

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062920\
 Data File : VD065892.D
 Acq On : 29 Jun 2020 17:50
 Operator : VA/SY
 Sample : L3157-04
 Misc : 5.53G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CB-D35

Quant Time: Jun 30 04:13:21 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	113152	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	190994	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	133126	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	30097	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	73196	62.27	ug/l	0.00
Spiked Amount			Recovery	=	124.54%	
35) Dibromofluoromethane	7.92	113	66266	56.13	ug/l	0.00
Spiked Amount			Recovery	=	112.26%	
50) Toluene-d8	10.34	98	193392	43.55	ug/l	0.00
Spiked Amount			Recovery	=	87.10%	
62) 4-Bromofluorobenzene	12.64	95	37153	25.54	ug/l	0.00
Spiked Amount			Recovery	=	51.08%	

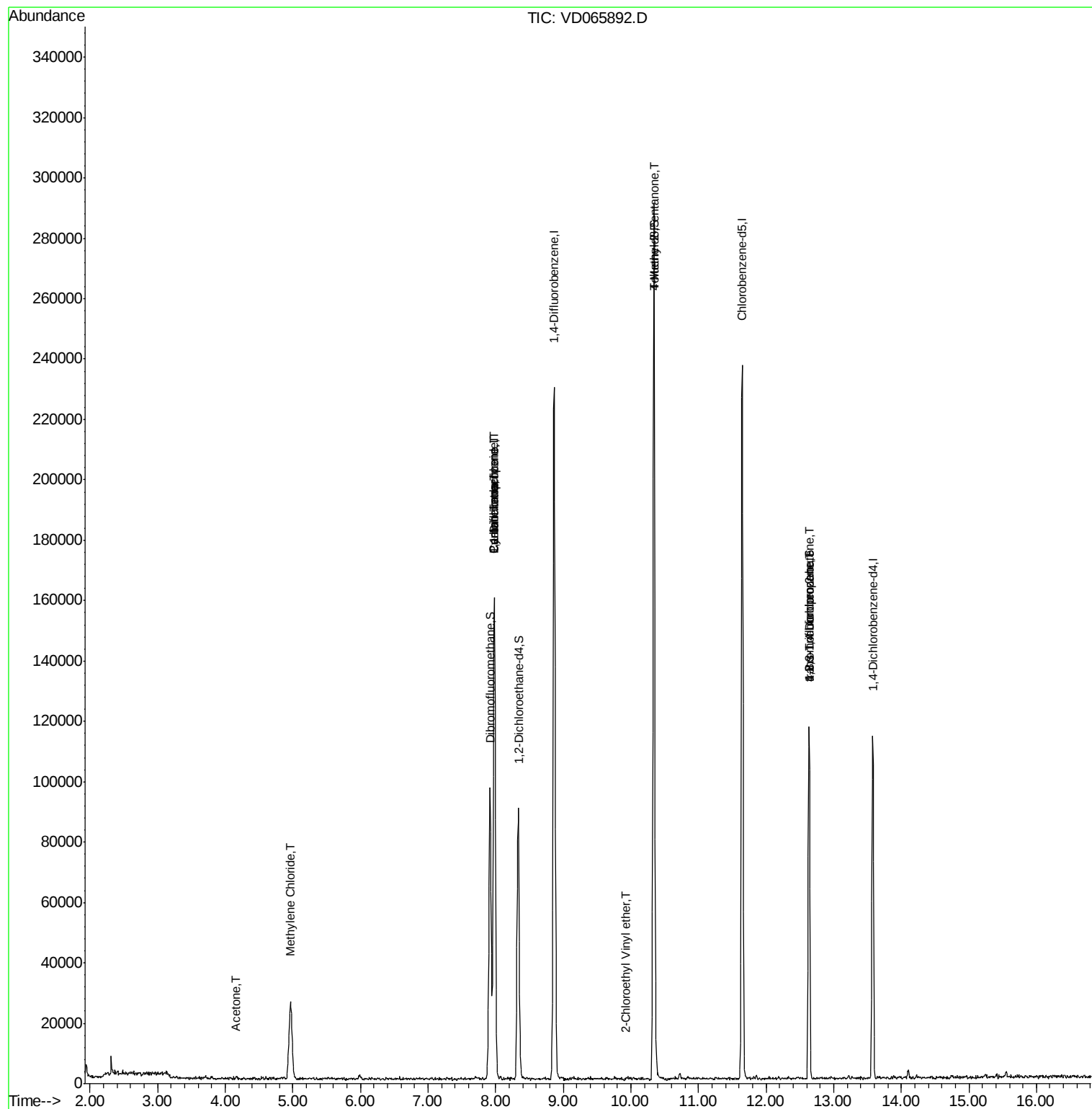
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.16	43	977	4.242	ug/l #	51
20) Methylene Chloride	4.96	84	20270	12.843	ug/l	86
31) Cyclohexane	7.98	56	3013	1.431	ug/l #	35
36) 1,1-Dichloropropene	7.98	75	9536	5.120	ug/l #	52
38) Carbon Tetrachloride	7.98	117	12955	6.442	ug/l #	15
51) 4-Methyl-2-Pentanone	10.35	43	924	1.299	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.94	63	503	1.016	ug/l #	46
76) 1,2,3-Trichloropropane	12.64	75	21430	81.373	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.64	75	21430	174.818	ug/l #	9

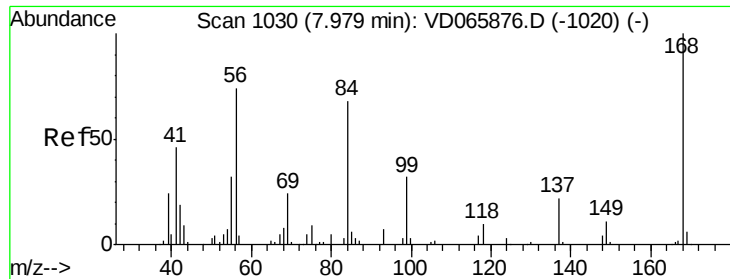
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD065892.D

Acq: 29 Jun 2020 17:50

Instrument :

MSVOA_D

ClientSampleId :

