

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042121\
 Data File : VD068938.D
 Acq On : 21 Apr 2021 20:33
 Operator : VA/SY
 Sample : M2106-21
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 22 10:24:56 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)

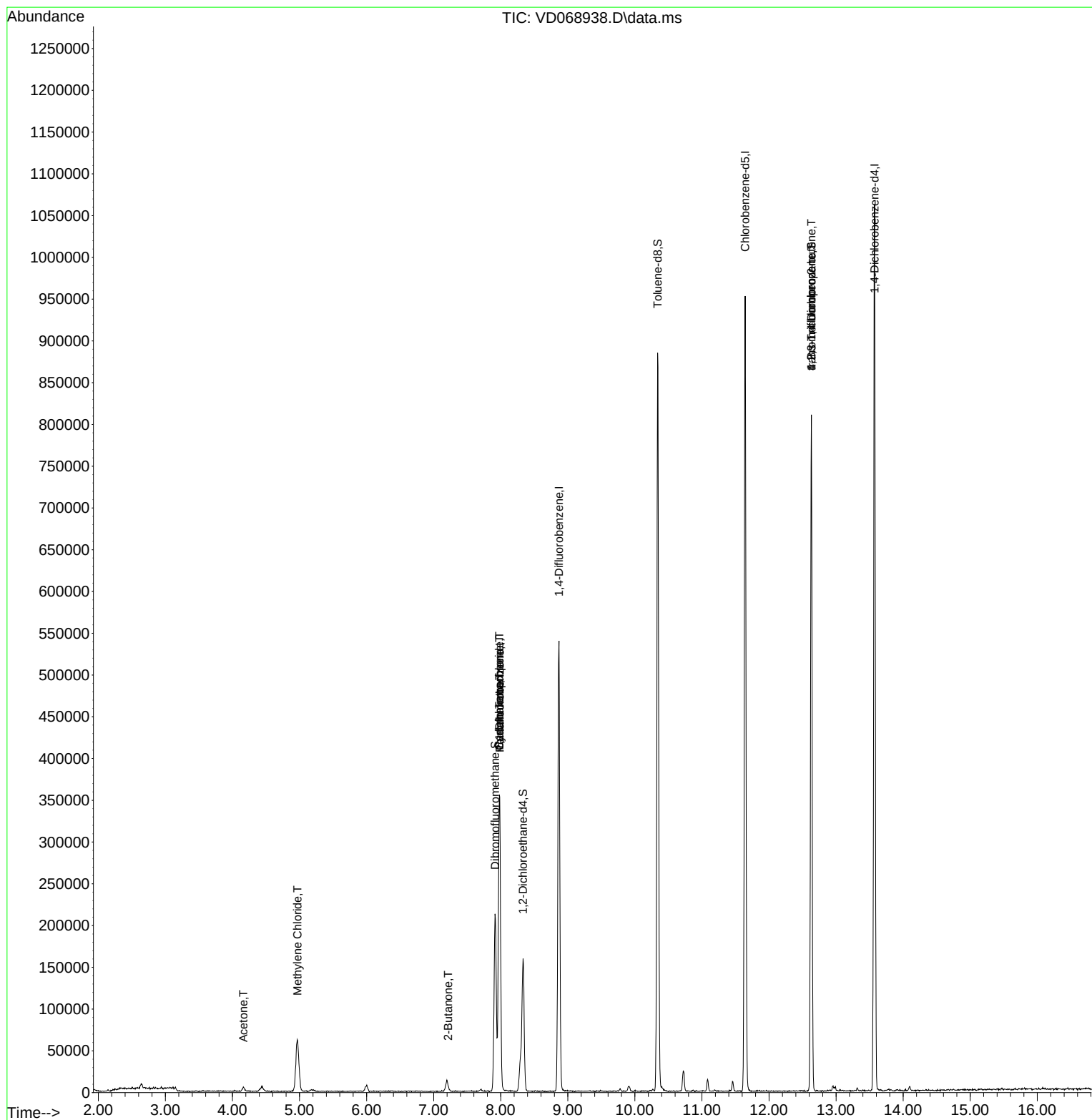
Internal Standards						
1) Pentafluorobenzene	7.985	168	283403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	486867	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	575300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	289054	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	124177	41.46	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	82.92%		
35) Dibromofluoromethane	7.914	113	152081	48.02	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.04%		
50) Toluene-d8	10.338	98	623306	52.18	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	104.36%		
62) 4-Bromofluorobenzene	12.632	95	249056	62.77	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	125.54%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.226	59	391	Below Cal	#	73
16) Acetone	4.162	43	7546	18.19	ug/l	100
20) Methylene Chloride	4.967	84	55898	13.09	ug/l	97
25) 2-Butanone	7.214	43	890	1.52	ug/l #	39
31) Cyclohexane	7.979	56	5783	1.16	ug/l #	11
36) 1,1-Dichloropropene	7.979	75	21815	4.43	ug/l #	48
38) Carbon Tetrachloride	7.979	117	27183	5.57	ug/l #	15
76) 1,2,3-Trichloropropane	12.632	75	124301	47.07	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	124301	109.24	ug/l #	16

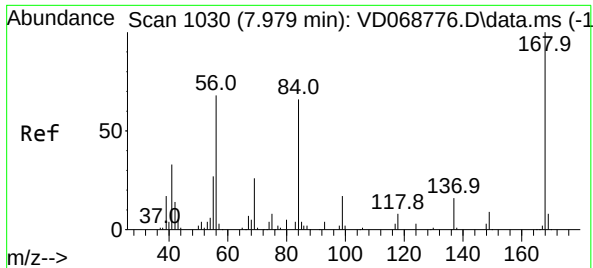
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042121\
Data File : VD068938.D
Acq On : 21 Apr 2021 20:33
Operator : VA/SY
Sample : M2106-21
Misc : 5.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 22 10:24:56 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

