

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062920\
 Data File : VD065893.D
 Acq On : 29 Jun 2020 18:17
 Operator : VA/SY
 Sample : L3157-06
 Misc : 6.96G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CB-D40

Quant Time: Jun 30 04:13:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 19:16:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	127593	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	216988	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	167962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	50398	50.00	ug/l	0.00

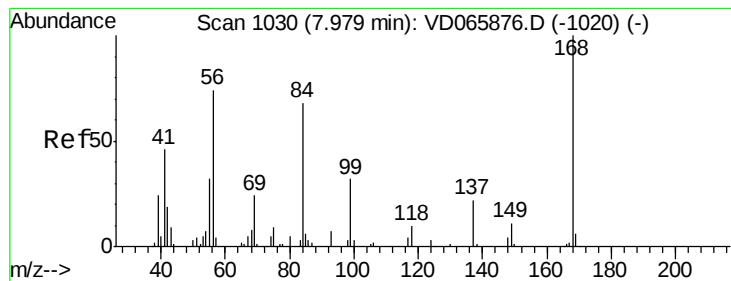
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	72077	54.37	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.74%	
35) Dibromofluoromethane	7.92	113	70963	52.91	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.82%	
50) Toluene-d8	10.34	98	230429	45.67	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.34%	
62) 4-Bromofluorobenzene	12.63	95	57814	34.98	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	69.96%	

Target Compounds

					Qvalue	
16) Acetone	4.16	43	877	3.377	ug/l #	51
20) Methylene Chloride	4.97	84	28049	17.142	ug/l #	90
31) Cyclohexane	7.98	56	3345	1.409	ug/l #	41
36) 1,1-Dichloropropene	7.98	75	11460	5.416	ug/l #	52
38) Carbon Tetrachloride	7.98	117	14166	6.200	ug/l #	15
51) 4-Methyl-2-Pentanone	10.34	43	1065	1.318	ug/l #	1
71) Bromoform	12.64	173	702	1.065	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	32907	74.620	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.64	75	32907	160.311	ug/l #	9

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD065893.D

Acq: 29 Jun 2020 18:17

Instrument :

MSVOA_D

ClientSampleId :

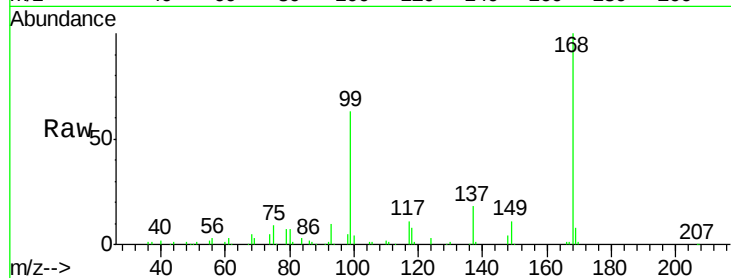
CB-D40

Tot Ion:168 Resp: 127593

Ion Ratio Lower Upper

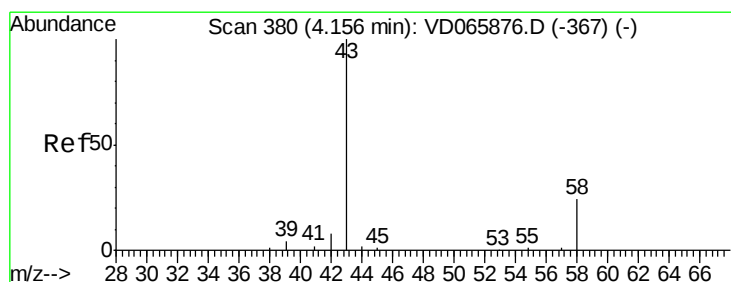
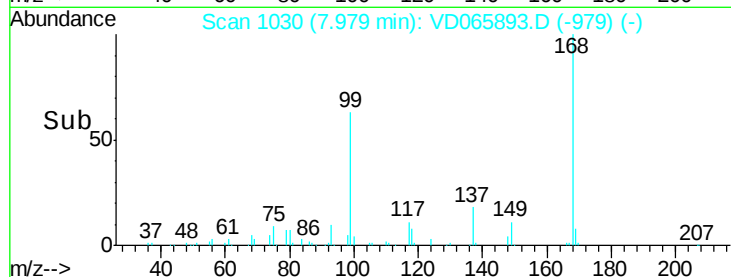
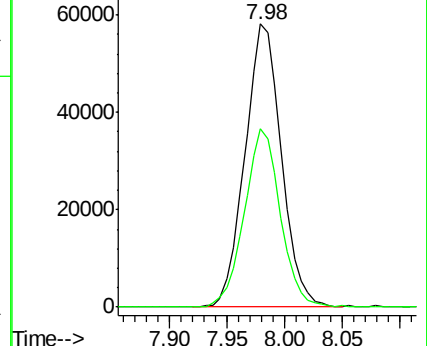
168 100

99 63.1 51.3 76.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 3.377 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD065893.D

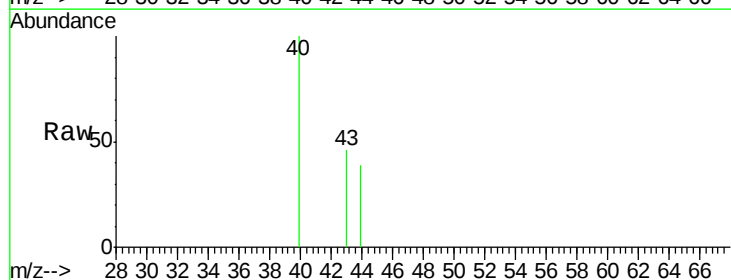
Acq: 29 Jun 2020 18:17

Tgt Ion: 43 Resp: 877

Ion Ratio Lower Upper

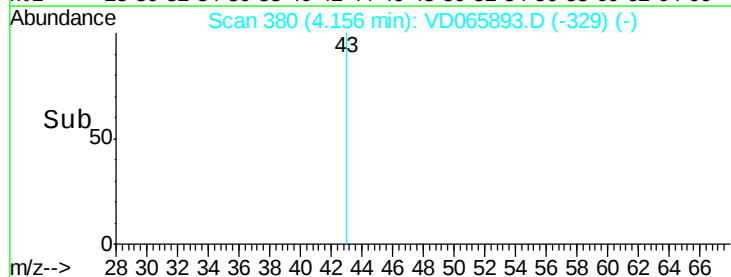
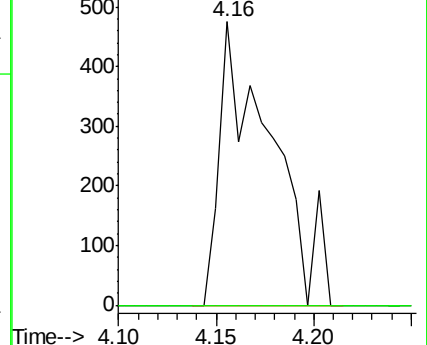
43 100