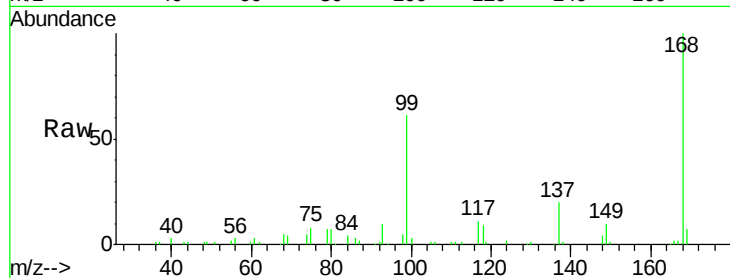
CB-D35

Tot Ion:168 Resp: 113152

Ion Ratio Lower Upper

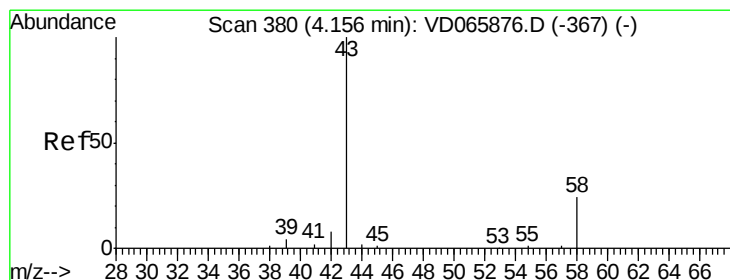
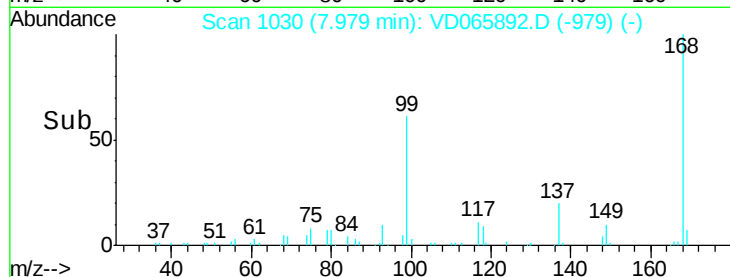
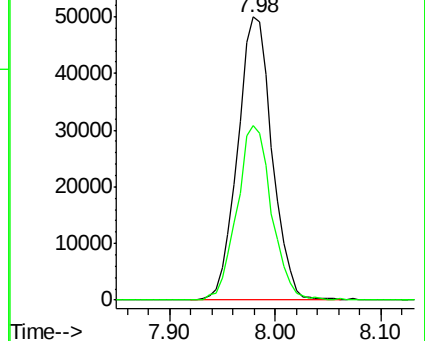
168 100

99 61.5 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: 4.242 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD065892.D

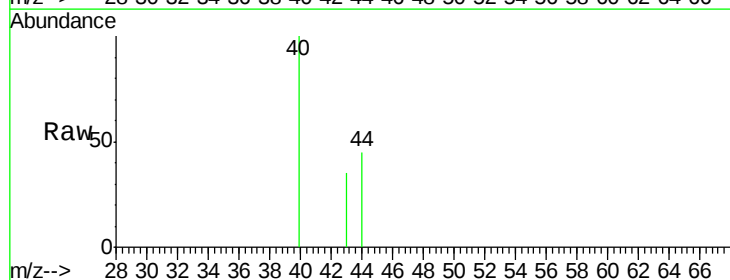
Acq: 29 Jun 2020 17:50

Tgt Ion: 43 Resp: 977

Ion Ratio Lower Upper

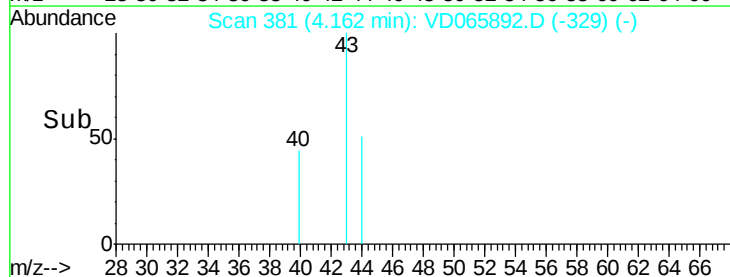
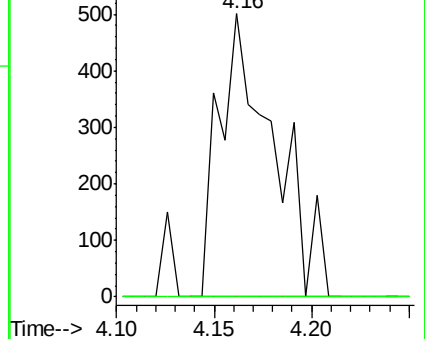
43 100

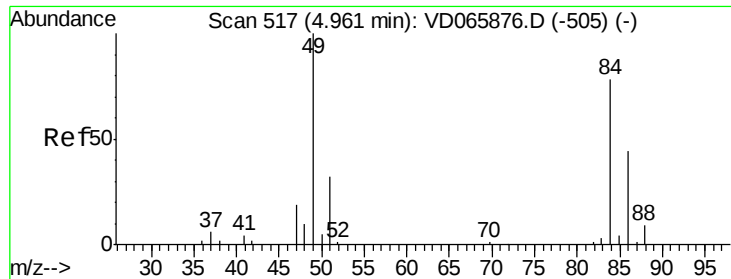
58 0.0 19.5 29.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#20

Methvlene Chloride

Concen: 12.843 ug/l

RT: 4.96 min Scan# 517

Delta R.T. 0.00 min

Lab File: VD065892.D

Acq: 29 Jun 2020 17:50

Instrument :

MSVOA_D

ClientSampleId :

