

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031721\
 Data File : VD068647.D
 Acq On : 17 Mar 2021 19:38
 Operator : VA/SY
 Sample : M1692-04
 Misc : 6.54G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 18 00:58:36 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	265981	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	501589	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	499723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	257938	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	147926	55.66	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.32%
35) Dibromofluoromethane	7.914	113	159468	52.78	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.56%
50) Toluene-d8	10.344	98	628490	52.22	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.44%
62) 4-Bromofluorobenzene	12.632	95	212526	54.79	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.58%

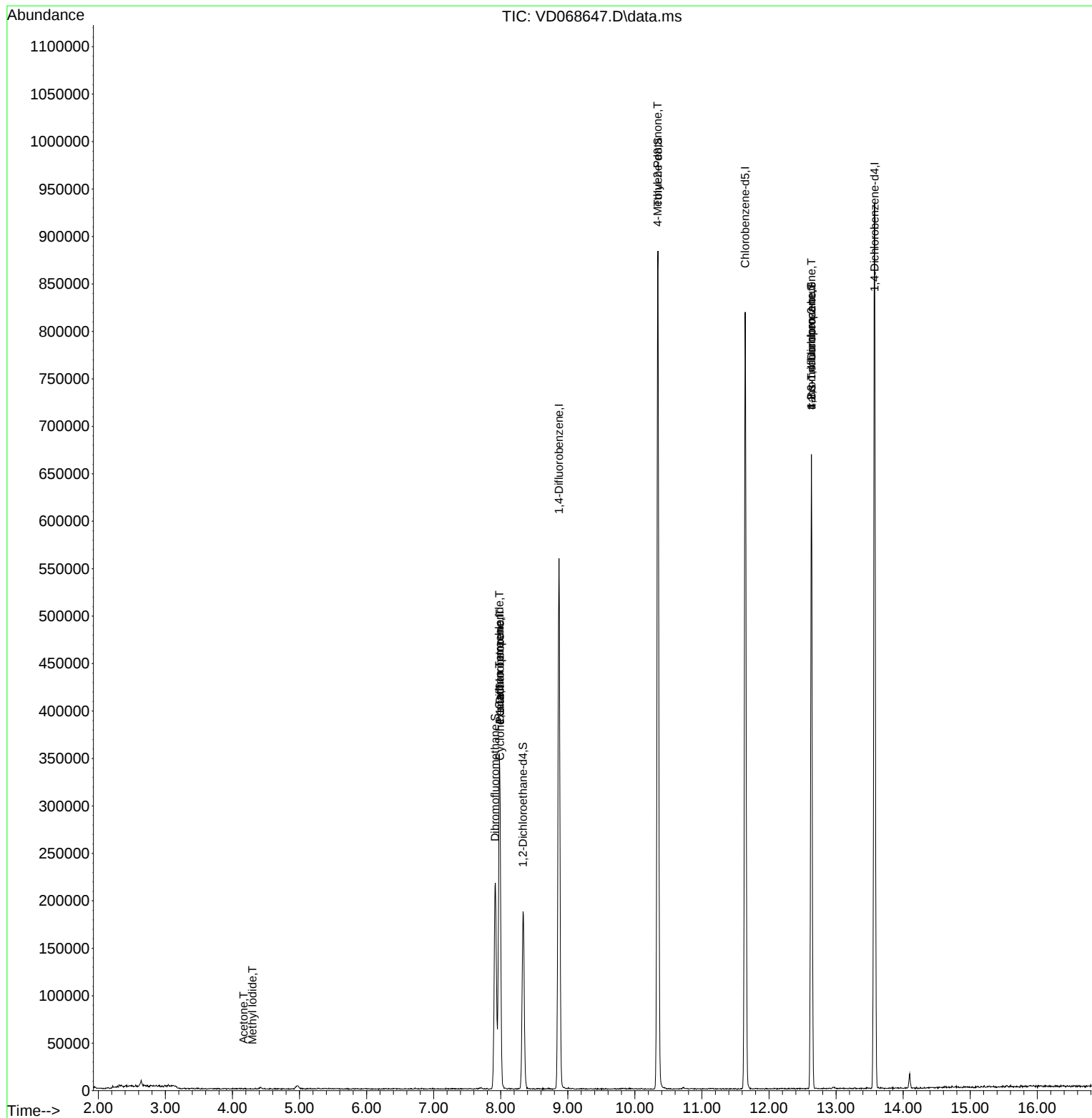
Target Compounds						Qvalue
10) Methyl Iodide	4.297	142	56	2.63	ug/l #	38
16) Acetone	4.168	43	470	1.11	ug/l #	44
20) Methylene Chloride	4.962	84	2981	Below Cal	#	80
31) Cyclohexane	7.991	56	5740	1.19	ug/l #	54
36) 1,1-Dichloropropene	7.985	75	20495	4.30	ug/l #	47
38) Carbon Tetrachloride	7.979	117	26179	5.84	ug/l #	17
51) 4-Methyl-2-Pentanone	10.338	43	2435	1.60	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	107591	46.99	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	107591	109.65	ug/l #	13

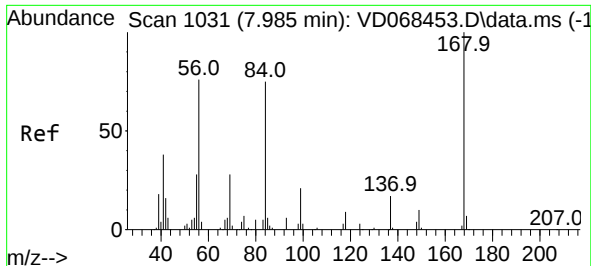
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 18 00:58:36 2021
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Quant Title : SW846 8260
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Response via : Initial Calibration