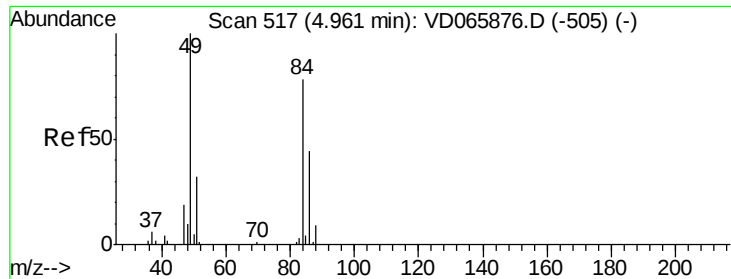
58 0.0 19.5 29.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

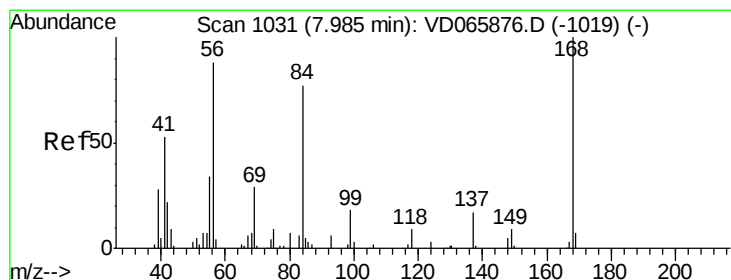
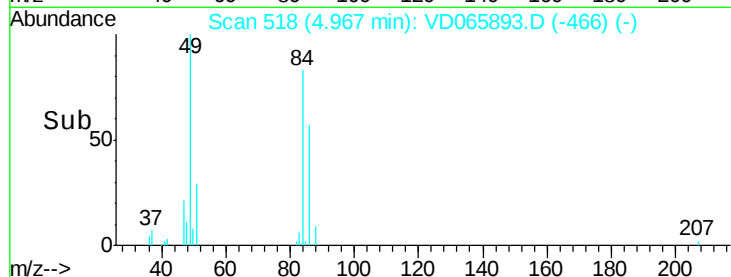
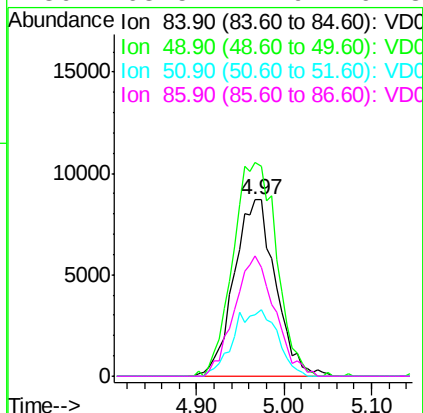
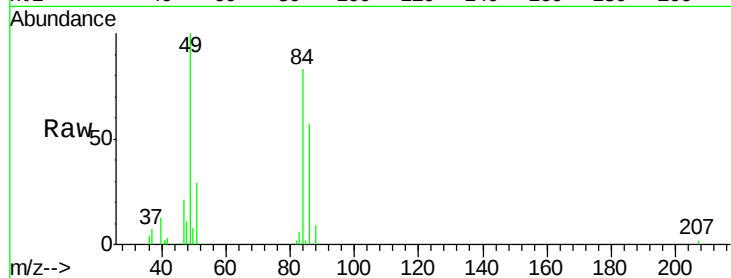




#20
Methylene Chloride
Concen: 17.142 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD065893.D
Acq: 29 Jun 2020 18:17

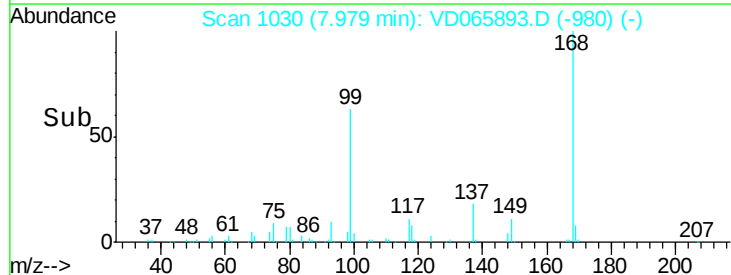
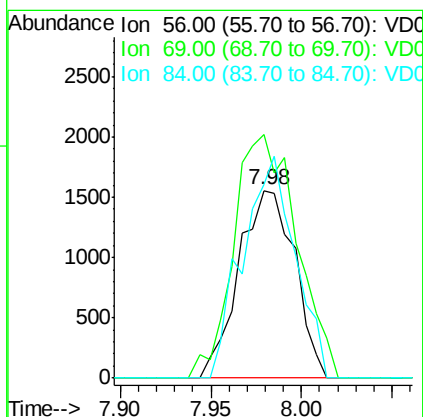
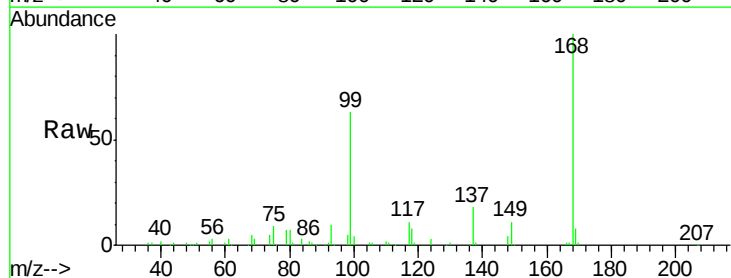
Instrument :
MSVOA_D
ClientSampleId :
CB-D40

