

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012821\
 Data File : VD068218.D
 Acq On : 28 Jan 2021 12:56
 Operator : VA/SY
 Sample : M1250-02
 Misc : 5.11G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T1-CONTAINMENT

Quant Time: Jan 29 00:08:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

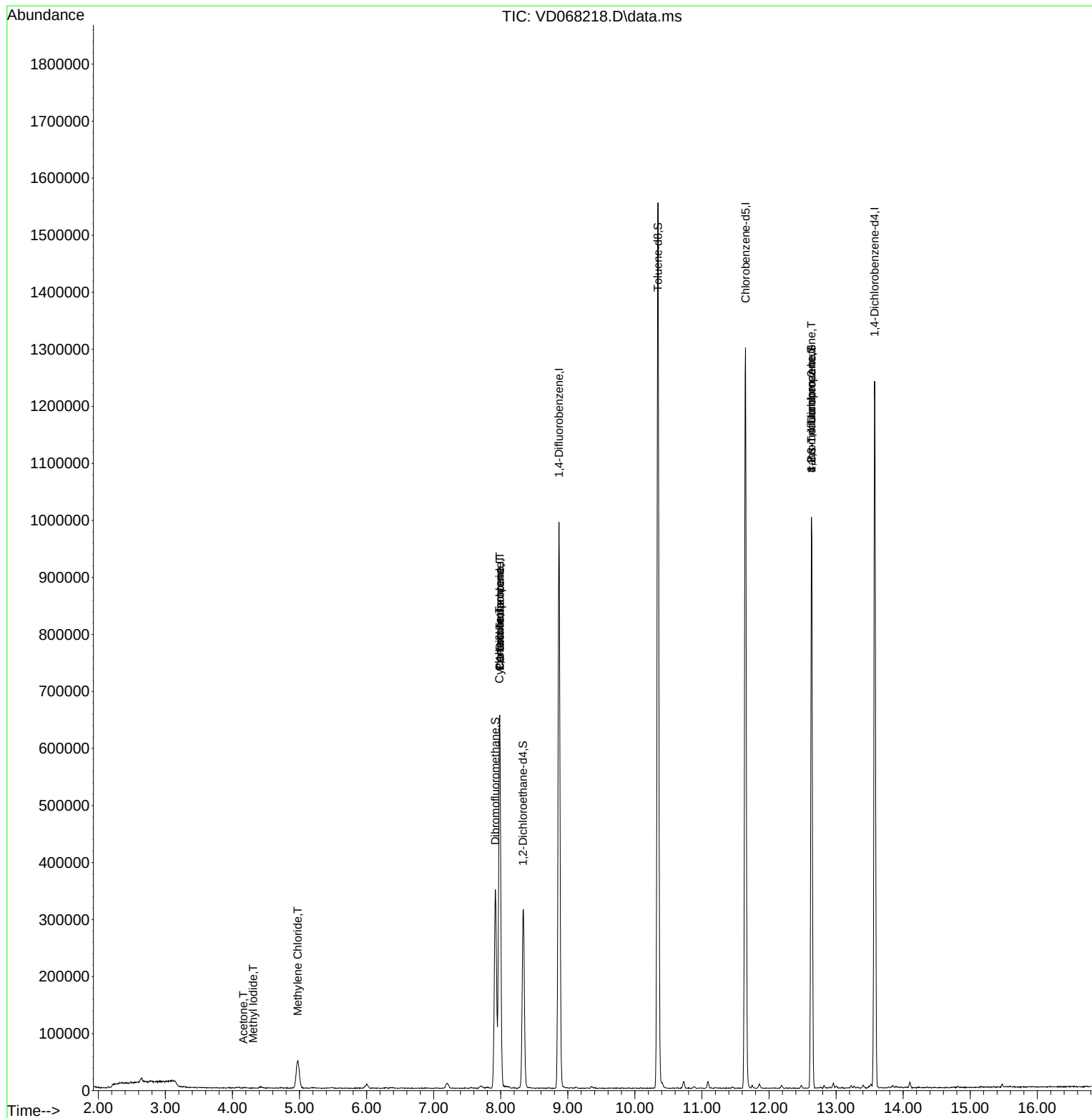
Internal Standards						
1) Pentafluorobenzene	7.985	168	492646	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	875591	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	772816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	333499	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	256499	54.43	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.86%
35) Dibromofluoromethane	7.920	113	254805	52.64	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.28%
50) Toluene-d8	10.344	98	1078443	55.70	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.40%
62) 4-Bromofluorobenzene	12.632	95	340335	48.81	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.62%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.309	142	150	3.18	ug/l #	90
11) Tert butyl alcohol	5.185	59	914	Below Cal	#	74
16) Acetone	4.162	43	1793	2.13	ug/l #	44
20) Methylene Chloride	4.973	84	40933	3.22	ug/l	88
31) Cyclohexane	7.979	56	11171	1.09	ug/l #	6
36) 1,1-Dichloropropene	7.985	75	40536	4.59	ug/l #	47
38) Carbon Tetrachloride	7.985	117	50883	6.16	ug/l #	14
76) 1,2,3-Trichloropropane	12.632	75	174774	54.20	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	174774	109.68	ug/l #	13

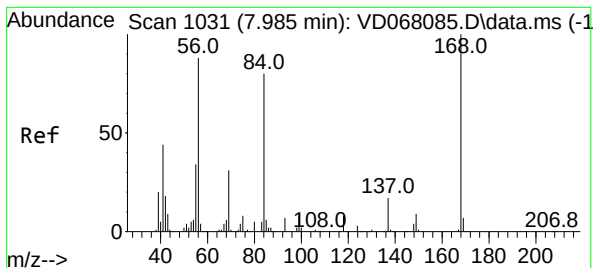
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

