

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033121\
 Data File : VD068735.D
 Acq On : 31 Mar 2021 13:49
 Operator : VA/SY
 Sample : M1874-02
 Misc : 5.26G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 01 00:44:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	259758	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	469241	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	500662	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	250741	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	154198	58.87	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.74%
35) Dibromofluoromethane	7.920	113	155215	53.16	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.32%
50) Toluene-d8	10.344	98	592578	52.64	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.28%
62) 4-Bromofluorobenzene	12.632	95	224209	61.44	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	122.88%

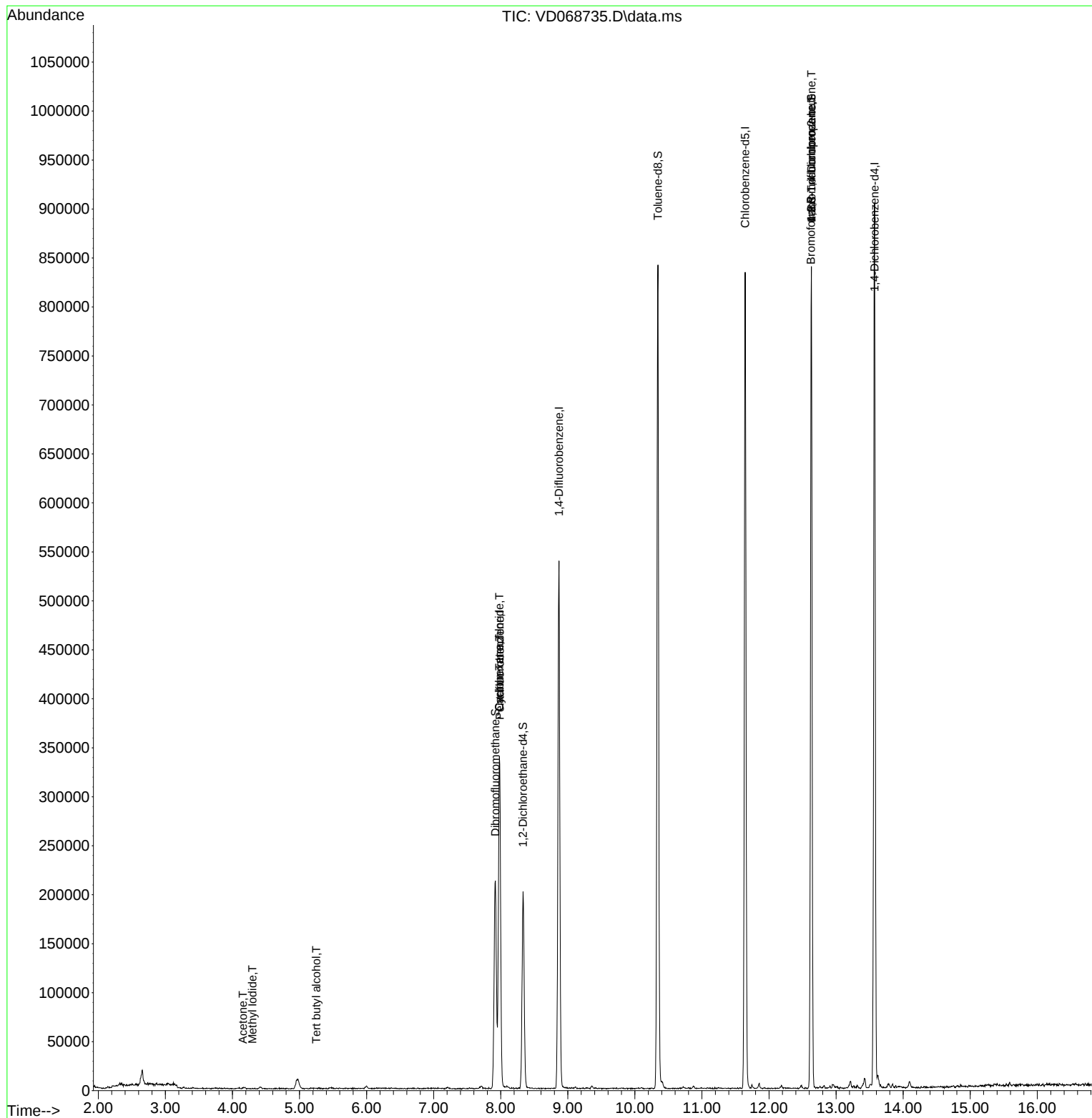
Target Compounds						Qvalue
10) Methyl Iodide	4.297	142	249	3.56	ug/l #	41
11) Tert butyl alcohol	5.250	59	409	3.39	ug/l #	73
16) Acetone	4.156	43	2154	6.78	ug/l #	76
20) Methylene Chloride	4.968	84	9856	Below Cal	#	80
31) Cyclohexane	7.979	56	6737	1.59	ug/l #	36
38) Carbon Tetrachloride	7.979	117	26100	6.24	ug/l #	17
71) Bromoform	12.626	173	1906	1.02	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	114946	55.08	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	114946	125.31	ug/l #	16

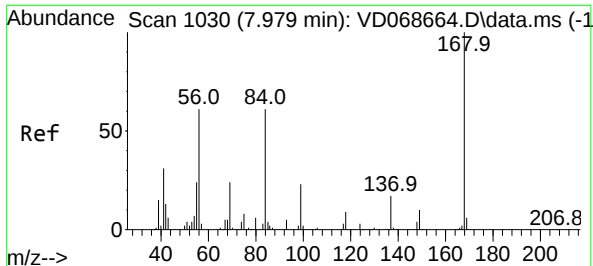
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033121\
Data File : VD068735.D
Acq On : 31 Mar 2021 13:49
Operator : VA/SY
Sample : M1874-02
Misc : 5.26G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 01 00:44:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 20 02:00:55 2021
Response via : Initial Calibration