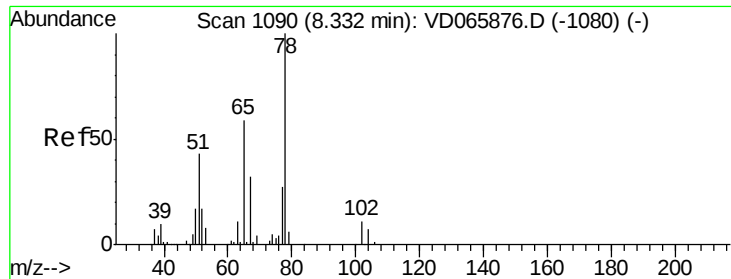
Tot Ion: 84 Resp: 28049
Ion Ratio Lower Upper
84 100
49 121.1 103.0 154.6
51 34.8 32.7 49.1
86 68.5 44.9 67.3#



#31
Cyclohexane
Concen: 1.409 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065893.D
Acq: 29 Jun 2020 18:17

Tgt Ion: 56 Resp: 3345
Ion Ratio Lower Upper
56 100
69 129.8 26.2 39.4#
84 103.0 70.3 105.5

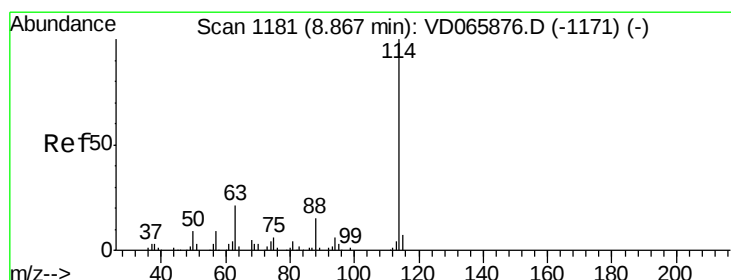
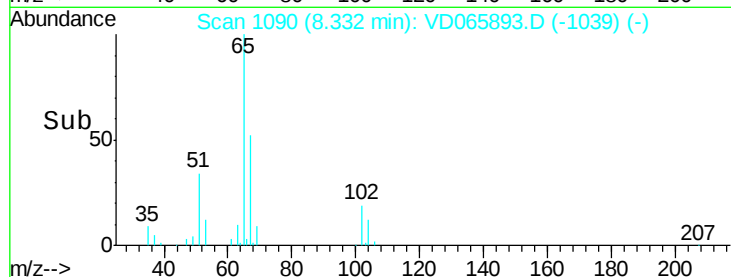
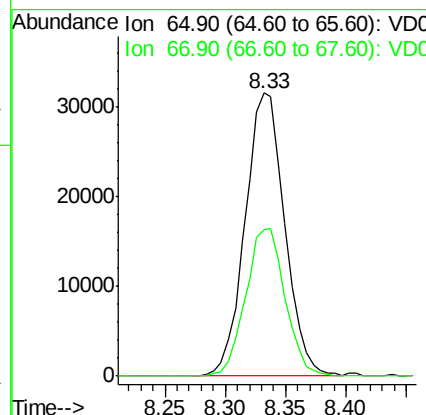
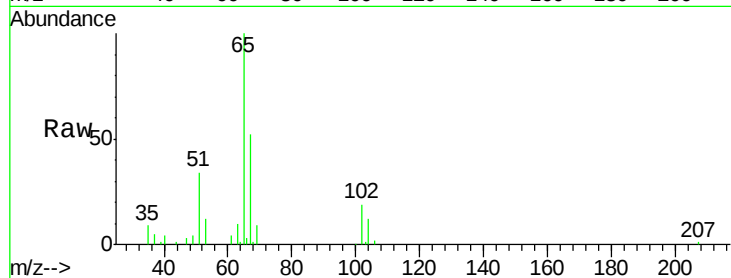




#33
 1,2-Dichloroethane-d4
 Concen: 54.374 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD065893.D
 Acq: 29 Jun 2020 18:17

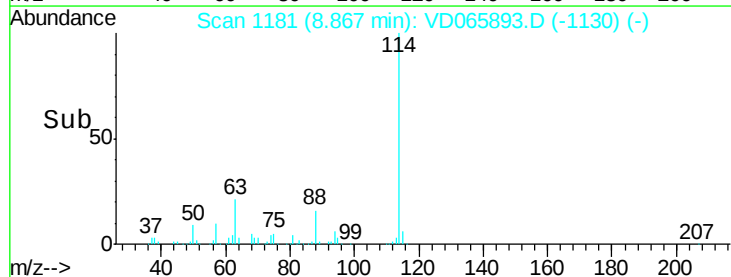
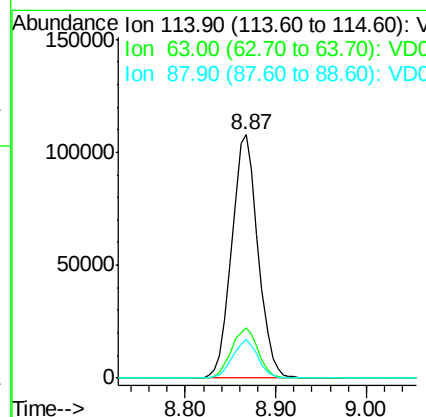
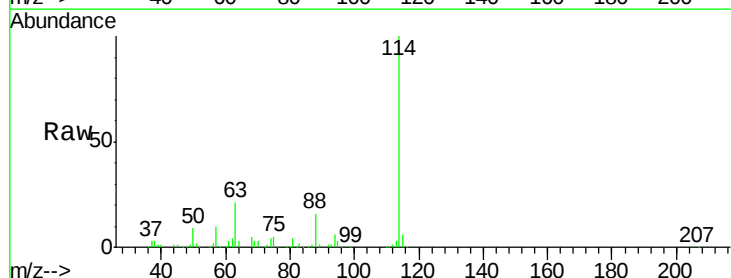
Instrument :
 MSVOA_D
 ClientSampleId :
 CB-D40

