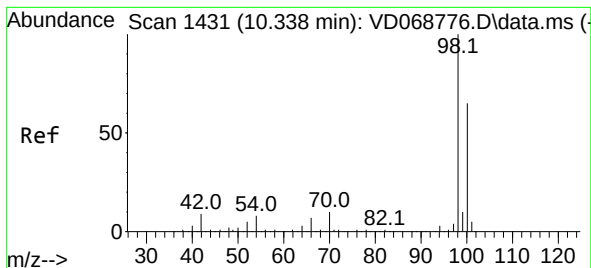
Delta R.T. -0.118 min

Lab File: VD068971.D

Acq: 23 Apr 2021 16:57

Tgt Ion: 117	Resp: 28936
Ion Ratio	Lower Upper
117 100	
119 5.4	76.6 115.0#
121 0.0	26.1 39.1#

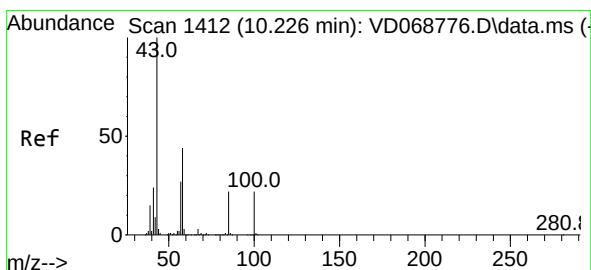
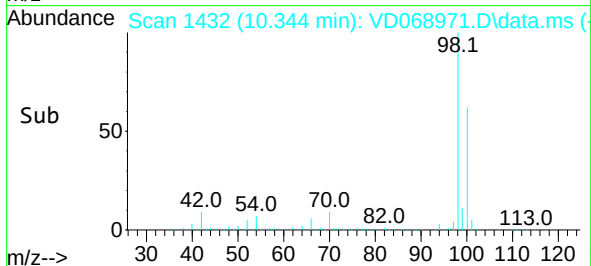
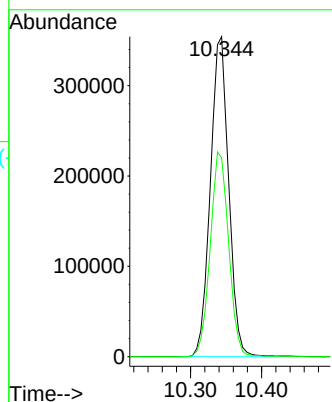
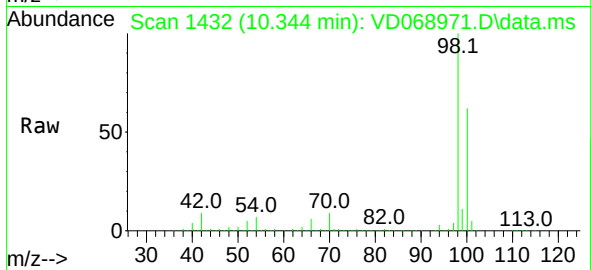




#50
Toluene-d8
Concen: 52.32 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VD068971.D
Acq: 23 Apr 2021 16:57

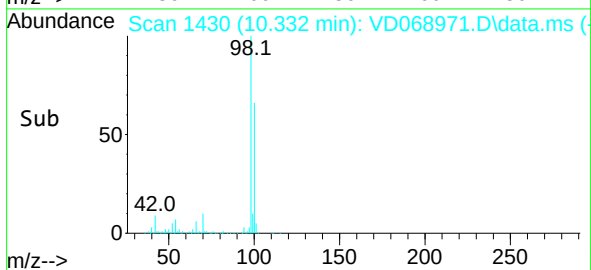
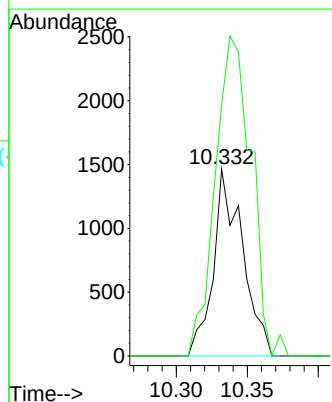
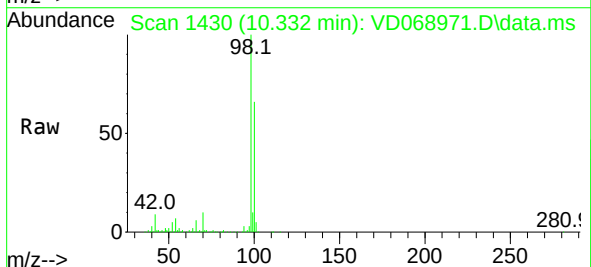
Instrument :
MSVOA_D
ClientSampleId :

