

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021220\
 Data File : VD065162.D
 Acq On : 12 Feb 2020 14:50
 Operator : VA/SY
 Sample : L1510-01
 Misc : 6.59G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 13 06:00:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	85740	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	135363	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	153469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	74655	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	55837	76.62	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	153.24%	
35) Dibromofluoromethane	7.92	113	50285	66.58	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	133.16%	
50) Toluene-d8	10.34	98	160584	53.42	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.84%	
62) 4-Bromofluorobenzene	12.64	95	62077	65.17	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	130.34%	

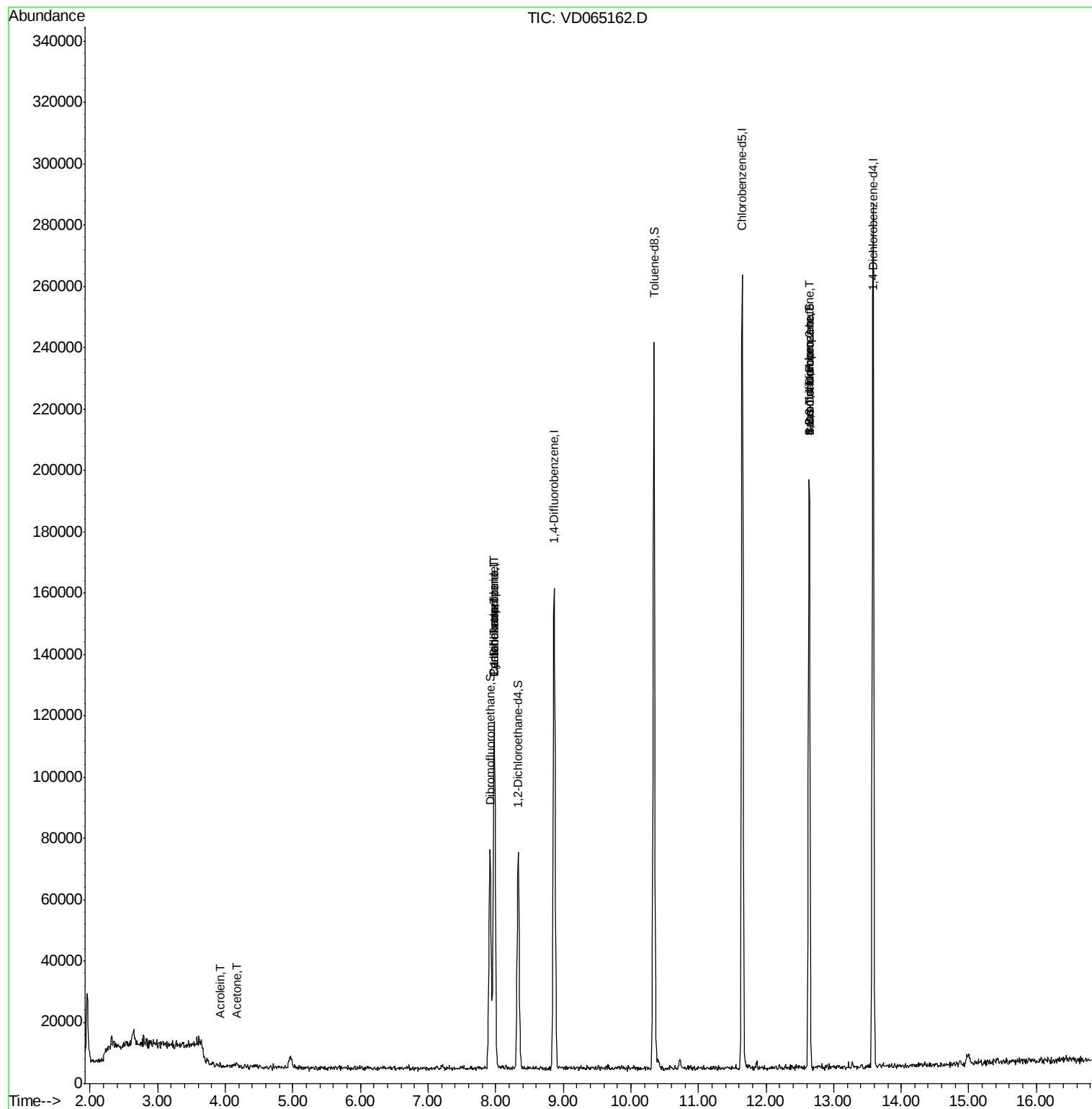
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.93	56	57	1.041	ug/l #	57
16) Acetone	4.17	43	2143	11.762	ug/l #	89
20) Methylene Chloride	4.97	84	3053	Below Cal	#	93
31) Cyclohexane	7.98	56	2162	1.491	ug/l #	6
36) 1,1-Dichloropropene	7.98	75	6827	5.424	ug/l #	48
38) Carbon Tetrachloride	7.98	117	8082	6.287	ug/l #	21
71) Bromoform	12.64	173	732	1.241	ug/l #	29
76) 1,2,3-Trichloropropane	12.64	75	32206	56.980	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	32206	113.955	ug/l #	10