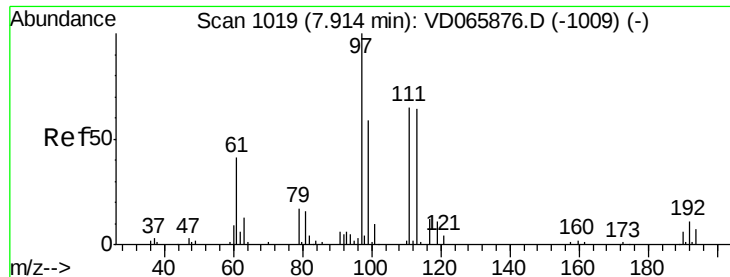
Tot Ion: 65 Resp: 72077
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065893.D
 Acq: 29 Jun 2020 18:17

Tgt Ion: 114 Resp: 216988
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.6
 88 16.1 0.0 29.0

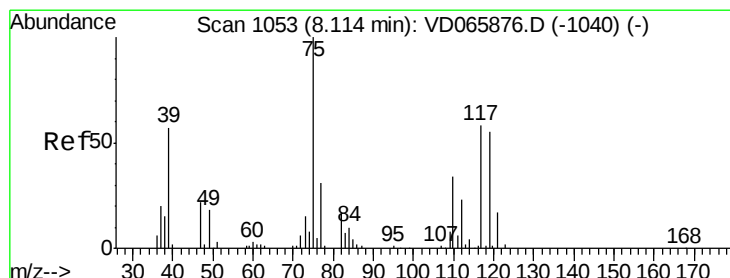
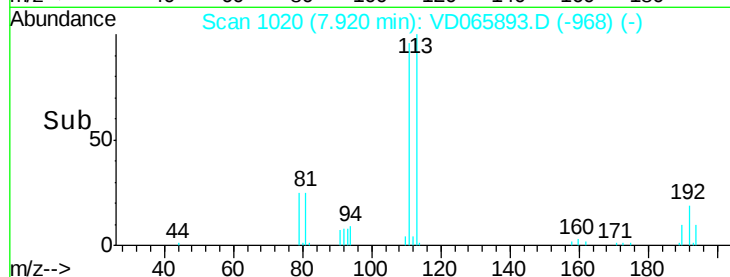
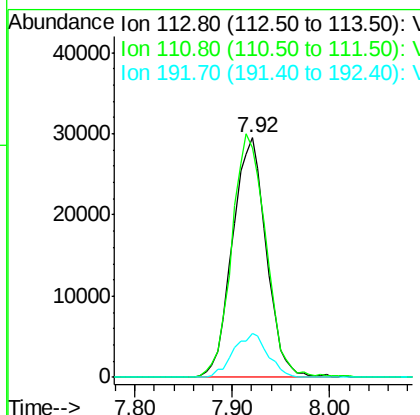
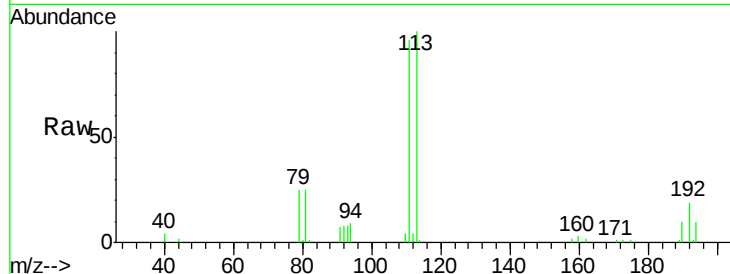




#35
 Dibromofluoromethane
 Concen: 52.910 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD065893.D
 Acq: 29 Jun 2020 18:17

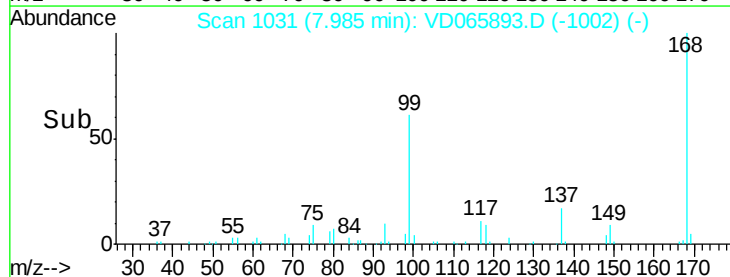
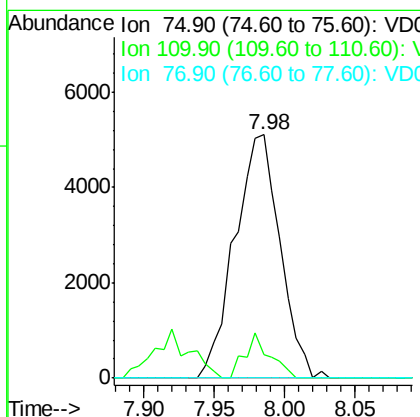
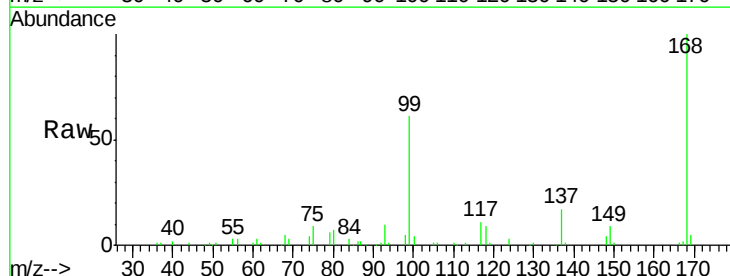
Instrument :
 MSVOA_D
 ClientSampleId :
 CB-D40

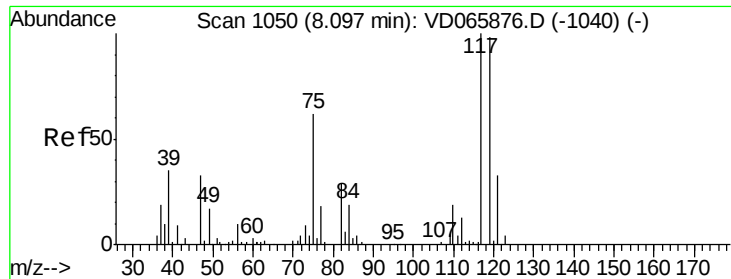
Tot Ion:113 Resp: 70963
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.0 121.6
 192 18.6 15.2 22.8