CB-D35

Tot Ion: 84 Resp: 20270

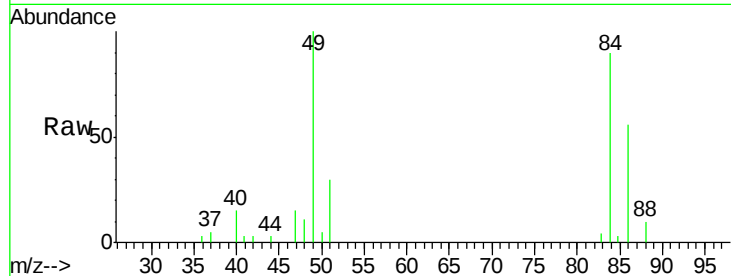
Ion Ratio Lower Upper

84 100

49 108.9 103.0 154.6

51 34.0 32.7 49.1

86 62.3 44.9 67.3

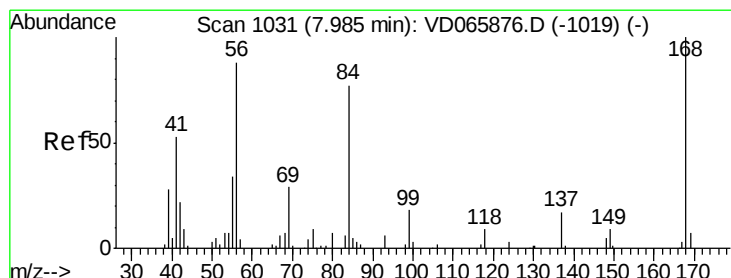
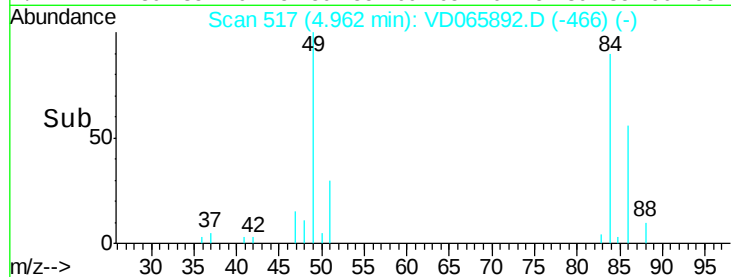
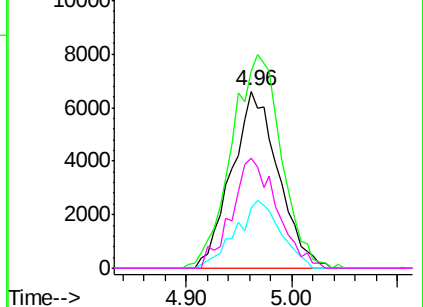


Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#31

Cyclohexane

Concen: 1.431 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065892.D

Acq: 29 Jun 2020 17:50

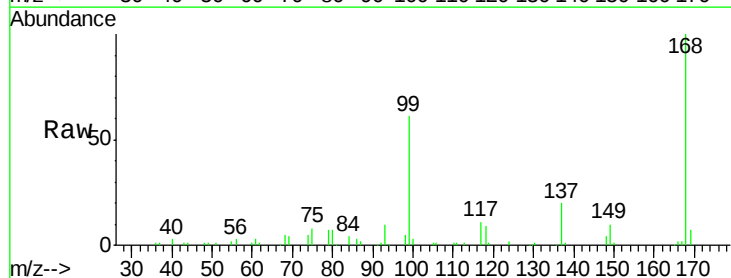
Tgt Ion: 56 Resp: 3013

Ion Ratio Lower Upper

56 100

69 105.3 26.2 39.4#

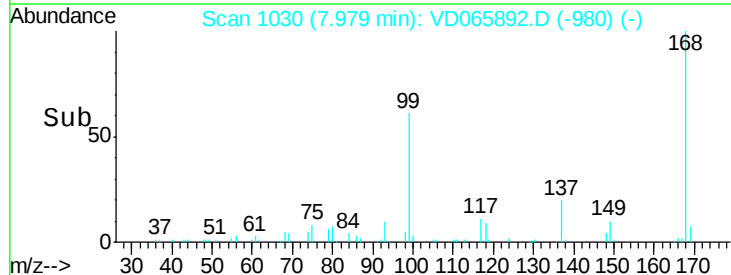
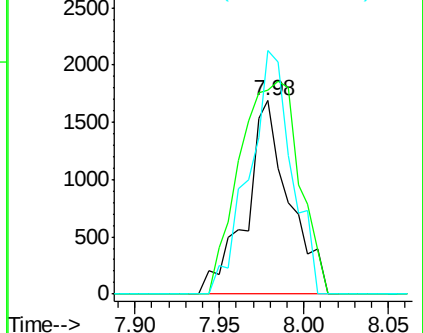
84 125.9 70.3 105.5#

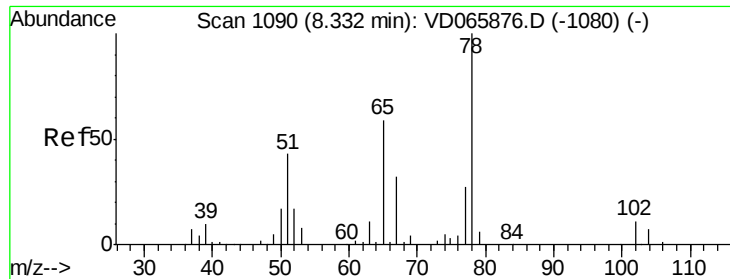


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 62.266 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD065892.D

Acq: 29 Jun 2020 17:50

Instrument :

MSVOA_D

ClientSampleId :

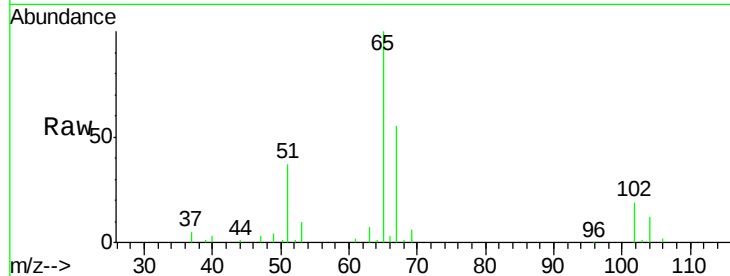
CB-D35

Tot Ion: 65 Resp: 73196

Ion Ratio Lower Upper

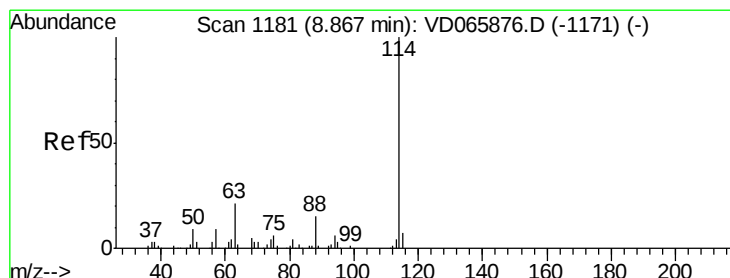
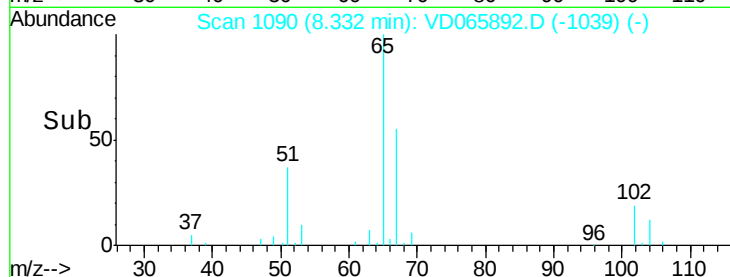
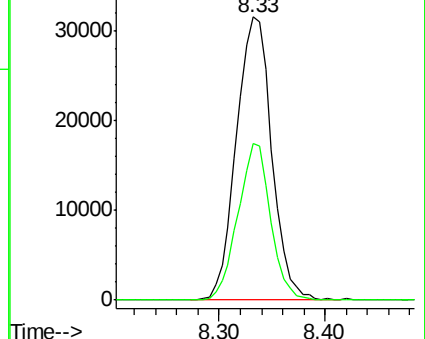
65 100