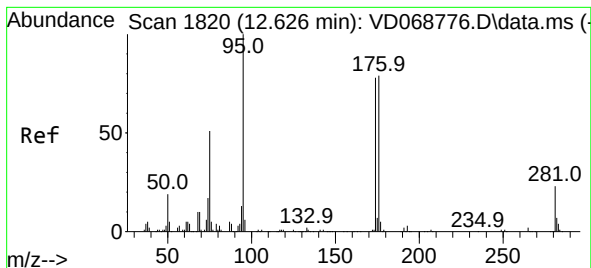
Tgt Ion: 98 Resp: 633656
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.39 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.106 min
Lab File: VD068971.D
Acq: 23 Apr 2021 16:57

Tgt Ion: 43 Resp: 2091
Ion Ratio Lower Upper
43 100
58 211.7 37.3 55.9#

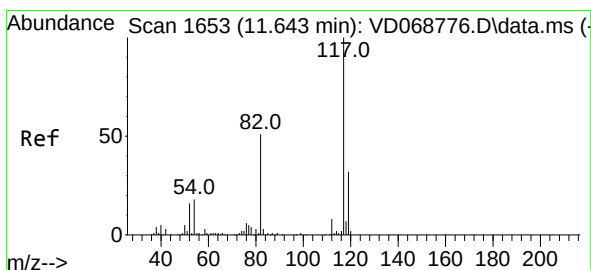
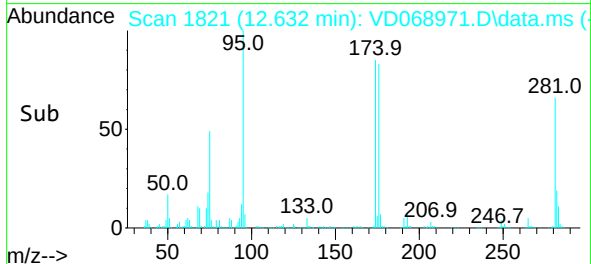
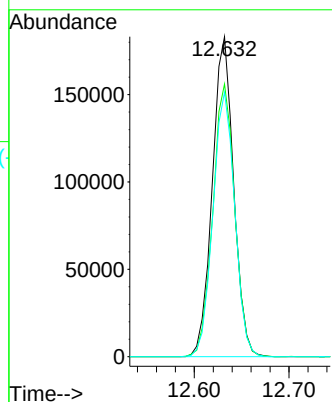
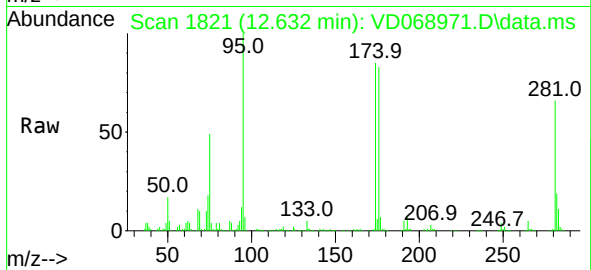




#62
4-Bromofluorobenzene
Concen: 71.03 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068971.D
Acq: 23 Apr 2021 16:57