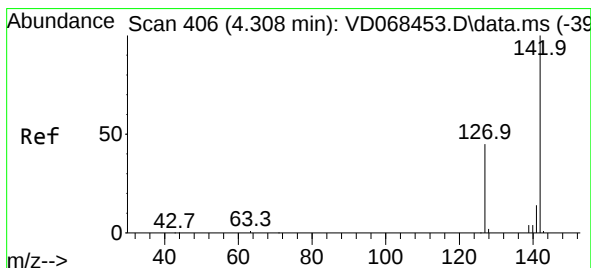
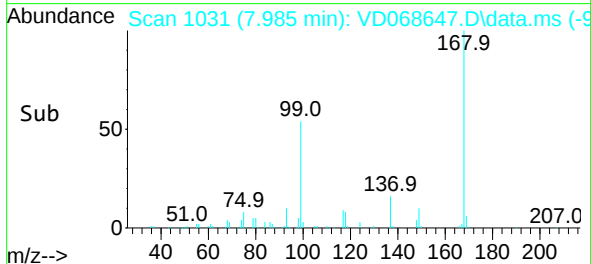
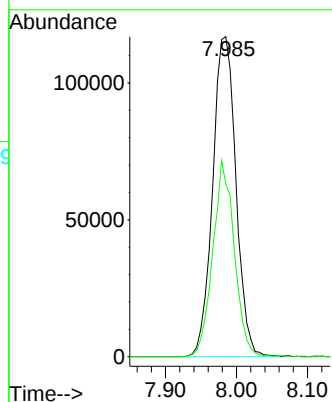
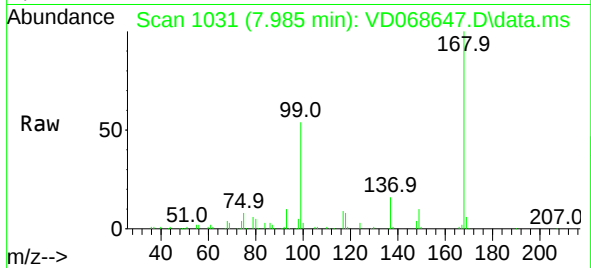




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068647.D
Acq: 17 Mar 2021 19:38

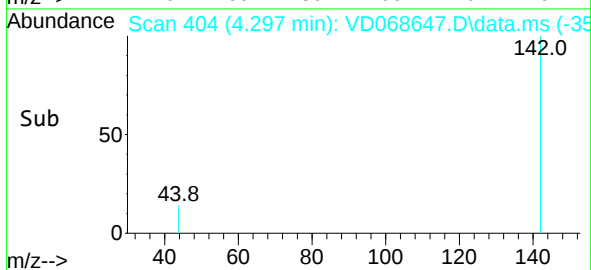
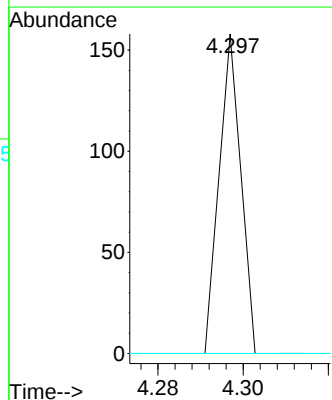
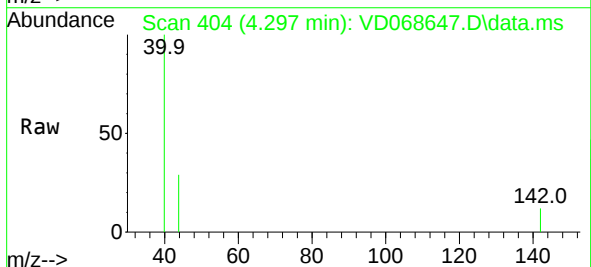
Instrument :
MSVOA_D
ClientSampled :

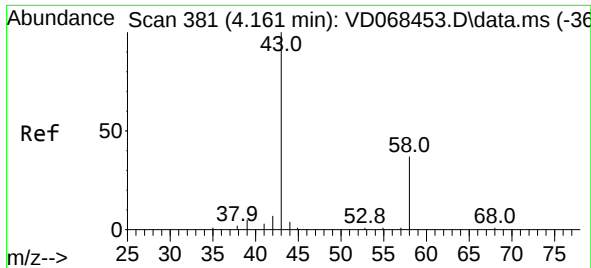
Tgt Ion:168 Resp: 265981
Ion Ratio Lower Upper
168 100
99 54.0 43.5 65.3



#10
Methyl Iodide
Concen: 2.63 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.011 min
Lab File: VD068647.D
Acq: 17 Mar 2021 19:38

