

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042321\
 Data File : VD068973.D
 Acq On : 23 Apr 2021 17:53
 Operator : VA/SY
 Sample : M2152-05
 Misc : 6.51G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 26 09:51:59 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)

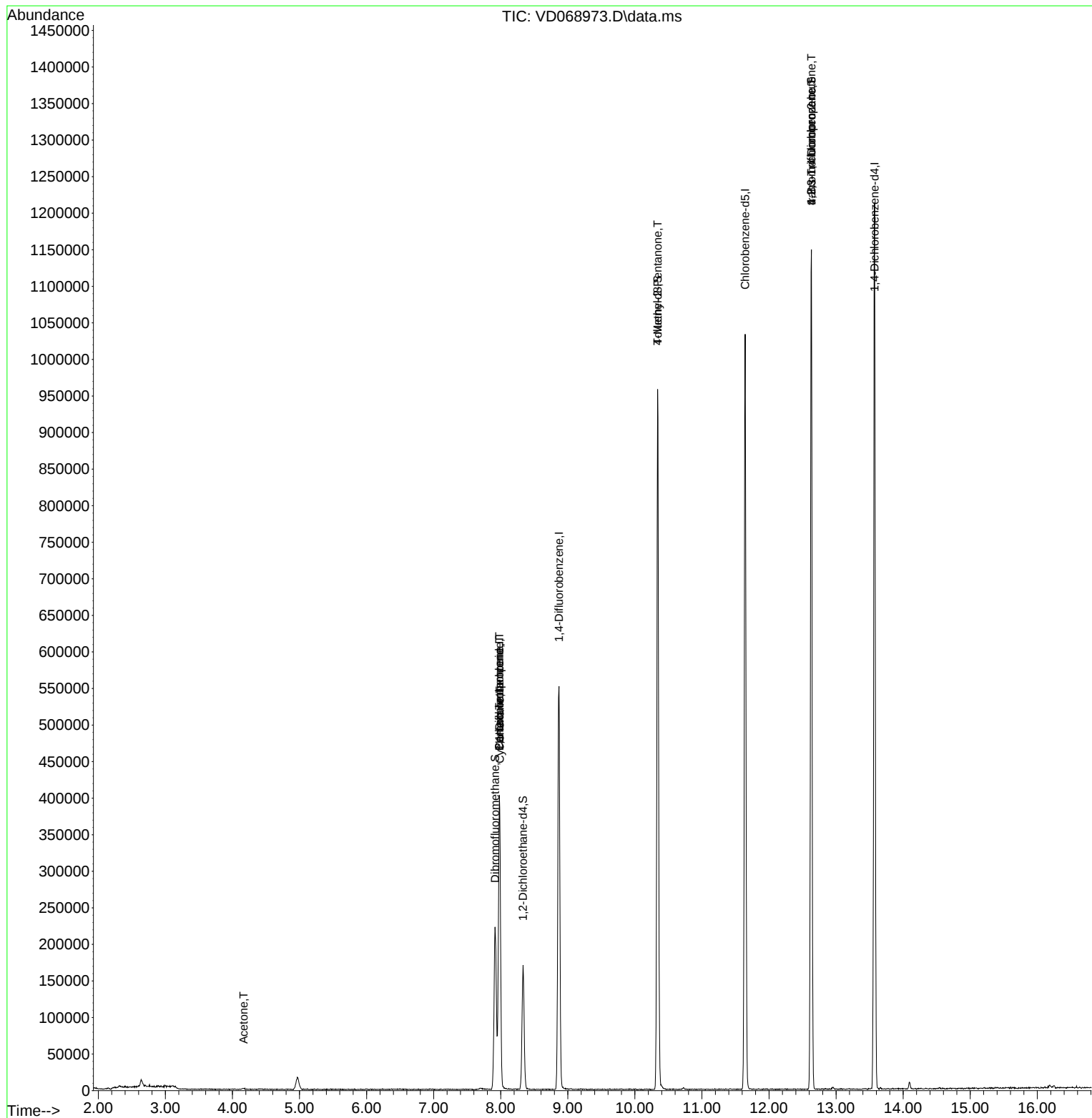
Internal Standards						
1) Pentafluorobenzene	7.979	168	305898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	522953	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	626953	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	335512	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	130392	40.33	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	80.66%		
35) Dibromofluoromethane	7.914	113	164335	48.31	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.62%		
50) Toluene-d8	10.338	98	668469	52.09	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	104.18%		
62) 4-Bromofluorobenzene	12.632	95	293965	68.98	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	137.96%		
Target Compounds						
11) Tert butyl alcohol	5.226	59	181	Below Cal	#	73
16) Acetone	4.168	43	2515	5.62	ug/l	88
20) Methylene Chloride	4.973	84	14129	Below Cal	#	81
31) Cyclohexane	7.985	56	6226	1.16	ug/l	# 39
36) 1,1-Dichloropropene	7.979	75	21698	4.10	ug/l	# 49
38) Carbon Tetrachloride	7.979	117	31243	5.96	ug/l	# 16
51) 4-Methyl-2-Pentanone	10.338	43	2139	1.34	ug/l	# 1
76) 1,2,3-Trichloropropane	12.632	75	146156	47.68	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.632	75	146156	110.66	ug/l	# 16

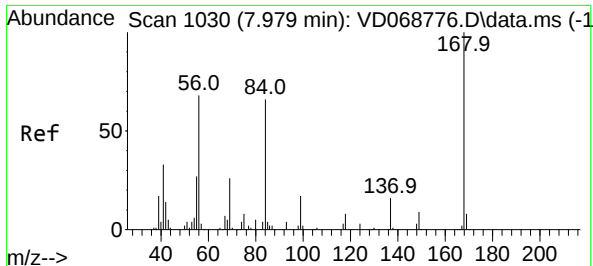
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