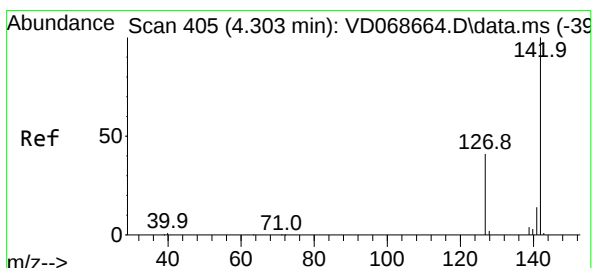
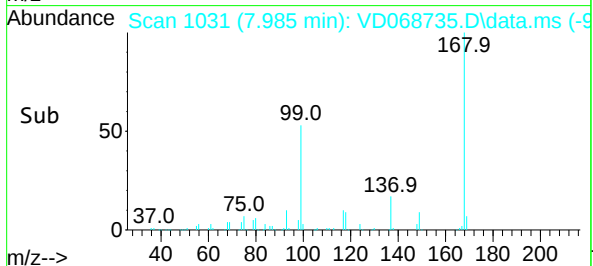
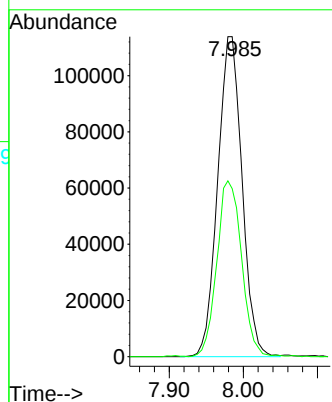
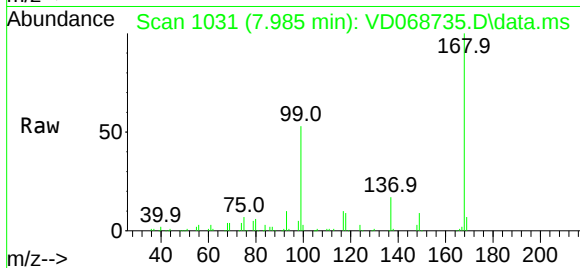




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068735.D
Acq: 31 Mar 2021 13:49

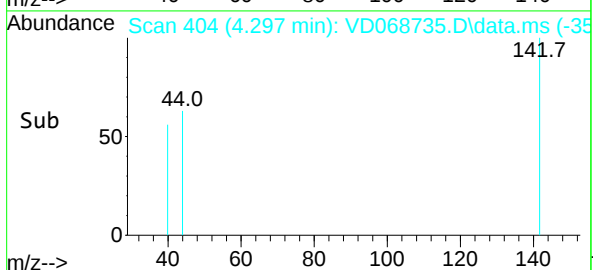
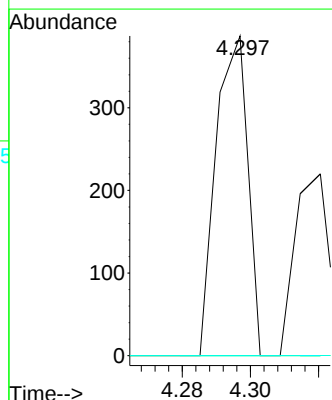
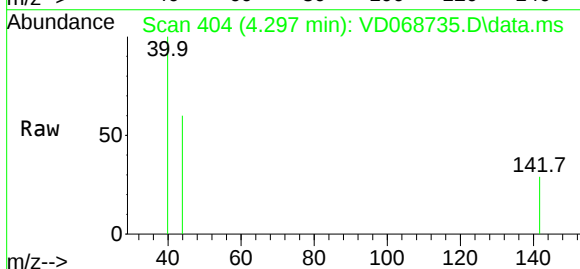
Instrument :
MSVOA_D
ClientSampled :

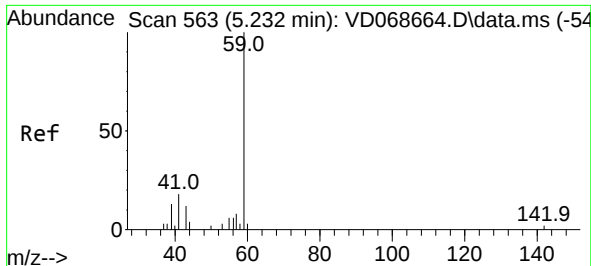
Tgt Ion:168 Resp: 259758
Ion Ratio Lower Upper
168 100
99 52.4 46.2 69.2



#10
Methyl Iodide
Concen: 3.56 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD068735.D
Acq: 31 Mar 2021 13:49