#36
 1,1-Dichloropropene
 Concen: 5.416 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD065893.D
 Acq: 29 Jun 2020 18:17

Tgt Ion: 75 Resp: 11460
 Ion Ratio Lower Upper
 75 100
 110 10.2 16.8 50.4#
 77 0.0 24.0 36.0#

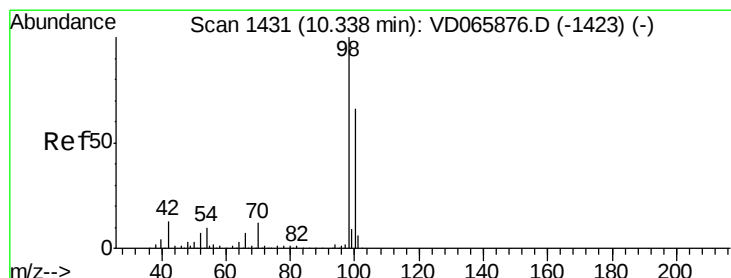
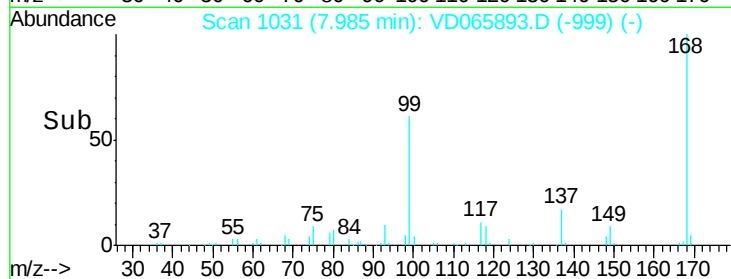
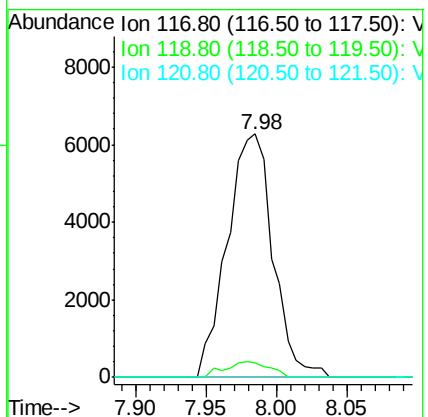
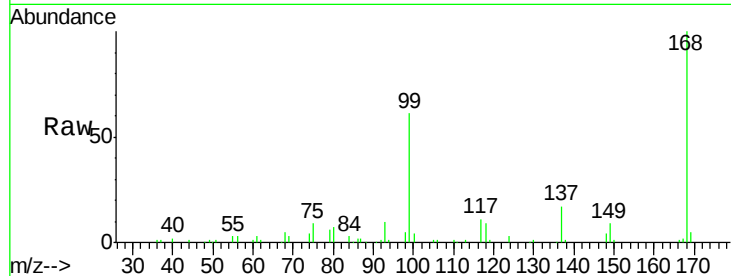




#38
Carbon Tetrachloride
Concen: 6.200 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD065893.D
Acq: 29 Jun 2020 18:17

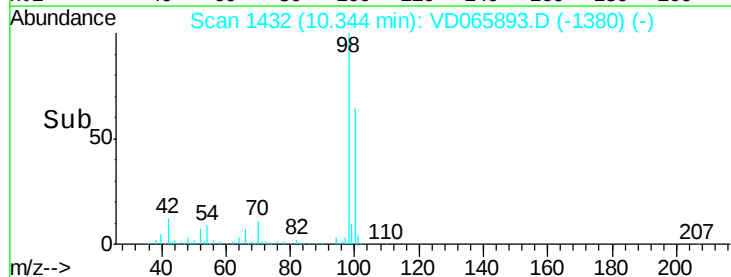
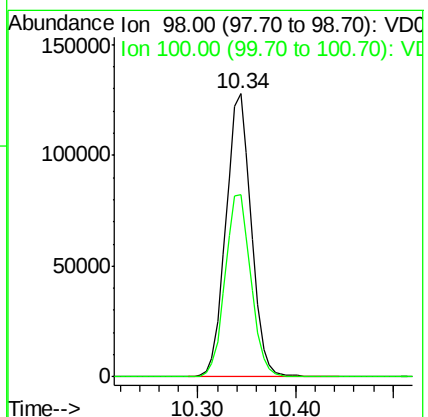
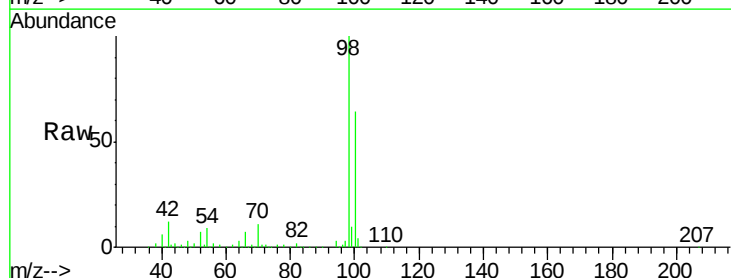
Instrument :
MSVOA_D
ClientSampleId :
CB-D40

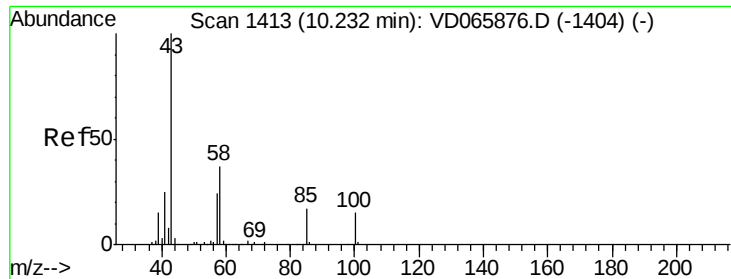
Tot Ion:117 Resp: 14166
Ion Ratio Lower Upper
117 100
119 5.7 78.6 117.8#
121 0.0 26.5 39.7#