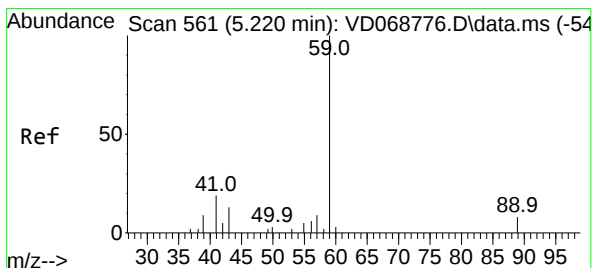
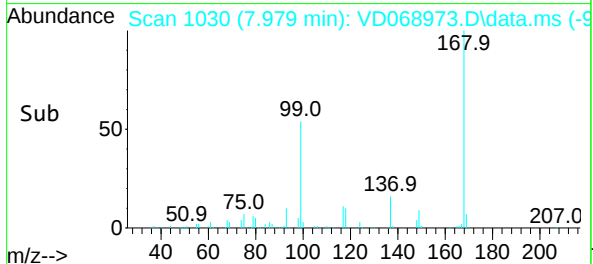
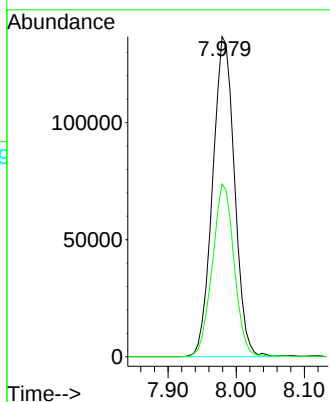
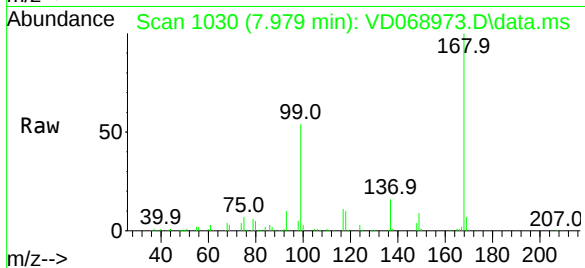




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068973.D
Acq: 23 Apr 2021 17:53

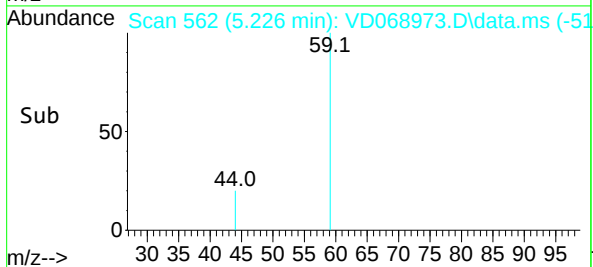
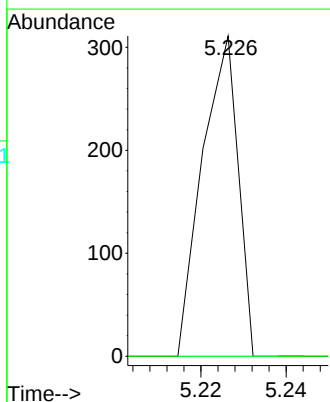
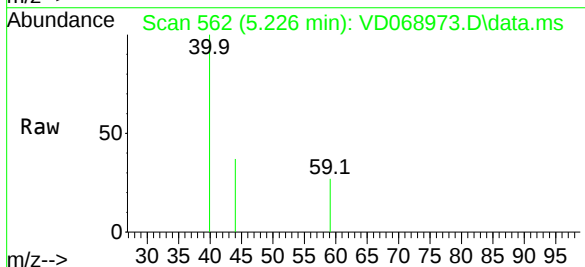
Instrument :
MSVOA_D
ClientSampled :

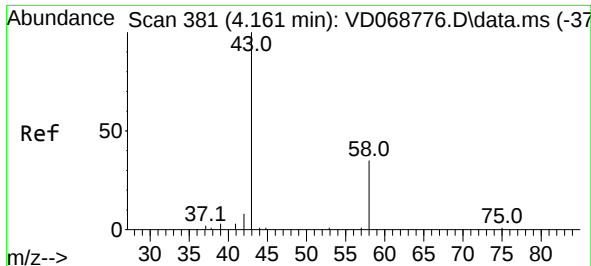
Tgt Ion:168 Resp: 305898
Ion Ratio Lower Upper
168 100
99 54.0 46.2 69.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD068973.D
Acq: 23 Apr 2021 17:53