Tgt Ion:142 Resp: 56
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#

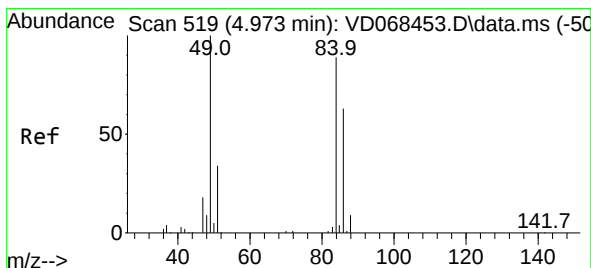
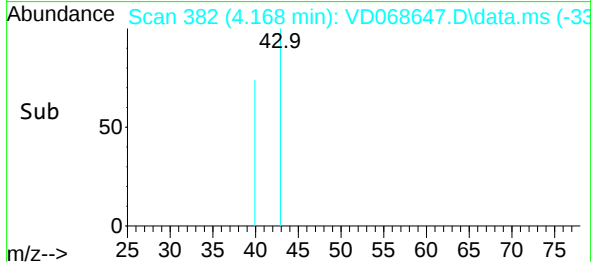
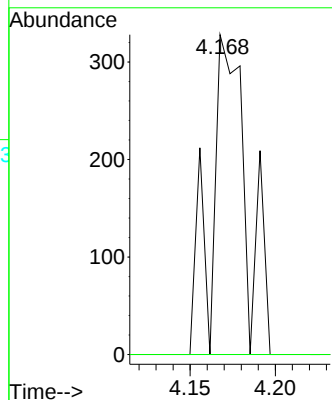
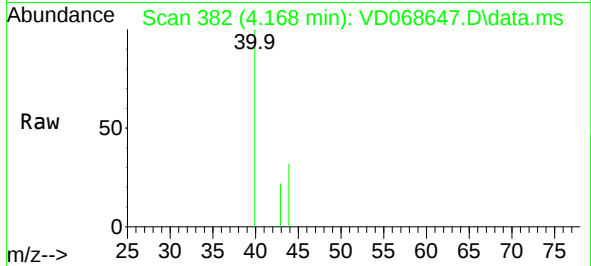




#16
Acetone
Concen: 1.11 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068647.D
Acq: 17 Mar 2021 19:38

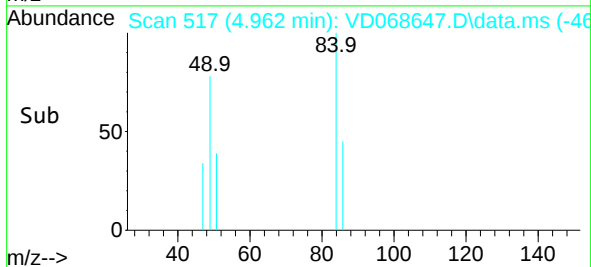
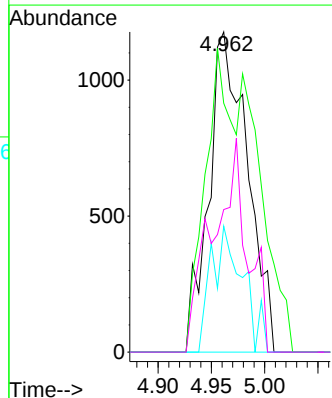
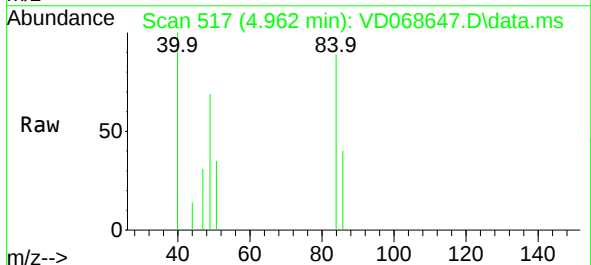
Instrument :
MSVOA_D
ClientSampled :

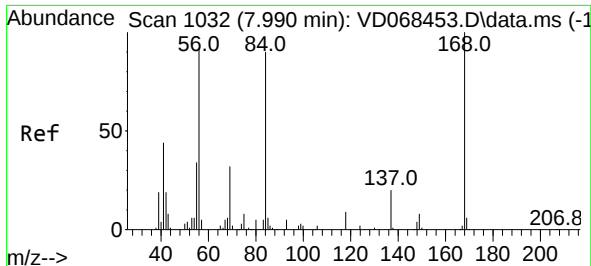
Tgt Ion: 43 Resp: 470
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.011 min
Lab File: VD068647.D
Acq: 17 Mar 2021 19:38

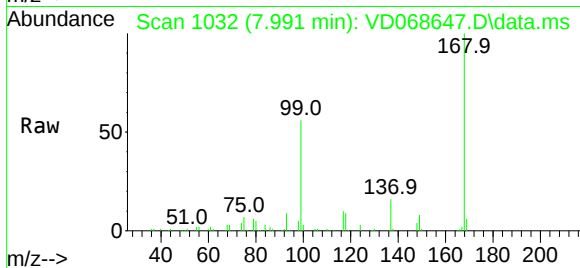
Tgt Ion: 84 Resp: 2981
Ion Ratio Lower Upper
84 100
49 77.7 77.4 116.2
51 39.3 26.1 39.1#
86 44.5 51.8 77.8#



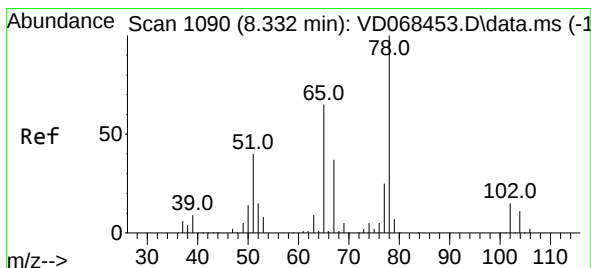
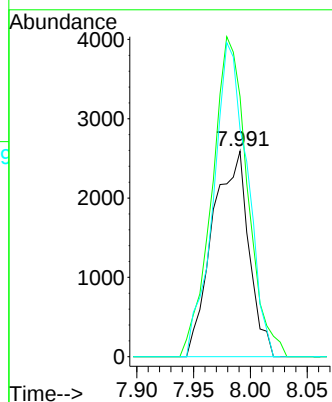
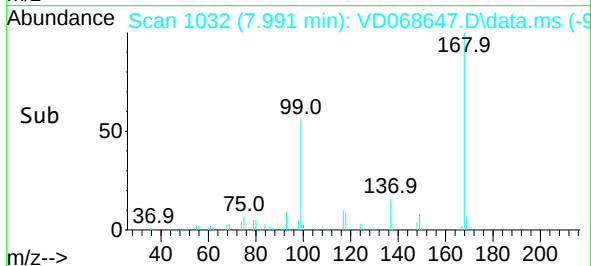


