

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030321\
 Data File : VD068513.D
 Acq On : 03 Mar 2021 15:21
 Operator : VA/SY
 Sample : M1551-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 04 00:04:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

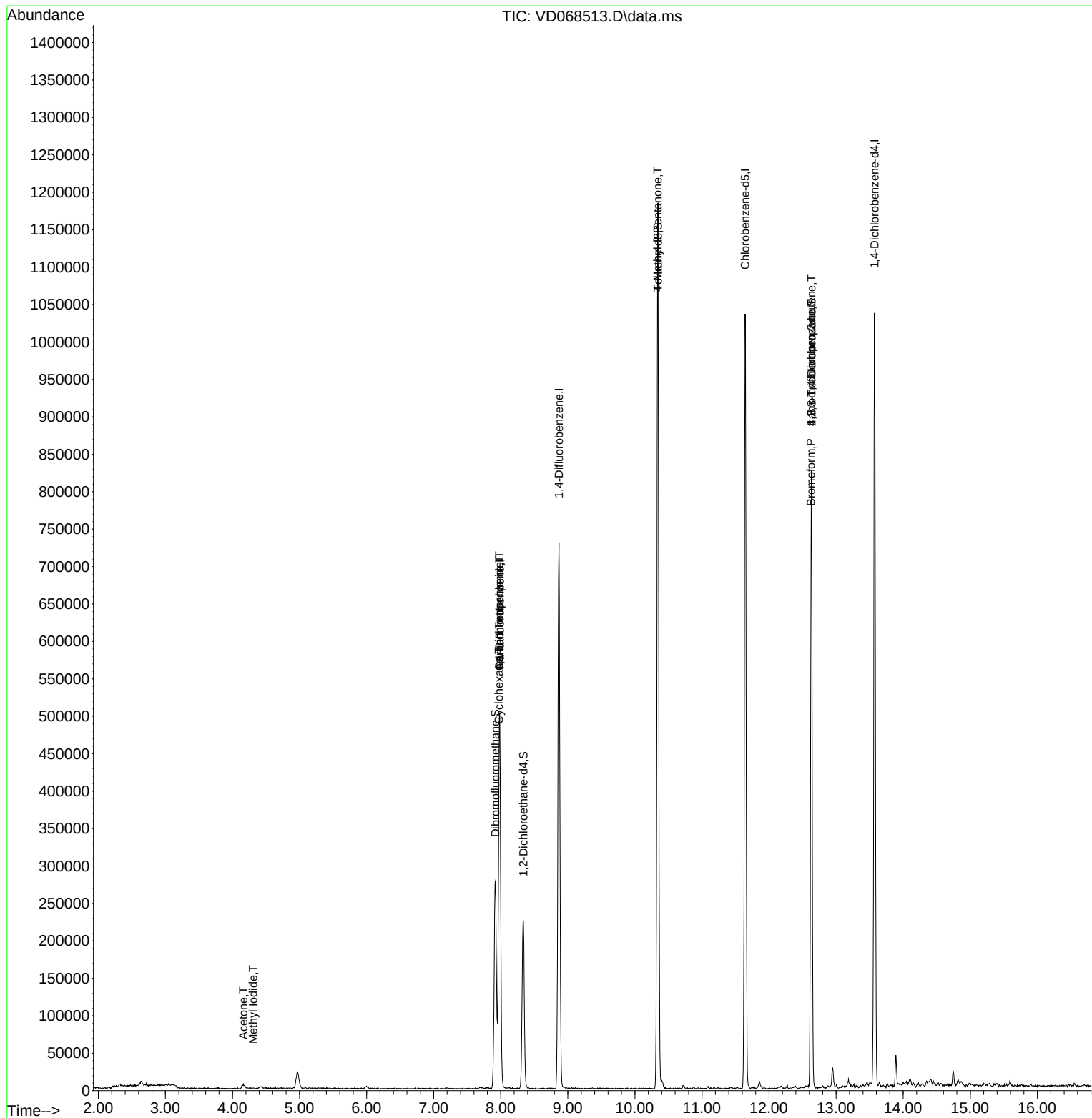
Internal Standards						
1) Pentafluorobenzene	7.985	168	395377	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	672357	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	637201	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	285647	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	185073	46.85	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 93.70%			
35) Dibromofluoromethane	7.920	113	204315	50.44	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.88%			
50) Toluene-d8	10.344	98	838824	52.00	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.00%			
62) 4-Bromofluorobenzene	12.632	95	266599	51.28	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.56%			
Target Compounds						
10) Methyl Iodide	4.309	142	165	2.65	ug/l #	38
16) Acetone	4.162	43	10101	16.10	ug/l	94
20) Methylene Chloride	4.973	84	18278	Below Cal		96
31) Cyclohexane	7.973	56	7629	1.06	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	28879	4.52	ug/l #	43
38) Carbon Tetrachloride	7.979	117	37797	6.29	ug/l #	15
51) 4-Methyl-2-Pentanone	10.338	43	3207	1.57	ug/l #	1
71) Bromoform	12.626	173	2466	1.08	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	135755	53.53	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	135755	124.93	ug/l #	13

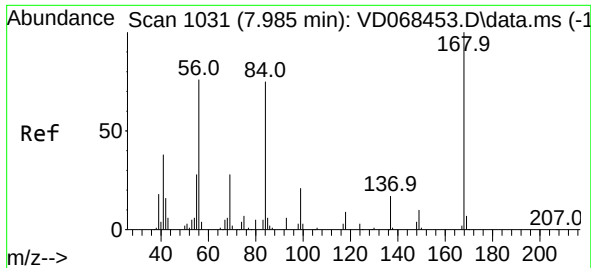
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 04 00:04:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 26 14:04:14 2021
Response via : Initial Calibration