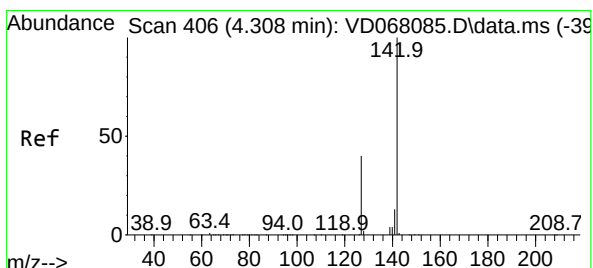
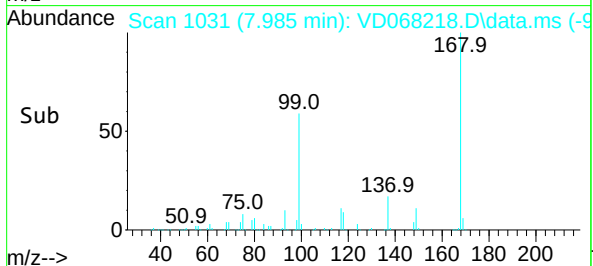
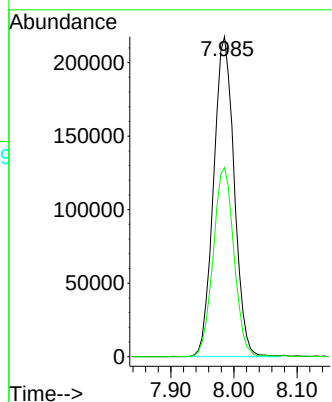
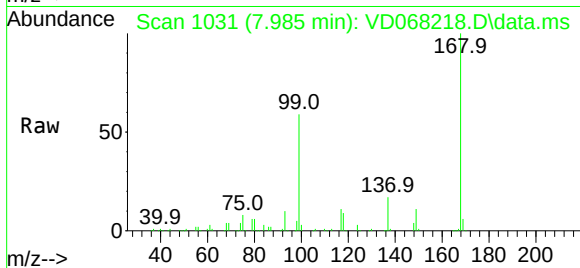




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068218.D
Acq: 28 Jan 2021 12:56

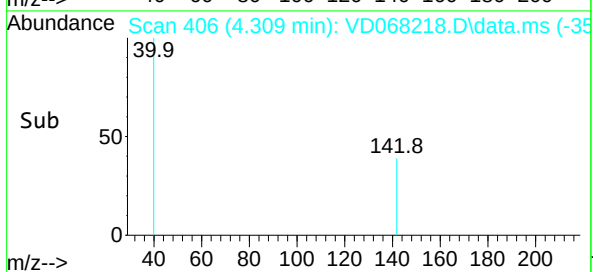
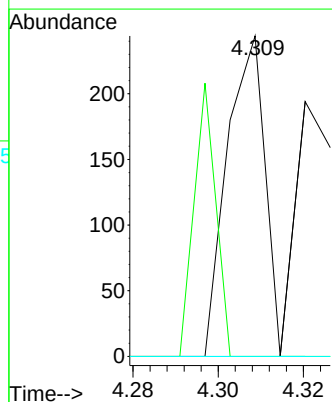
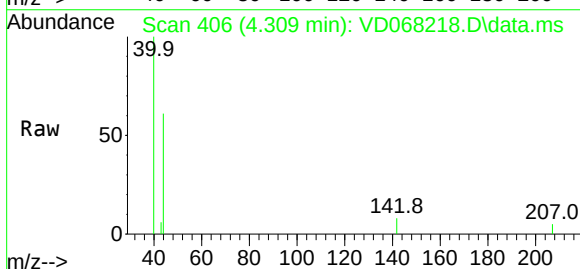
Instrument :
MSVOA_D
ClientSampleId :
T1-CONTAINMENT

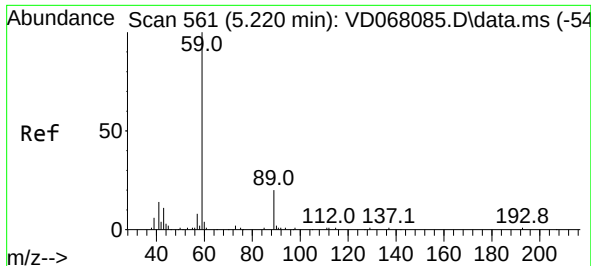
Tgt Ion:168 Resp: 492646
Ion Ratio Lower Upper
168 100
99 59.0 43.5 65.3



#10
Methyl Iodide
Concen: 3.18 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.001 min
Lab File: VD068218.D
Acq: 28 Jan 2021 12:56

Tgt Ion:142 Resp: 150
Ion Ratio Lower Upper
142 100
127 48.7 37.9 56.9
141 0.0 11.5 17.3#