Tgt Ion: 59 Resp: 181
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

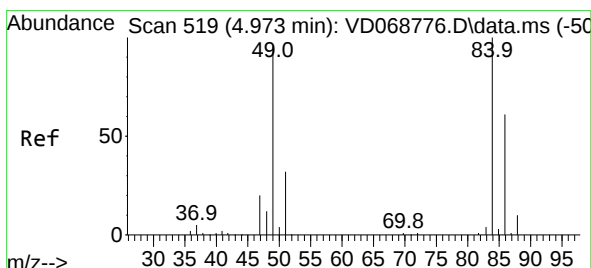
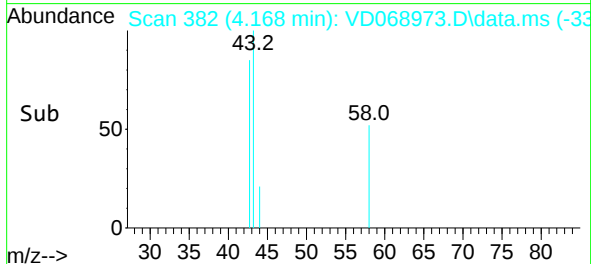
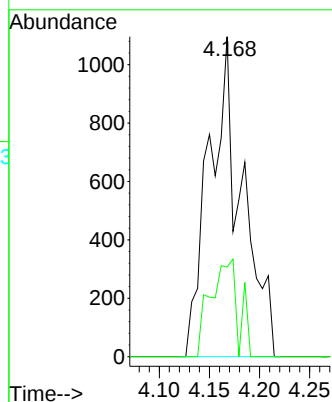
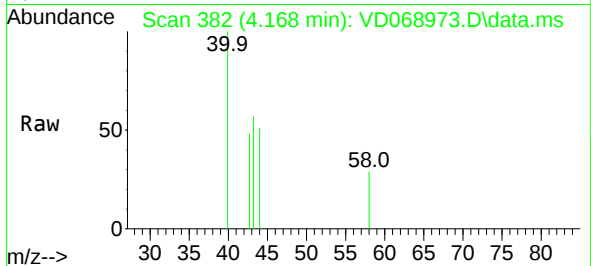




#16
Acetone
Concen: 5.62 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.007 min
Lab File: VD068973.D
Acq: 23 Apr 2021 17:53

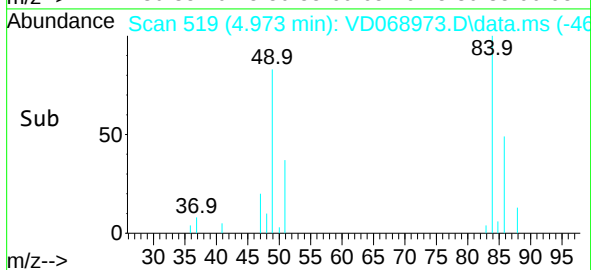
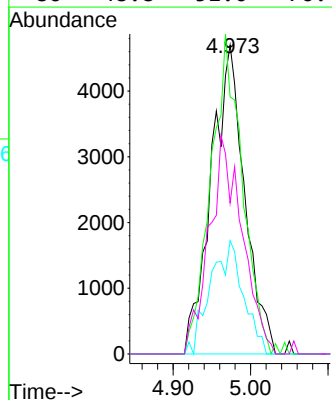
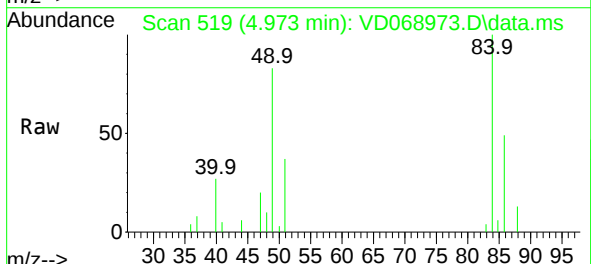
Instrument :
MSVOA_D
ClientSampled :

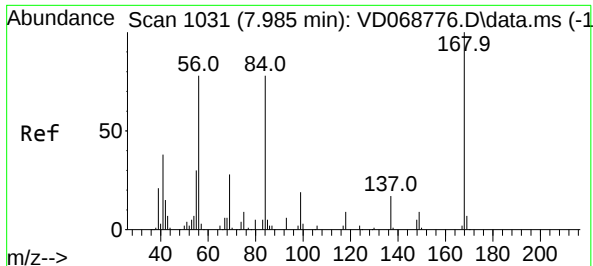
Tgt Ion: 43 Resp: 2515
Ion Ratio Lower Upper
43 100
58 28.0 28.0 42.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068973.D
Acq: 23 Apr 2021 17:53

Tgt Ion: 84 Resp: 14129
Ion Ratio Lower Upper
84 100
49 83.2 83.4 125.0#
51 36.7 23.4 35.2#
86 48.8 51.0 76.4#





#31

Cyclohexane

Concen: 1.16 ug/l

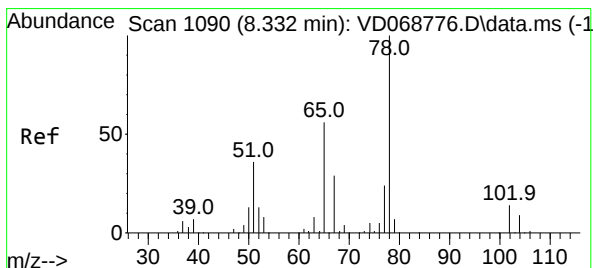
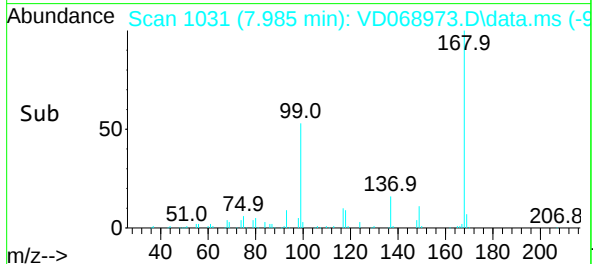
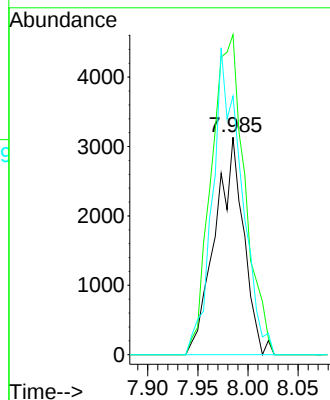
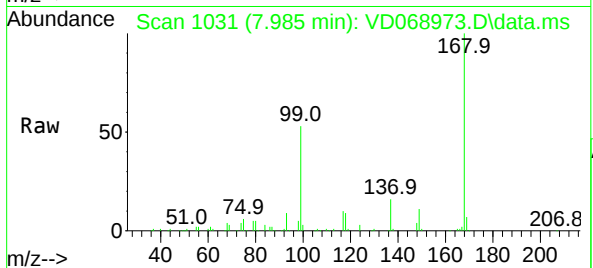
RT: 7.985 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VD068973.D