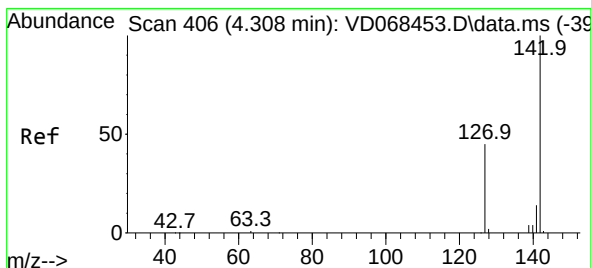
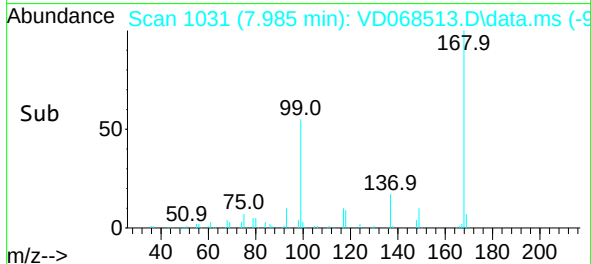
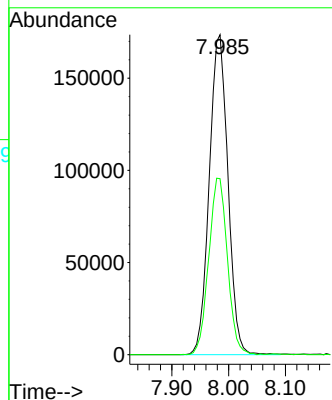
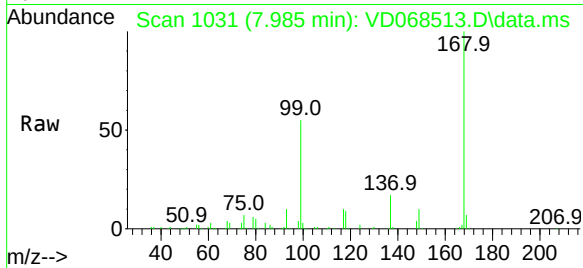




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068513.D
Acq: 03 Mar 2021 15:21

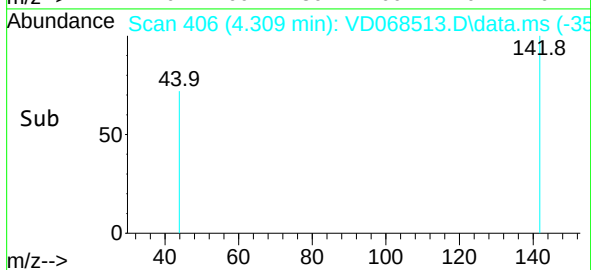
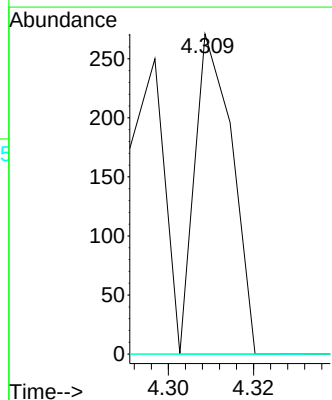
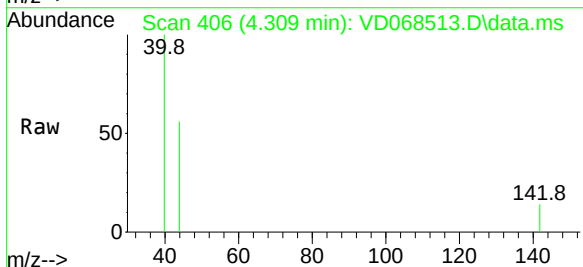
Instrument :
MSVOA_D
ClientSampleId :

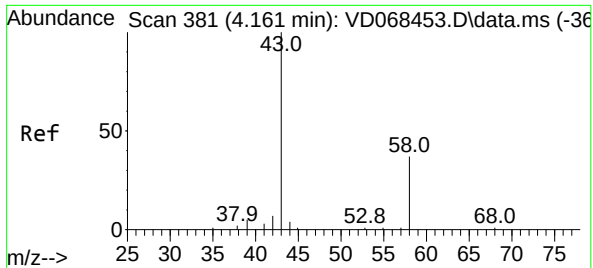
Tgt Ion:168 Resp: 395377
Ion Ratio Lower Upper
168 100
99 55.0 43.5 65.3



#10
Methyl Iodide
Concen: 2.65 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.001 min
Lab File: VD068513.D
Acq: 03 Mar 2021 15:21