67 51.1 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065892.D

Acq: 29 Jun 2020 17:50

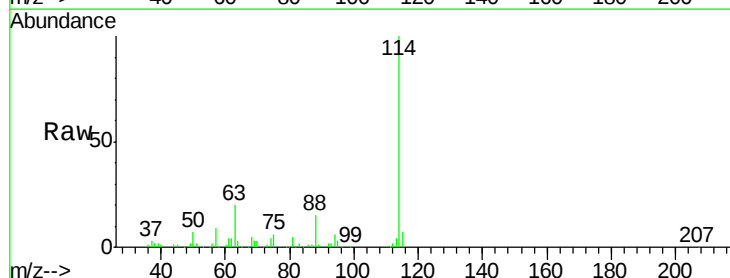
Tgt Ion:114 Resp: 190994

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.6

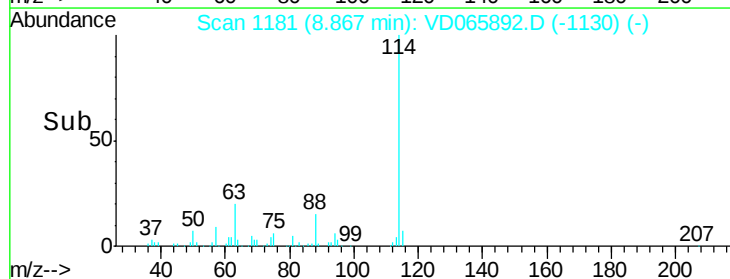
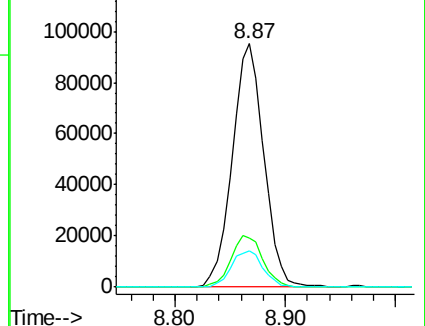
88 15.0 0.0 29.0

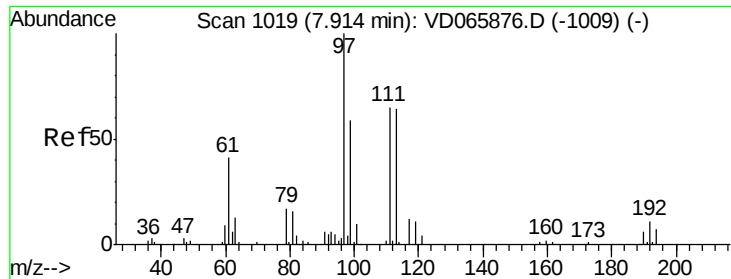


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

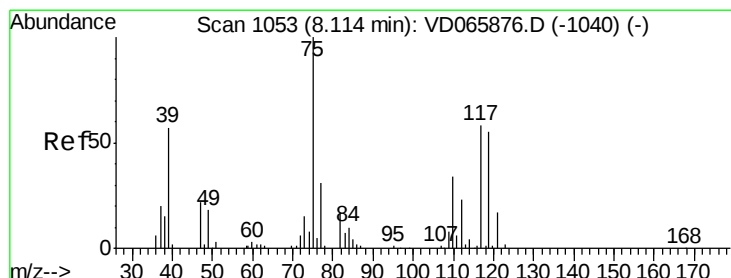
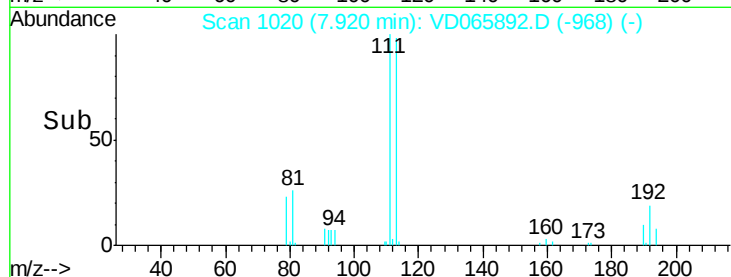
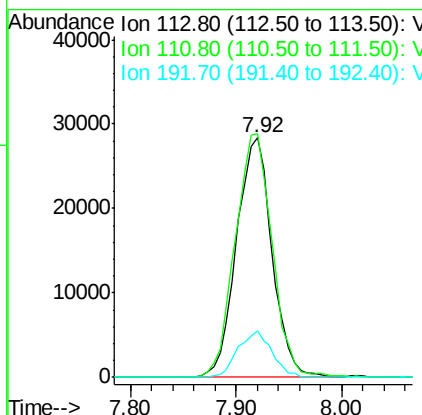
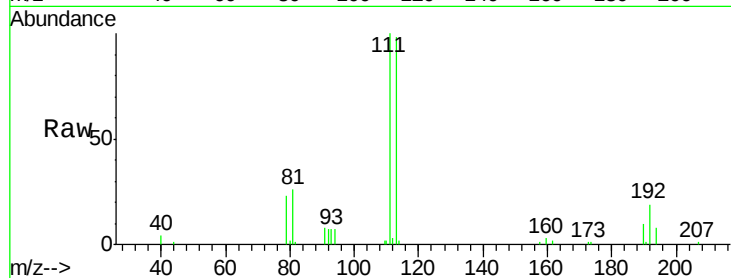




#35
Dibromofluoromethane
Concen: 56.132 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD065892.D
Acq: 29 Jun 2020 17:50