Acq: 23 Apr 2021 17:53

Tgt Ion:	56	Resp:	6226
Ion	Ratio	Lower	Upper
56	100		
69	147.2	30.0	45.0#
84	118.9	82.0	123.0



#33

1,2-Dichloroethane-d4

Concen: 40.33 ug/l

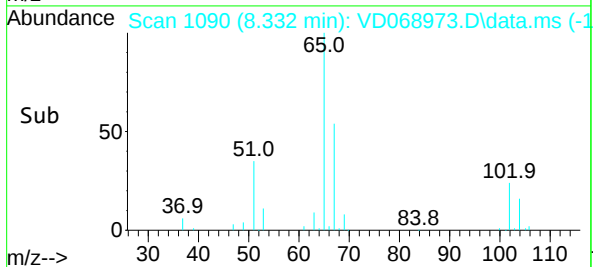
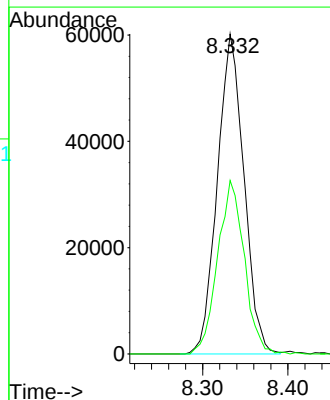
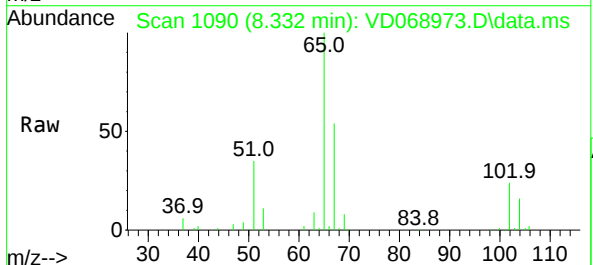
RT: 8.332 min Scan# 1090

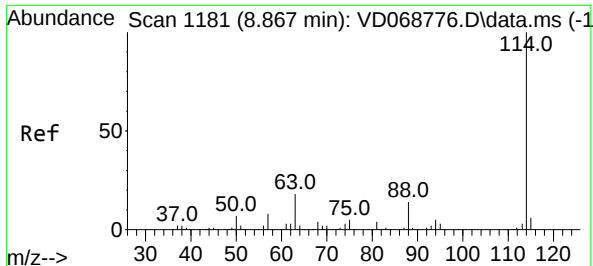
Delta R.T. 0.000 min

Lab File: VD068973.D

Acq: 23 Apr 2021 17:53

Tgt Ion:	65	Resp:	130392
Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	106.0

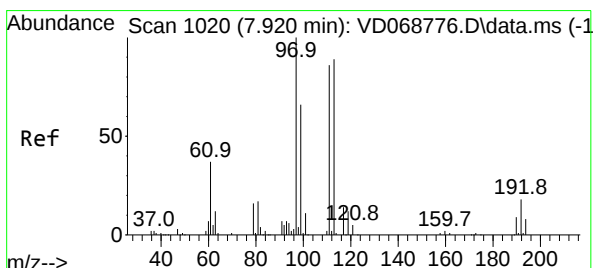
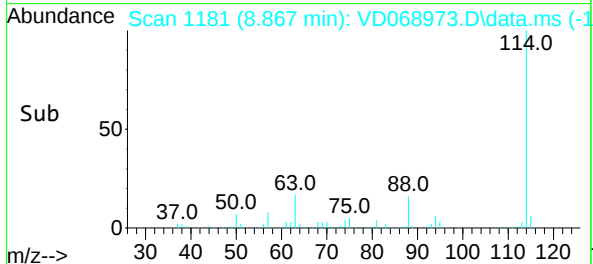
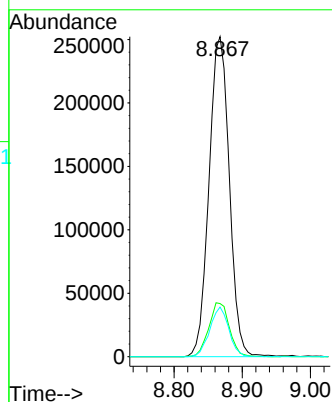
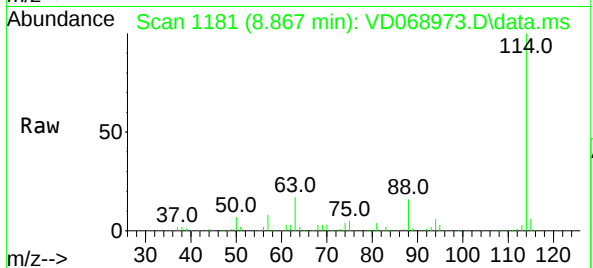




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068973.D
Acq: 23 Apr 2021 17:53