Tgt Ion:142 Resp: 165
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#

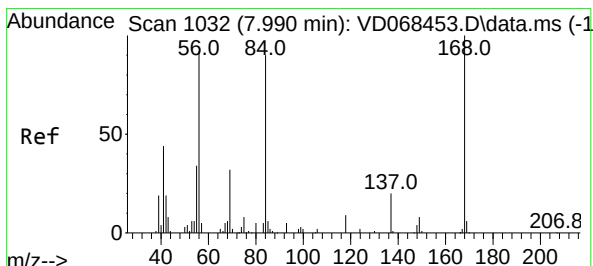
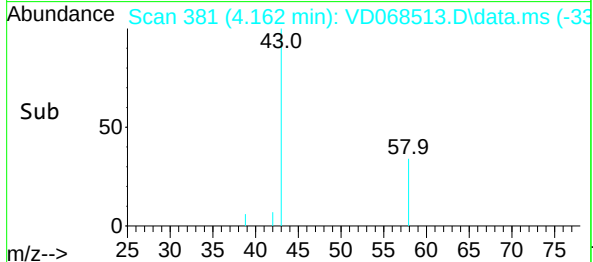
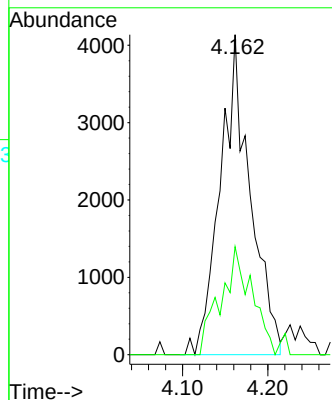
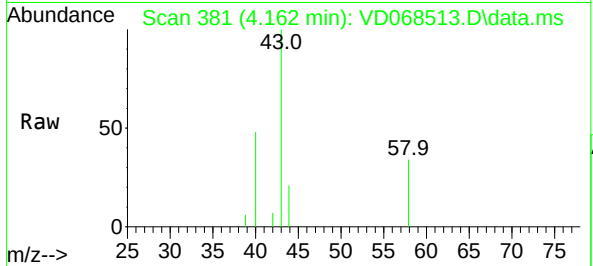




#16
Acetone
Concen: 16.10 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068513.D
Acq: 03 Mar 2021 15:21

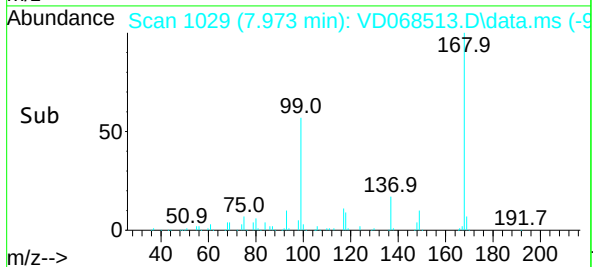
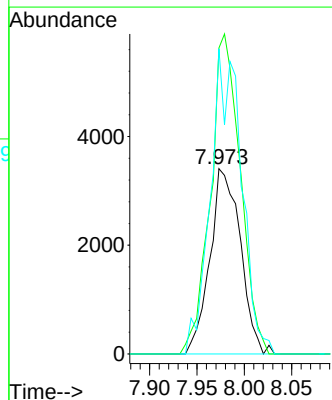
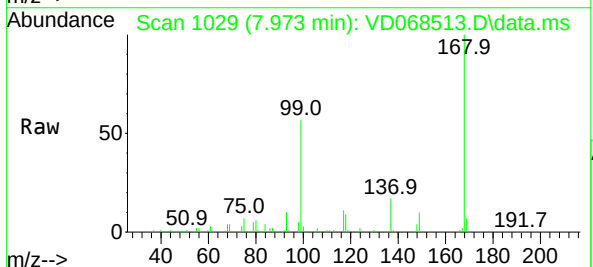
Instrument :
MSVOA_D
ClientSampleId :

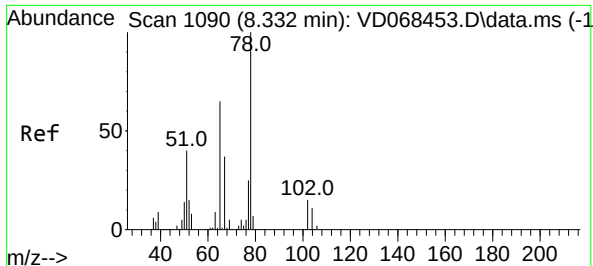
Tgt Ion: 43 Resp: 10101
Ion Ratio Lower Upper
43 100
58 33.8 24.2 36.4



#31
Cyclohexane
Concen: 1.06 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.017 min
Lab File: VD068513.D
Acq: 03 Mar 2021 15:21

Tgt Ion: 56 Resp: 7629
Ion Ratio Lower Upper
56 100
69 165.2 30.1 45.1#
84 164.7 82.1 123.1#

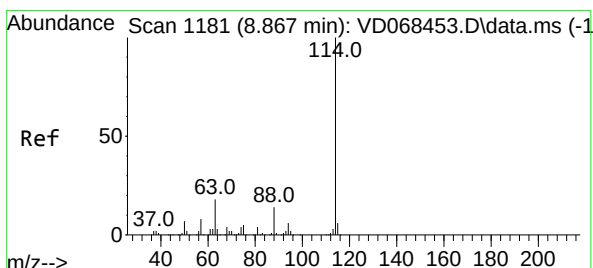
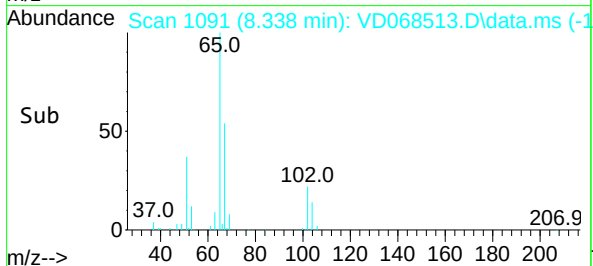
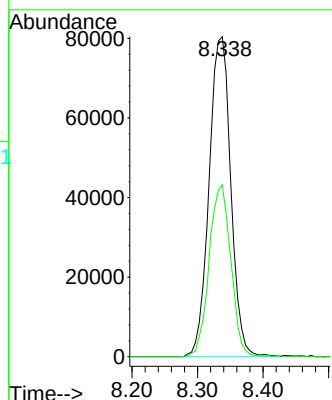
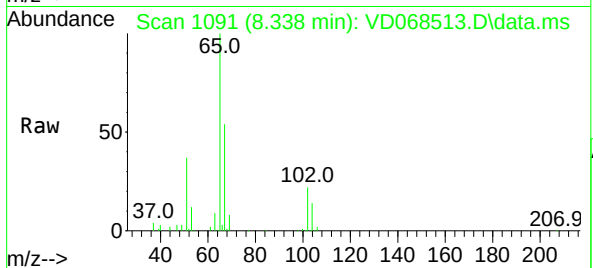