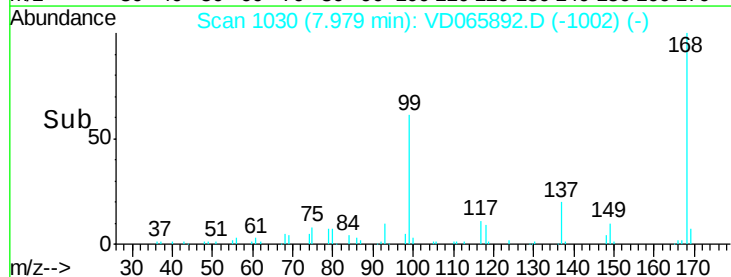
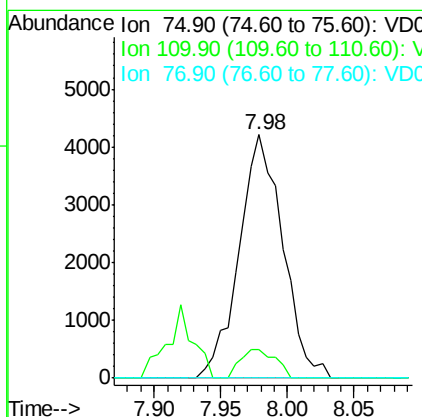
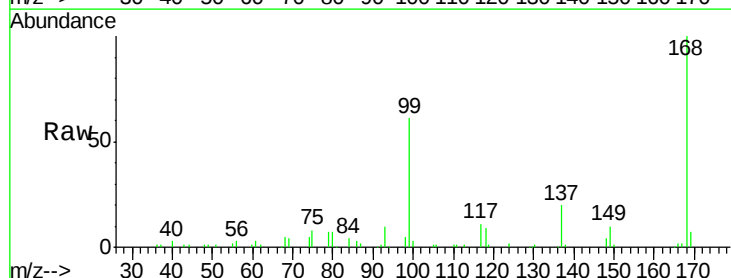
Instrument :
MSVOA_D
ClientSampleId :
CB-D35

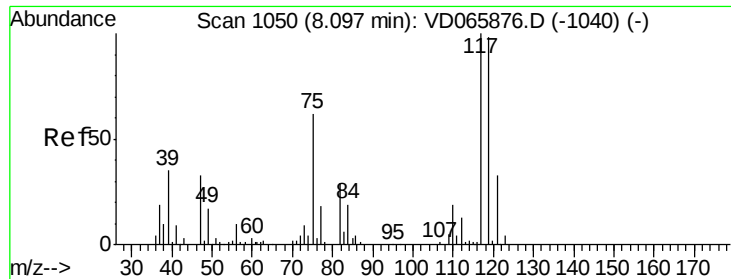
Tot Ion:113 Resp: 66266
Ion Ratio Lower Upper
113 100
111 105.7 81.0 121.6
192 18.3 15.2 22.8



#36
1,1-Dichloropropene
Concen: 5.120 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.14 min
Lab File: VD065892.D
Acq: 29 Jun 2020 17:50

Tgt Ion: 75 Resp: 9536
Ion Ratio Lower Upper
75 100
110 9.5 16.8 50.4#
77 0.0 24.0 36.0#

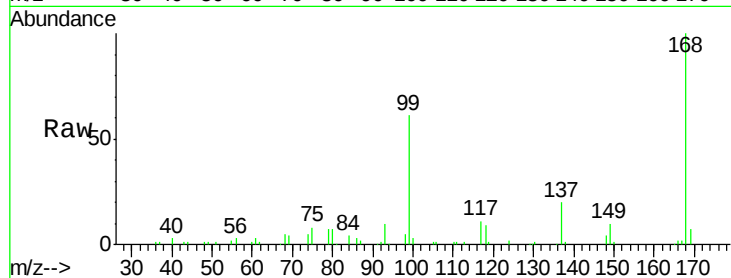




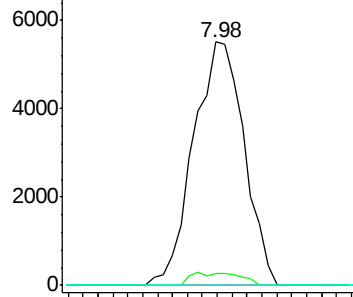
#38
Carbon Tetrachloride
Concen: 6.442 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD065892.D
Acq: 29 Jun 2020 17:50

Instrument :
MSVOA_D
ClientSampleId :
CB-D35

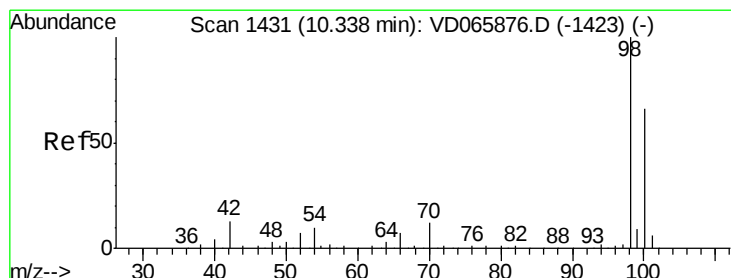
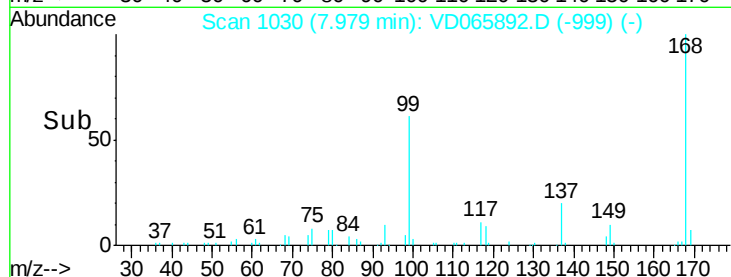
Tot Ion:117 Resp: 12955
Ion Ratio Lower Upper
117 100
119 4.9 78.6 117.8#
121 0.0 26.5 39.7#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

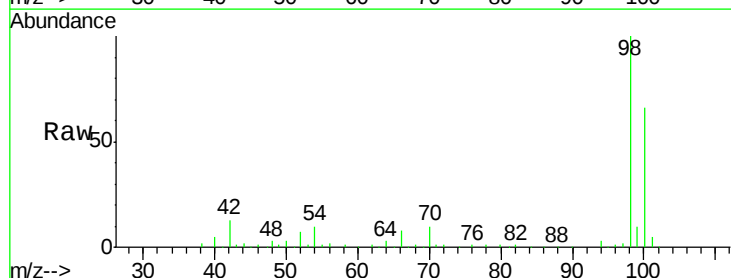


Time-->

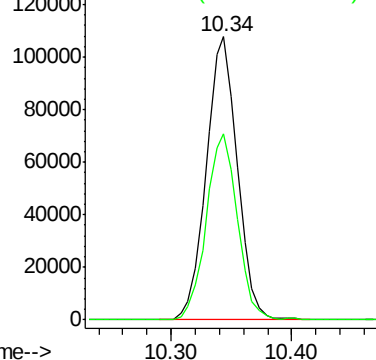


#50
Toluene-d8
Concen: 43.549 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD065892.D
Acq: 29 Jun 2020 17:50

