

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041621\
 Data File : VD068875.D
 Acq On : 16 Apr 2021 14:56
 Operator : VA/SY
 Sample : M2049-02
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-08-0-2.0

Quant Time: Apr 16 23:50:07 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)

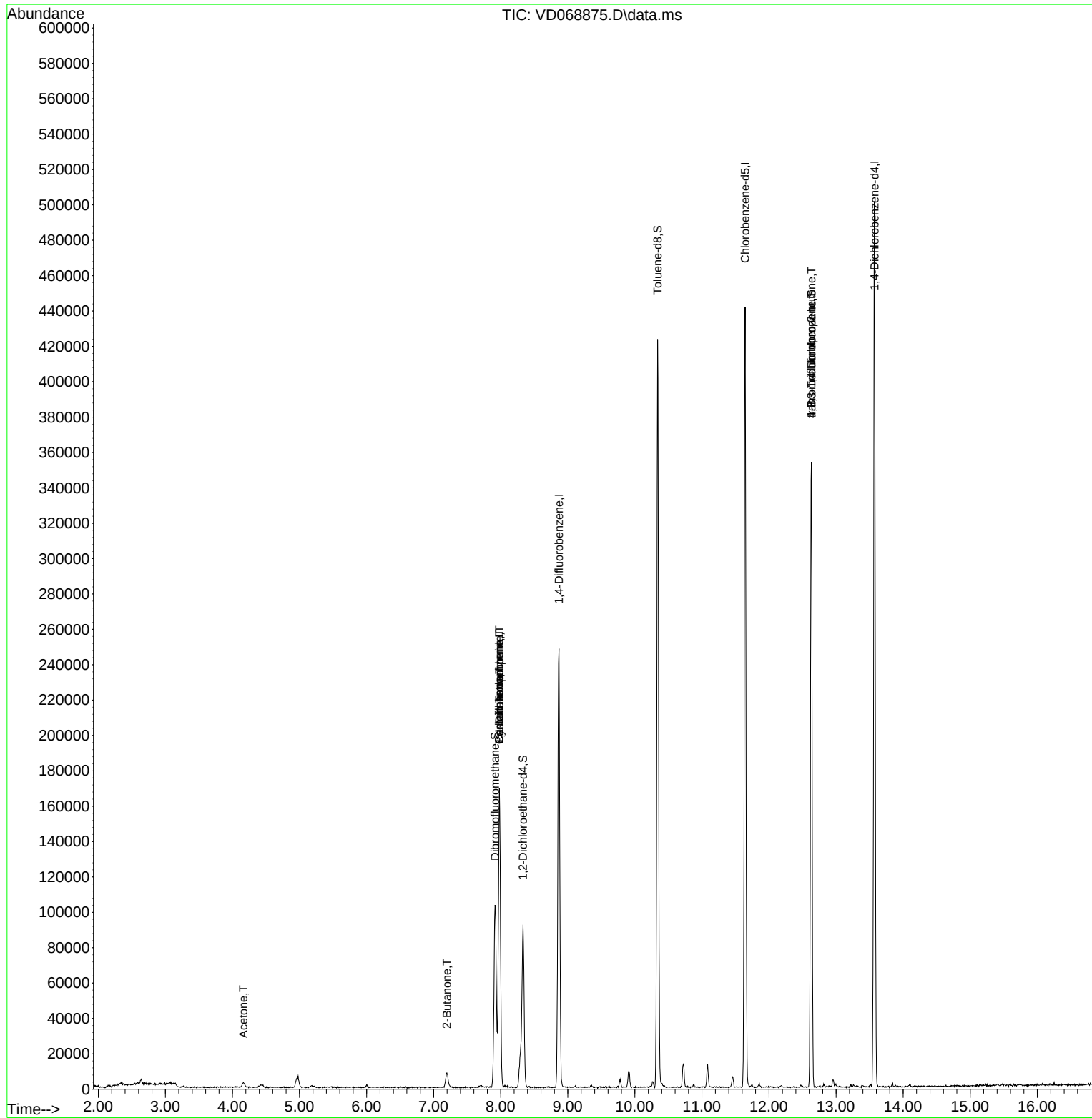
Internal Standards						
1) Pentafluorobenzene	7.979	168	127535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	227844	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	266544	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	135679	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	68836	51.07	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 102.14%		
35) Dibromofluoromethane	7.914	113	77132	52.05	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 104.10%		
50) Toluene-d8	10.338	98	296982	53.12	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 106.24%		
62) 4-Bromofluorobenzene	12.632	95	115298	62.10	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 124.20%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.220	59	118	Below Cal	#	73
16) Acetone	4.162	43	4887	26.18	ug/l #	84
20) Methylene Chloride	4.968	84	5668	Below Cal	#	95
25) 2-Butanone	7.197	43	468	1.77	ug/l #	39
31) Cyclohexane	7.979	56	2893	1.29	ug/l #	29
36) 1,1-Dichloropropene	7.979	75	9412	4.08	ug/l #	48
38) Carbon Tetrachloride	7.979	117	12137	5.32	ug/l #	17
76) 1,2,3-Trichloropropane	12.632	75	56534	45.61	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	56534	105.85	ug/l #	16