#33
1,2-Dichloroethane-d4
Concen: 46.85 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068513.D
Acq: 03 Mar 2021 15:21

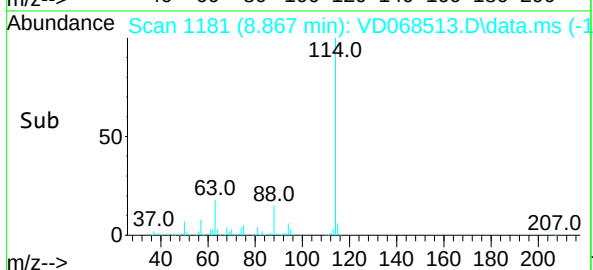
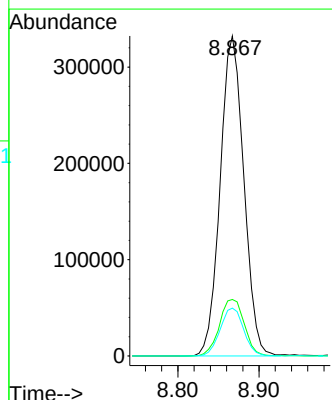
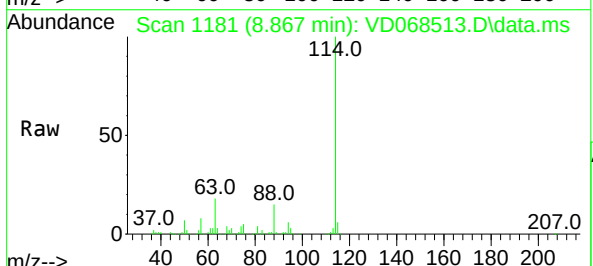
Instrument :
MSVOA_D
ClientSampleId :

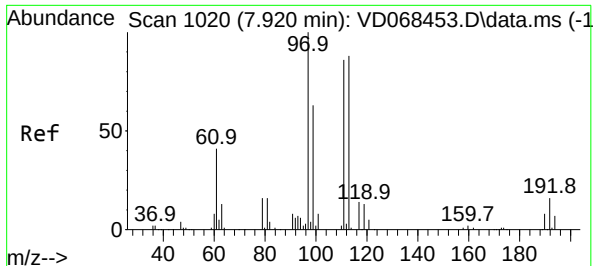
Tgt Ion: 65 Resp: 185073
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068513.D
Acq: 03 Mar 2021 15:21

Tgt Ion: 114 Resp: 672357
Ion Ratio Lower Upper
114 100
63 17.7 0.0 34.8
88 14.9 0.0 31.6





#35

Dibromofluoromethane

Concen: 50.44 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068513.D

Acq: 03 Mar 2021 15:21

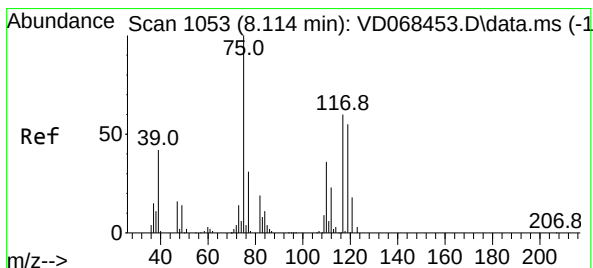
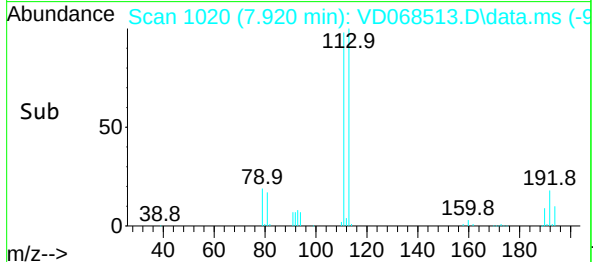
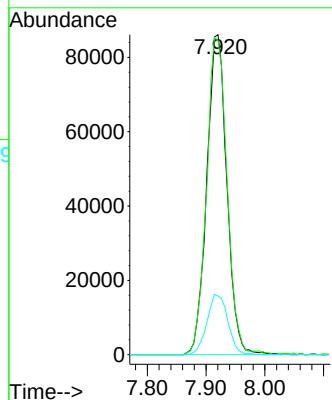
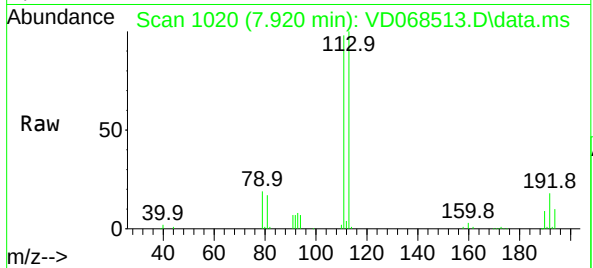
Tgt Ion:113 Resp: 204315