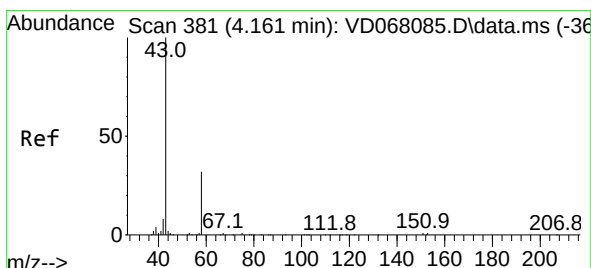
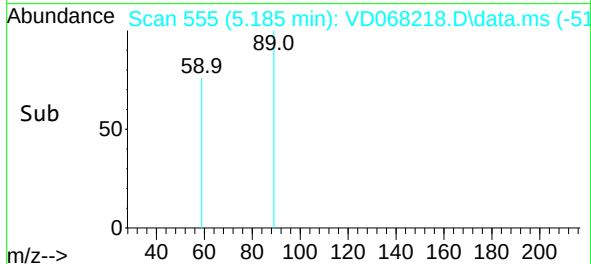
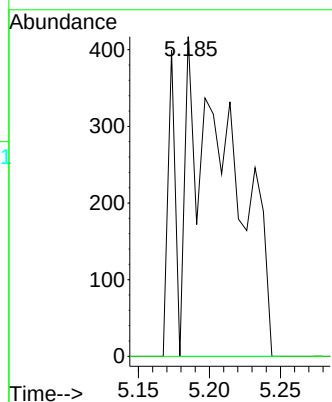
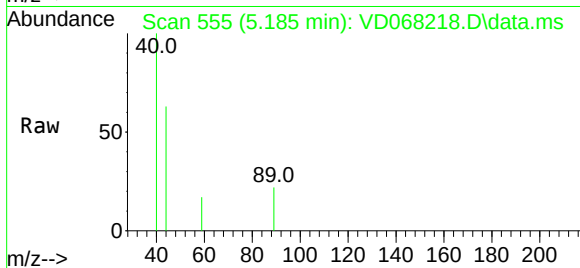


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.185 min Scan# 555
Delta R.T. -0.035 min
Lab File: VD068218.D
Acq: 28 Jan 2021 12:56

Instrument :
MSVOA_D
ClientSampleId :
T1-CONTAINMENT

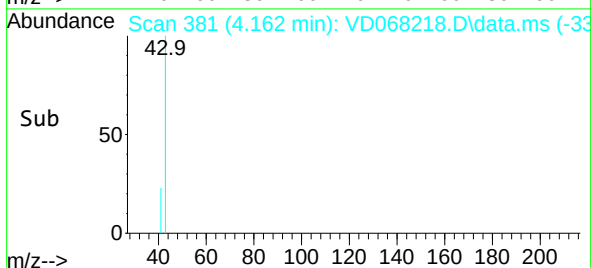
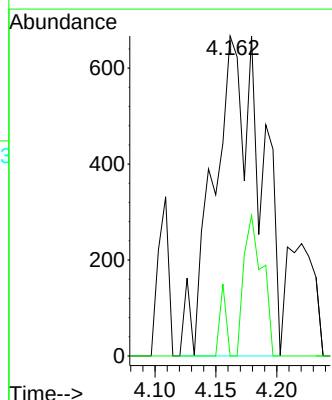
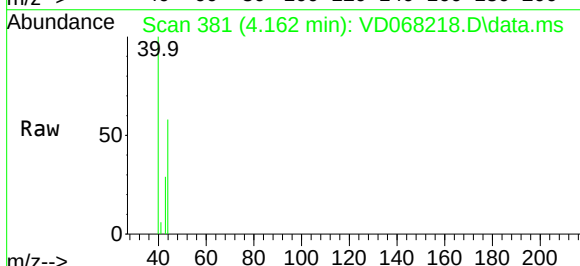
Tgt Ion: 59 Resp: 914
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

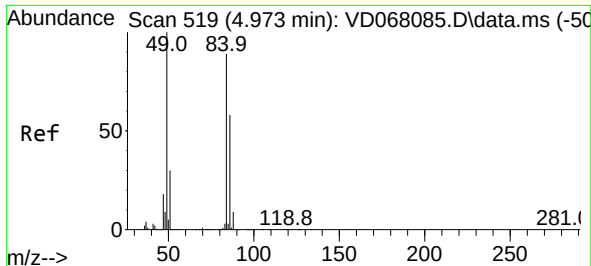


#16

Acetone
Concen: 2.13 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068218.D
Acq: 28 Jan 2021 12:56

Tgt Ion: 43 Resp: 1793
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#

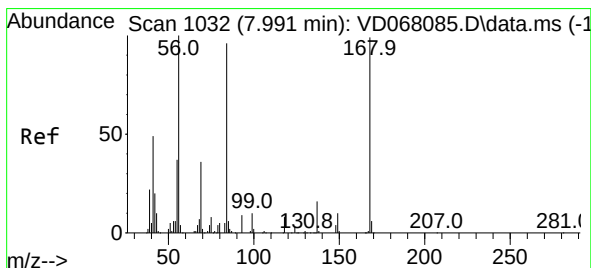
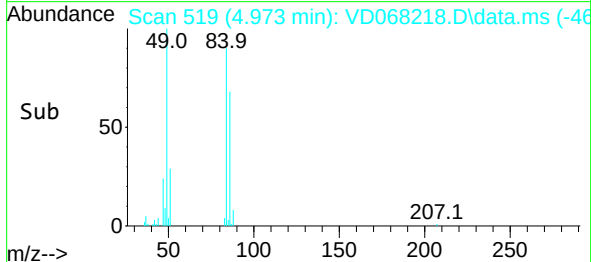
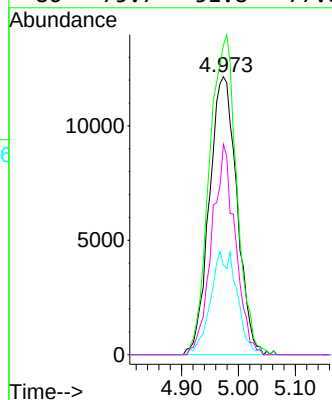
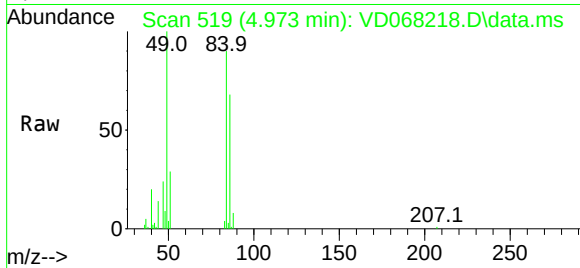