#50
Toluene-d8
Concen: 45.673 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD065893.D
Acq: 29 Jun 2020 18:17

Tgt Ion: 98 Resp: 230429
Ion Ratio Lower Upper
98 100
100 65.3 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 1.318 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.11 min

Lab File: VD065893.D

Acq: 29 Jun 2020 18:17

Instrument :

MSVOA_D

ClientSampleId :

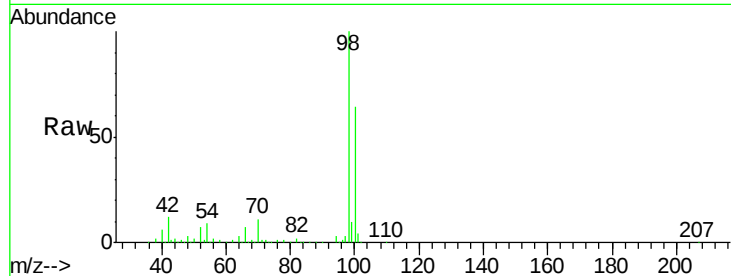
CB-D40

Tot Ion: 43 Resp: 1065

Ion Ratio Lower Upper

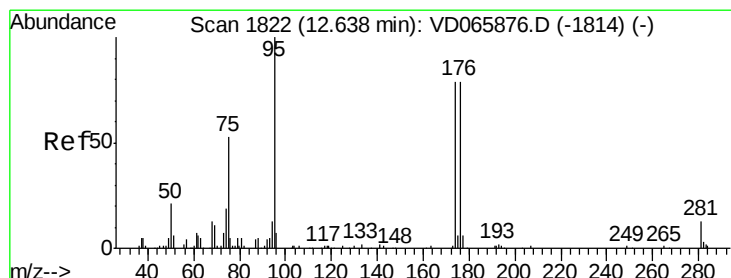
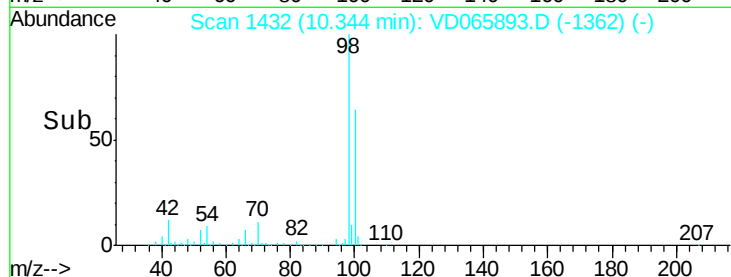
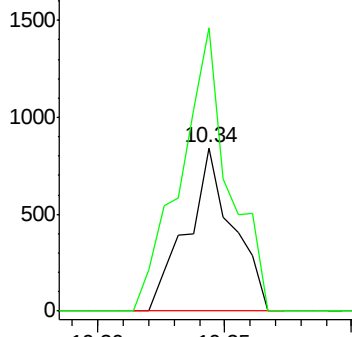
43 100

58 183.0 29.5 44.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#62

4-Bromofluorobenzene

Concen: 34.979 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD065893.D

Acq: 29 Jun 2020 18:17

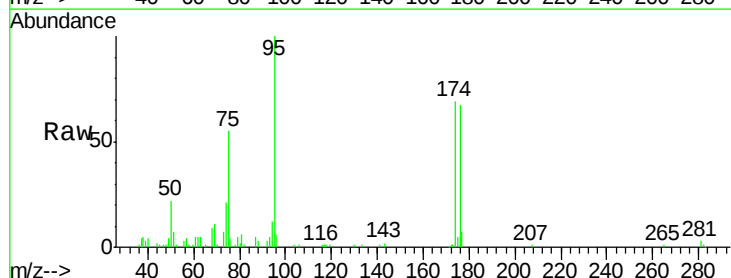
Tgt Ion: 95 Resp: 57814

Ion Ratio Lower Upper

95 100

174 79.1 0.0 158.4

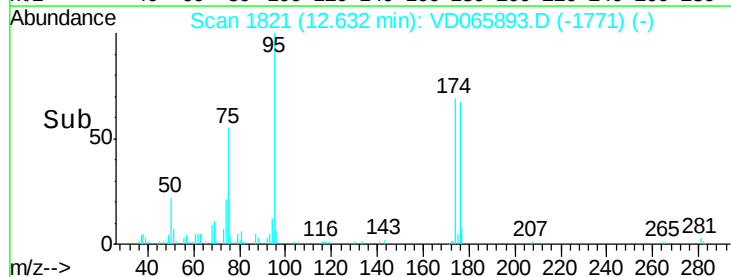
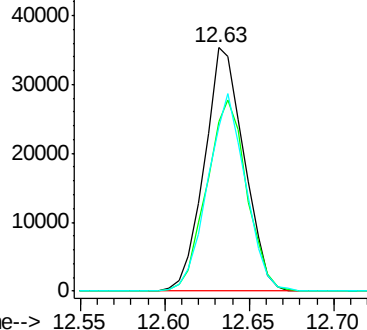
176 77.2 0.0 156.0