#31
Cyclohexane
Concen: 1.19 ug/l
RT: 7.991 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VD068647.D
Acq: 17 Mar 2021 19:38

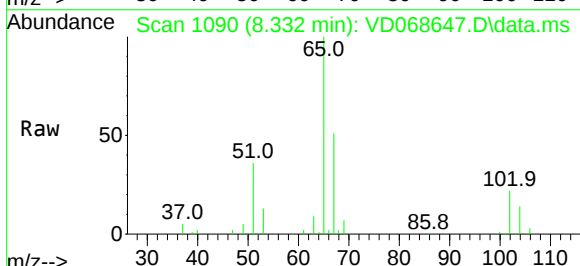
Instrument :
MSVOA_D
ClientSampleId :



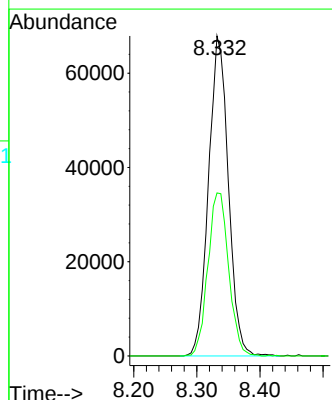
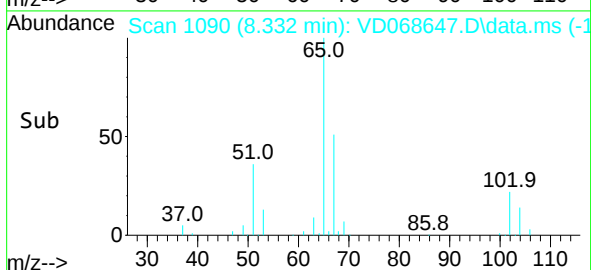
Tgt Ion: 56 Resp: 5740
Ion Ratio Lower Upper
56 100
69 126.6 30.1 45.1#
84 110.8 82.1 123.1

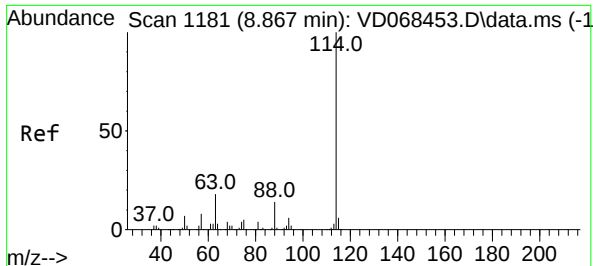


#33
1,2-Dichloroethane-d4
Concen: 55.66 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068647.D
Acq: 17 Mar 2021 19:38



Tgt Ion: 65 Resp: 147926
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.0



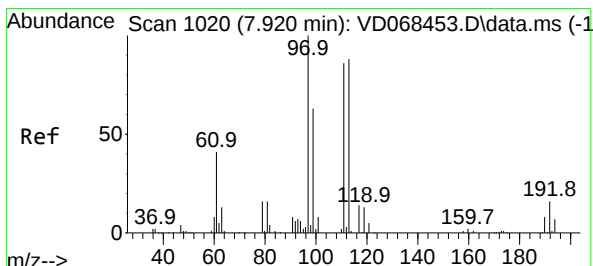
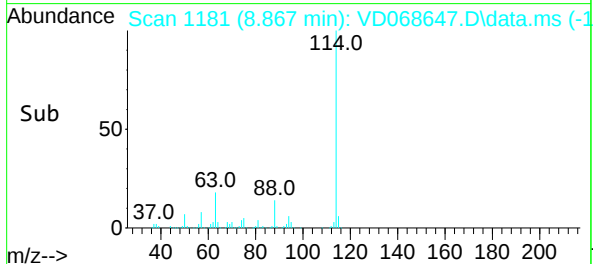
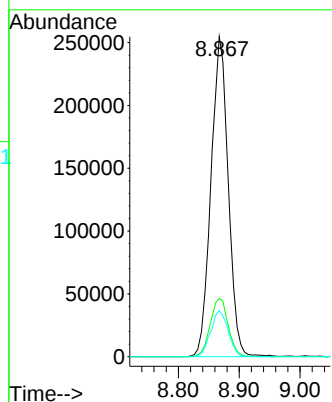
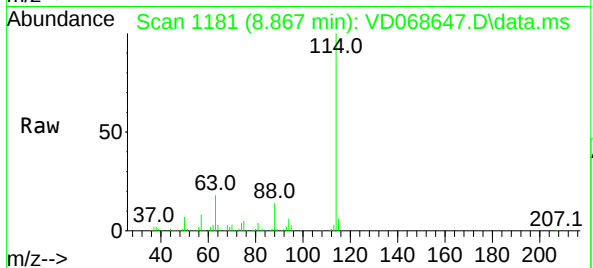