Ion Ratio Lower Upper

113 100

111 101.5 81.4 122.0

192 19.5 16.1 24.1



#36

1,1-Dichloropropene

Concen: 4.52 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD068513.D

Acq: 03 Mar 2021 15:21

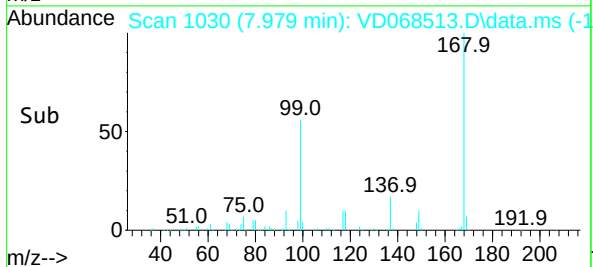
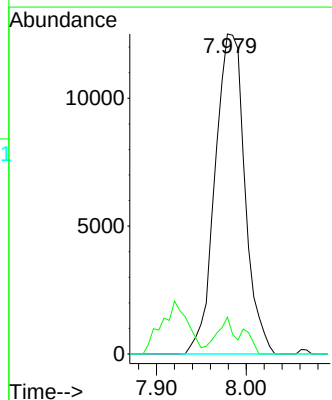
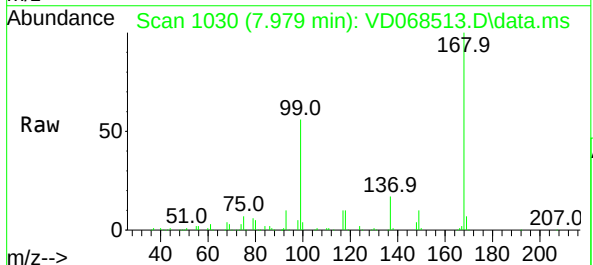
Tgt Ion: 75 Resp: 28879

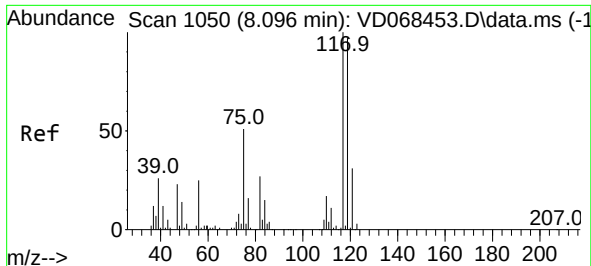
Ion Ratio Lower Upper

75 100

110 4.6 19.4 58.2#

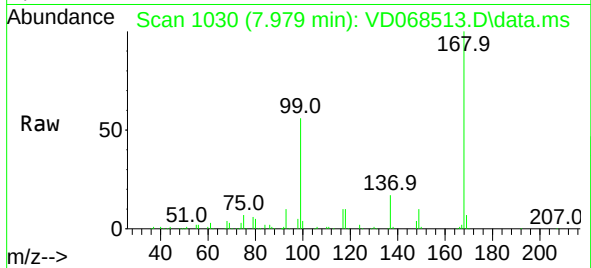
77 0.0 25.3 37.9#



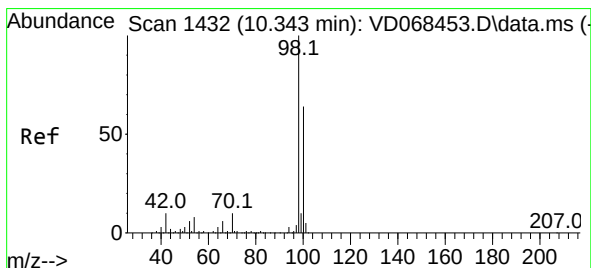
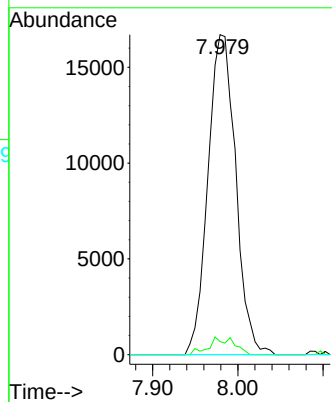
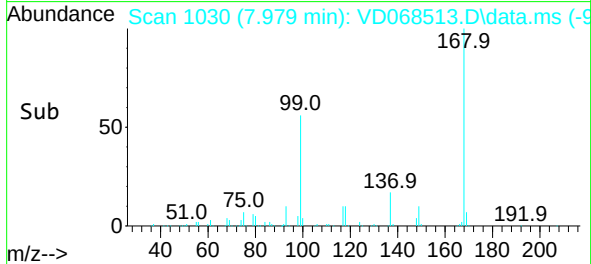


#38
Carbon Tetrachloride
Concen: 6.29 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.117 min
Lab File: VD068513.D
Acq: 03 Mar 2021 15:21

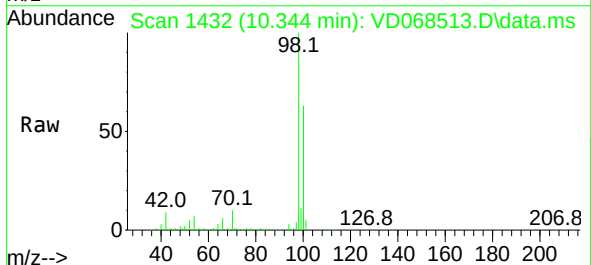
Instrument :
MSVOA_D
ClientSampleId :