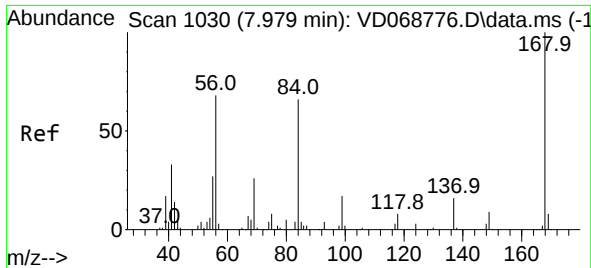
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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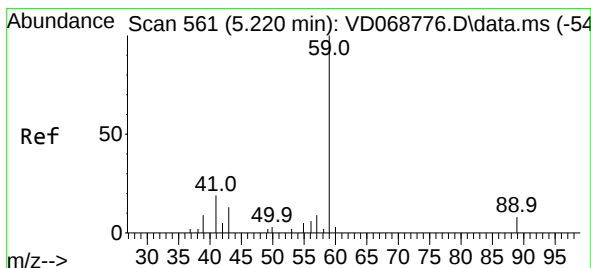
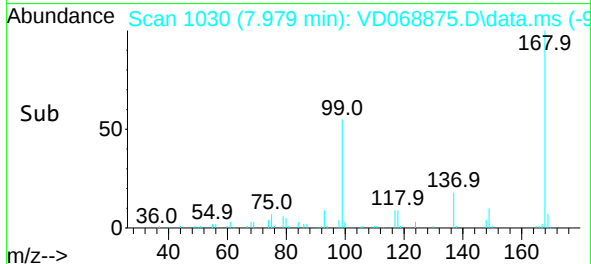
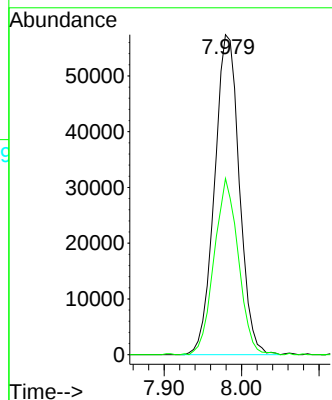
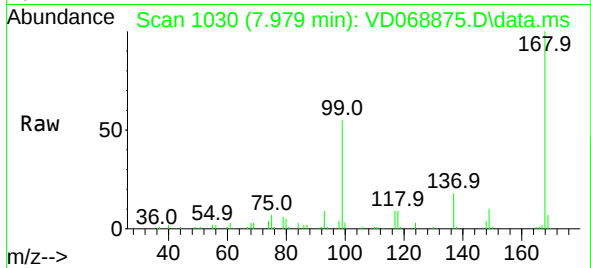




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068875.D
Acq: 16 Apr 2021 14:56

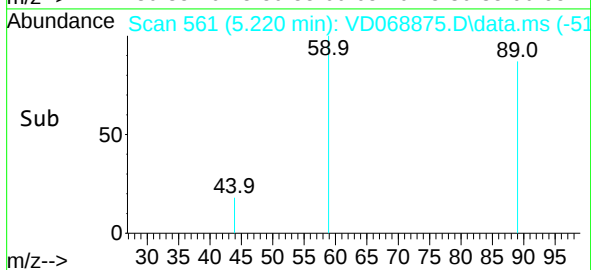
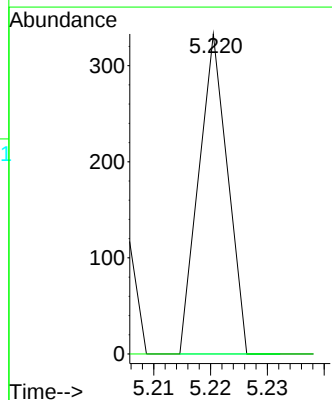
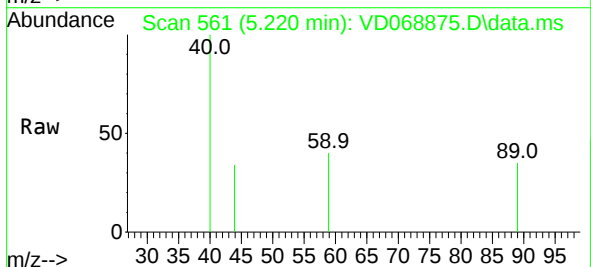
Instrument :
MSVOA_D
ClientSampleId :
SB-08-0-2.0

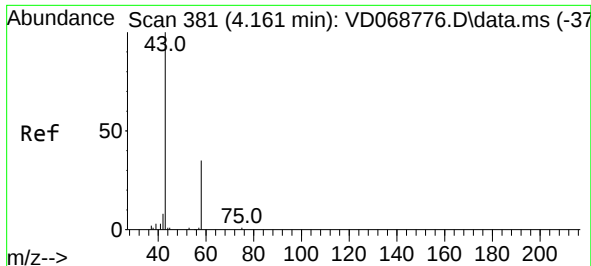
Tgt Ion:168 Resp: 127535
Ion Ratio Lower Upper
168 100
99 55.1 46.2 69.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD068875.D
Acq: 16 Apr 2021 14:56