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068647.D
Acq: 17 Mar 2021 19:38

Instrument :
MSVOA_D
ClientSampleId :

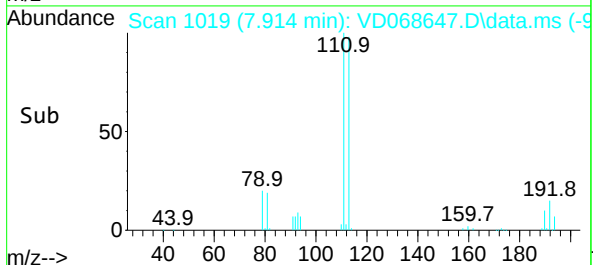
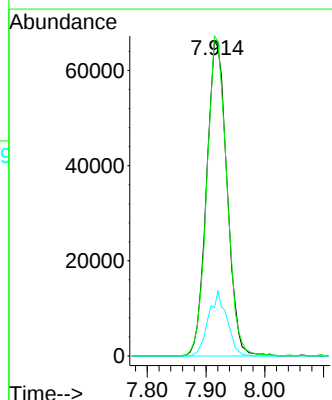
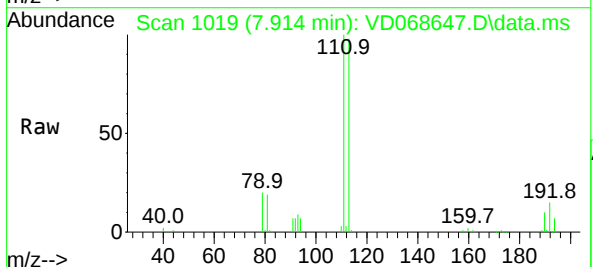
Tgt Ion:114 Resp: 501589
Ion Ratio Lower Upper
114 100
63 18.3 0.0 34.8
88 14.4 0.0 31.6

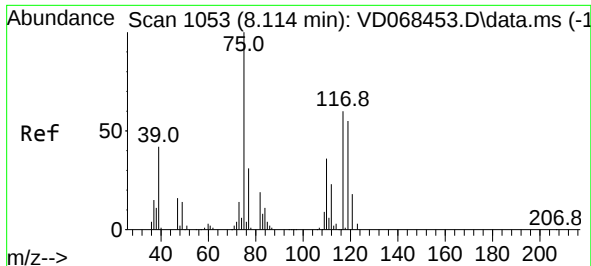


#35

Dibromofluoromethane
Concen: 52.78 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.005 min
Lab File: VD068647.D
Acq: 17 Mar 2021 19:38

Tgt Ion:113 Resp: 159468
Ion Ratio Lower Upper
113 100
111 99.6 81.4 122.0
192 18.6 16.1 24.1

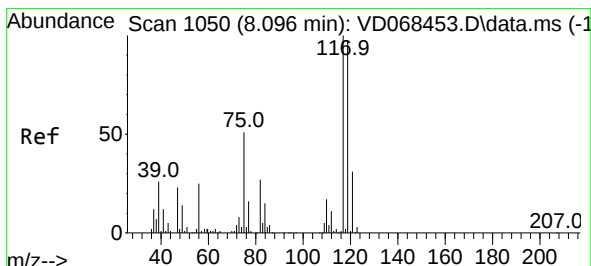
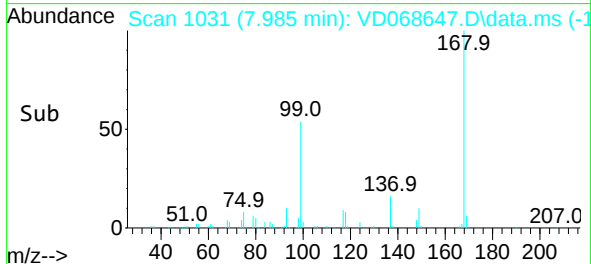
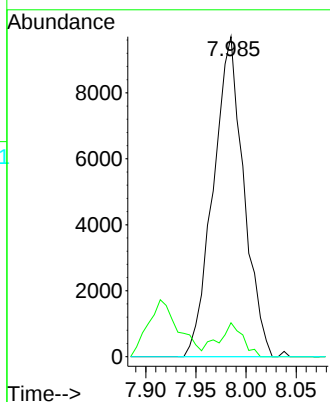
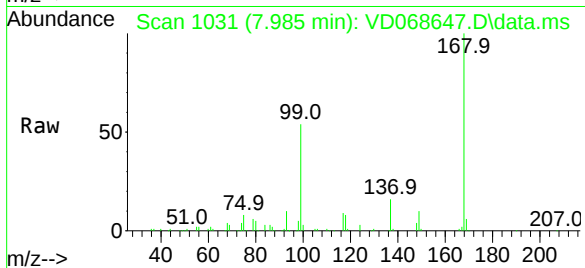




#36
1,1-Dichloropropene
Concen: 4.30 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.129 min
Lab File: VD068647.D
Acq: 17 Mar 2021 19:38