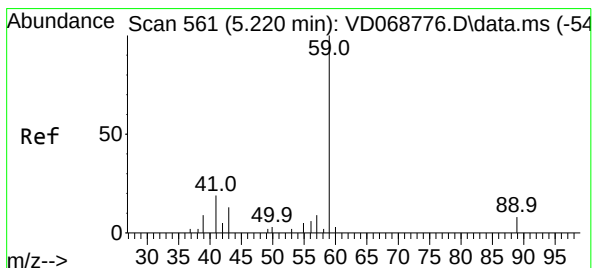
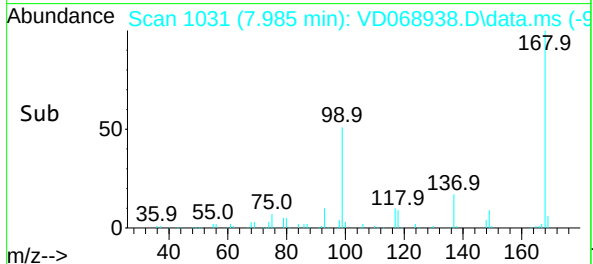
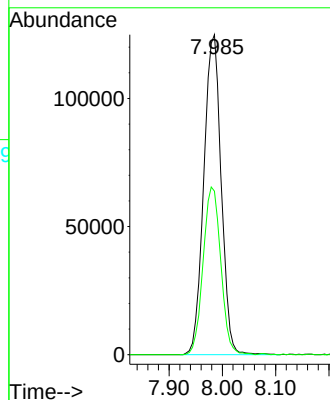
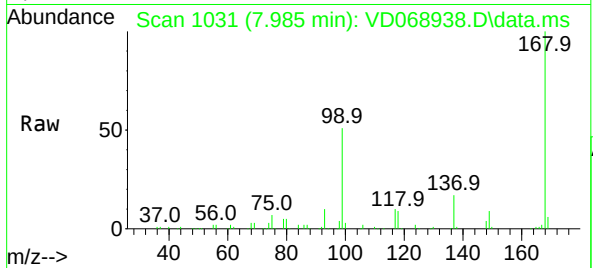




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068938.D
Acq: 21 Apr 2021 20:33

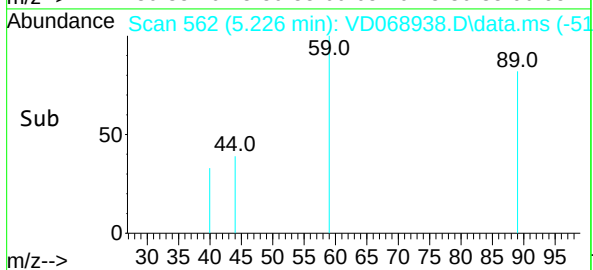
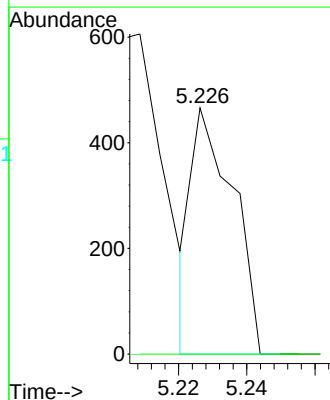
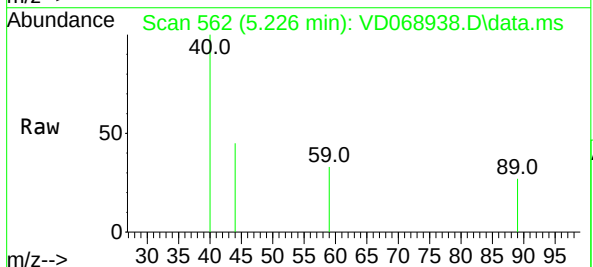
Instrument :
MSVOA_D
ClientSampled :

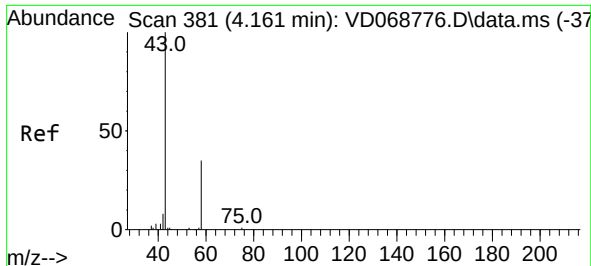
Tgt Ion:168 Resp: 283403
Ion Ratio Lower Upper
168 100
99 51.1 46.2 69.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD068938.D
Acq: 21 Apr 2021 20:33

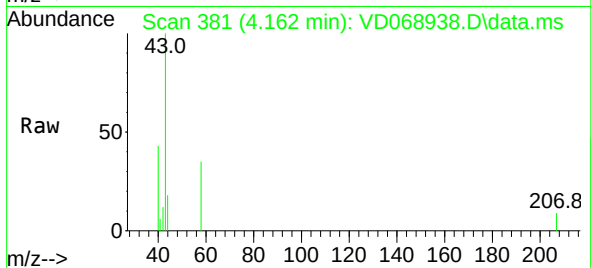
Tgt Ion: 59 Resp: 391
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