#20
Methylene Chloride
Concen: 3.22 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068218.D
Acq: 28 Jan 2021 12:56

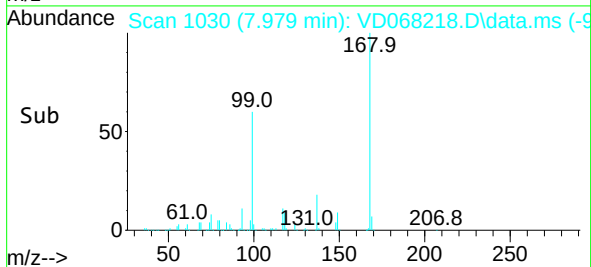
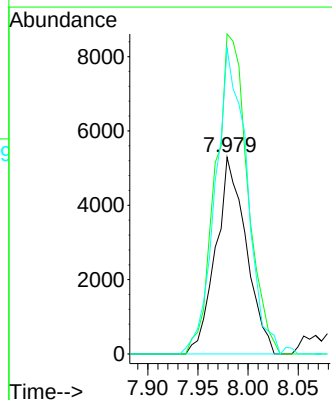
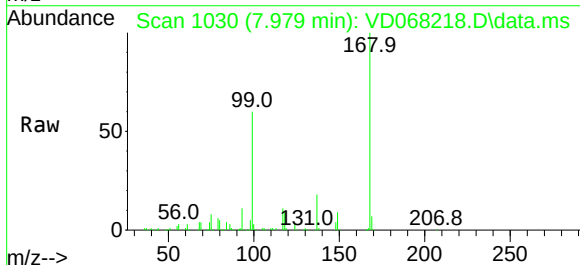
Instrument :
MSVOA_D
ClientSampleId :
T1-CONTAINMENT

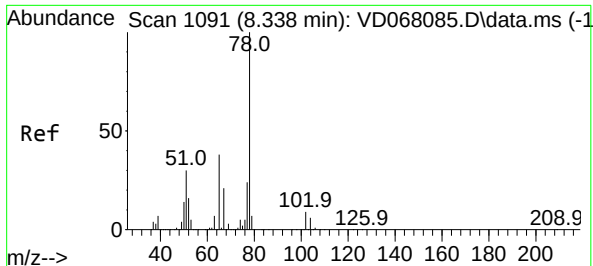
Tgt Ion:	84	Resp:	40933
Ion	Ratio	Lower	Upper
84	100		
49	111.3	77.4	116.2
51	32.2	26.1	39.1
86	75.7	51.8	77.8



#31
Cyclohexane
Concen: 1.09 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD068218.D
Acq: 28 Jan 2021 12:56

Tgt Ion:	56	Resp:	11171
Ion	Ratio	Lower	Upper
56	100		
69	162.7	30.1	45.1#
84	155.5	82.1	123.1#

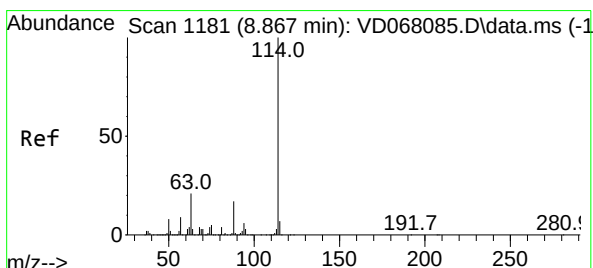
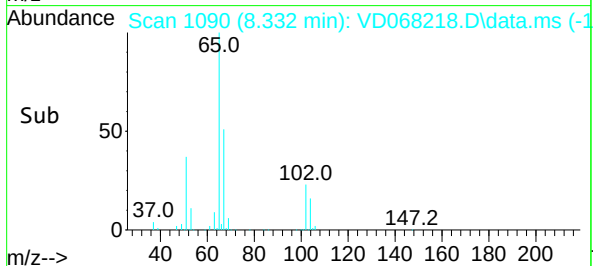
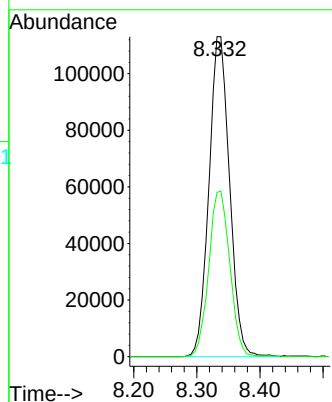
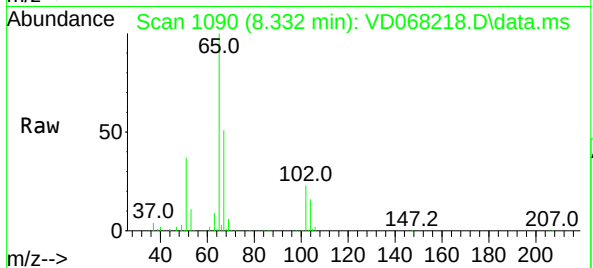




#33
1,2-Dichloroethane-d4
Concen: 54.43 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068218.D
Acq: 28 Jan 2021 12:56