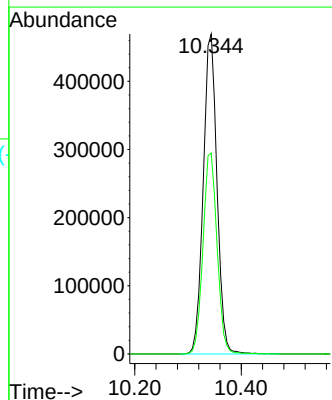
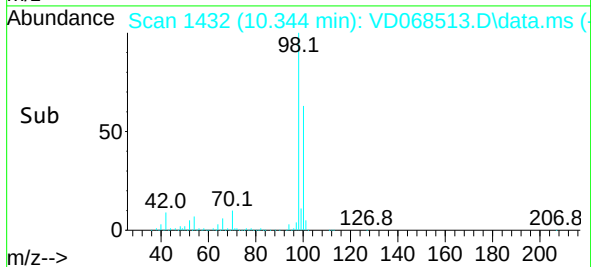
Tgt Ion:117 Resp: 37797
Ion Ratio Lower Upper
117 100
119 4.1 77.3 115.9#
121 0.0 24.7 37.1#

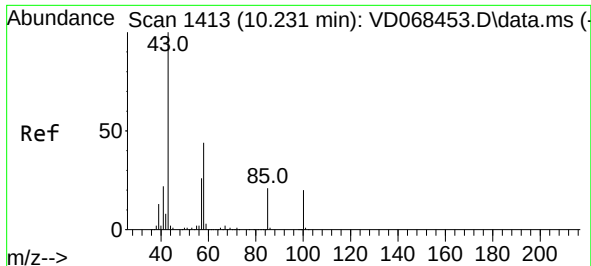


#50
Toluene-d8
Concen: 52.00 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068513.D
Acq: 03 Mar 2021 15:21



Tgt Ion: 98 Resp: 838824
Ion Ratio Lower Upper
98 100
100 64.4 53.0 79.4

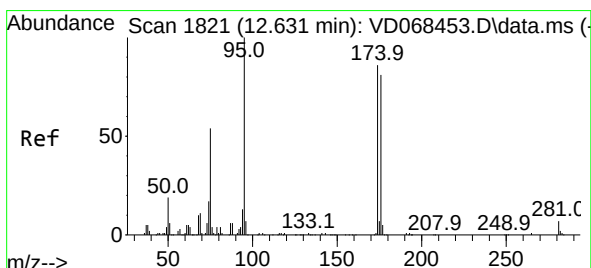
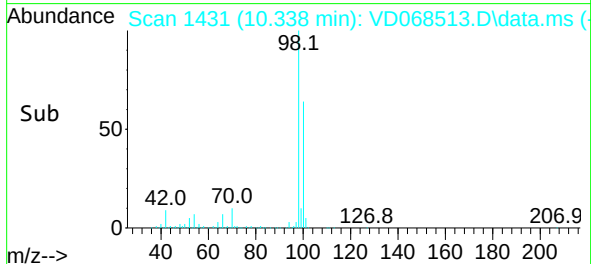
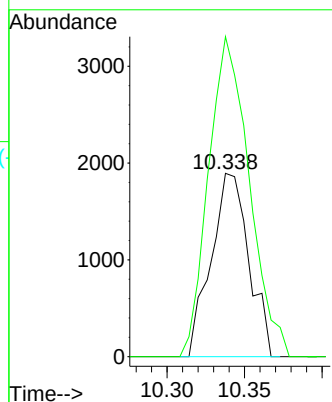
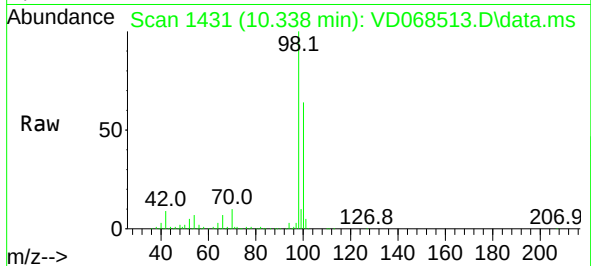




#51
4-Methyl-2-Pentanone
Concen: 1.57 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.106 min
Lab File: VD068513.D
Acq: 03 Mar 2021 15:21

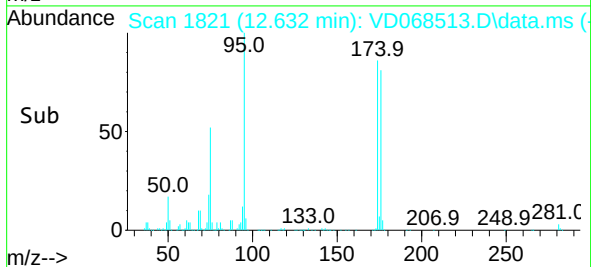
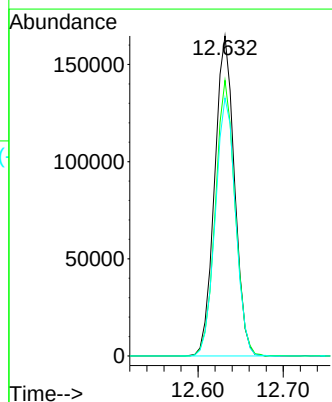
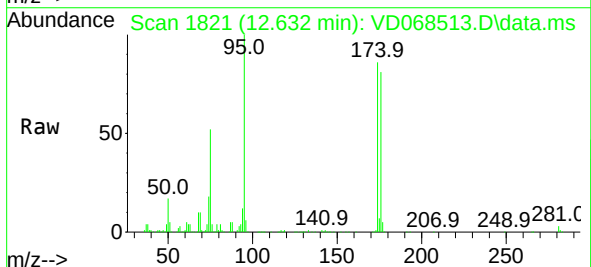
Instrument :
MSVOA_D
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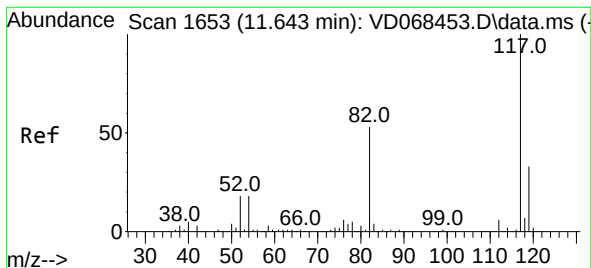
Tgt Ion: 43 Resp: 3207
Ion Ratio Lower Upper
43 100
58 188.3 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 51.28 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068513.D
Acq: 03 Mar 2021 15:21