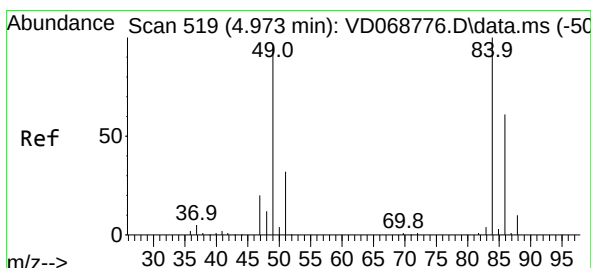
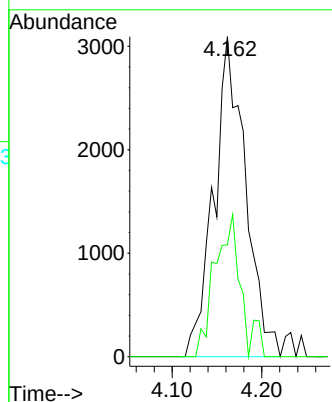
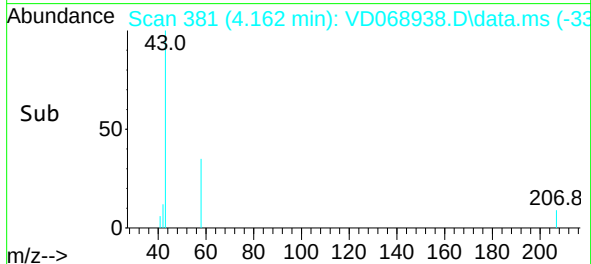


#16
Acetone
Concen: 18.19 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD068938.D
Acq: 21 Apr 2021 20:33

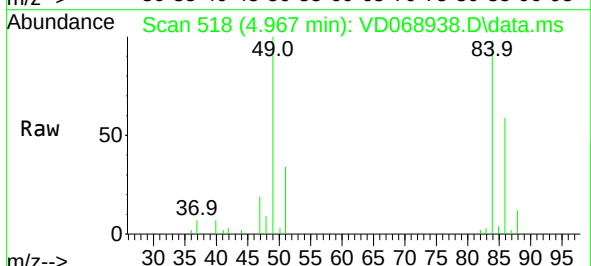
Instrument :
MSVOA_D
ClientSampled :



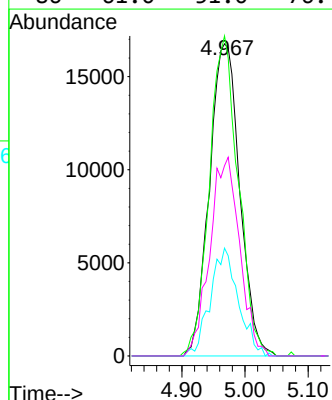
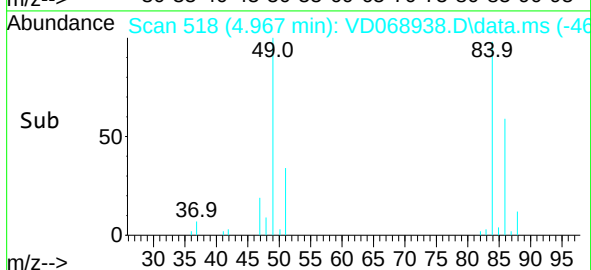
Tgt Ion: 43 Resp: 7546
Ion Ratio Lower Upper
43 100
58 35.0 28.0 42.0

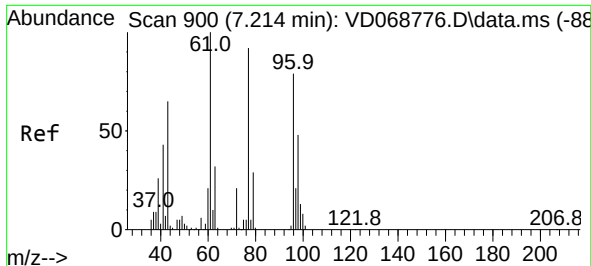


#20
Methylene Chloride
Concen: 13.09 ug/l
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068938.D
Acq: 21 Apr 2021 20:33



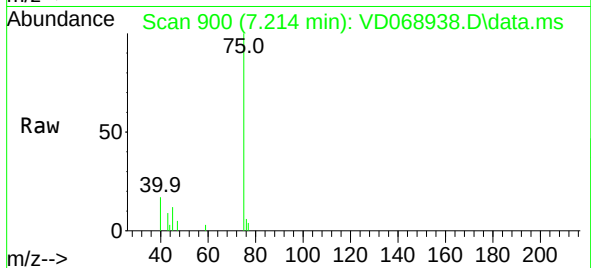
Tgt Ion: 84 Resp: 55898
Ion Ratio Lower Upper
84 100
49 102.5 83.4 125.0
51 34.6 23.4 35.2
86 61.0 51.0 76.4



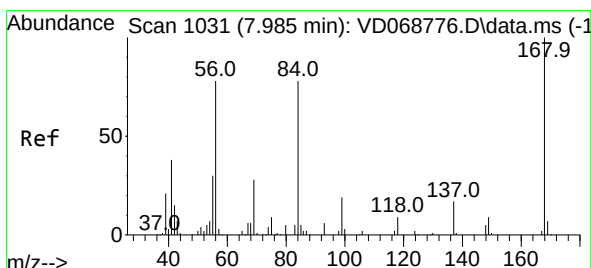
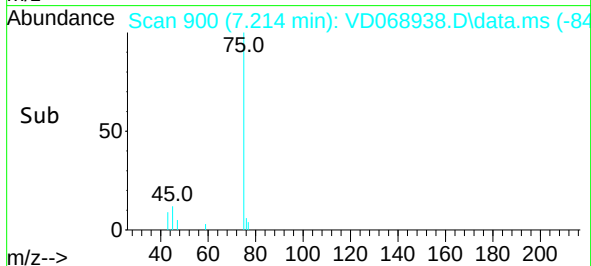
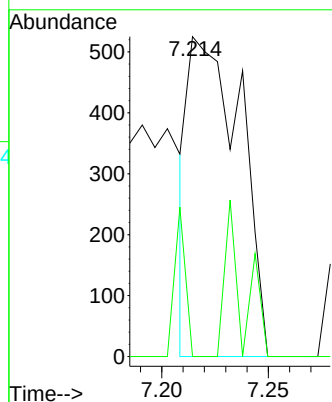