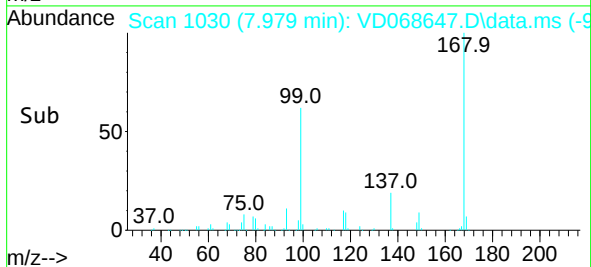
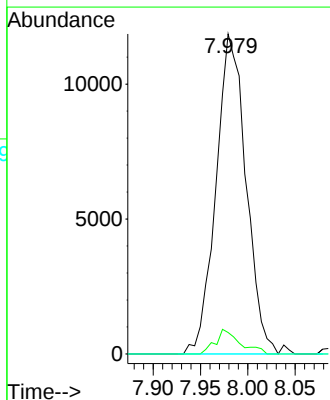
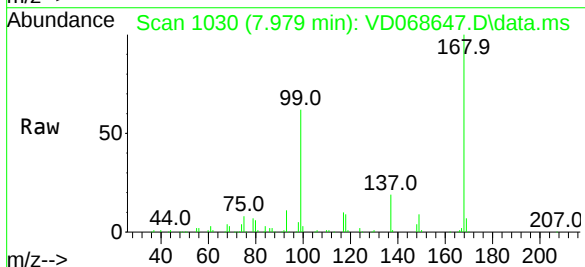
Instrument :
MSVOA_D
ClientSampled :

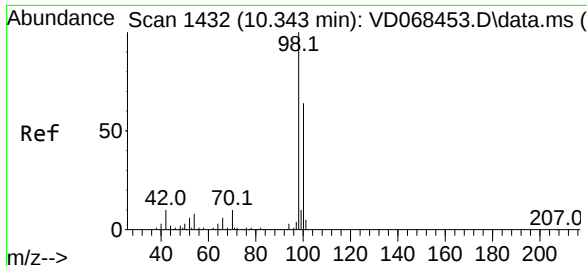
Tgt Ion: 75 Resp: 20495
Ion Ratio Lower Upper
75 100
110 8.5 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.84 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.117 min
Lab File: VD068647.D
Acq: 17 Mar 2021 19:38

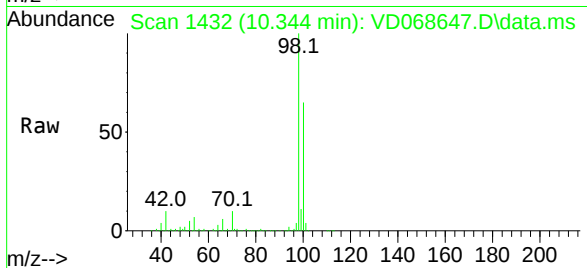
Tgt Ion: 117 Resp: 26179
Ion Ratio Lower Upper
117 100
119 6.7 77.3 115.9#
121 0.0 24.7 37.1#



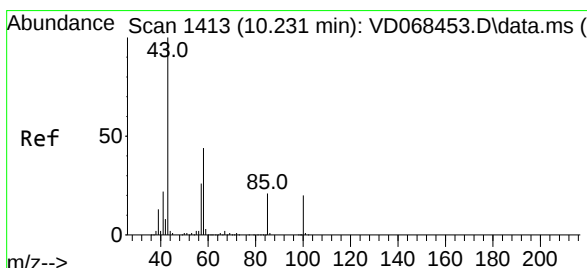
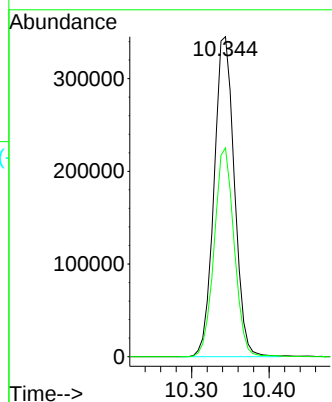
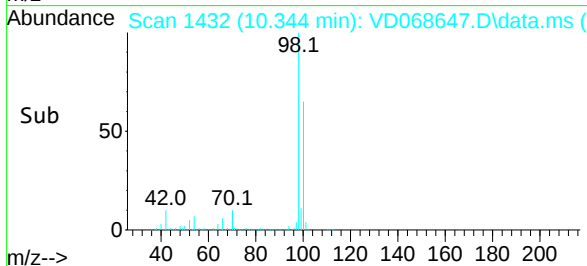


#50
Toluene-d8
Concen: 52.22 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068647.D
Acq: 17 Mar 2021 19:38

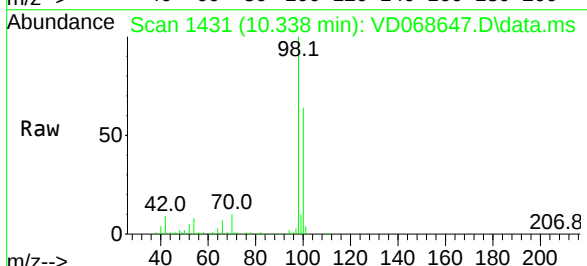
Instrument :
MSVOA_D
ClientSampled :



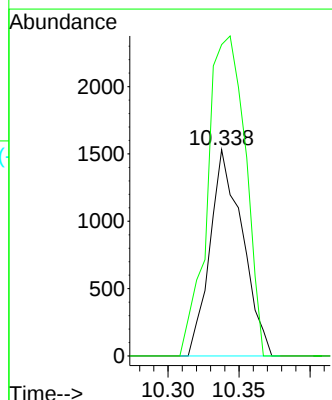
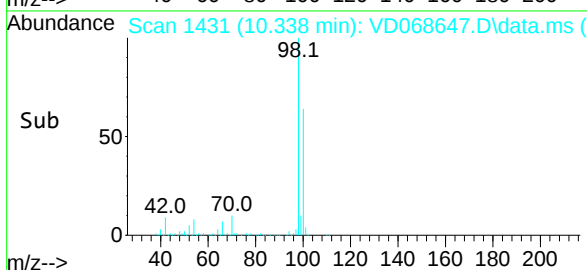
Tgt Ion: 98 Resp: 628490
Ion Ratio Lower Upper
98 100
100 64.2 53.0 79.4