Tgt Ion:142 Resp: 249
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#



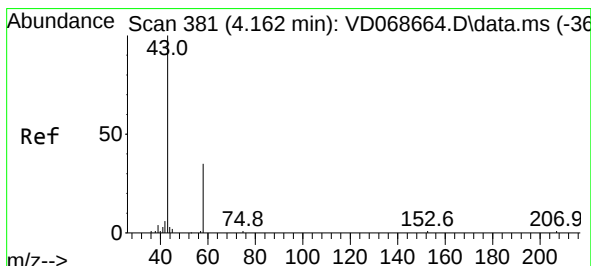
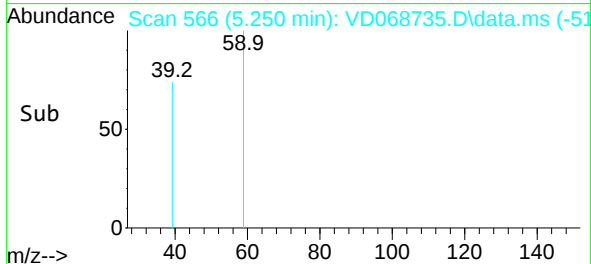
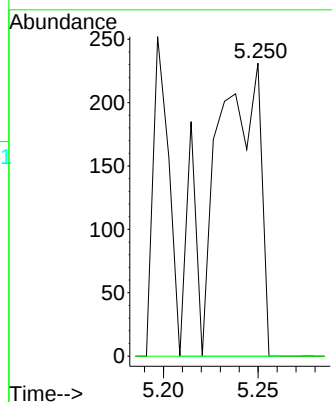
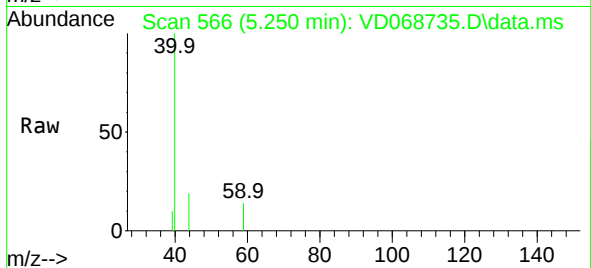


#11

Tert butyl alcohol
Concen: 3.39 ug/l
RT: 5.250 min Scan# 566
Delta R.T. 0.018 min
Lab File: VD068735.D
Acq: 31 Mar 2021 13:49

Instrument :
MSVOA_D
ClientSampled :

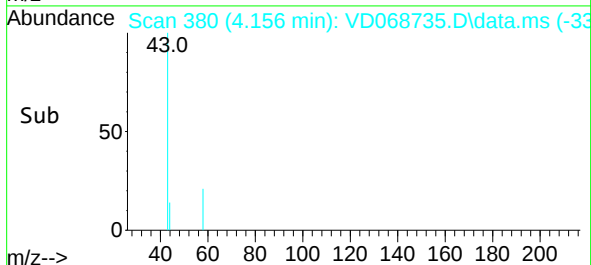
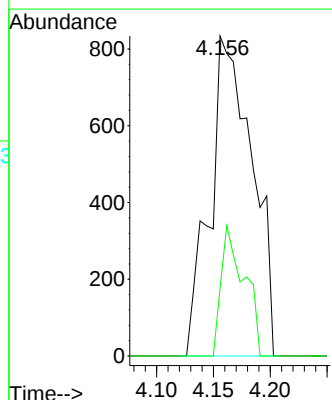
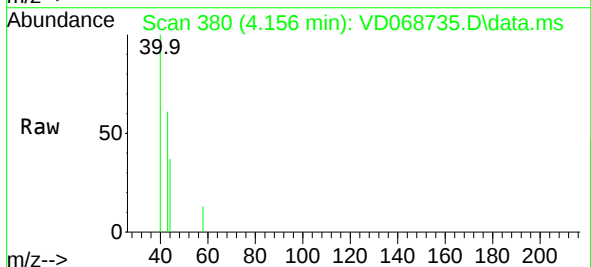
Tgt Ion: 59 Resp: 409
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

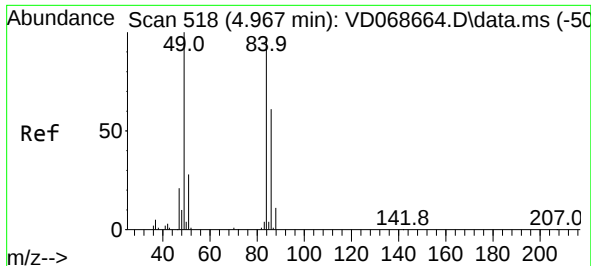


#16

Acetone
Concen: 6.78 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068735.D
Acq: 31 Mar 2021 13:49

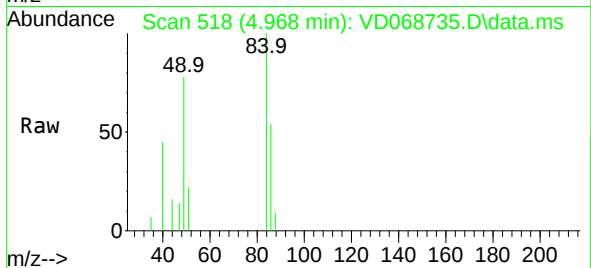
Tgt Ion: 43 Resp: 2154
Ion Ratio Lower Upper
43 100
58 21.1 28.0 42.0#



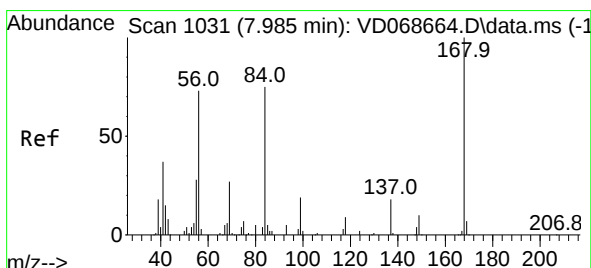
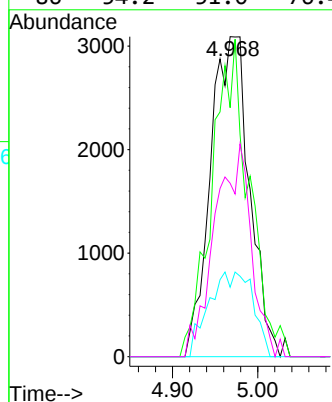
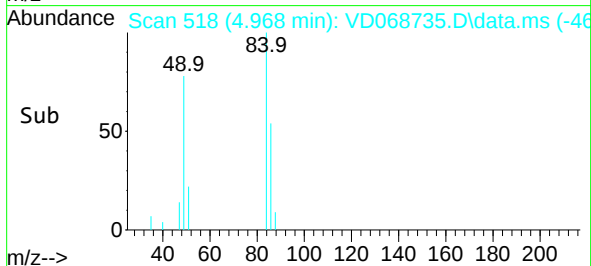