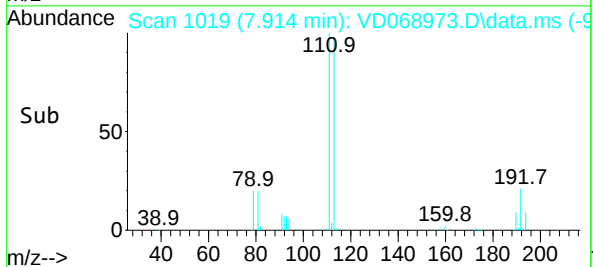
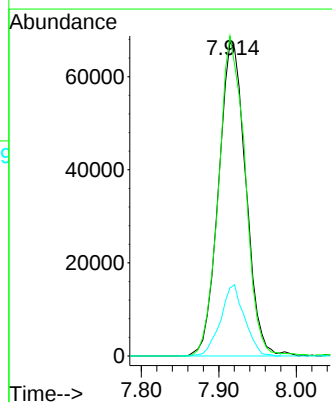
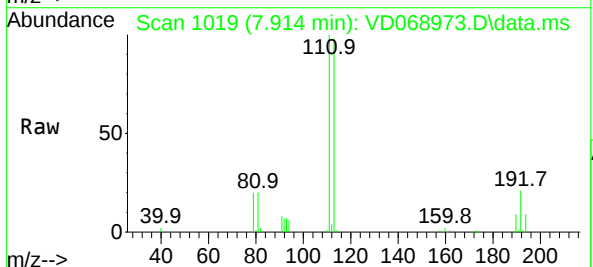
Instrument :
MSVOA_D
ClientSampled :

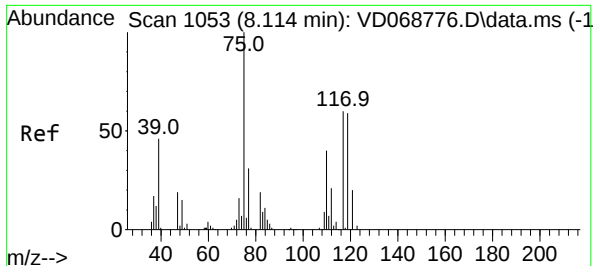
Tgt Ion:114 Resp: 522953
Ion Ratio Lower Upper
114 100
63 16.6 0.0 38.2
88 15.5 0.0 29.4



#35
Dibromofluoromethane
Concen: 48.31 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068973.D
Acq: 23 Apr 2021 17:53

Tgt Ion:113 Resp: 164335
Ion Ratio Lower Upper
113 100
111 99.7 82.5 123.7
192 20.1 15.1 22.7



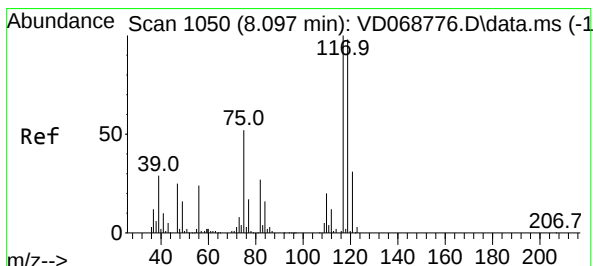
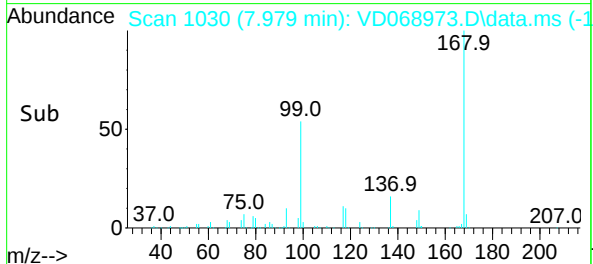
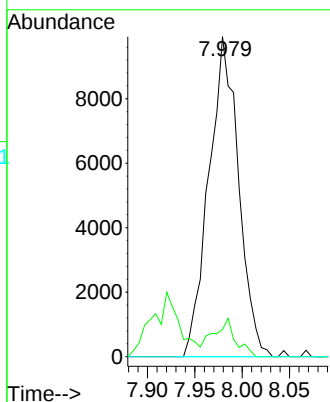
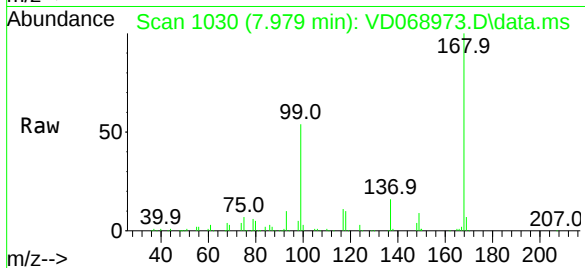


#36

1,1-Dichloropropene
Concen: 4.10 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068973.D
Acq: 23 Apr 2021 17:53

Instrument :
MSVOA_D
ClientSampled :