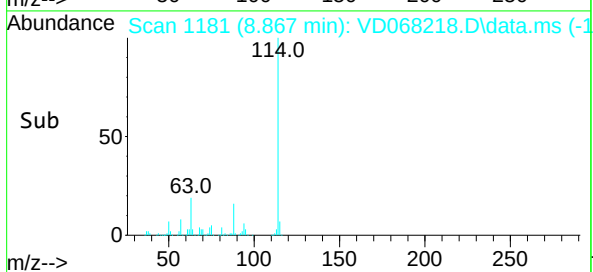
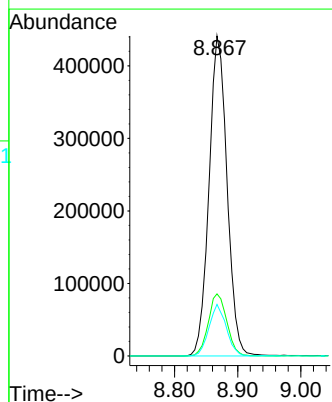
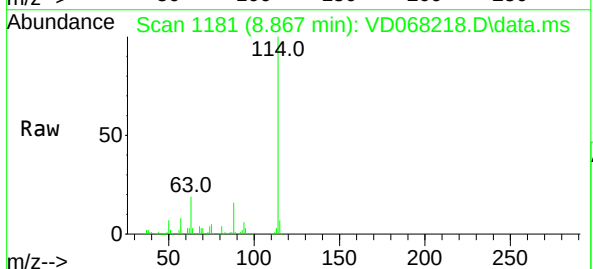
Instrument :
MSVOA_D
ClientSampleId :
T1-CONTAINMENT

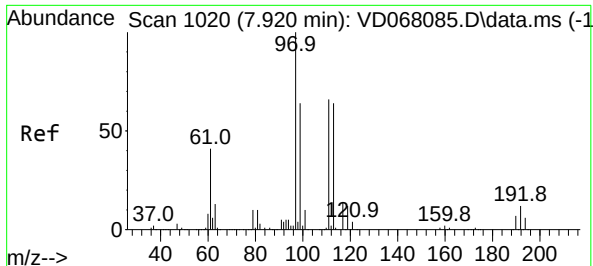
Tgt Ion: 65 Resp: 256499
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068218.D
Acq: 28 Jan 2021 12:56

Tgt Ion: 114 Resp: 875591
Ion Ratio Lower Upper
114 100
63 19.4 0.0 34.8
88 16.1 0.0 31.6



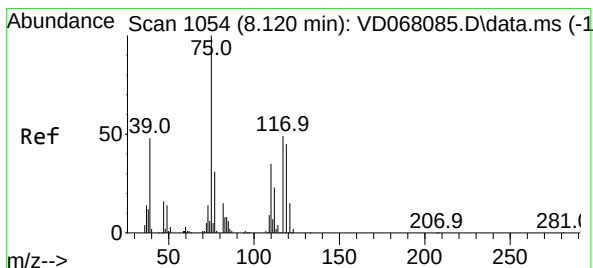
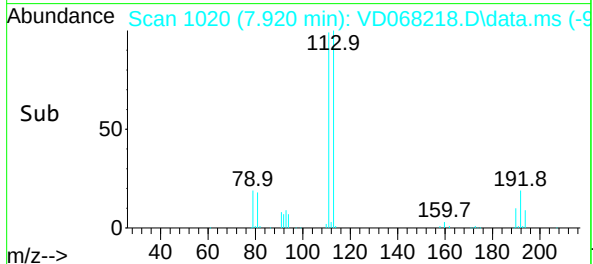
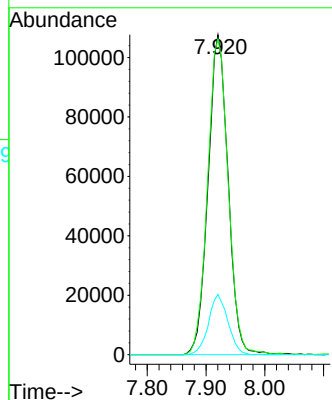
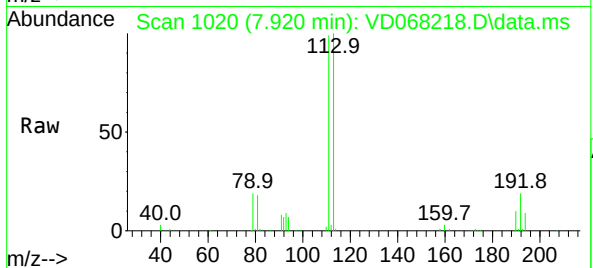


#35

Dibromofluoromethane
Concen: 52.64 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068218.D
Acq: 28 Jan 2021 12:56