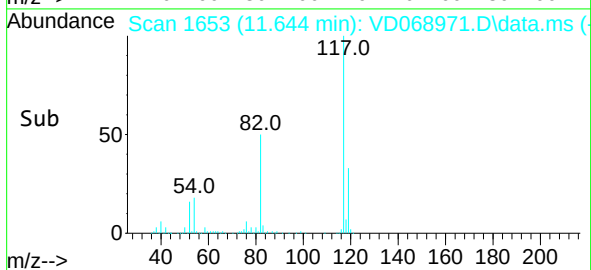
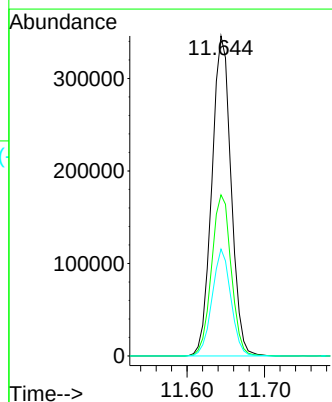
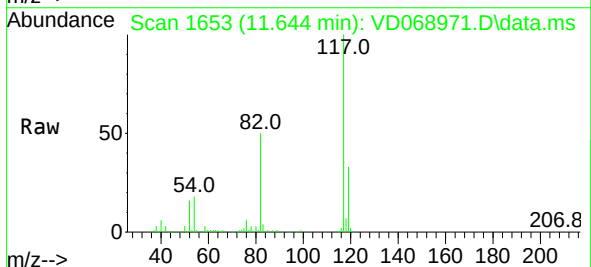
Instrument :
MSVOA_D
ClientSampleId :

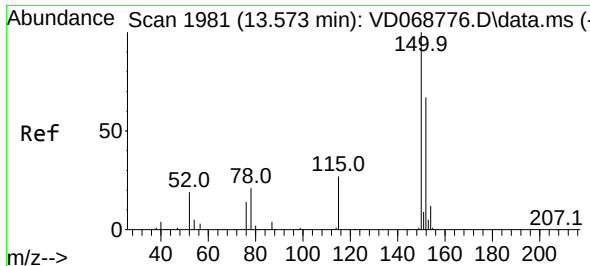
Tgt Ion: 95 Resp: 285720
Ion Ratio Lower Upper
95 100
174 87.4 0.0 168.0
176 84.6 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068971.D
Acq: 23 Apr 2021 16:57

Tgt Ion:117 Resp: 596256
Ion Ratio Lower Upper
117 100
82 50.3 43.5 65.3
119 33.4 26.7 40.1

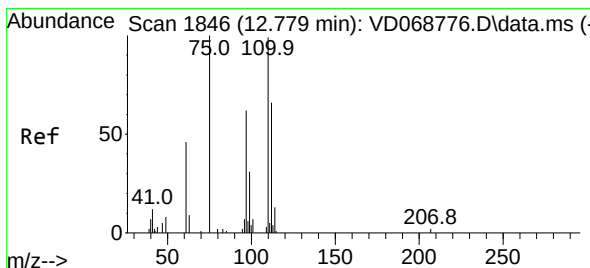
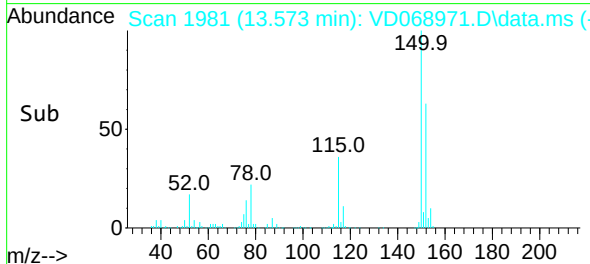
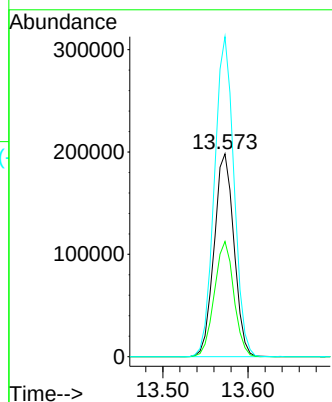
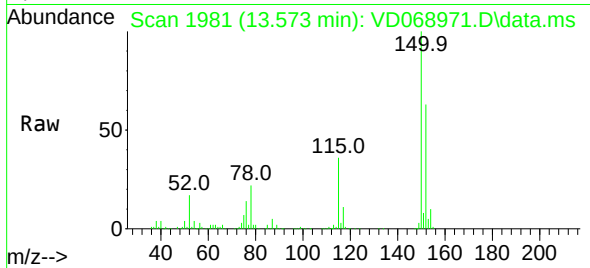