#25
2-Butanone
Concen: 1.52 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068938.D
Acq: 21 Apr 2021 20:33

Instrument :
MSVOA_D
ClientSampled :

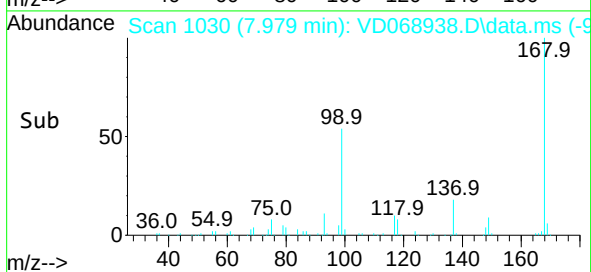
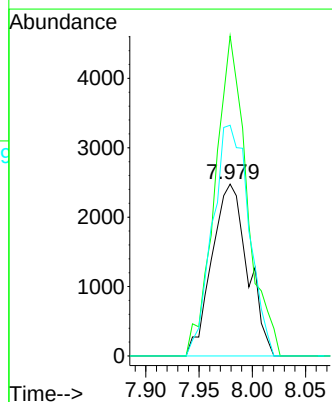
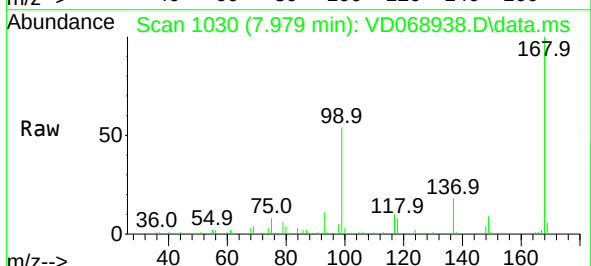


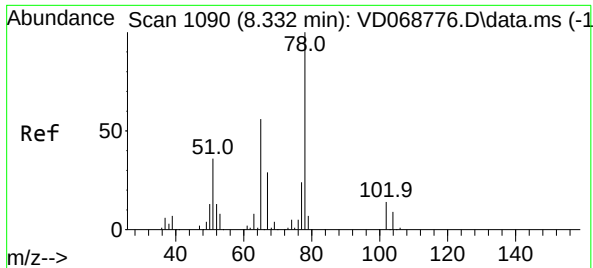
Tgt Ion: 43 Resp: 890
Ion Ratio Lower Upper
43 100
72 0.0 28.6 43.0#



#31
Cyclohexane
Concen: 1.16 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068938.D
Acq: 21 Apr 2021 20:33

Tgt Ion: 56 Resp: 5783
Ion Ratio Lower Upper
56 100
69 186.2 30.0 45.0#
84 134.2 82.0 123.0#



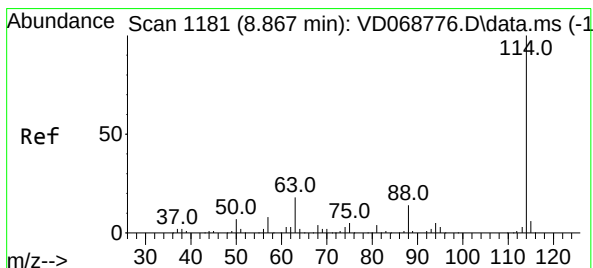
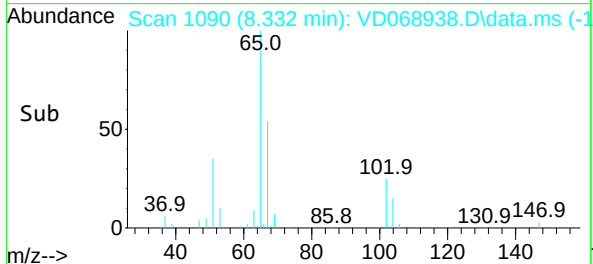
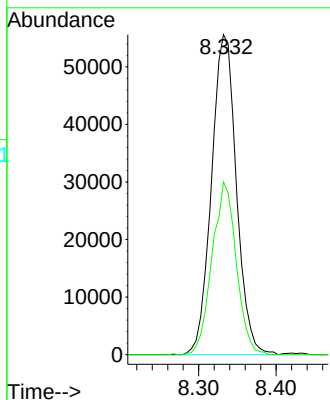
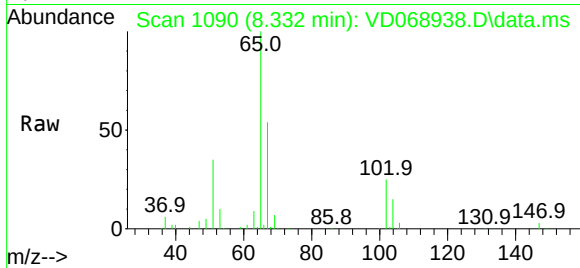