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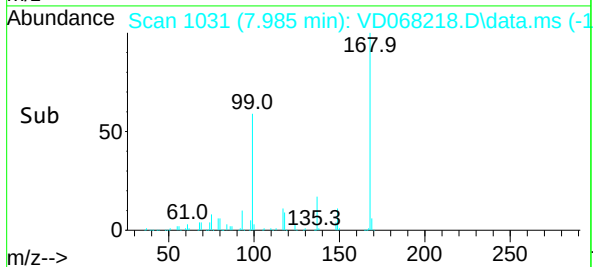
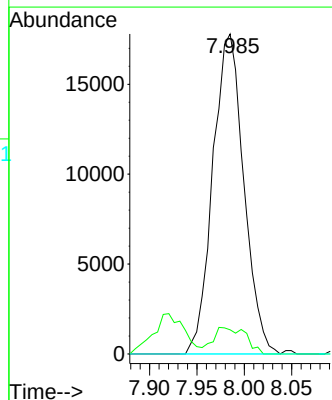
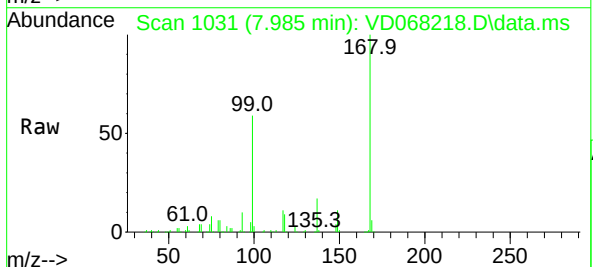
Tgt Ion:113 Resp: 254805
Ion Ratio Lower Upper
113 100
111 101.6 81.4 122.0
192 18.3 16.1 24.1

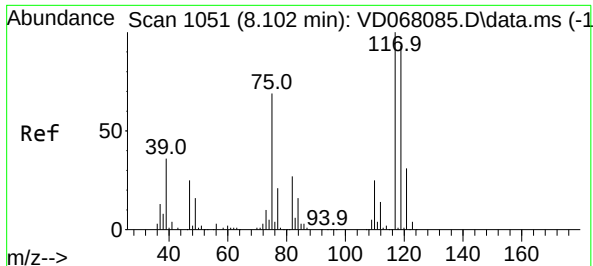


#36

1,1-Dichloropropene
Concen: 4.59 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.135 min
Lab File: VD068218.D
Acq: 28 Jan 2021 12:56

Tgt Ion: 75 Resp: 40536
Ion Ratio Lower Upper
75 100
110 8.6 19.4 58.2#
77 0.0 25.3 37.9#

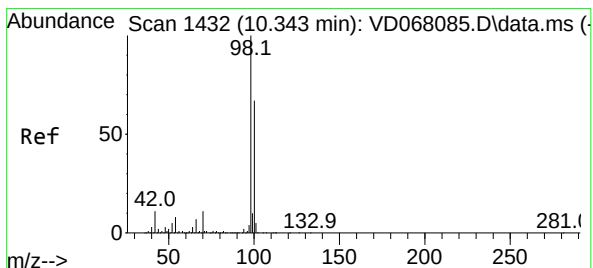
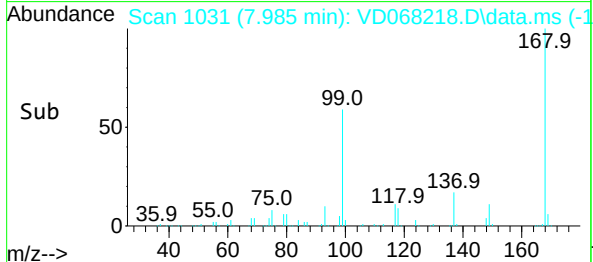
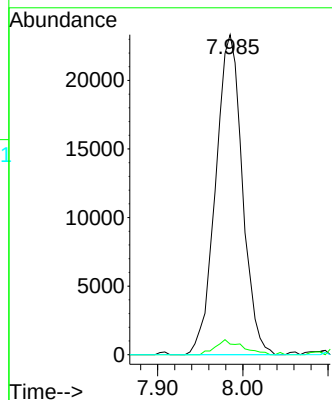
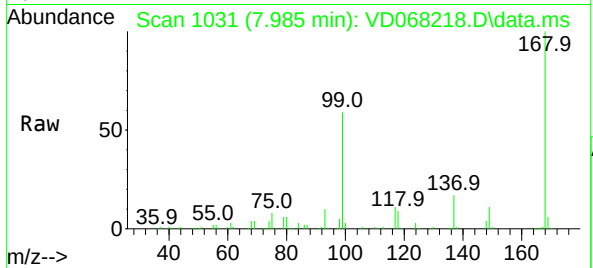




#38
Carbon Tetrachloride
Concen: 6.16 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.117 min
Lab File: VD068218.D
Acq: 28 Jan 2021 12:56

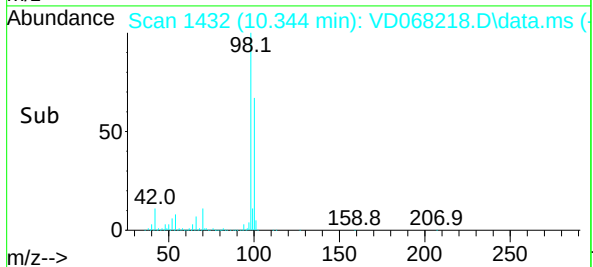
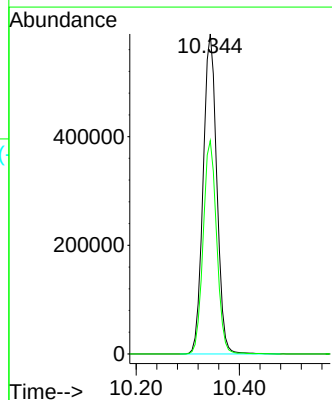
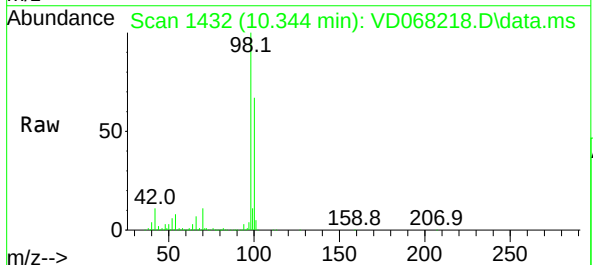
Instrument :
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ClientSampleId :
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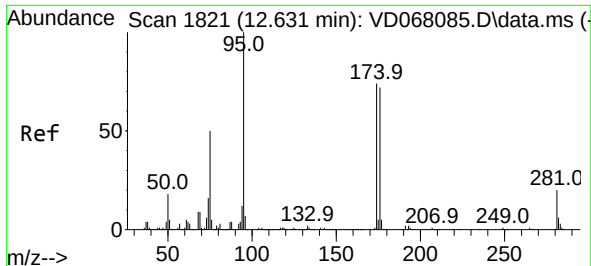
Tgt Ion:117 Resp: 50883
Ion Ratio Lower Upper
117 100
119 3.3 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 55.70 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068218.D
Acq: 28 Jan 2021 12:56