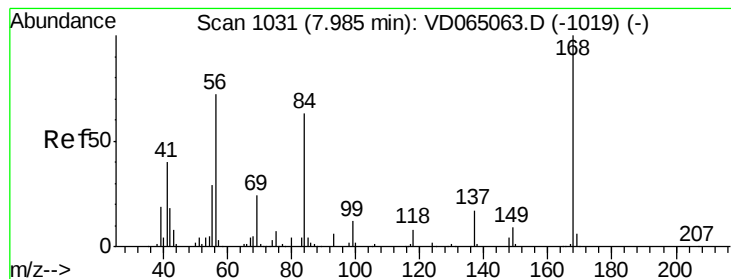
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD021220\
Data File : VD065162.D
Acq On : 12 Feb 2020 14:50
Operator : VA/SY
Sample : L1510-01
Misc : 6.59G/5.00ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Feb 13 06:00:15 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 05 15:53:00 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065162.D

Acq: 12 Feb 2020 14:50

Instrument :

MSVOA_D

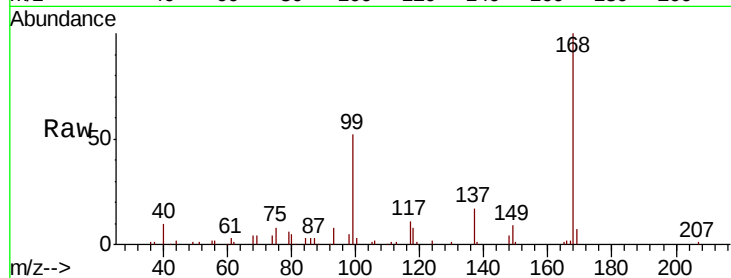
ClientSampleId :

Tot Ion:168 Resp: 85740

Ion Ratio Lower Upper

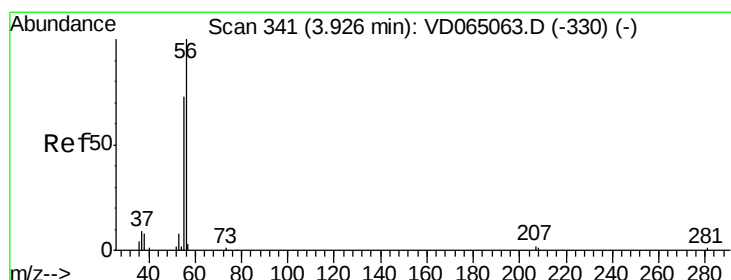
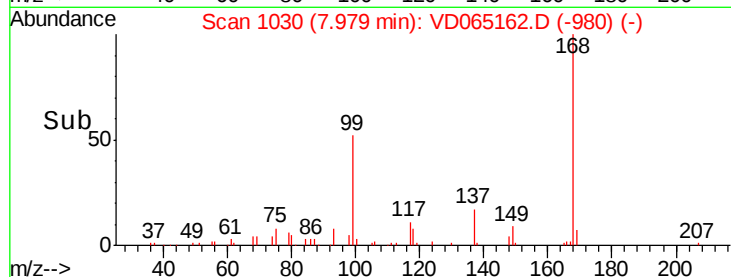
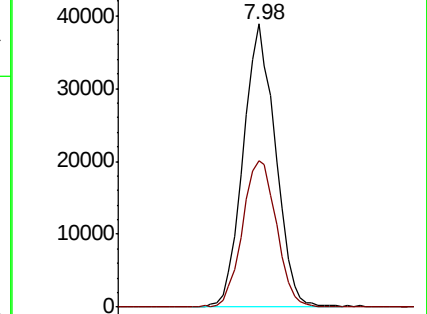
168 100