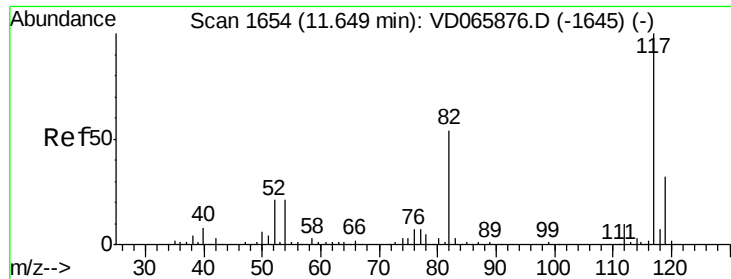


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

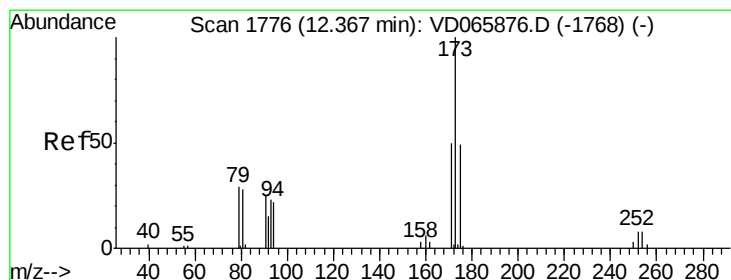
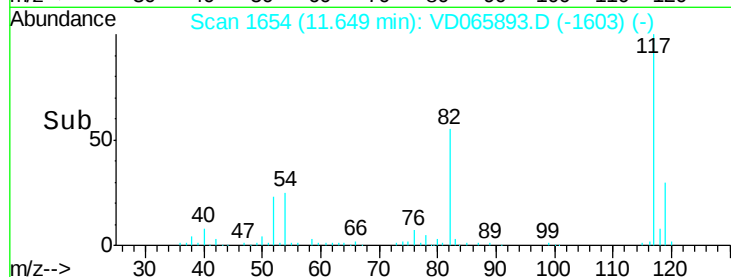
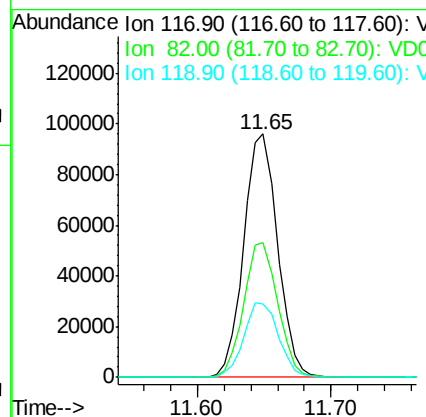
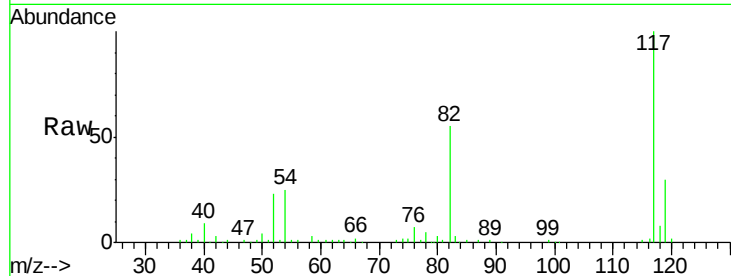




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065893.D
Acq: 29 Jun 2020 18:17

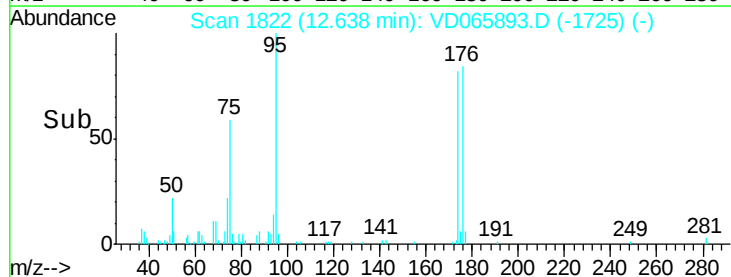
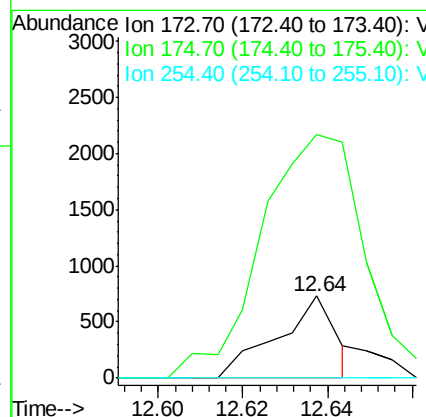
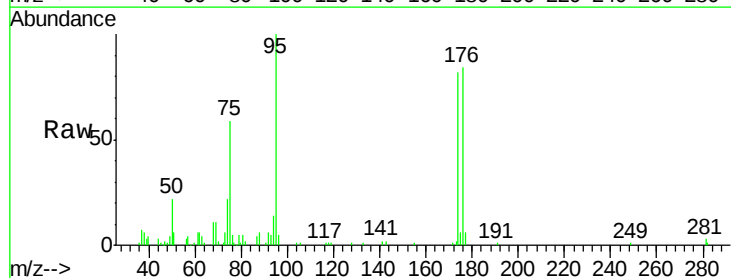
Instrument :
MSVOA_D
ClientSampleId :
CB-D40

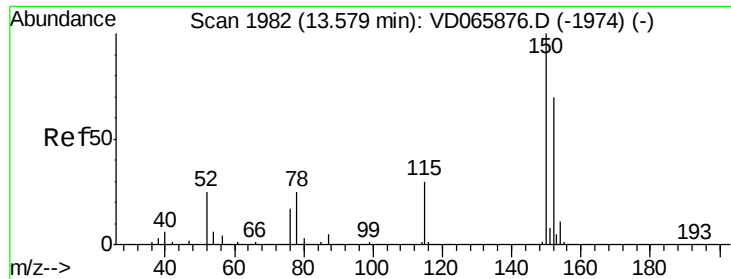
Tot Ion:117 Resp: 167962
Ion Ratio Lower Upper
117 100
82 55.2 43.6 65.4
119 30.2 25.9 38.9



#71
Bromoform
Concen: 1.065 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.27 min
Lab File: VD065893.D
Acq: 29 Jun 2020 18:17

Tgt Ion:173 Resp: 702
Ion Ratio Lower Upper
173 100
175 441.6 23.9 71.8#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD065893.D

Acq: 29 Jun 2020 18:17

Instrument :

MSVOA_D

ClientSampleId :