#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 518
Delta R.T. 0.001 min
Lab File: VD068735.D
Acq: 31 Mar 2021 13:49

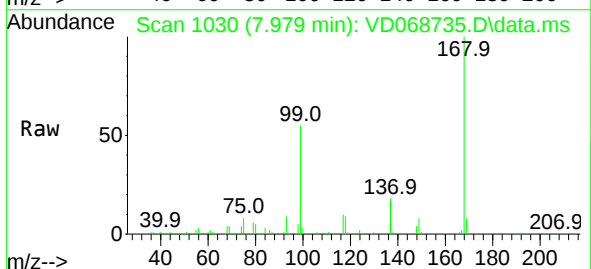
Instrument :
MSVOA_D
ClientSampled :



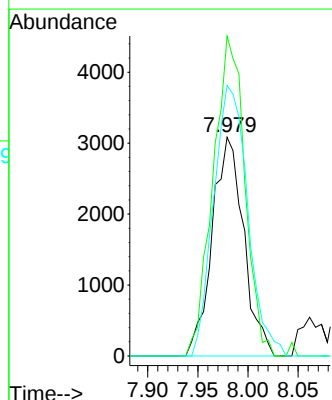
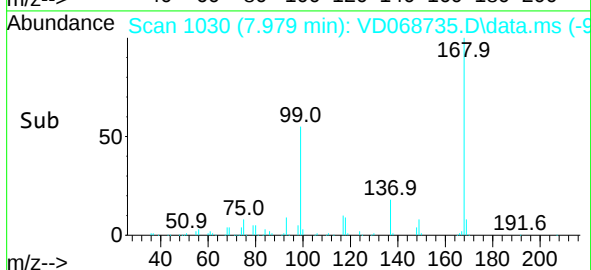
Tgt Ion: 84 Resp: 9856
Ion Ratio Lower Upper
84 100
49 77.8 83.4 125.0#
51 21.7 23.4 35.2#
86 54.2 51.0 76.4

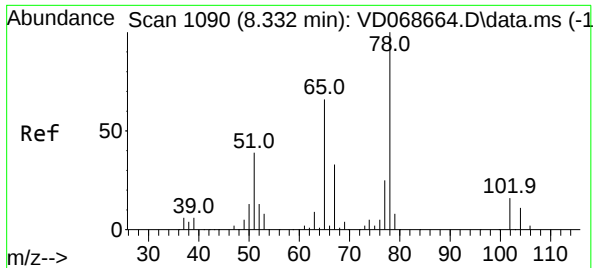


#31
Cyclohexane
Concen: 1.59 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068735.D
Acq: 31 Mar 2021 13:49



Tgt Ion: 56 Resp: 6737
Ion Ratio Lower Upper
56 100
69 146.3 30.0 45.0#
84 123.7 82.0 123.0#

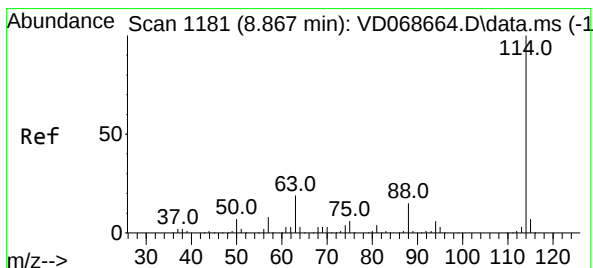
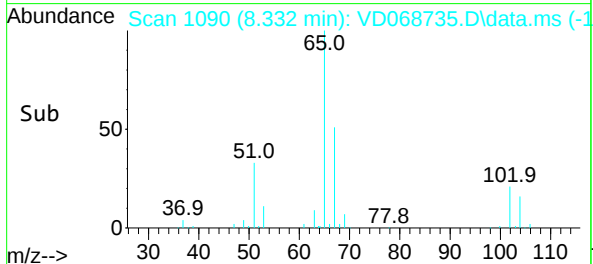
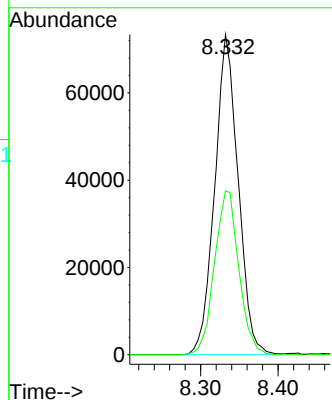
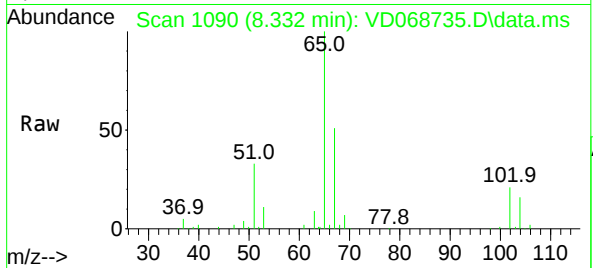