#33
 1,2-Dichloroethane-d4
 Concen: 41.46 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. -0.000 min
 Lab File: VD068938.D
 Acq: 21 Apr 2021 20:33

Instrument :
 MSVOA_D
 ClientSampled :

Tgt Ion: 65 Resp: 124177

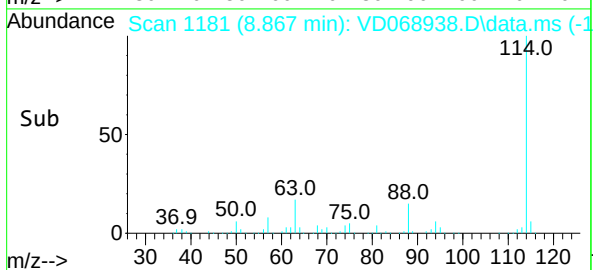
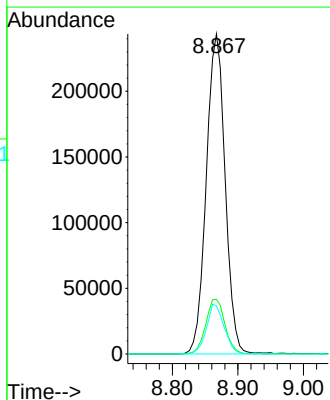
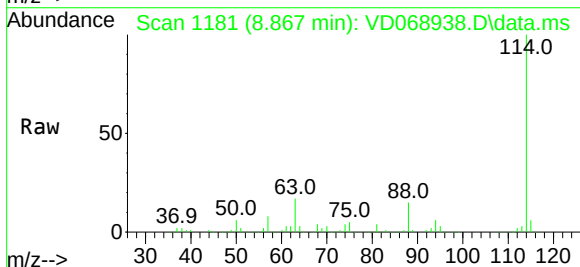
Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	106.0

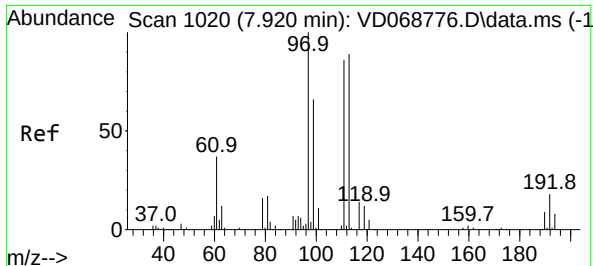


#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: VD068938.D
 Acq: 21 Apr 2021 20:33

Tgt Ion: 114 Resp: 486867

Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	38.2
88	15.1	0.0	29.4





#35

Dibromofluoromethane

Concen: 48.02 ug/l

RT: 7.914 min Scan# 1019

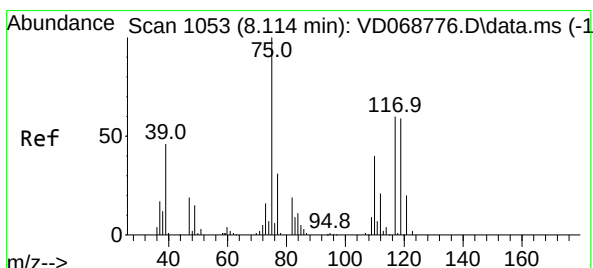
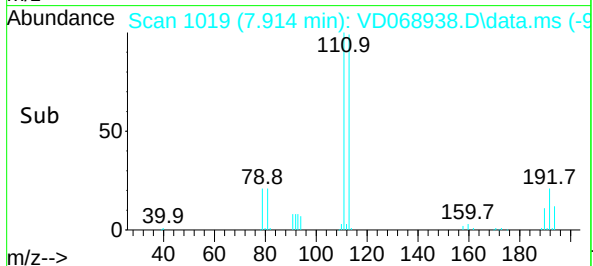
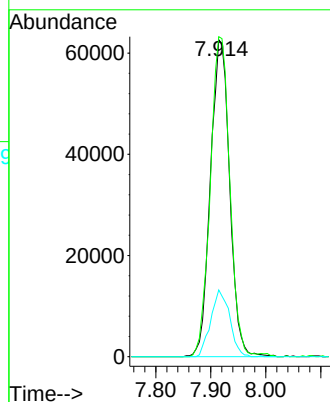
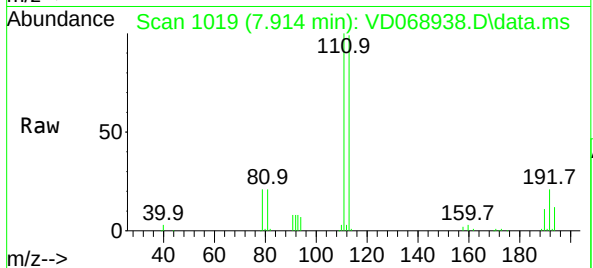
Delta R.T. -0.006 min

Lab File: VD068938.D

Acq: 21 Apr 2021 20:33

Tgt Ion:	113	Resp:	152081
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.5	123.7
192	20.7	15.1	22.7

Instrument :
MSVOA_D
ClientSampled :