Tgt Ion: 59 Resp: 118
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

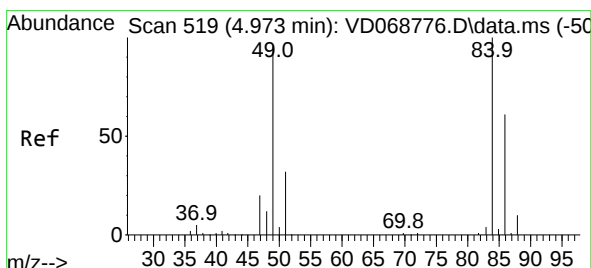
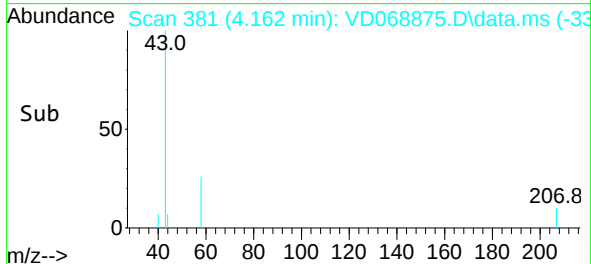
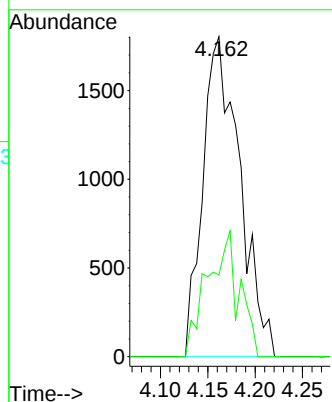
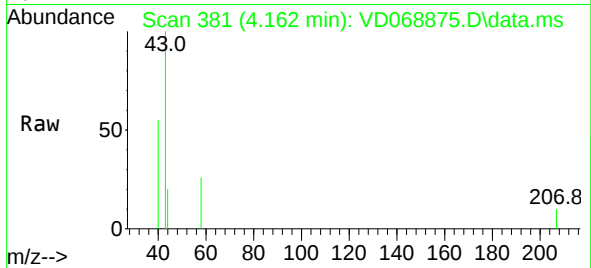




#16
Acetone
Concen: 26.18 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD068875.D
Acq: 16 Apr 2021 14:56

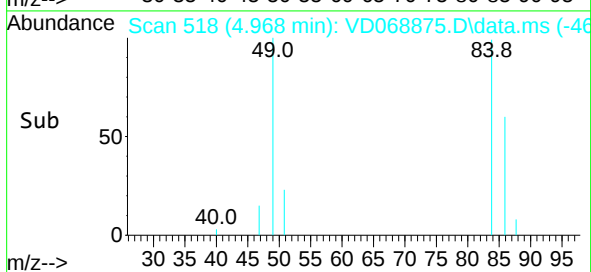
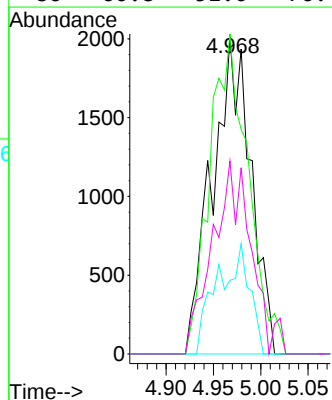
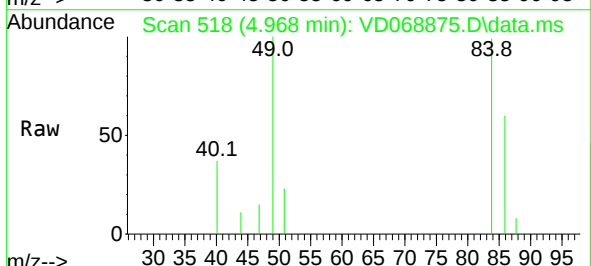
Instrument :
MSVOA_D
ClientSampleId :
SB-08-0-2.0

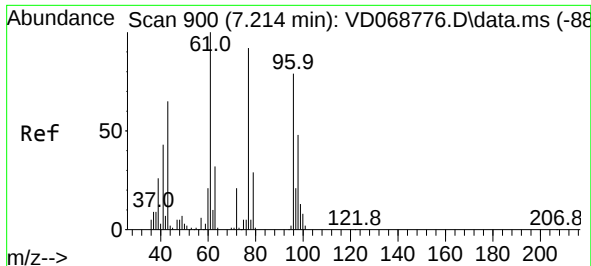
Tgt Ion: 43 Resp: 4887
Ion Ratio Lower Upper
43 100
58 25.6 28.0 42.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 518
Delta R.T. -0.005 min
Lab File: VD068875.D
Acq: 16 Apr 2021 14:56

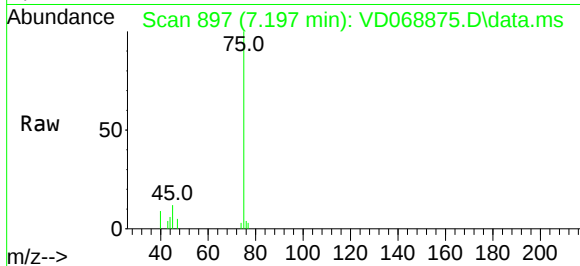
Tgt Ion: 84 Resp: 5668
Ion Ratio Lower Upper
84 100
49 100.8 83.4 125.0
51 23.2 23.4 35.2#
86 60.8 51.0 76.4



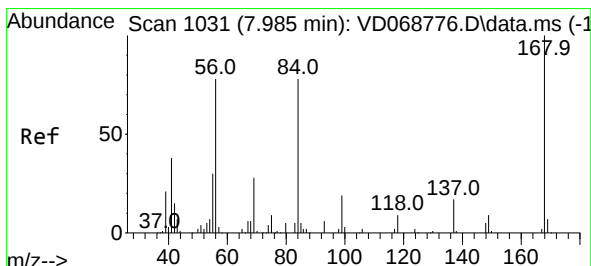
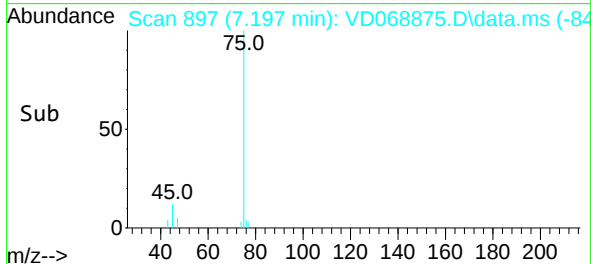
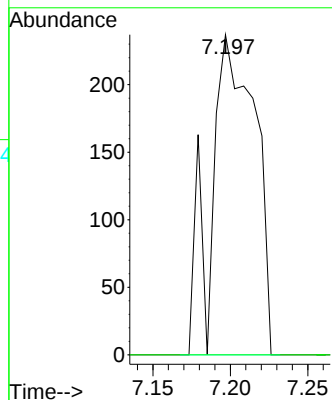