#33
1,2-Dichloroethane-d4
Concen: 58.87 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068735.D
Acq: 31 Mar 2021 13:49

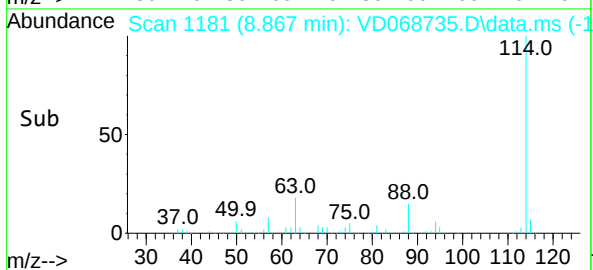
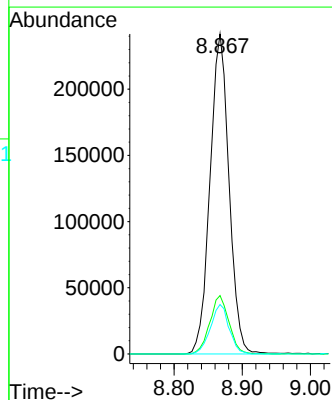
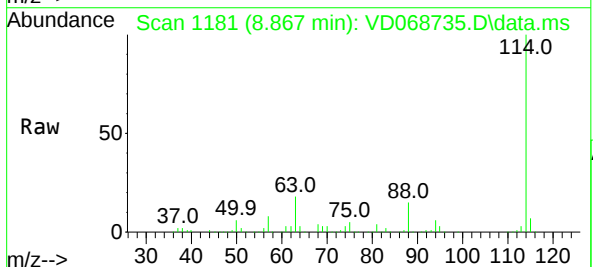
Instrument :
MSVOA_D
ClientSampled :

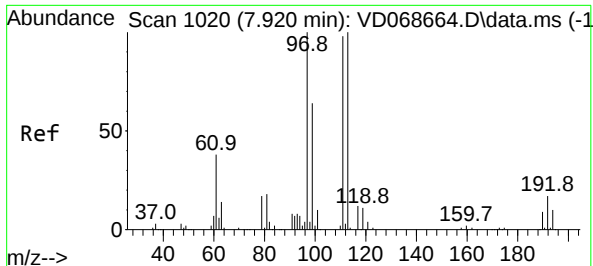
Tgt Ion: 65 Resp: 154198
Ion Ratio Lower Upper
65 100
67 53.2 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068735.D
Acq: 31 Mar 2021 13:49

Tgt Ion: 114 Resp: 469241
Ion Ratio Lower Upper
114 100
63 18.2 0.0 38.2
88 15.4 0.0 29.4





#35

Dibromofluoromethane

Concen: 53.16 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068735.D

Acq: 31 Mar 2021 13:49

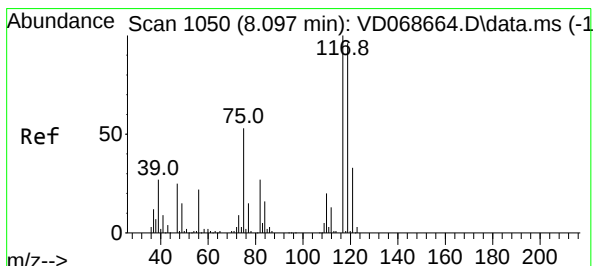
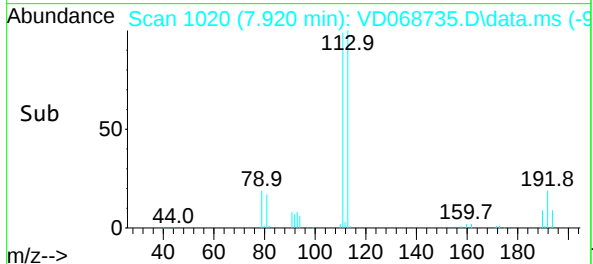
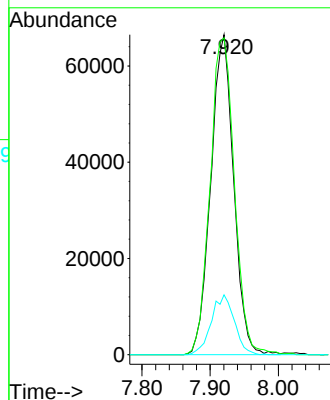
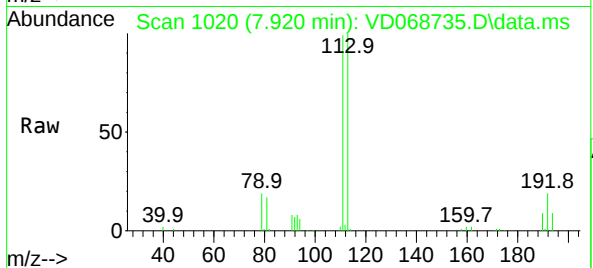
Tgt Ion:113 Resp: 155215