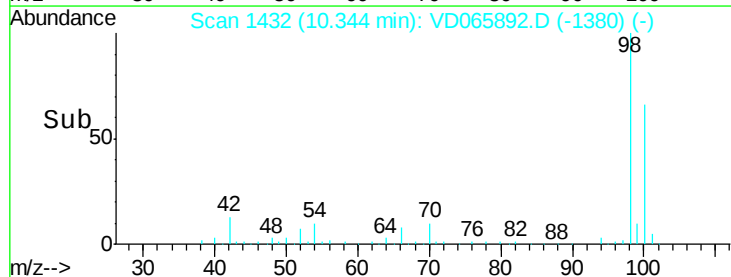
Tgt Ion: 98 Resp: 193392
Ion Ratio Lower Upper
98 100
100 65.9 52.3 78.5

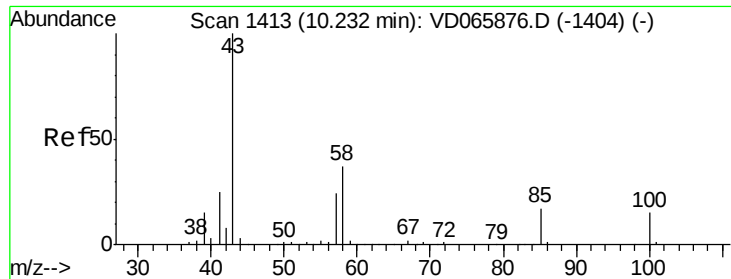


Abundance Ion 98.00 (97.70 to 98.70): V
Ion 100.00 (99.70 to 100.70): V



Time-->





#51

4-Methyl-2-Pentanone

Concen: 1.299 ug/l

RT: 10.35 min Scan# 1433

Delta R.T. 0.12 min

Lab File: VD065892.D

Acq: 29 Jun 2020 17:50

Instrument :

MSVOA_D

ClientSampleID :

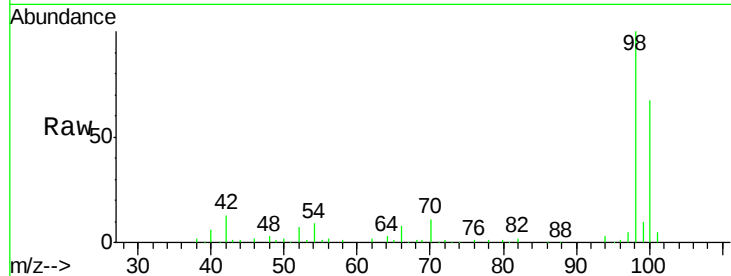
CB-D35

Tot Ion: 43 Resp: 924

Ion Ratio Lower Upper

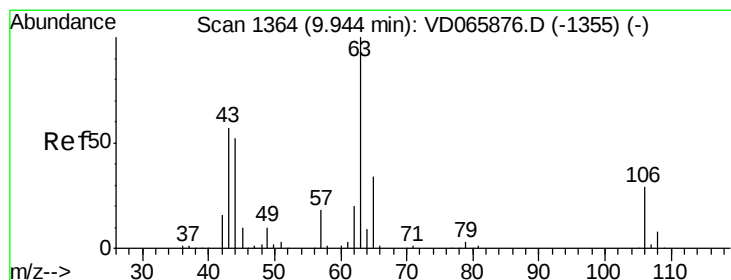
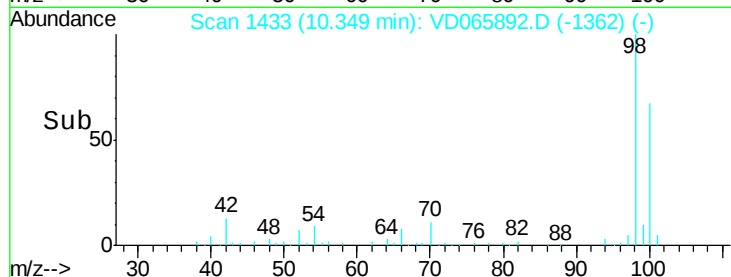
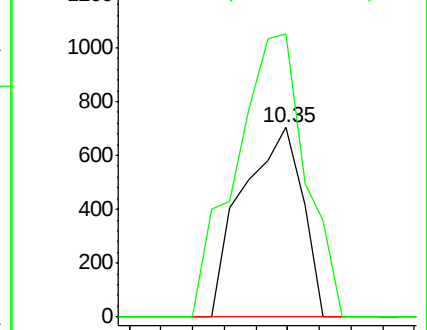
43 100

58 173.4 29.5 44.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 1.016 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. -0.01 min

Lab File: VD065892.D

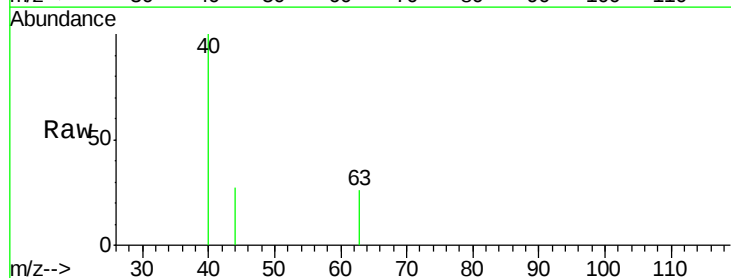
Acq: 29 Jun 2020 17:50

Tgt Ion: 63 Resp: 503

Ion Ratio Lower Upper

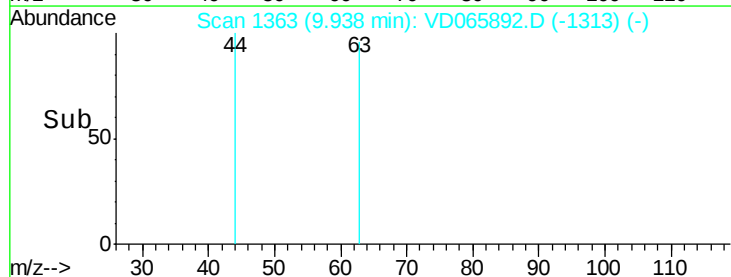
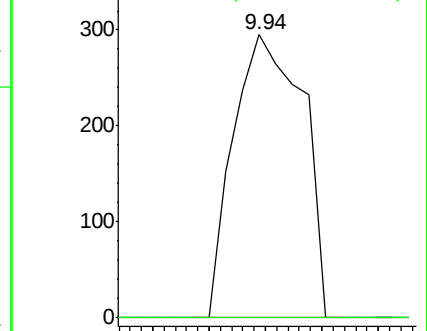
63 100