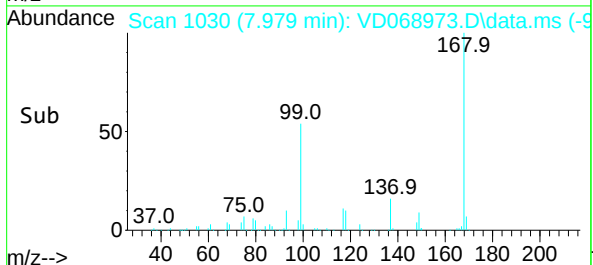
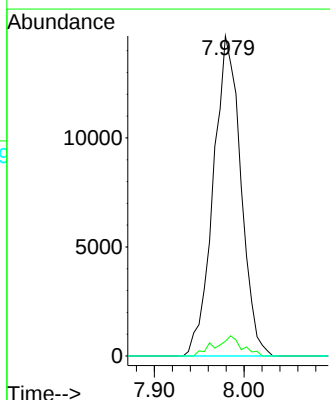
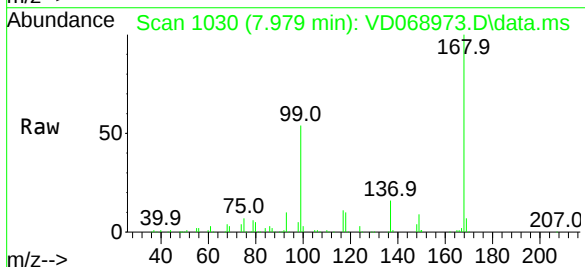
Tgt Ion: 75 Resp: 21698
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.4#
77 0.0 24.7 37.1#

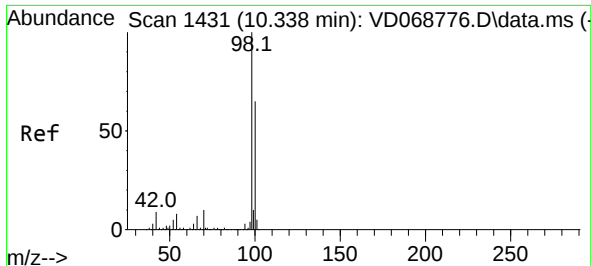


#38

Carbon Tetrachloride
Concen: 5.96 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068973.D
Acq: 23 Apr 2021 17:53

Tgt Ion: 117 Resp: 31243
Ion Ratio Lower Upper
117 100
119 4.6 76.6 115.0#
121 0.0 26.1 39.1#

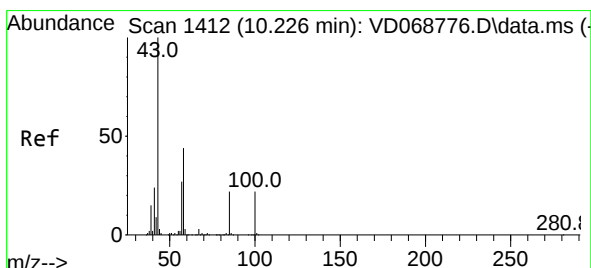
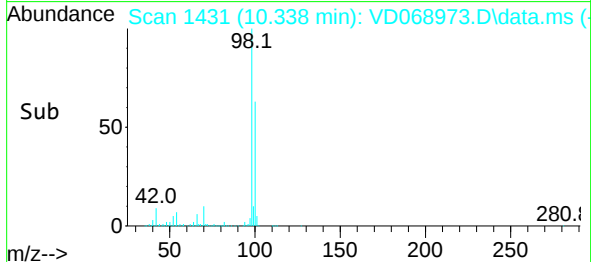
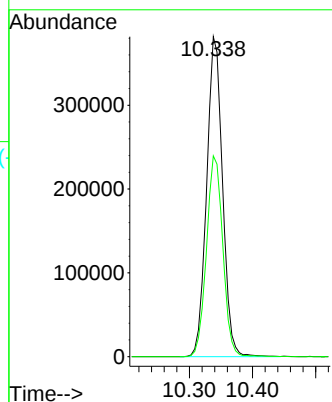
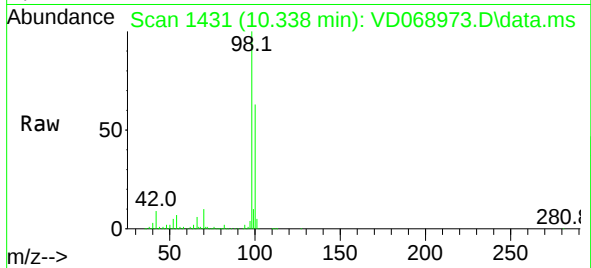




#50
Toluene-d8
Concen: 52.09 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068973.D
Acq: 23 Apr 2021 17:53

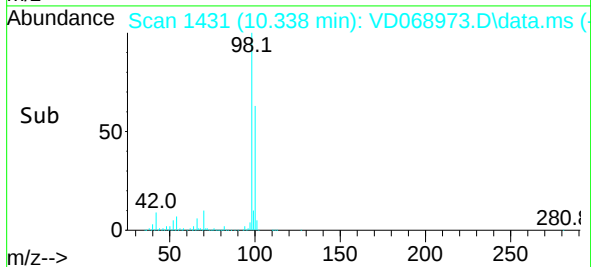
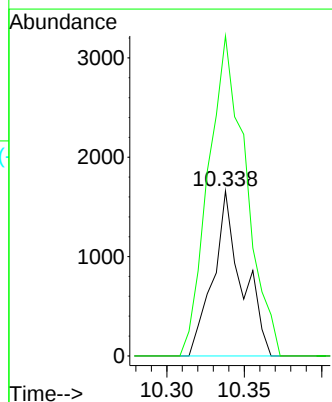
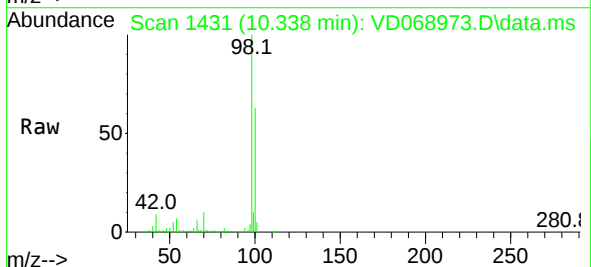
Instrument :
MSVOA_D
ClientSampleId :