#25
2-Butanone
Concen: 1.77 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.017 min
Lab File: VD068875.D
Acq: 16 Apr 2021 14:56

Instrument :
MSVOA_D
ClientSampleId :
SB-08-0-2.0

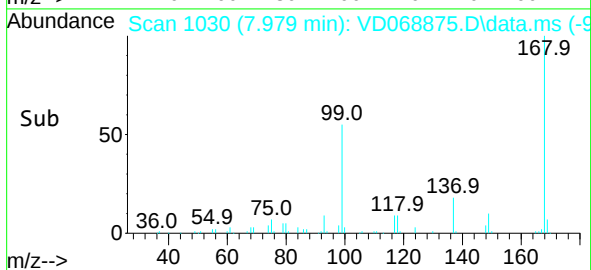
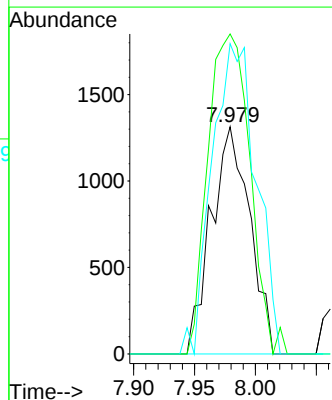
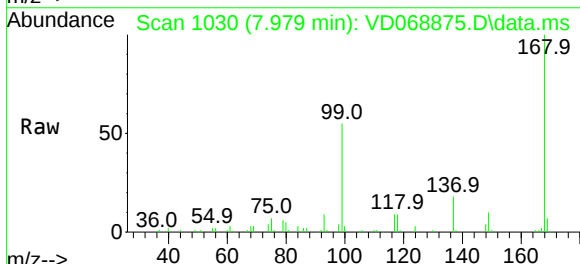


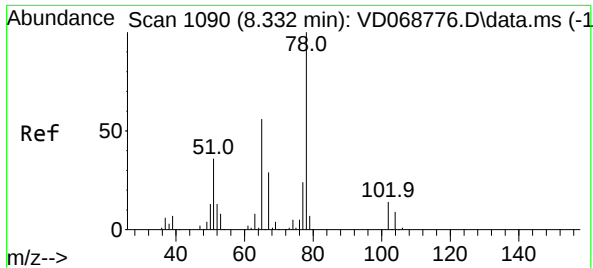
Tgt Ion: 43 Resp: 468
Ion Ratio Lower Upper
43 100
72 0.0 28.6 43.0#



#31
Cyclohexane
Concen: 1.29 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068875.D
Acq: 16 Apr 2021 14:56

Tgt Ion: 56 Resp: 2893
Ion Ratio Lower Upper
56 100
69 140.9 30.0 45.0#
84 136.6 82.0 123.0#

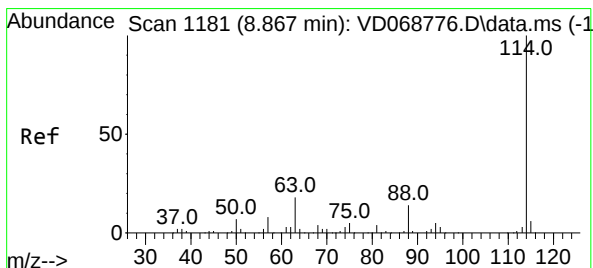
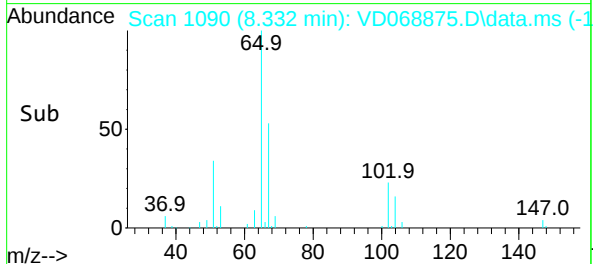
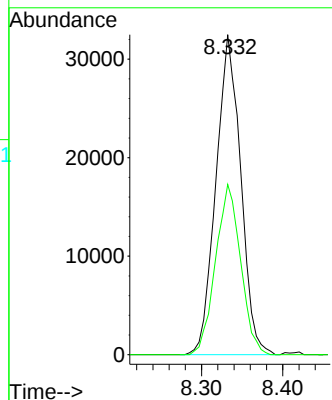
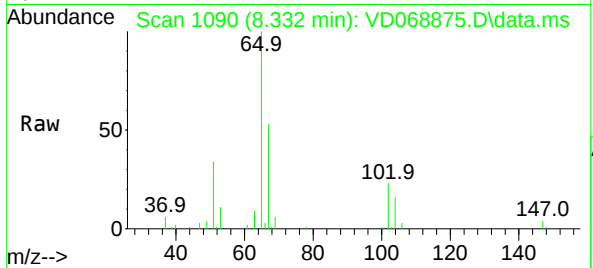




#33
1,2-Dichloroethane-d4
Concen: 51.07 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068875.D
Acq: 16 Apr 2021 14:56