CB-D40

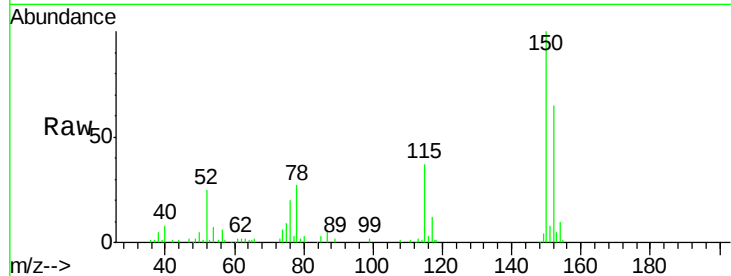
Tot Ion:152 Resp: 50398

Ion Ratio Lower Upper

152 100

115 63.4 29.7 89.1

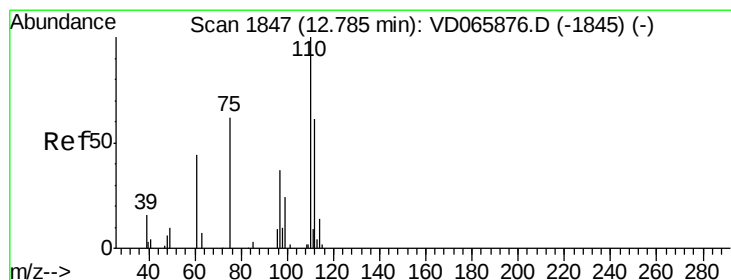
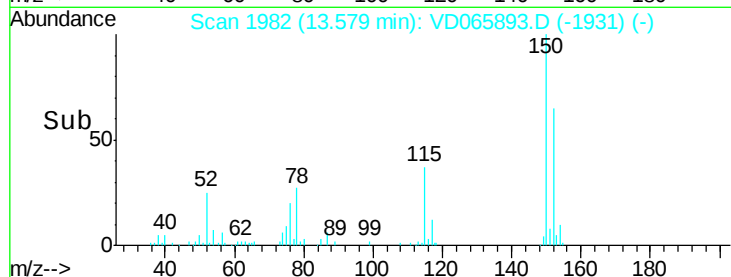
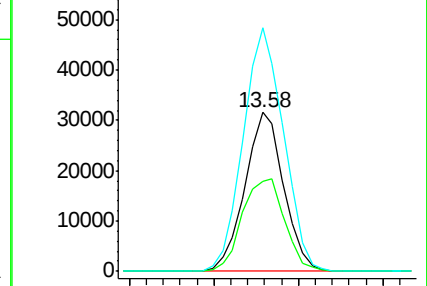
150 159.4 0.0 346.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 74.620 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065893.D

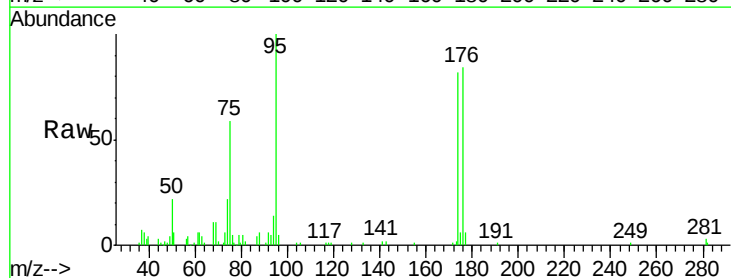
Acq: 29 Jun 2020 18:17

Tgt Ion: 75 Resp: 32907

Ion Ratio Lower Upper

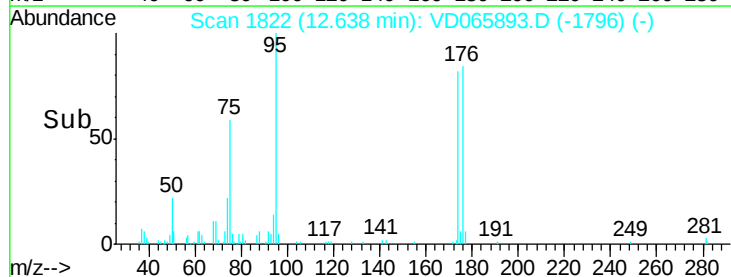
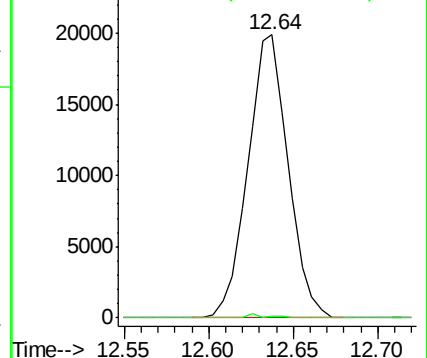
75 100

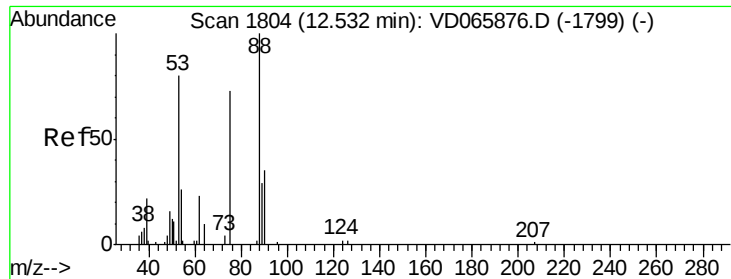
77 0.7 168.5 505.5#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 160.311 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD065893.D

Acq: 29 Jun 2020 18:17

Instrument :

MSVOA_D

ClientSampleId :

CB-D40

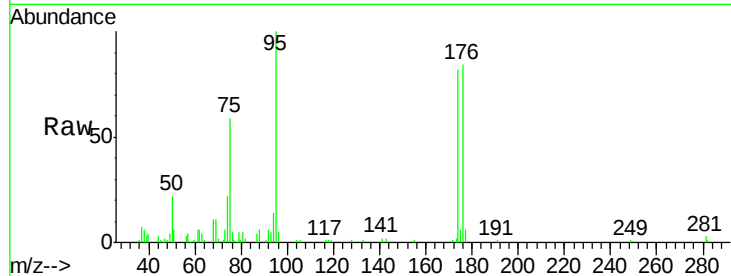
Tot Ion: 75 Resp: 32907

Ion Ratio Lower Upper

75 100

53 0.0 80.6 121.0#

89 0.0 36.5 54.7#



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 88.90 (88.60 to 89.60): VDC