Ion Ratio Lower Upper

113 100

111 105.3 82.5 123.7

192 18.9 15.1 22.7



#38

Carbon Tetrachloride

Concen: 6.24 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.118 min

Lab File: VD068735.D

Acq: 31 Mar 2021 13:49

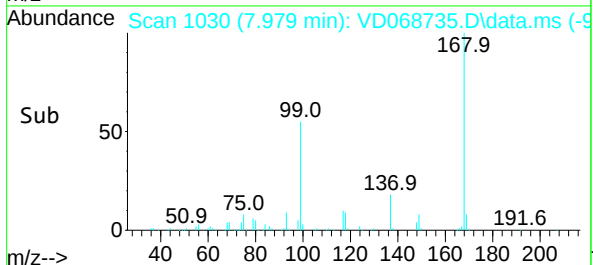
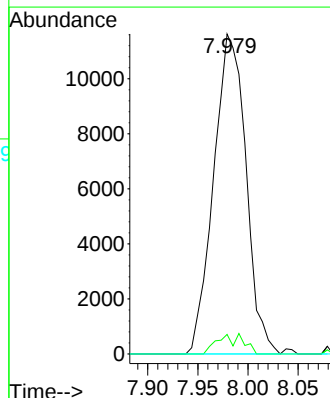
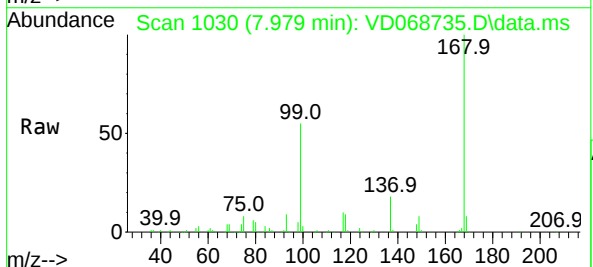
Tgt Ion:117 Resp: 26100

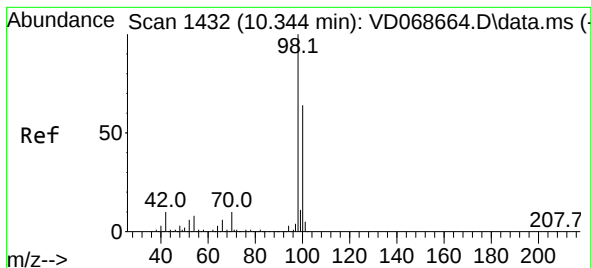
Ion Ratio Lower Upper

117 100

119 6.1 76.6 115.0#

121 0.0 26.1 39.1#

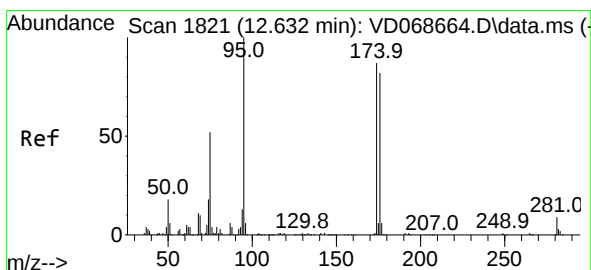
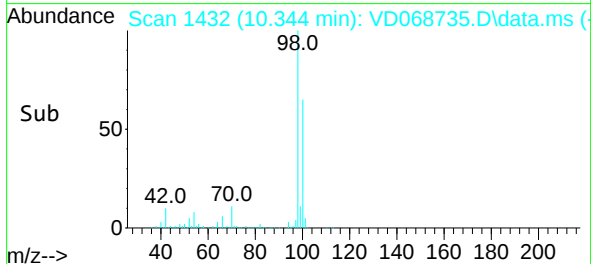
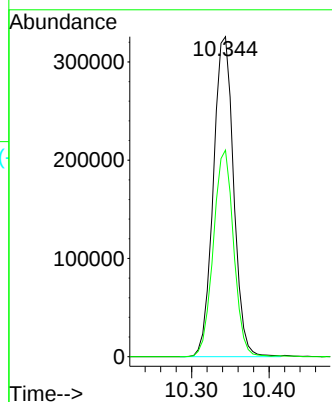
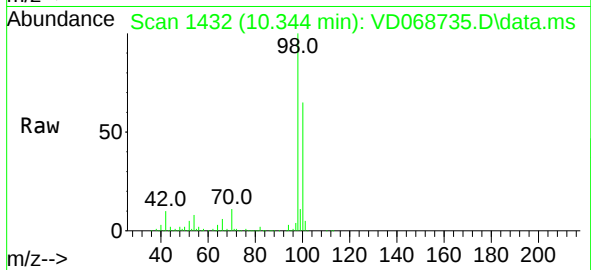




#50
Toluene-d8
Concen: 52.64 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068735.D
Acq: 31 Mar 2021 13:49

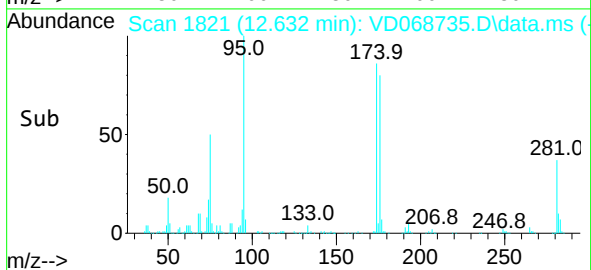
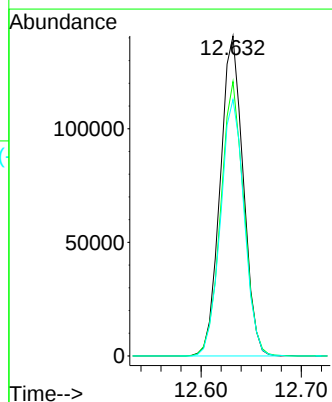
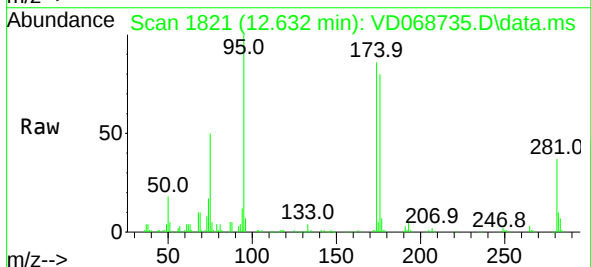
Instrument :
MSVOA_D
ClientSampled :