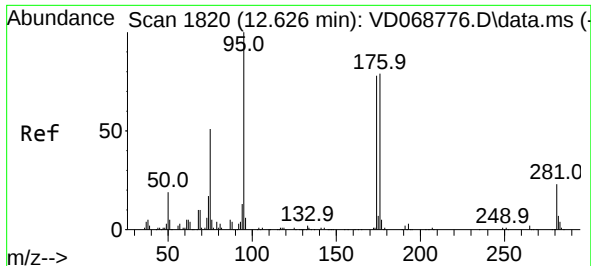
Tgt Ion: 98 Resp: 668469
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.34 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.112 min
Lab File: VD068973.D
Acq: 23 Apr 2021 17:53

Tgt Ion: 43 Resp: 2139
Ion Ratio Lower Upper
43 100
58 253.9 37.3 55.9#

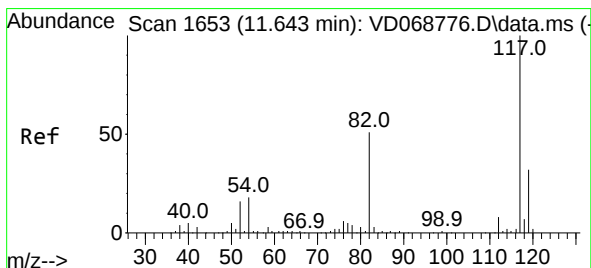
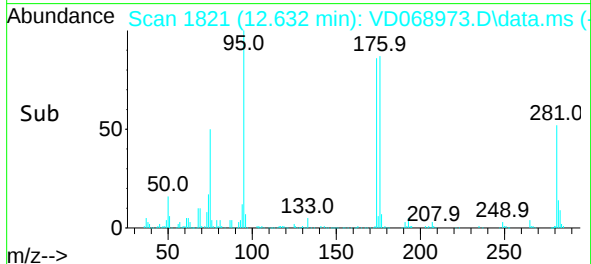
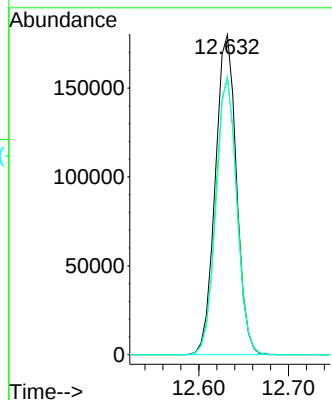
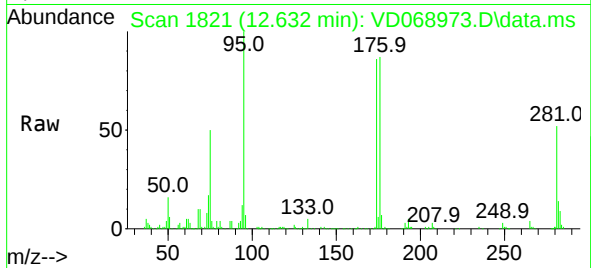




#62
4-Bromofluorobenzene
Concen: 68.98 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068973.D
Acq: 23 Apr 2021 17:53

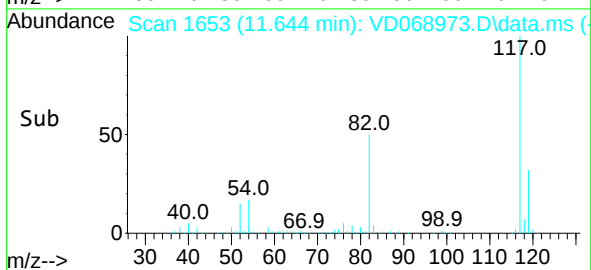
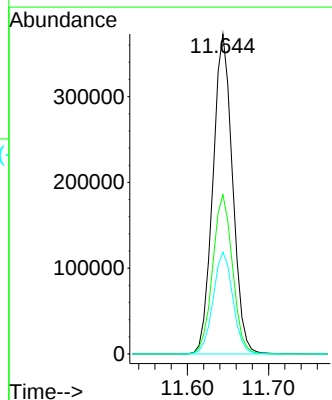
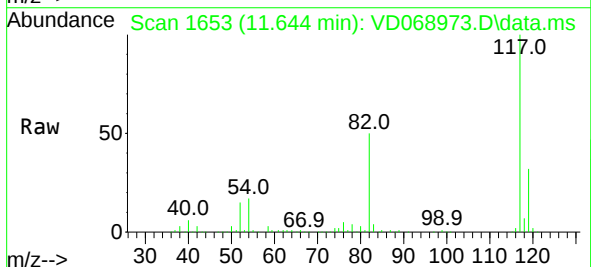
Instrument :
MSVOA_D
ClientSampleId :

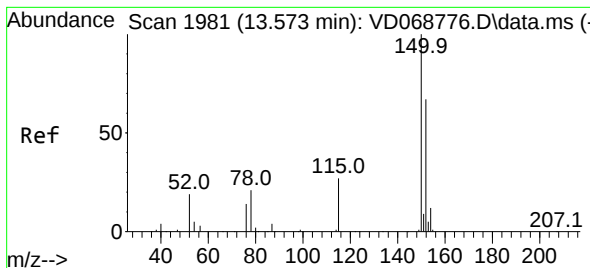
Tgt Ion: 95 Resp: 293965
Ion Ratio Lower Upper
95 100
174 87.4 0.0 168.0
176 85.0 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068973.D
Acq: 23 Apr 2021 17:53