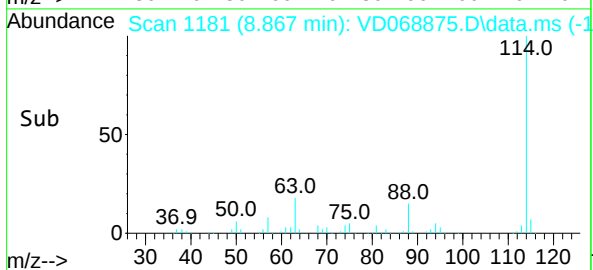
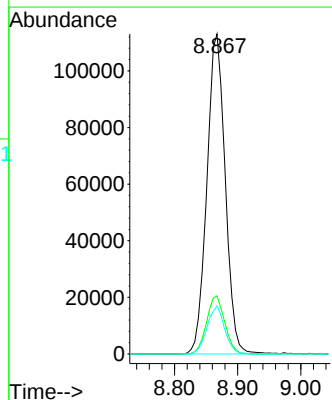
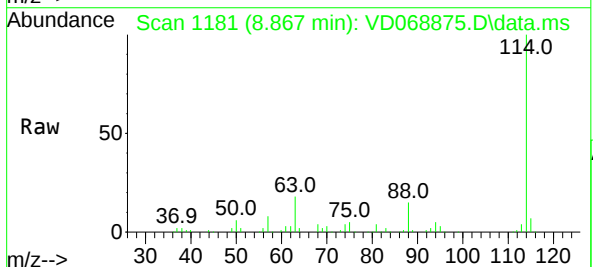
Instrument :
MSVOA_D
ClientSampleId :
SB-08-0-2.0

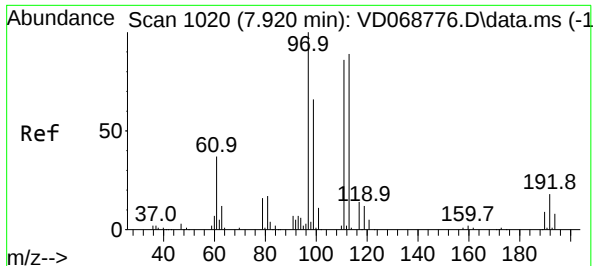
Tgt Ion: 65 Resp: 68836
Ion Ratio Lower Upper
65 100
67 53.8 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068875.D
Acq: 16 Apr 2021 14:56

Tgt Ion: 114 Resp: 227844
Ion Ratio Lower Upper
114 100
63 18.2 0.0 38.2
88 15.0 0.0 29.4





#35

Dibromofluoromethane

Concen: 52.05 ug/l

RT: 7.914 min Scan# 1019

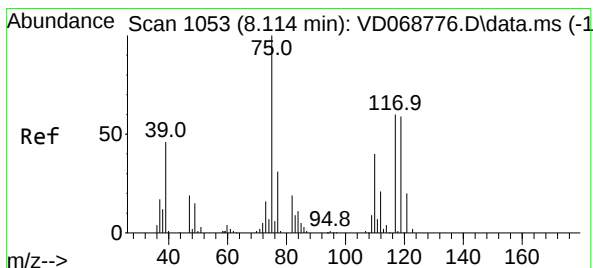
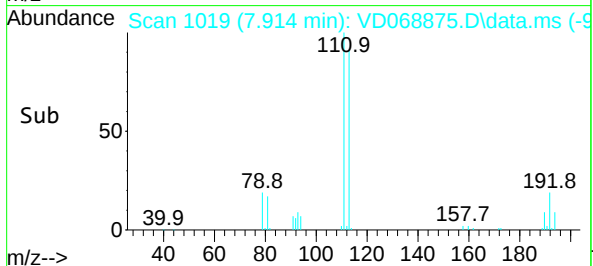
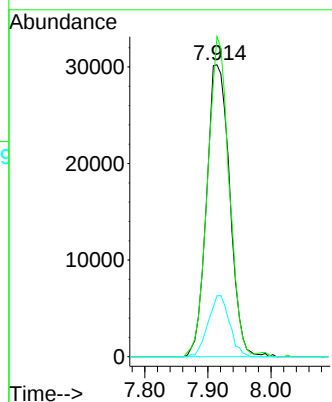
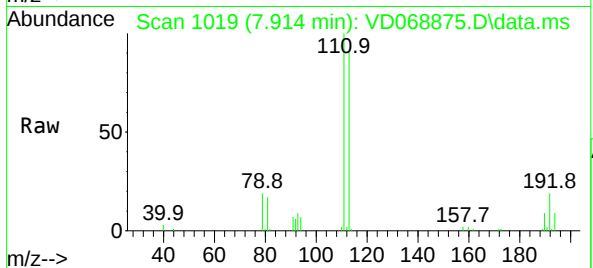
Delta R.T. -0.006 min

Lab File: VD068875.D

Acq: 16 Apr 2021 14:56

Tgt Ion:	113	Resp:	77132
Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.5	123.7
192	19.3	15.1	22.7