#36

1,1-Dichloropropene

Concen: 4.43 ug/l

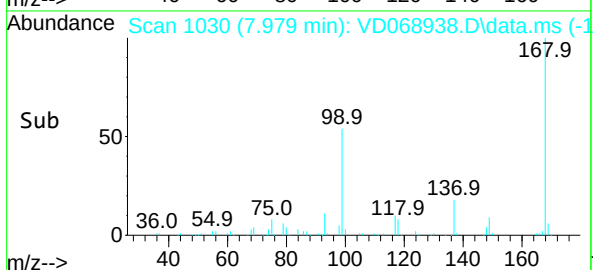
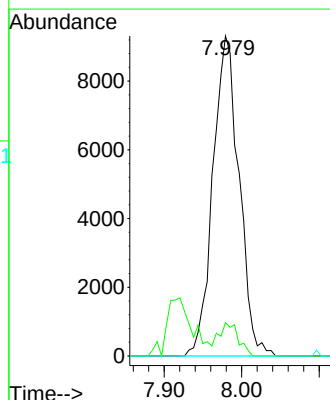
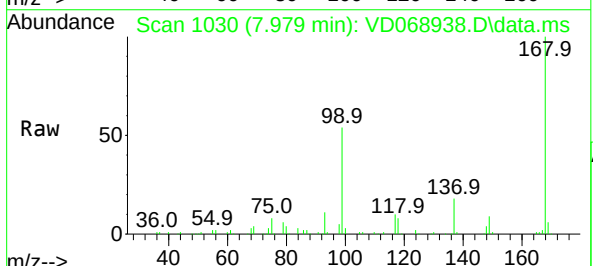
RT: 7.979 min Scan# 1030

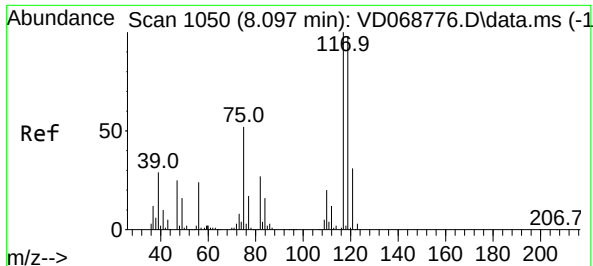
Delta R.T. -0.135 min

Lab File: VD068938.D

Acq: 21 Apr 2021 20:33

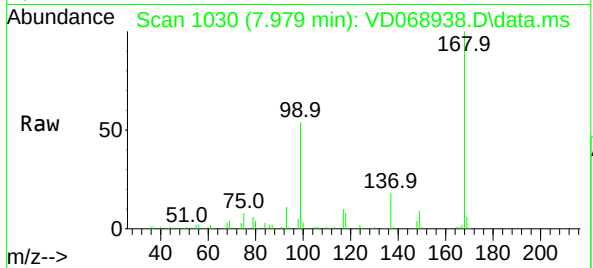
Tgt Ion:	75	Resp:	21815
Ion	Ratio	Lower	Upper
75	100		
110	7.8	18.1	54.4#
77	0.0	24.7	37.1#



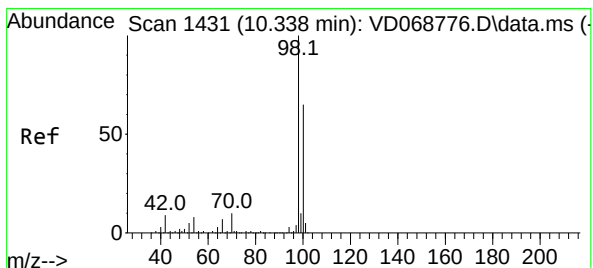
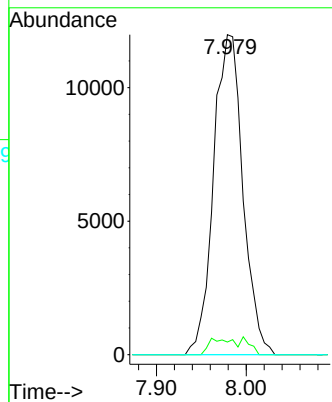
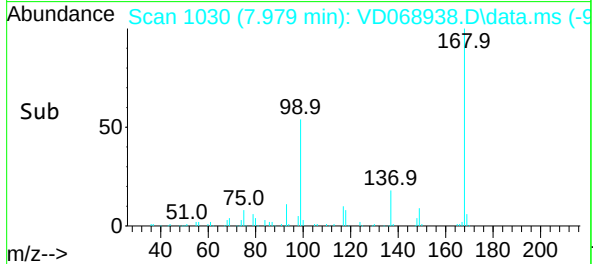


#38
Carbon Tetrachloride
Concen: 5.57 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068938.D
Acq: 21 Apr 2021 20:33

Instrument :
MSVOA_D
ClientSampled :

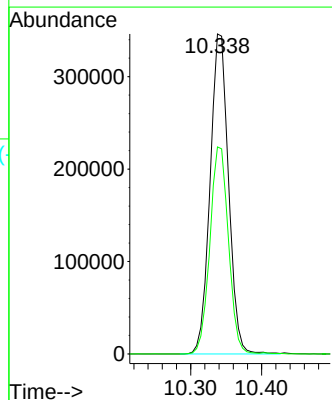
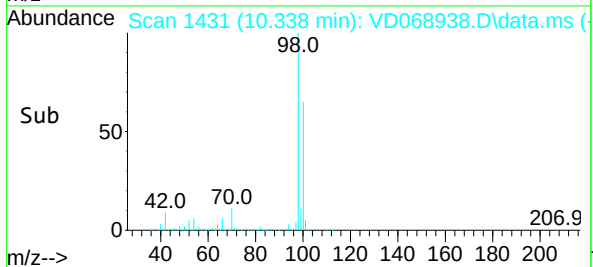
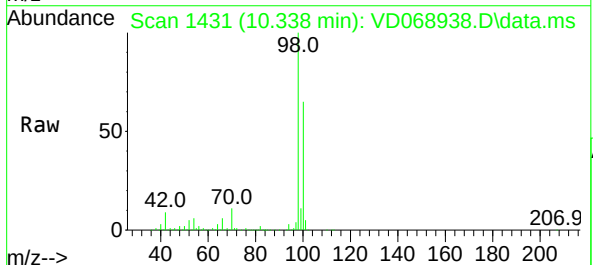