99 51.8 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#13

Acrolein

Concen: 1.041 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.00 min

Lab File: VD065162.D

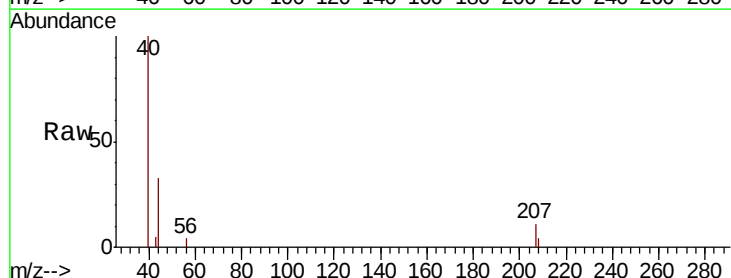
Acq: 12 Feb 2020 14:50

Tgt Ion: 56 Resp: 57

Ion Ratio Lower Upper

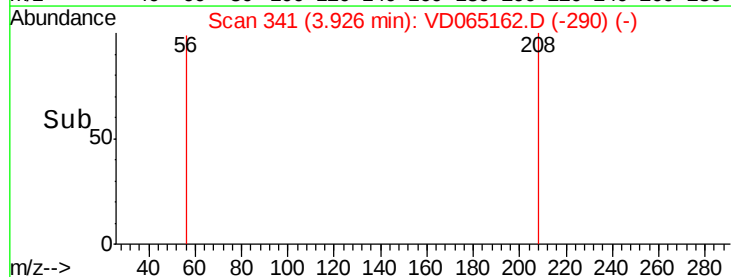
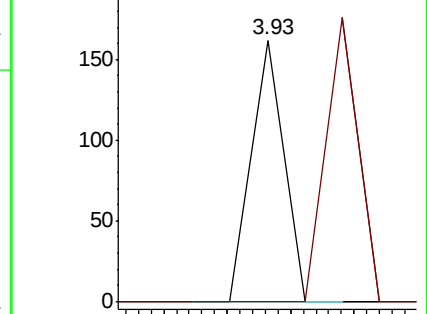
56 100

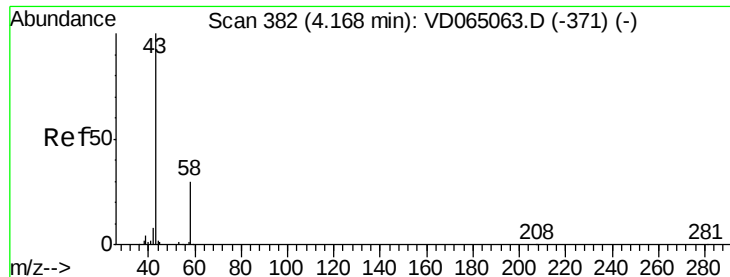
55 108.8 58.2 87.2#



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC





#16

Acetone

Concen: 11.762 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD065162.D

Acq: 12 Feb 2020 14:50

Instrument :

MSVOA_D

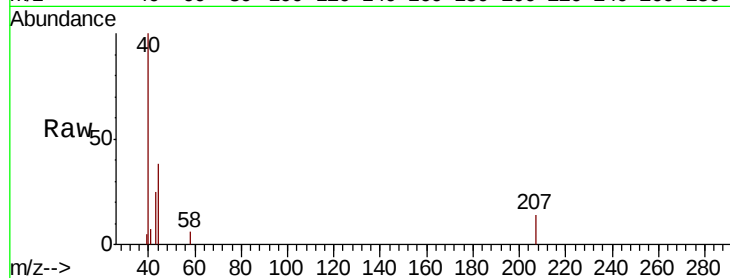
ClientSampleId :

Tot Ion: 43 Resp: 2143

Ion Ratio Lower Upper

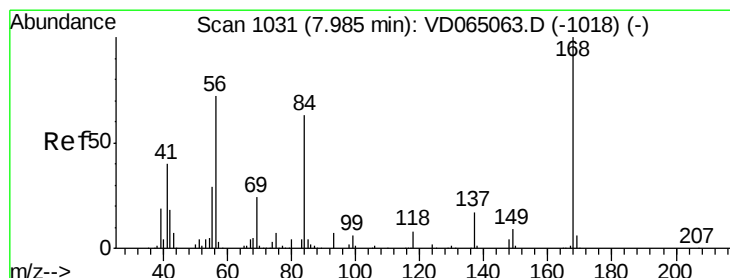
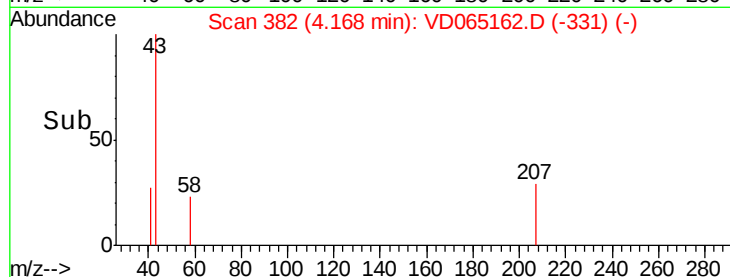
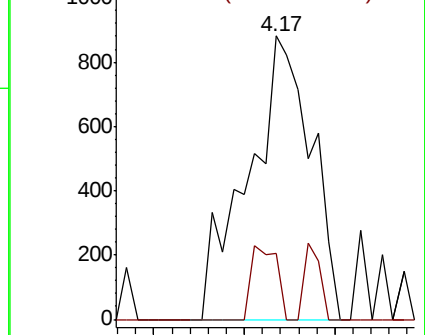
43 100