Tgt Ion: 117 Resp: 626953
Ion Ratio Lower Upper
117 100
82 49.7 43.5 65.3
119 31.8 26.7 40.1

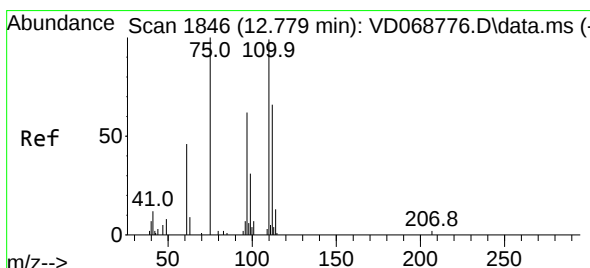
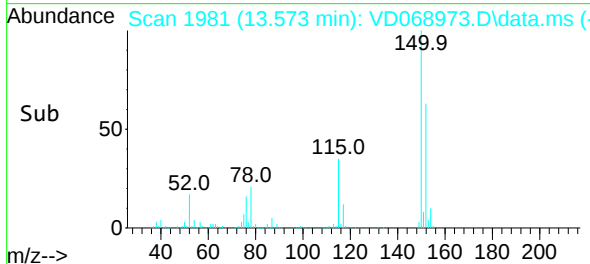
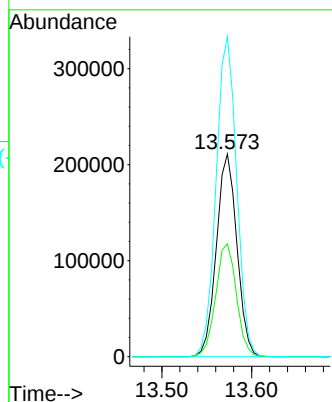
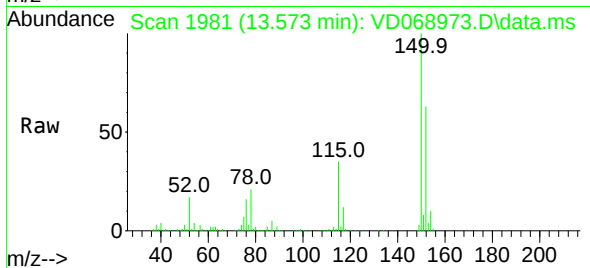




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068973.D
Acq: 23 Apr 2021 17:53

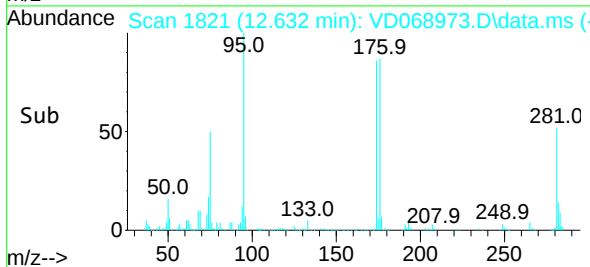
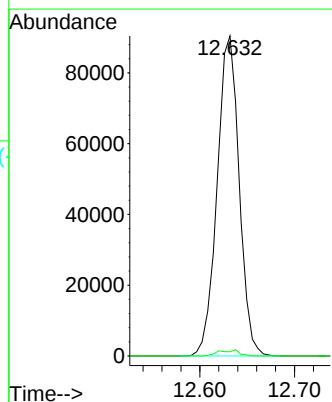
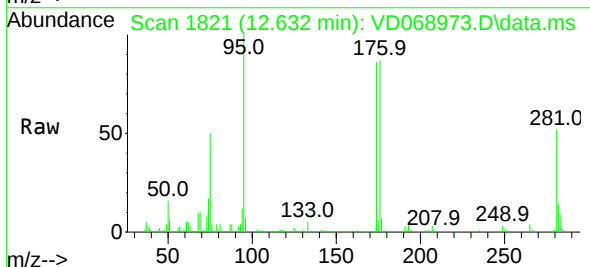
Instrument :
MSVOA_D
ClientSampleId :

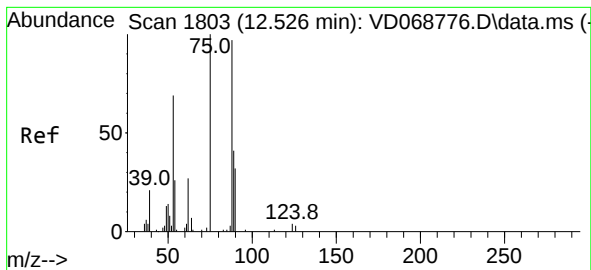
Tgt Ion:152 Resp: 335512
Ion Ratio Lower Upper
152 100
115 56.2 29.3 87.8
150 158.0 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 47.68 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068973.D
Acq: 23 Apr 2021 17:53

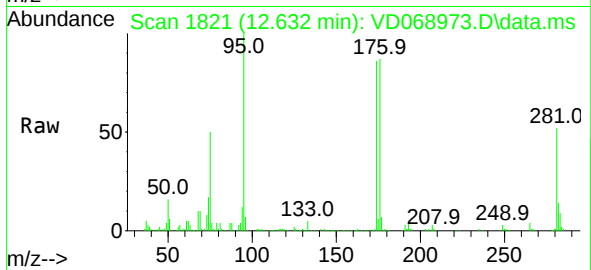
Tgt Ion: 75 Resp: 146156
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.66 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068973.D
 Acq: 23 Apr 2021 17:53

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 146156
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.8 100.2#
 89 0.6 36.6 54.8#