Tgt Ion: 98 Resp: 1078443
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.4

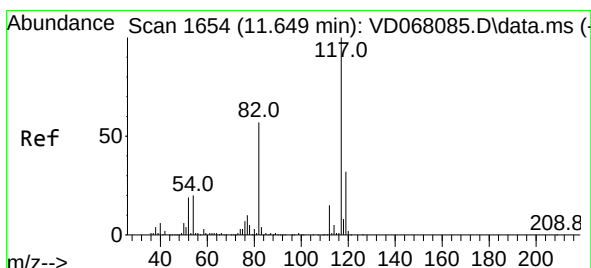
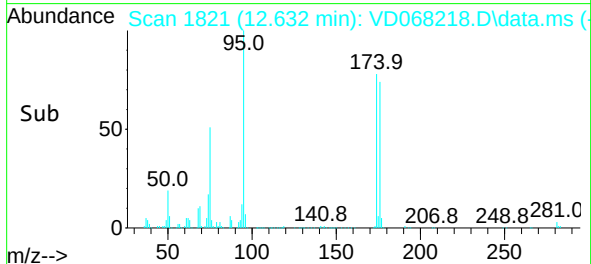
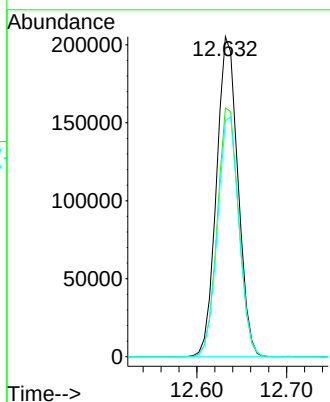
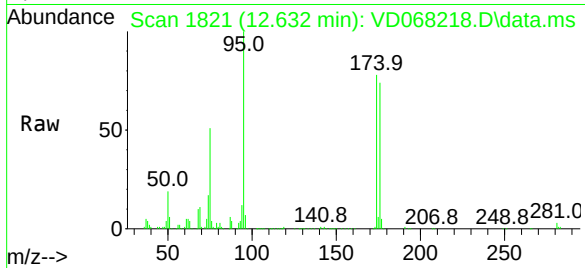




#62
4-Bromofluorobenzene
Concen: 48.81 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068218.D
Acq: 28 Jan 2021 12:56

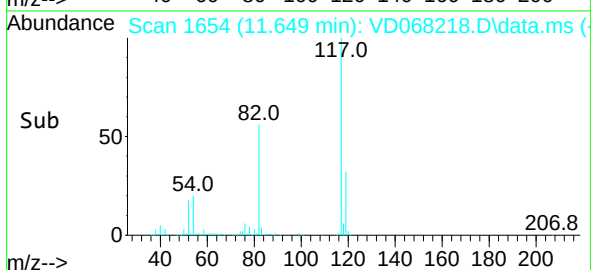
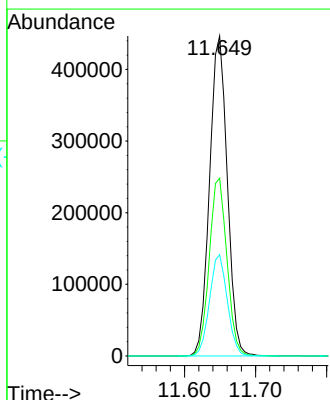
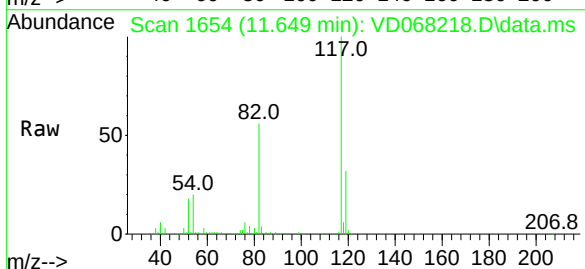
Instrument :
MSVOA_D
ClientSampleId :
T1-CONTAINMENT

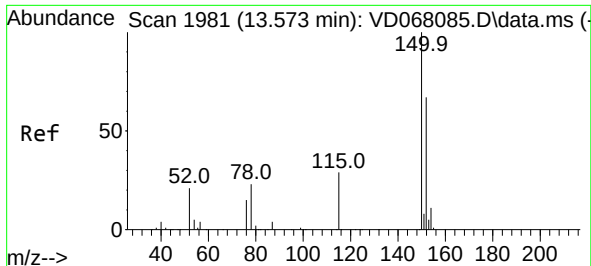
Tgt Ion: 95 Resp: 340335
Ion Ratio Lower Upper
95 100
174 77.6 0.0 172.4
176 75.3 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068218.D
Acq: 28 Jan 2021 12:56