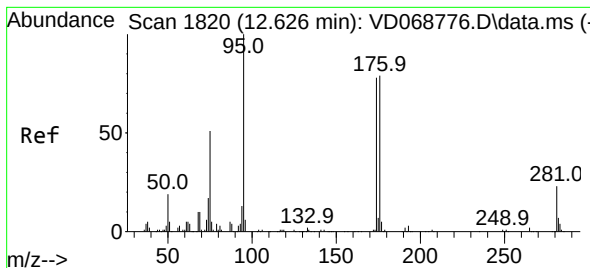
Tgt Ion:117 Resp: 27183
Ion Ratio Lower Upper
117 100
119 3.9 76.6 115.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 52.18 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068938.D
Acq: 21 Apr 2021 20:33

Tgt Ion: 98 Resp: 623306
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6

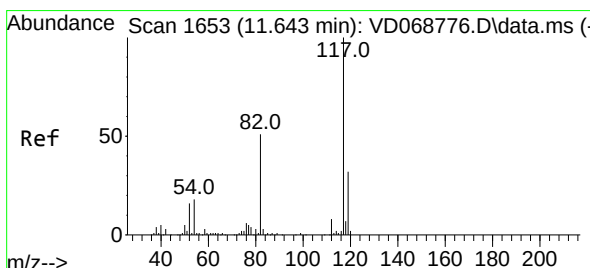
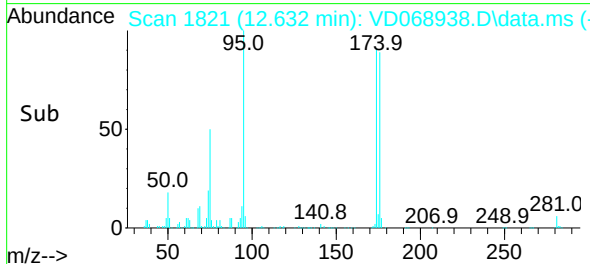
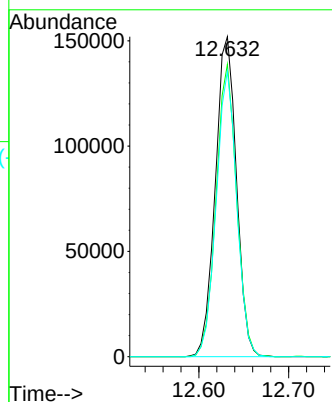
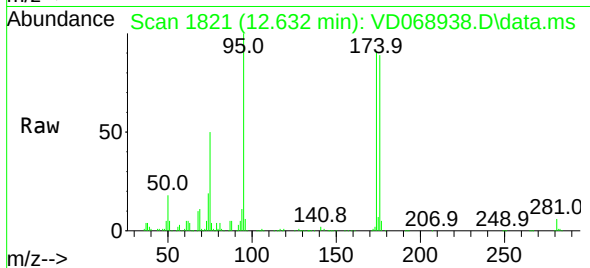




#62
4-Bromofluorobenzene
Concen: 62.77 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068938.D
Acq: 21 Apr 2021 20:33

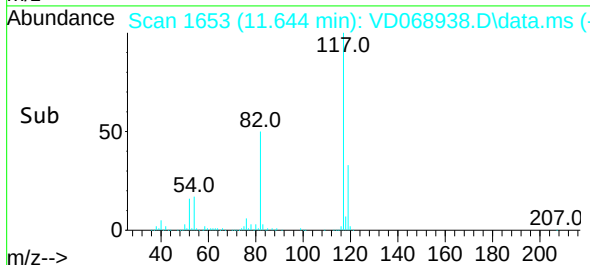
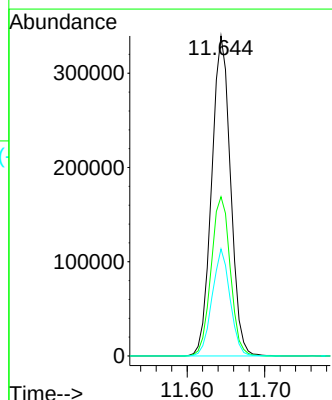
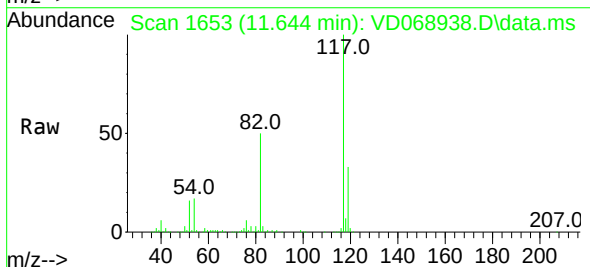
Instrument :
MSVOA_D
ClientSampleId :

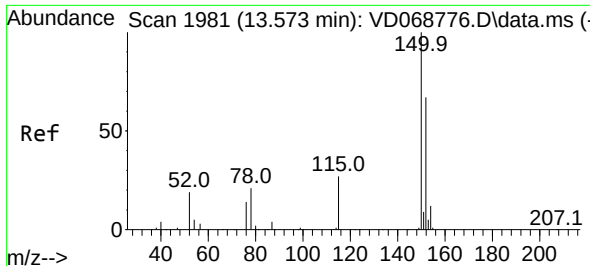
Tgt Ion: 95 Resp: 249056
Ion Ratio Lower Upper
95 100
174 88.7 0.0 168.0
176 86.3 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068938.D
Acq: 21 Apr 2021 20:33