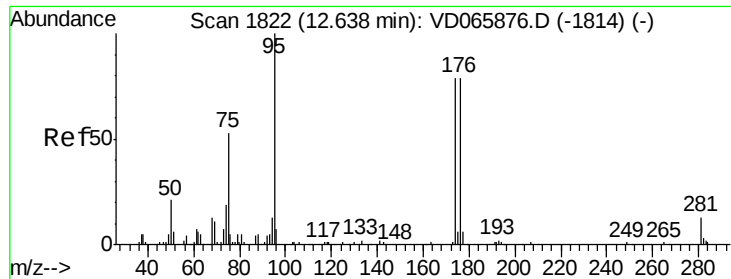
106 0.0 22.6 34.0#



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V





#62

4-Bromofluorobenzene

Concen: 25.538 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065892.D

Acq: 29 Jun 2020 17:50

Instrument :

MSVOA_D

ClientSampleId :

CB-D35

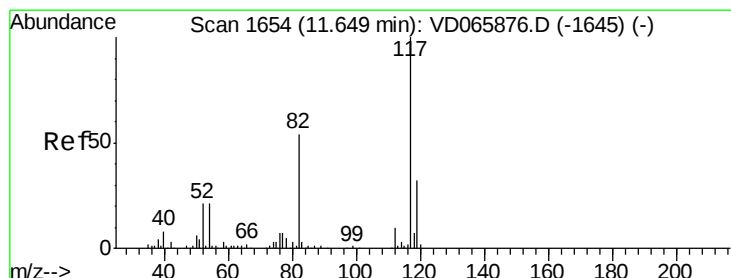
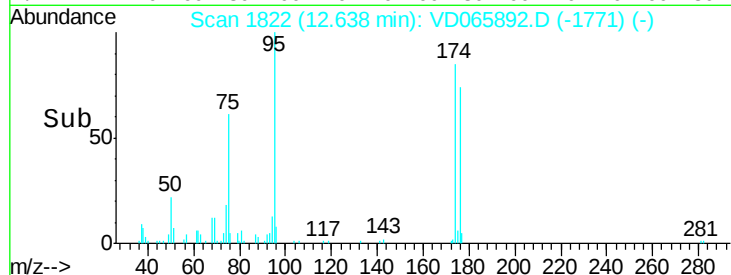
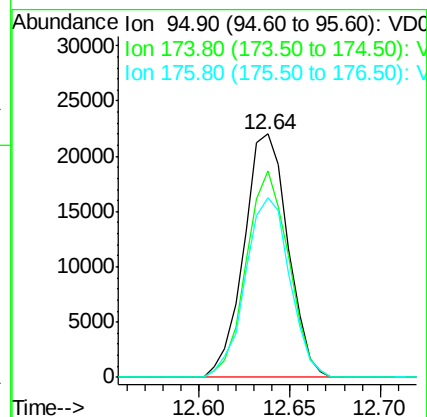
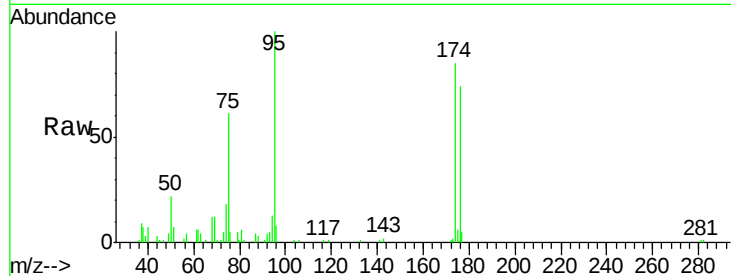
Tot Ion: 95 Resp: 37153

Ion Ratio Lower Upper

95 100

174 81.5 0.0 158.4

176 74.5 0.0 156.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. -0.01 min

Lab File: VD065892.D

Acq: 29 Jun 2020 17:50

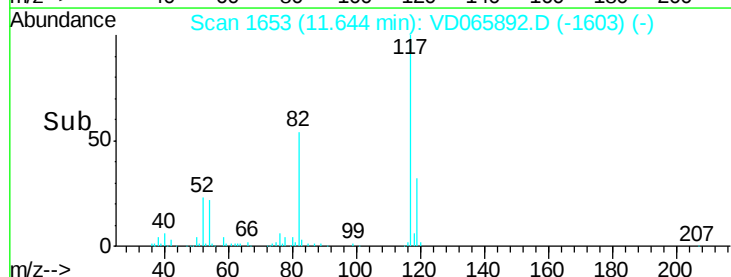
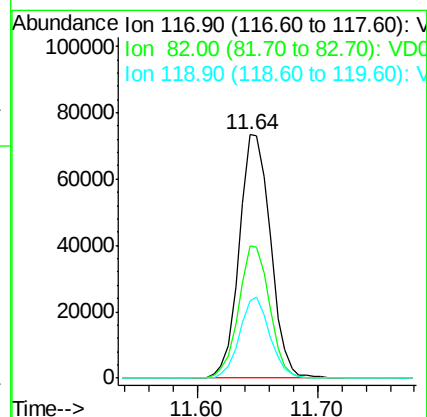
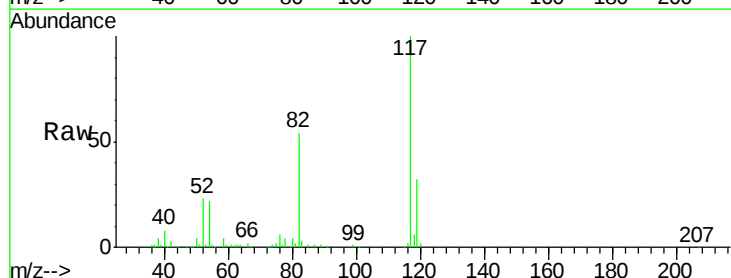
Tgt Ion: 117 Resp: 133126