Tgt Ion: 95 Resp: 266599
Ion Ratio Lower Upper
95 100
174 85.3 0.0 172.4
176 81.9 0.0 168.4

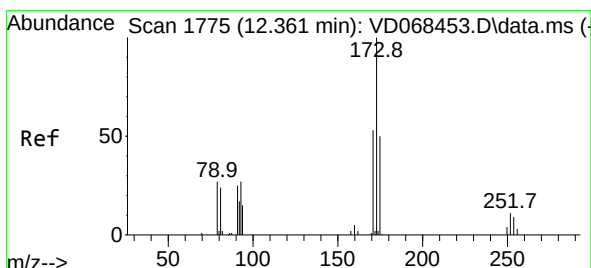
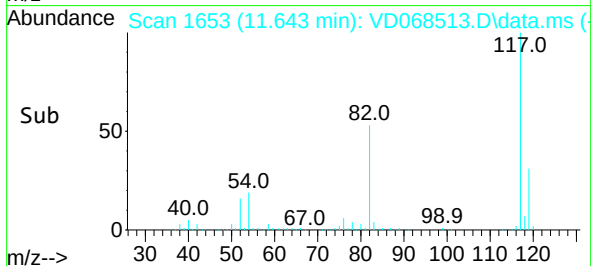
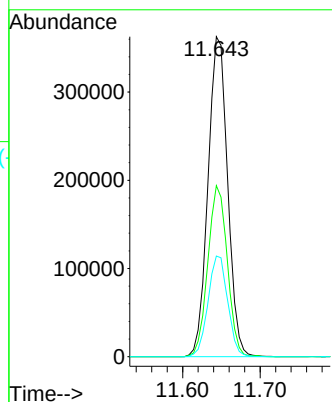
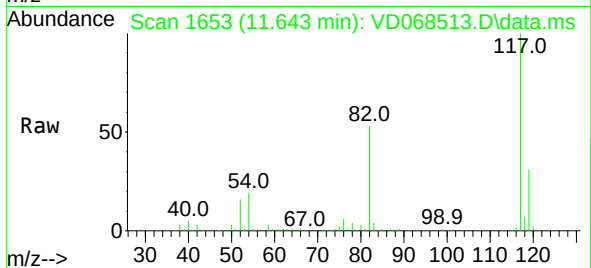




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068513.D
Acq: 03 Mar 2021 15:21

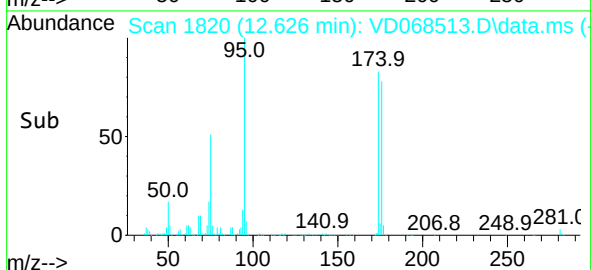
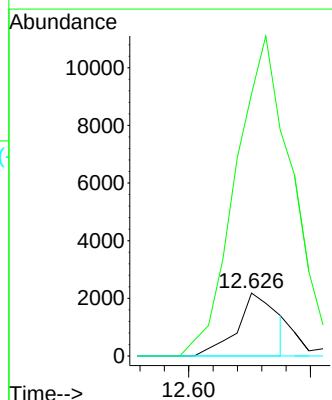
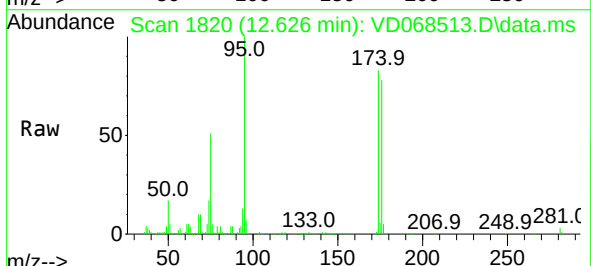
Instrument :
MSVOA_D
ClientSampleId :

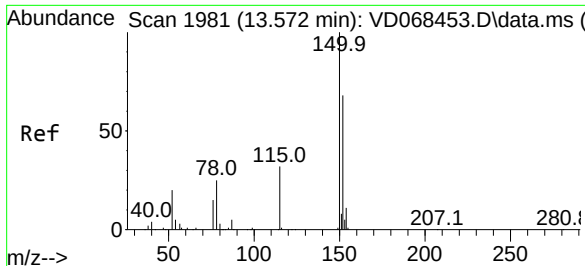
Tgt Ion:117 Resp: 637201
Ion Ratio Lower Upper
117 100
82 53.5 41.4 62.0
119 31.5 26.1 39.1