Tgt Ion: 117 Resp: 772816
Ion Ratio Lower Upper
117 100
82 55.6 41.4 62.0
119 31.6 26.1 39.1

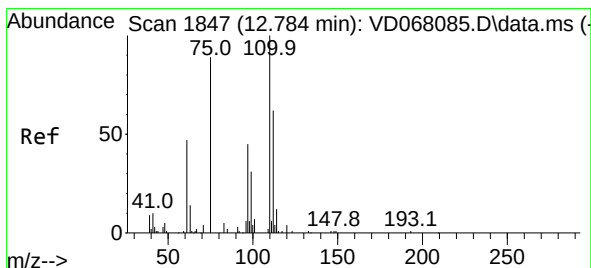
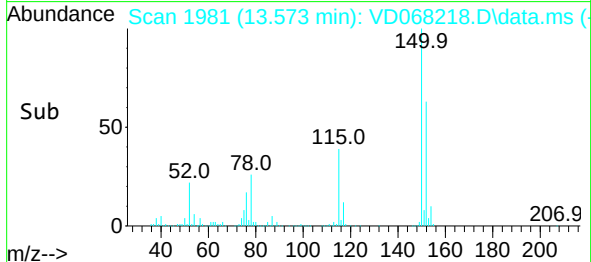
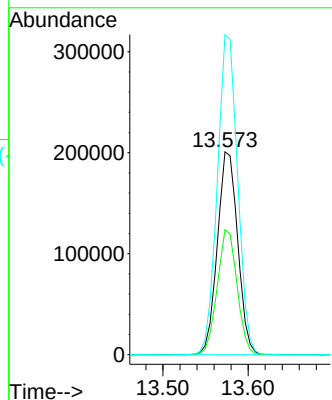
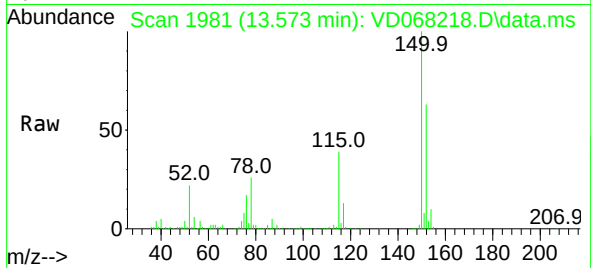




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068218.D
Acq: 28 Jan 2021 12:56

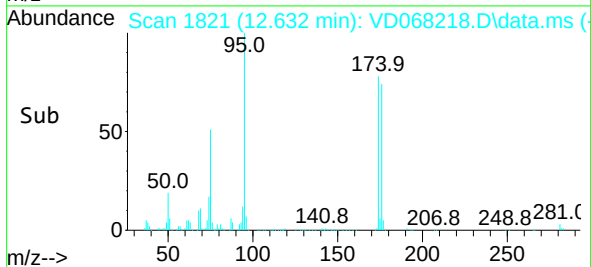
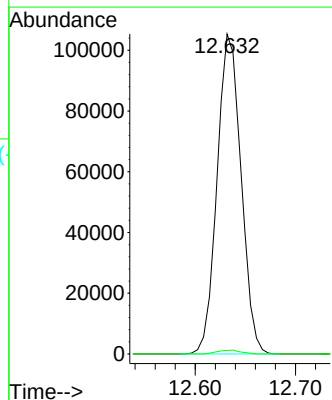
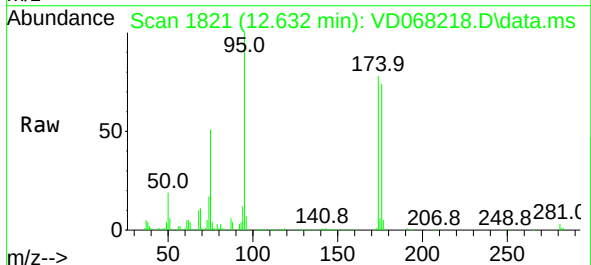
Instrument :
MSVOA_D
ClientSampleId :
T1-CONTAINMENT

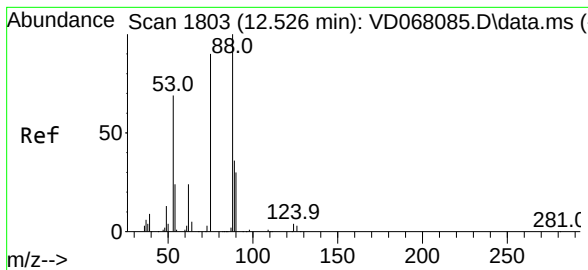
Tgt Ion:152 Resp: 333499
Ion Ratio Lower Upper
152 100
115 60.0 28.9 86.8
150 157.2 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 54.20 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068218.D
Acq: 28 Jan 2021 12:56

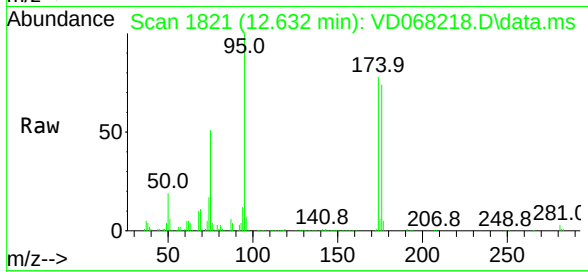
Tgt Ion: 75 Resp: 174774
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 109.68 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068218.D
 Acq: 28 Jan 2021 12:56

Instrument :
 MSVOA_D
 ClientSampleId :
 T1-CONTAINMENT



Tgt Ion: 75 Resp: 174774
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.0 40.3 60.5#