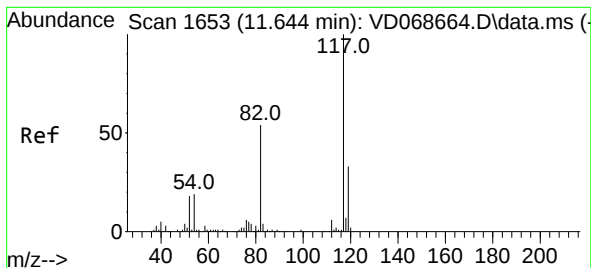
Tgt Ion: 98 Resp: 592578
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 61.44 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068735.D
Acq: 31 Mar 2021 13:49

Tgt Ion: 95 Resp: 224209
Ion Ratio Lower Upper
95 100
174 85.9 0.0 168.0
176 82.1 0.0 160.2

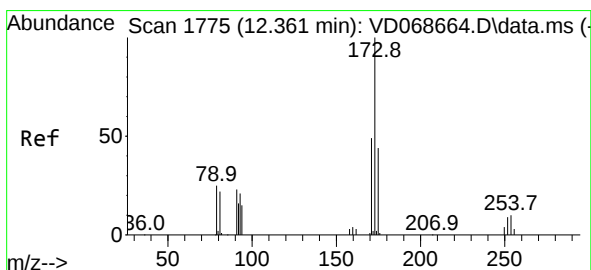
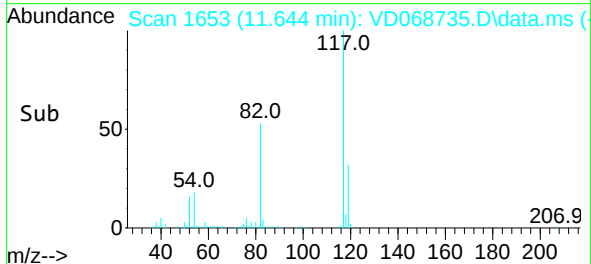
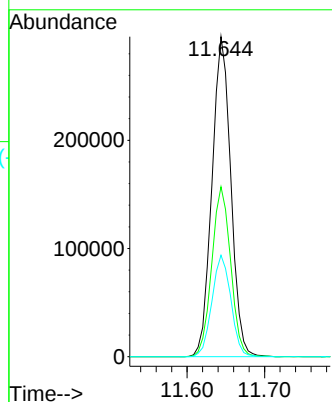
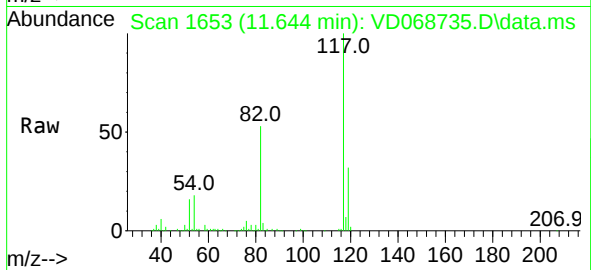




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068735.D
Acq: 31 Mar 2021 13:49

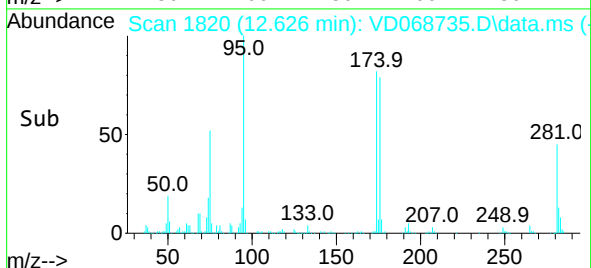
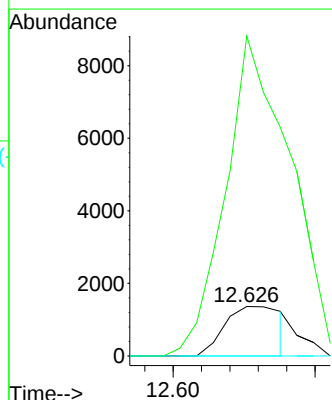
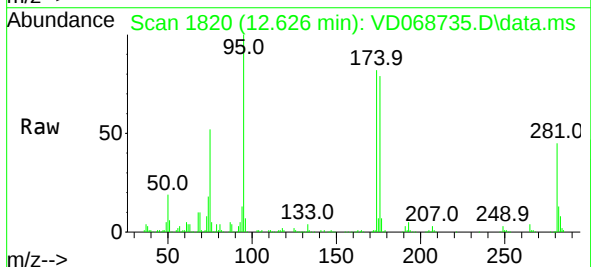
Instrument :
MSVOA_D
ClientSampleId :

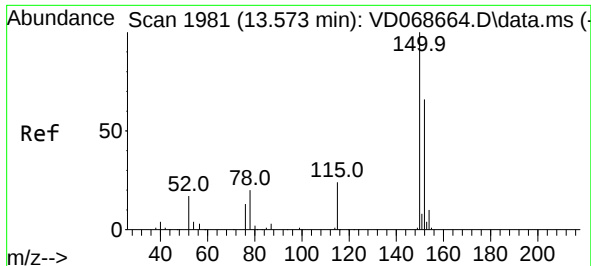
Tgt Ion:117 Resp: 500662
Ion Ratio Lower Upper
117 100
82 53.1 43.5 65.3
119 31.7 26.7 40.1