#71
Bromoform
Concen: 1.08 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.265 min
Lab File: VD068513.D
Acq: 03 Mar 2021 15:21

Tgt Ion:173 Resp: 2466
Ion Ratio Lower Upper
173 100
175 570.5 24.6 73.8#
254 0.0 0.0 0.0

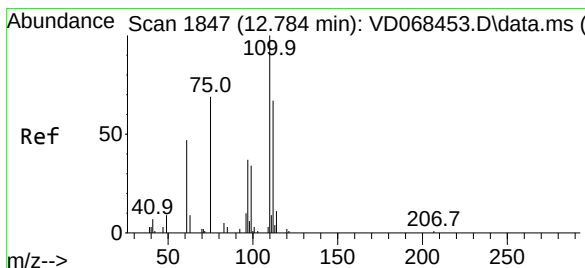
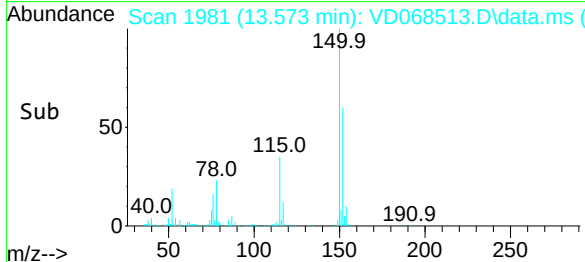
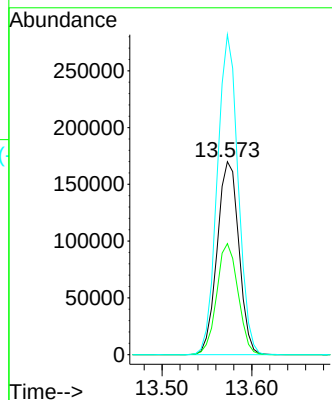
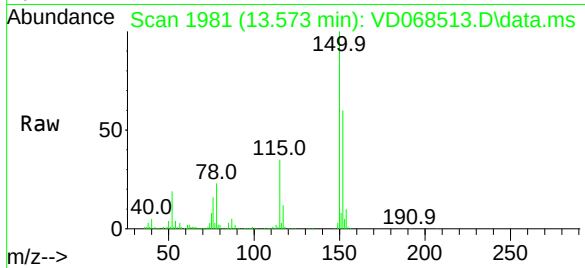




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068513.D
Acq: 03 Mar 2021 15:21

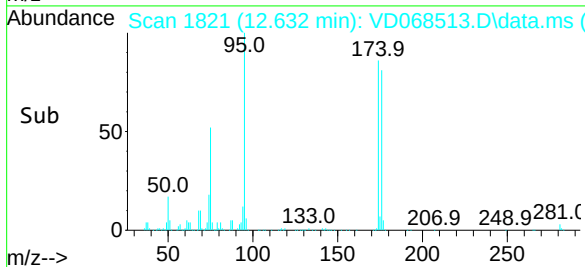
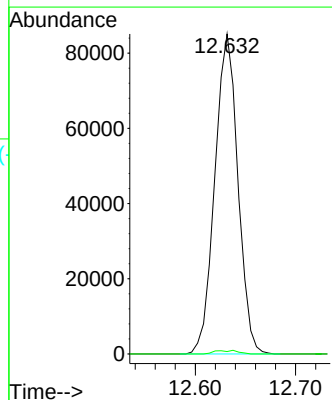
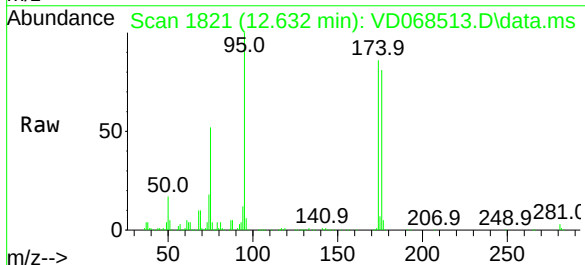
Instrument :
MSVOA_D
ClientSampleId :

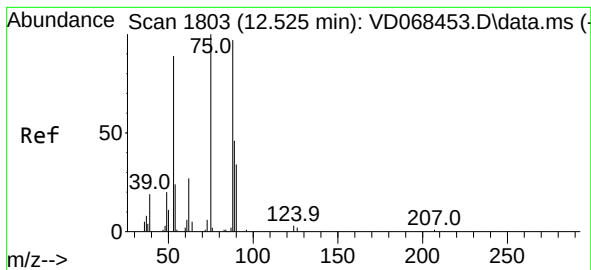
Tgt Ion:152 Resp: 285647
Ion Ratio Lower Upper
152 100
115 56.6 28.9 86.8
150 159.2 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 53.53 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068513.D
Acq: 03 Mar 2021 15:21

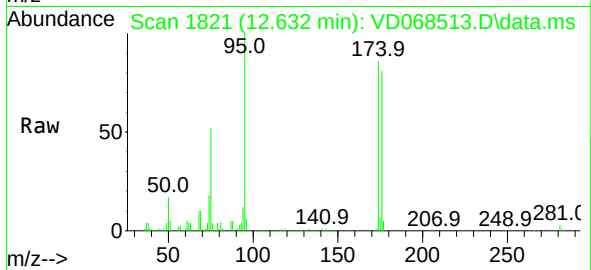
Tgt Ion: 75 Resp: 135755
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 124.93 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068513.D
 Acq: 03 Mar 2021 15:21

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 135755
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.0 40.3 60.5#