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068971.D
Acq: 23 Apr 2021 16:57

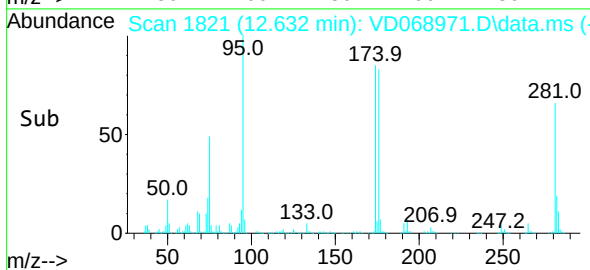
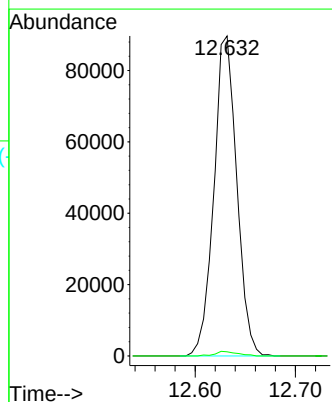
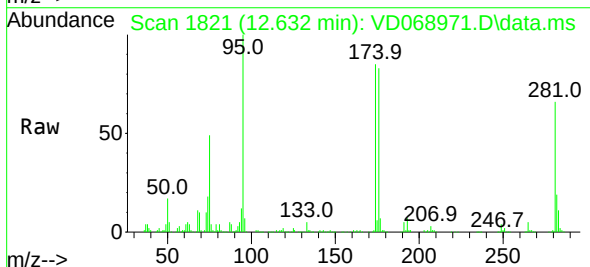
Instrument :
MSVOA_D
ClientSampleId :

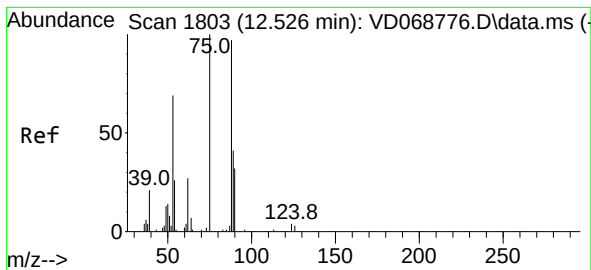
Tgt Ion:152 Resp: 321275
Ion Ratio Lower Upper
152 100
115 55.9 29.3 87.8
150 155.6 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 48.37 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068971.D
Acq: 23 Apr 2021 16:57

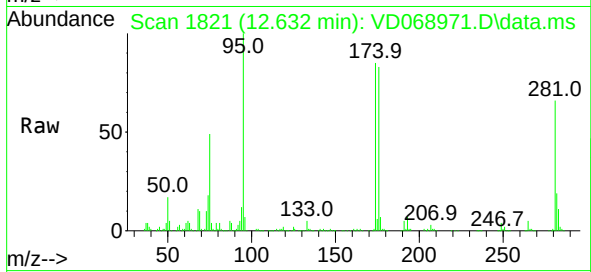
Tgt Ion: 75 Resp: 141965
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 112.25 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068971.D
 Acq: 23 Apr 2021 16:57

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 141965
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.4 36.6 54.8#