Tgt Ion:117 Resp: 575300
Ion Ratio Lower Upper
117 100
82 49.8 43.5 65.3
119 33.4 26.7 40.1

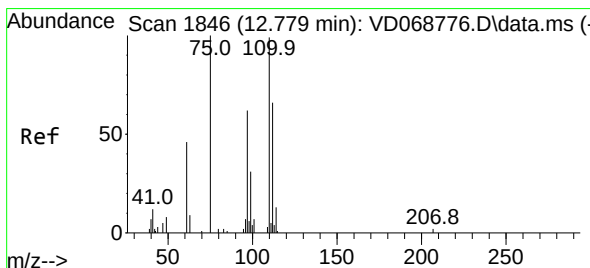
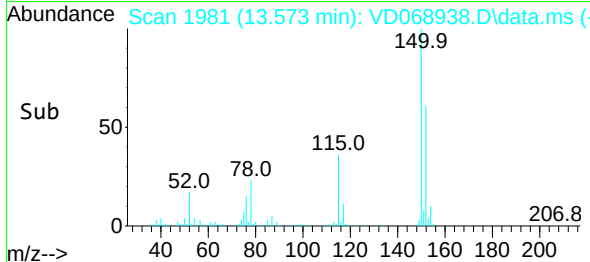
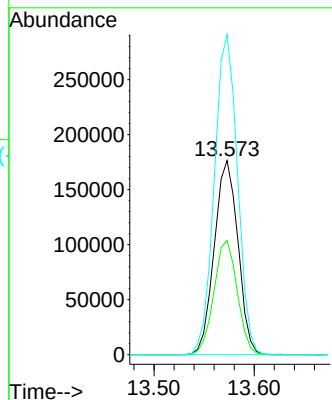
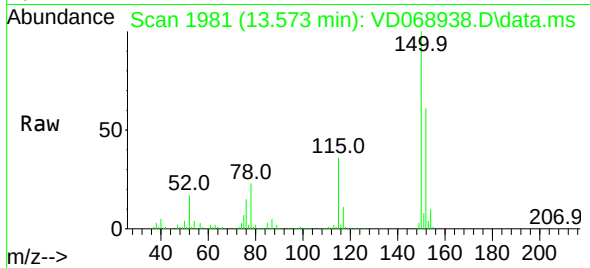




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068938.D
Acq: 21 Apr 2021 20:33

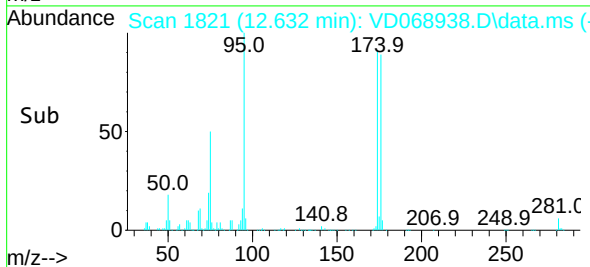
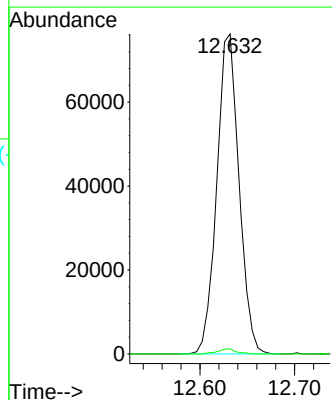
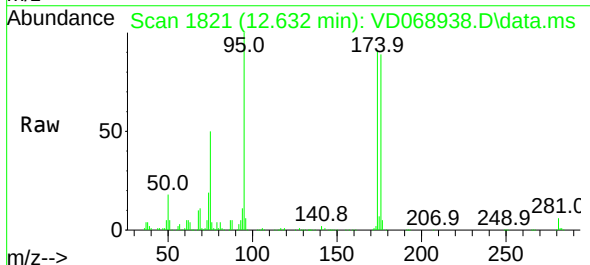
Instrument :
MSVOA_D
ClientSampleId :

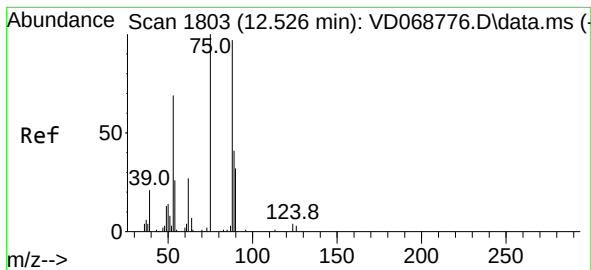
Tgt Ion:152 Resp: 289054
Ion Ratio Lower Upper
152 100
115 58.0 29.3 87.8
150 161.4 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 47.07 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068938.D
Acq: 21 Apr 2021 20:33

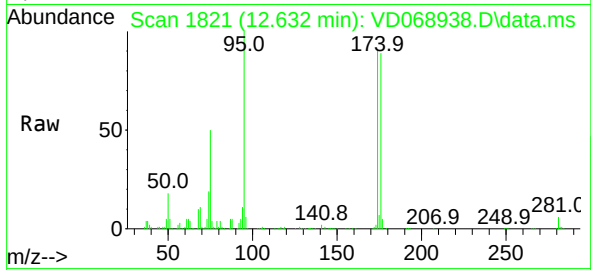
Tgt Ion: 75 Resp: 124301
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 109.24 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068938.D
Acq: 21 Apr 2021 20:33

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	66.8	100.2#
89	0.0	36.6	54.8#