#71
Bromoform
Concen: 1.02 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.265 min
Lab File: VD068735.D
Acq: 31 Mar 2021 13:49

Tgt Ion:173 Resp: 1906
Ion Ratio Lower Upper
173 100
175 583.0 23.6 71.0#
254 0.0 0.0 0.0

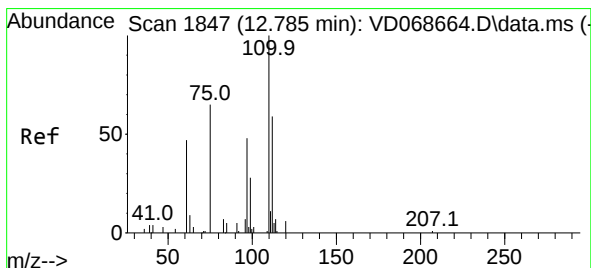
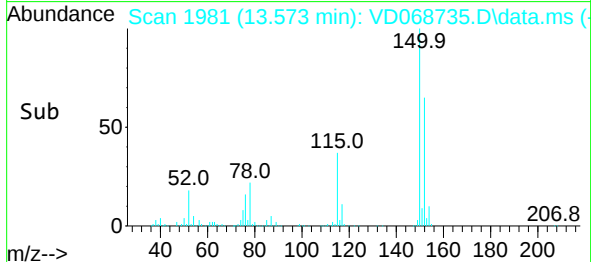
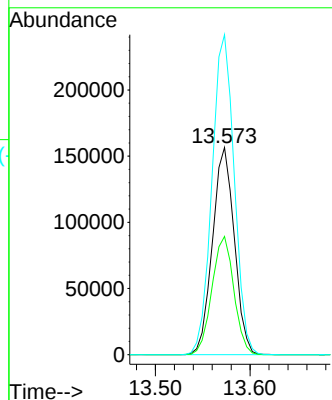
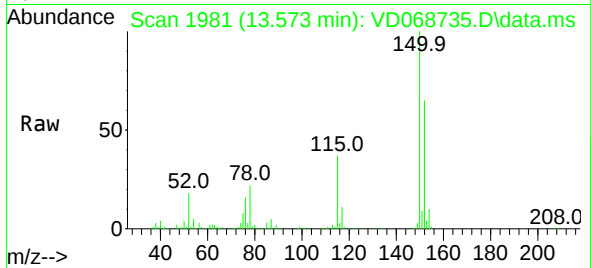




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068735.D
Acq: 31 Mar 2021 13:49

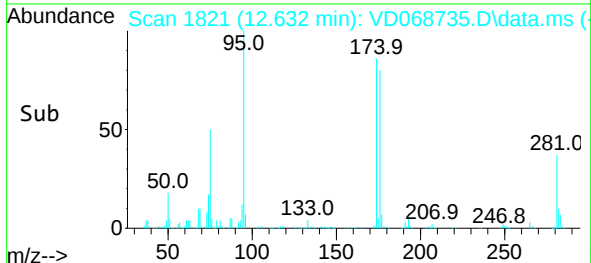
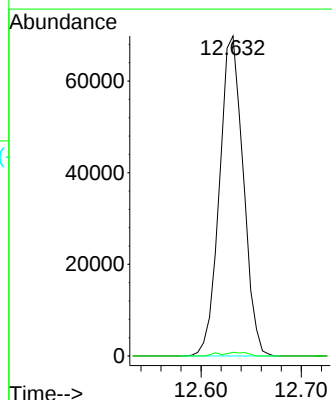
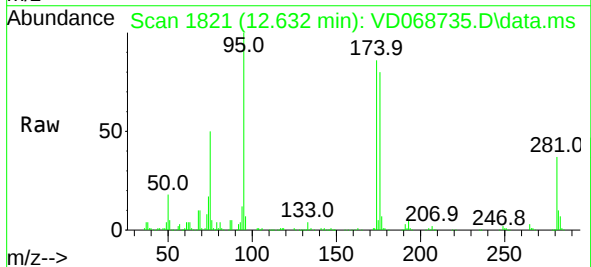
Instrument :
MSVOA_D
ClientSampled :

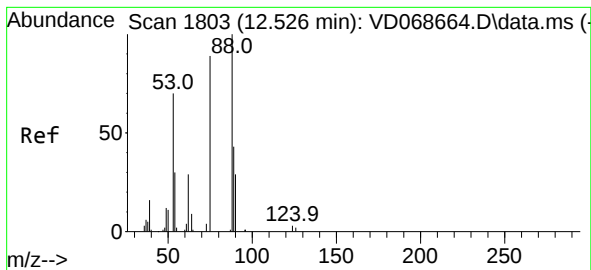
Tgt Ion:152 Resp: 250741
Ion Ratio Lower Upper
152 100
115 57.2 29.3 87.8
150 157.2 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 55.08 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068735.D
Acq: 31 Mar 2021 13:49

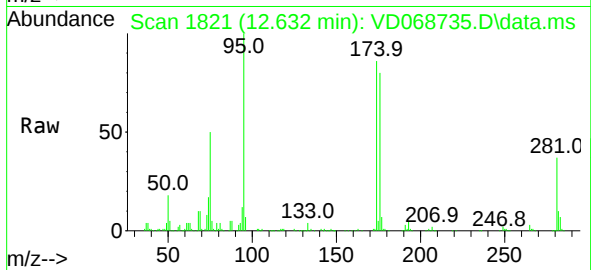
Tgt Ion: 75 Resp: 114946
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 125.31 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068735.D
 Acq: 31 Mar 2021 13:49

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 114946
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.2 36.6 54.8#