Instrument :
MSVOA_D
ClientSampleId :
SB-08-0-2.0



#36

1,1-Dichloropropene

Concen: 4.08 ug/l

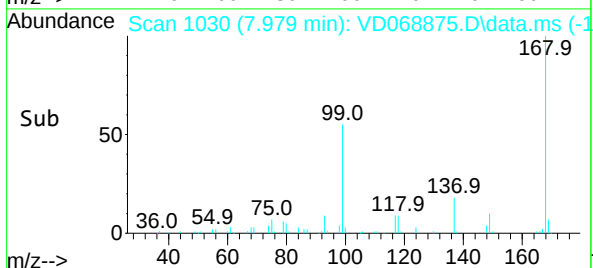
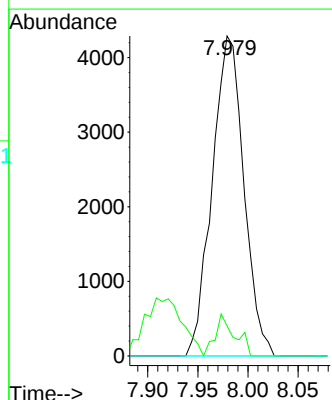
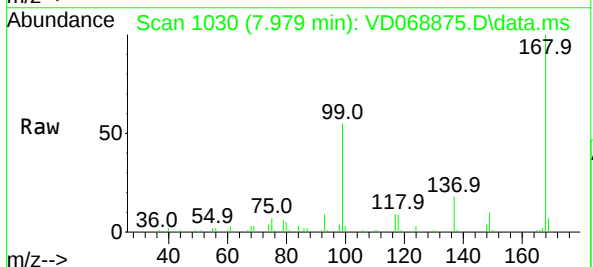
RT: 7.979 min Scan# 1030

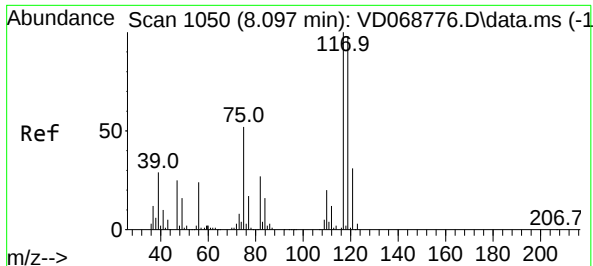
Delta R.T. -0.135 min

Lab File: VD068875.D

Acq: 16 Apr 2021 14:56

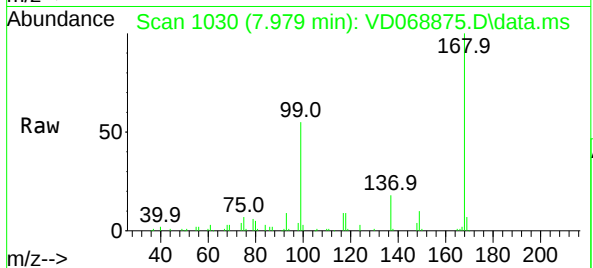
Tgt Ion:	75	Resp:	9412
Ion	Ratio	Lower	Upper
75	100		
110	8.1	18.1	54.4#
77	0.0	24.7	37.1#



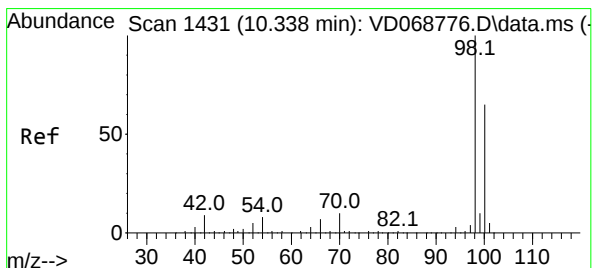
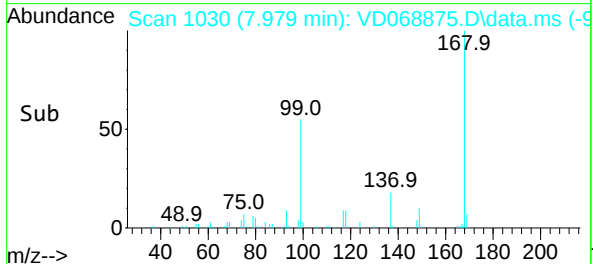
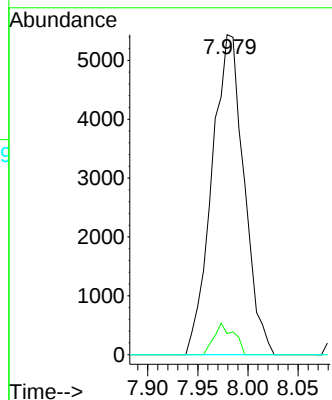


#38
Carbon Tetrachloride
Concen: 5.32 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068875.D
Acq: 16 Apr 2021 14:56

Instrument :
MSVOA_D
ClientSampleId :
SB-08-0-2.0

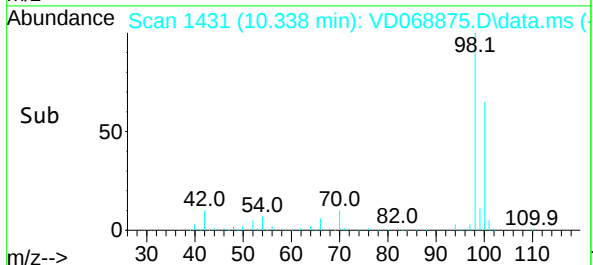
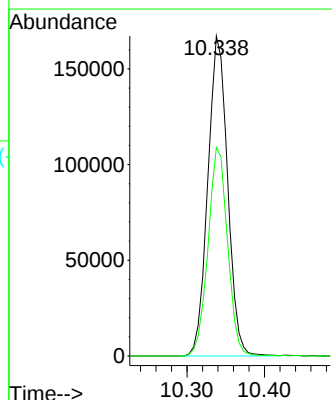
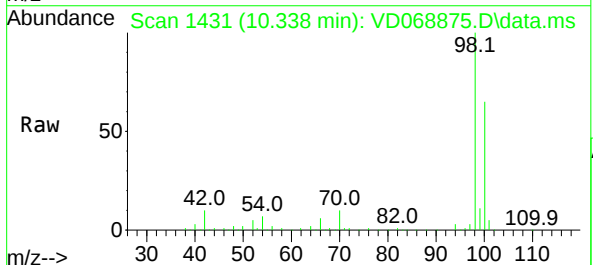