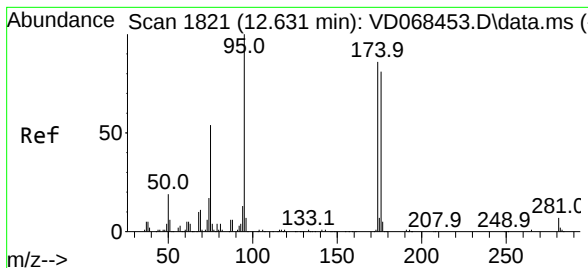


#51
4-Methyl-2-Pentanone
Concen: 1.60 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.106 min
Lab File: VD068647.D
Acq: 17 Mar 2021 19:38



Tgt Ion: 43 Resp: 2435
Ion Ratio Lower Upper
43 100
58 180.6 36.1 54.1#

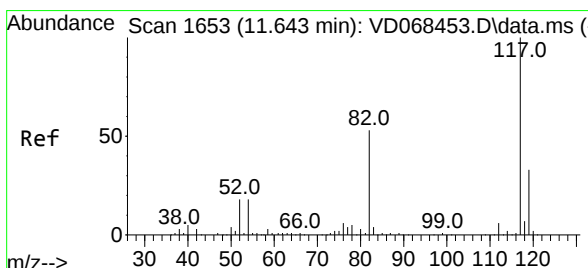
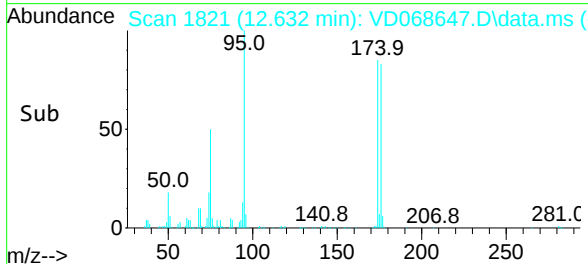
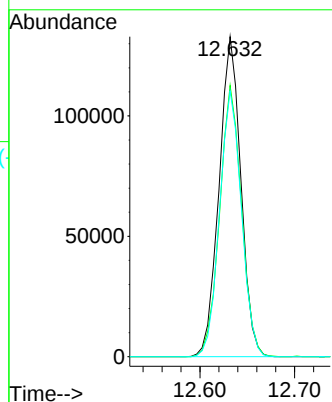
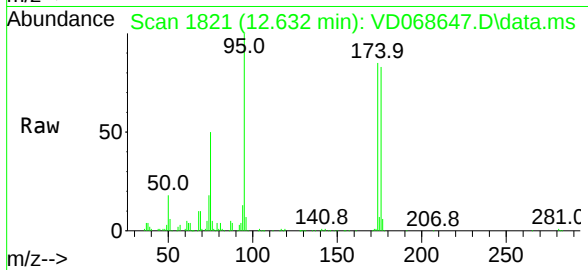




#62
4-Bromofluorobenzene
Concen: 54.79 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068647.D
Acq: 17 Mar 2021 19:38

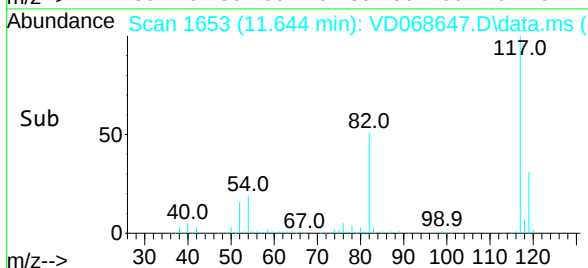
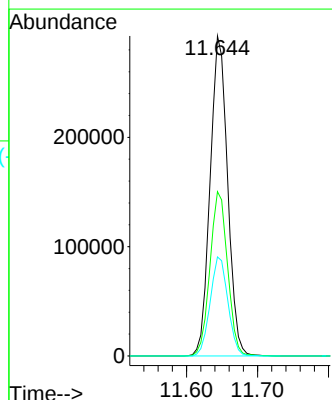
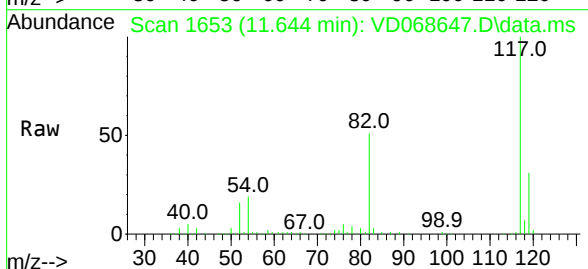
Instrument :
MSVOA_D
ClientSampleId :

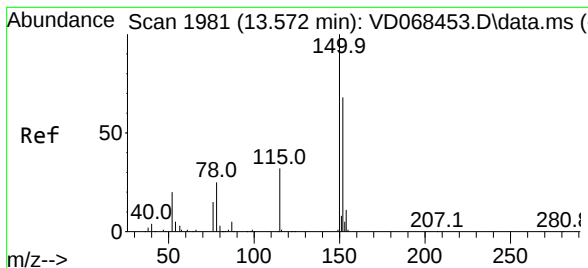
Tgt Ion: 95 Resp: 212526
Ion Ratio Lower Upper
95 100
174 84.7 0.0 172.4
176 83.1 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068647.D
Acq: 17 Mar 2021 19:38