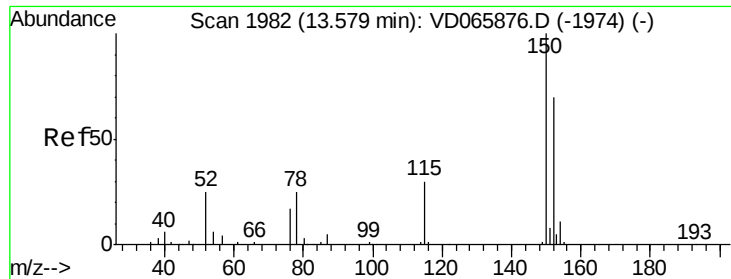
Ion Ratio Lower Upper

117 100

82 54.4 43.6 65.4

119 31.6 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD065892.D

Acq: 29 Jun 2020 17:50

Instrument :

MSVOA_D

ClientSampleId :

CB-D35

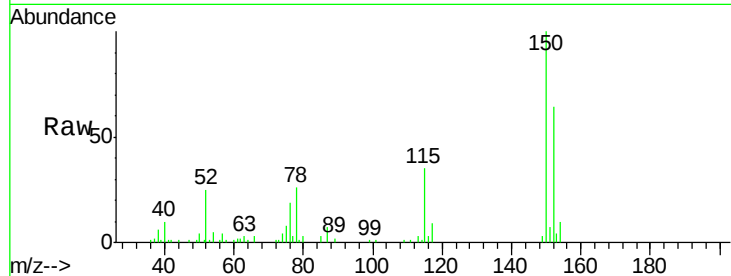
Tot Ion:152 Resp: 30097

Ion Ratio Lower Upper

152 100

115 57.9 29.7 89.1

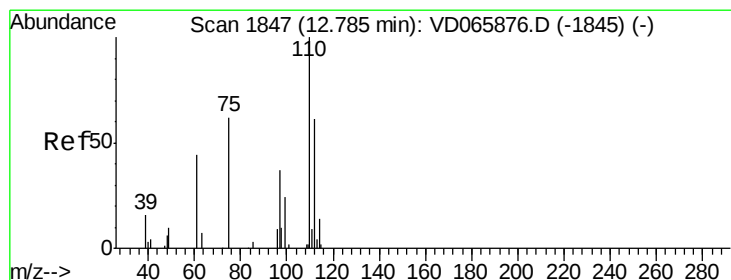
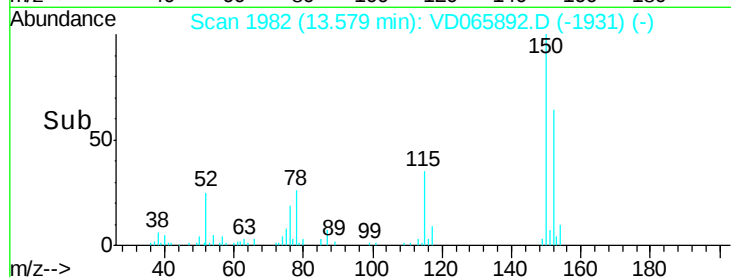
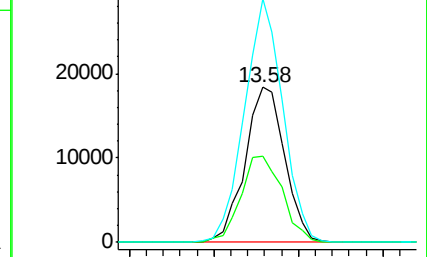
150 151.3 0.0 346.2



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: 81.373 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065892.D

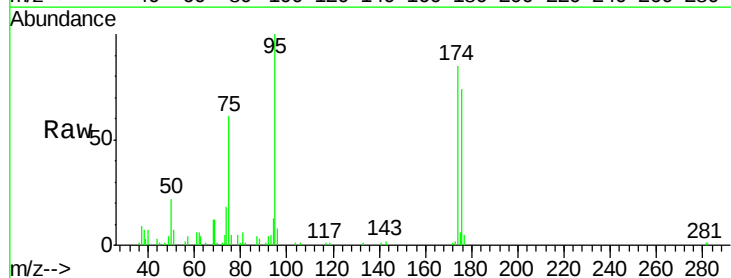
Acq: 29 Jun 2020 17:50

Tgt Ion: 75 Resp: 21430

Ion Ratio Lower Upper

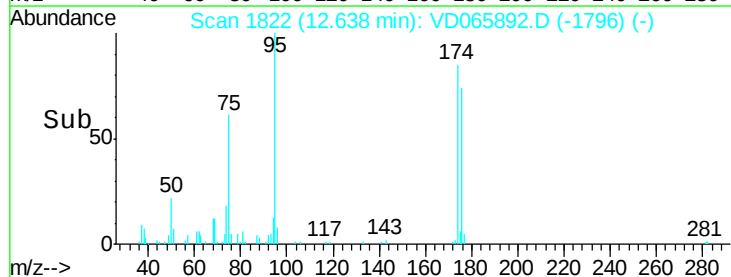
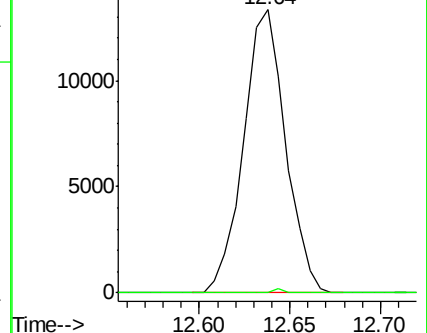
75 100

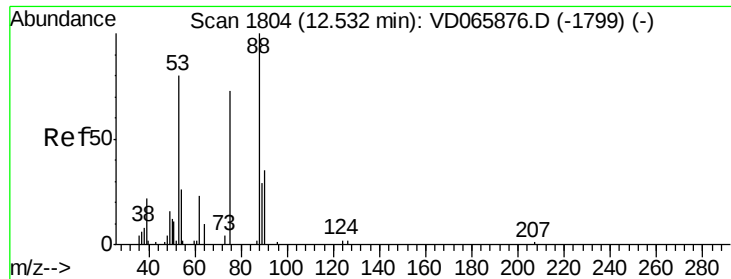
77 0.4 168.5 505.5#



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: 174.818 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD065892.D

Acq: 29 Jun 2020 17:50

Instrument :

MSVOA_D

ClientSampleId :

CB-D35

Tot Ion: 75 Resp: 21430

Ion Ratio Lower Upper

75 100

53 0.0 80.6 121.0#

89 0.0 36.5 54.7#