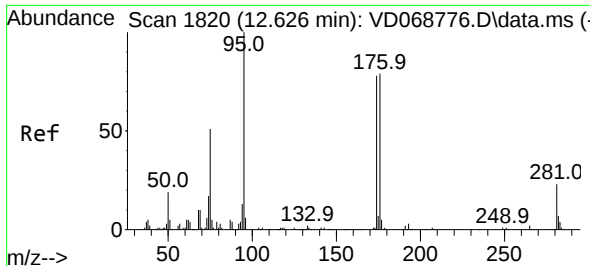
Tgt Ion:117 Resp: 12137
Ion Ratio Lower Upper
117 100
119 6.6 76.6 115.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 53.12 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068875.D
Acq: 16 Apr 2021 14:56

Tgt Ion: 98 Resp: 296982
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6

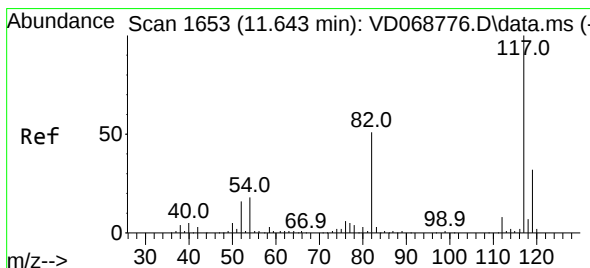
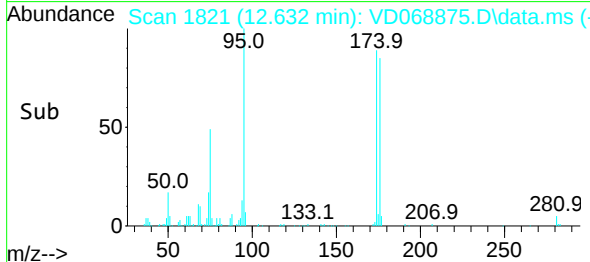
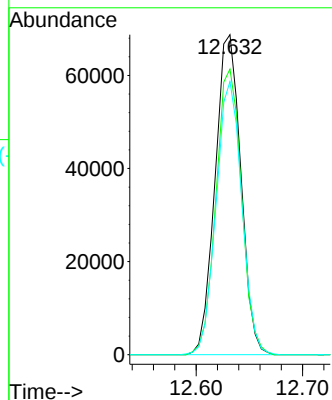
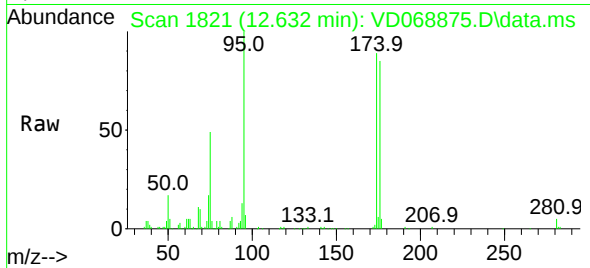




#62
4-Bromofluorobenzene
Concen: 62.10 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068875.D
Acq: 16 Apr 2021 14:56

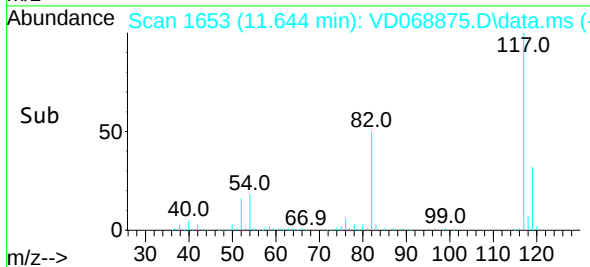
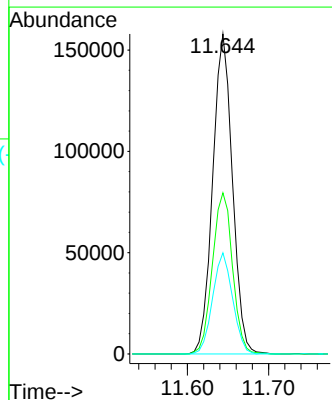
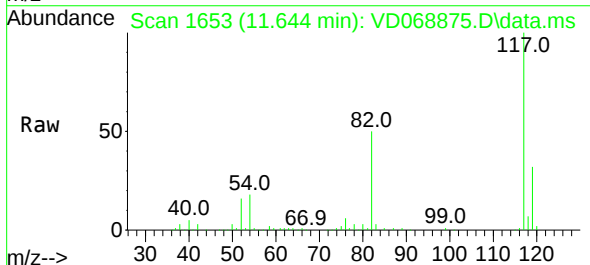
Instrument :
MSVOA_D
ClientSampleId :
SB-08-0-2.0

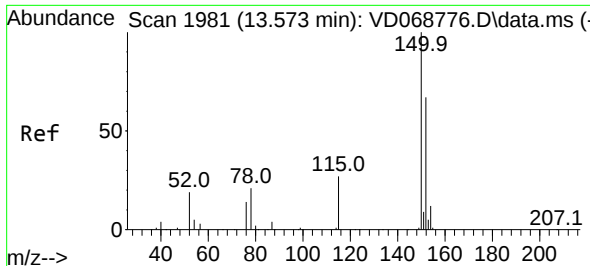
Tgt Ion: 95 Resp: 115298
Ion Ratio Lower Upper
95 100
174 88.7 0.0 168.0
176 85.2 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068875.D
Acq: 16 Apr 2021 14:56