Tgt Ion: 117 Resp: 499723
Ion Ratio Lower Upper
117 100
82 51.4 41.4 62.0
119 31.0 26.1 39.1

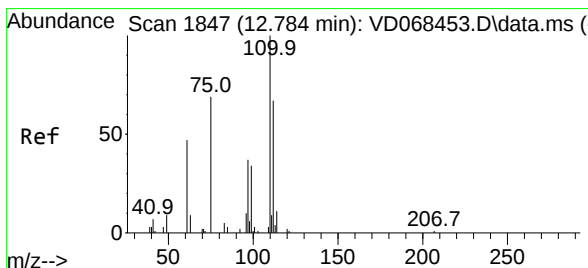
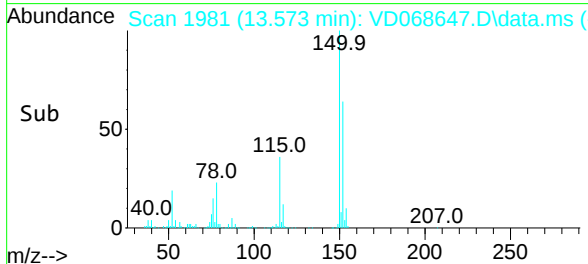
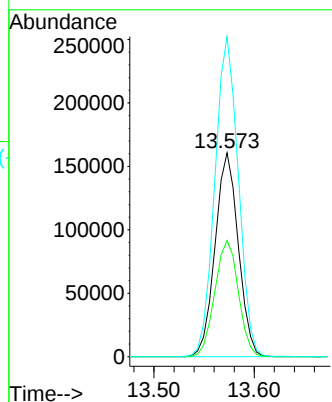
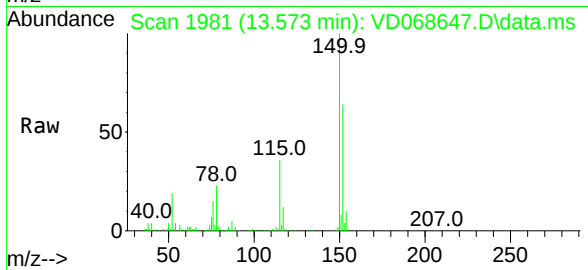




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068647.D
Acq: 17 Mar 2021 19:38

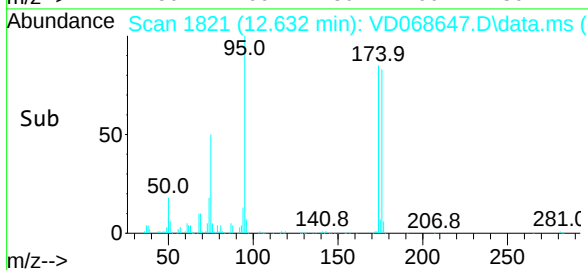
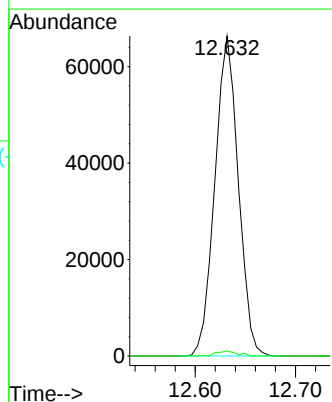
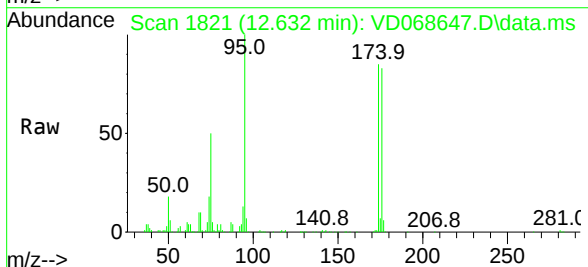
Instrument :
MSVOA_D
ClientSampleId :

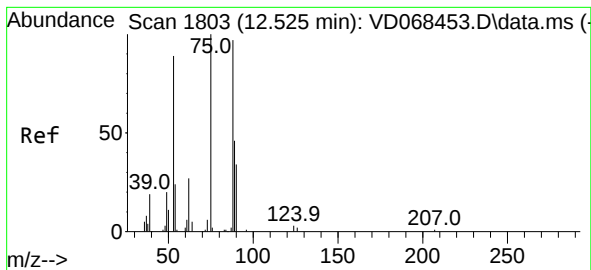
Tgt Ion:152 Resp: 257938
Ion Ratio Lower Upper
152 100
115 57.9 28.9 86.8
150 158.8 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 46.99 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068647.D
Acq: 17 Mar 2021 19:38

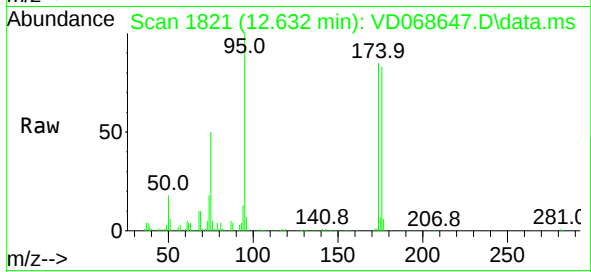
Tgt Ion: 75 Resp: 107591
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 109.65 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068647.D
 Acq: 17 Mar 2021 19:38

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 107591
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.1 40.3 60.5#