Tgt Ion: 117 Resp: 266544
Ion Ratio Lower Upper
117 100
82 50.4 43.5 65.3
119 31.6 26.7 40.1

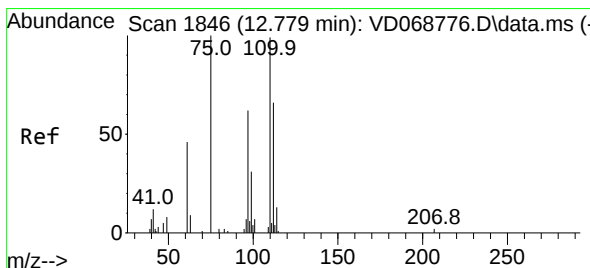
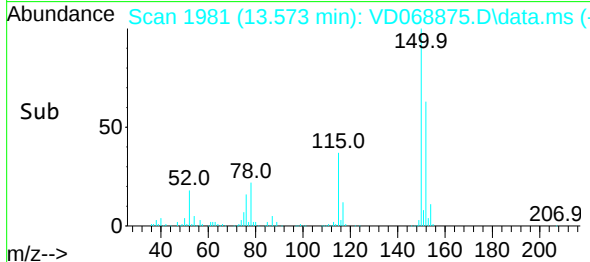
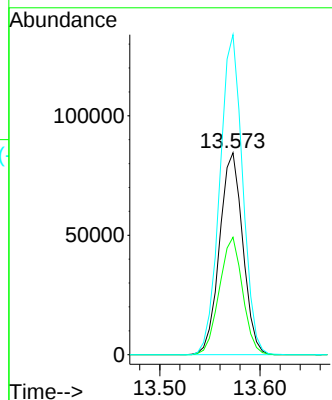
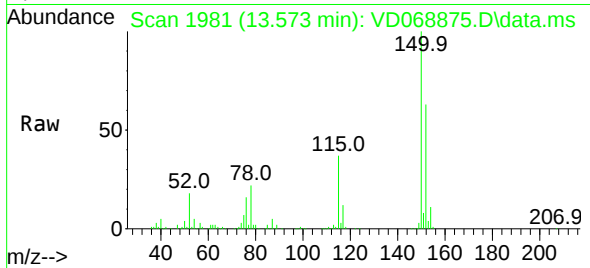




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068875.D
Acq: 16 Apr 2021 14:56

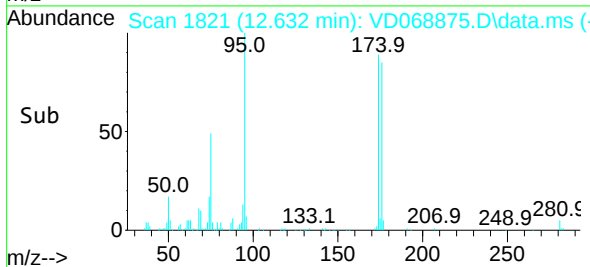
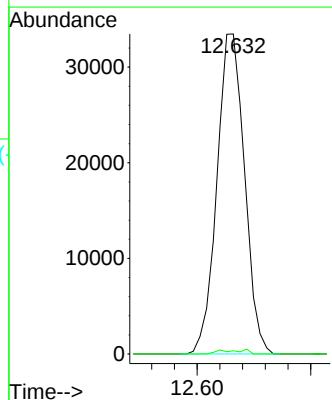
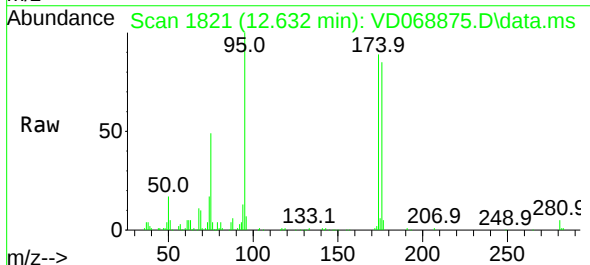
Instrument :
MSVOA_D
ClientSampleId :
SB-08-0-2.0

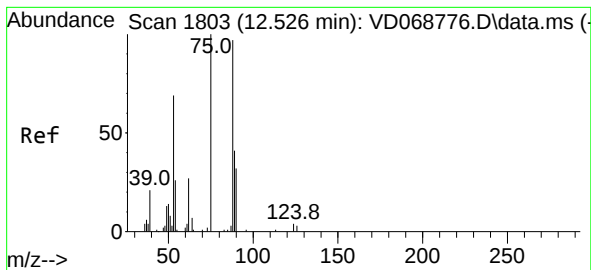
Tgt Ion:152 Resp: 135679
Ion Ratio Lower Upper
152 100
115 58.1 29.3 87.8
150 155.9 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 45.61 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068875.D
Acq: 16 Apr 2021 14:56

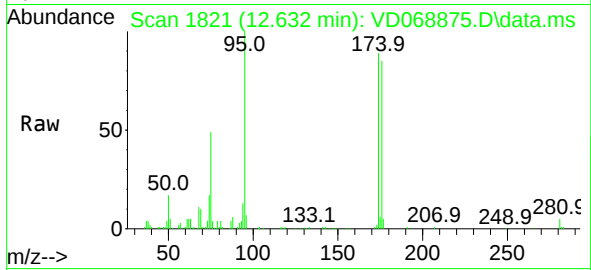
Tgt Ion: 75 Resp: 56534
Ion Ratio Lower Upper
75 100
77 0.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.85 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068875.D
 Acq: 16 Apr 2021 14:56

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-08-0-2.0



Tgt Ion: 75 Resp: 56534
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 36.6 54.8#