58 23.4 23.5 35.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#31

Cyclohexane

Concen: 1.491 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065162.D

Acq: 12 Feb 2020 14:50

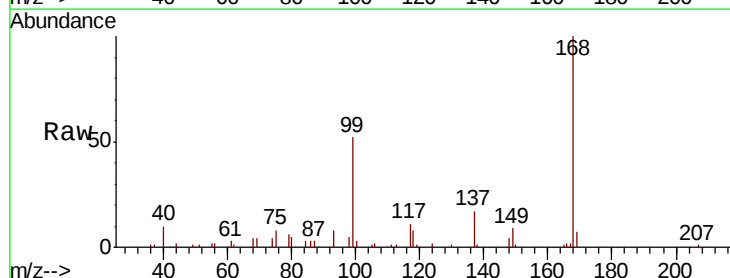
Tgt Ion: 56 Resp: 2162

Ion Ratio Lower Upper

56 100

69 158.0 26.6 40.0#

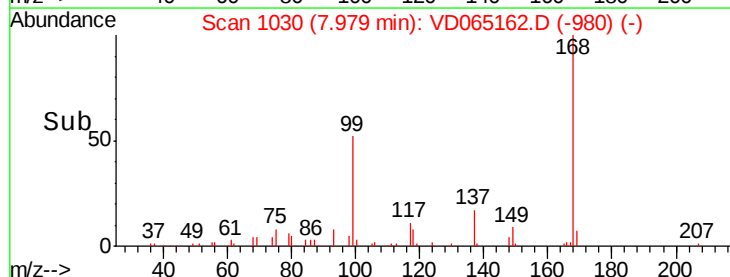
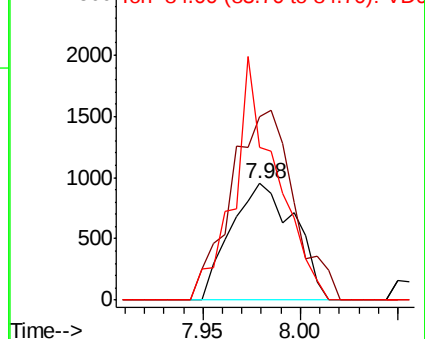
84 131.2 70.6 106.0#

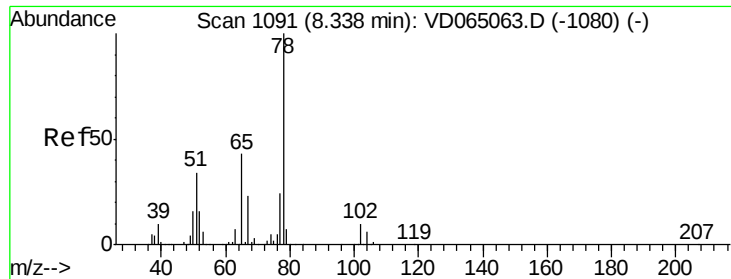


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC

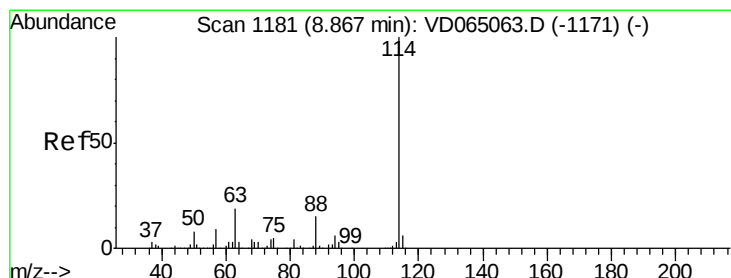
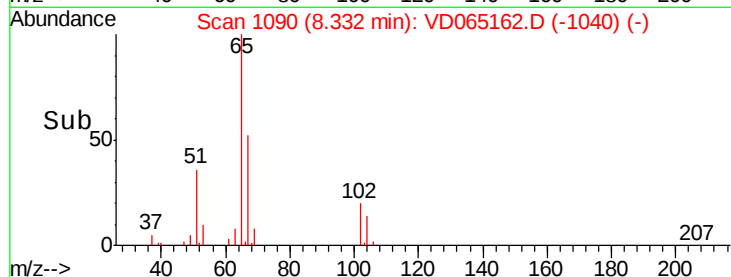
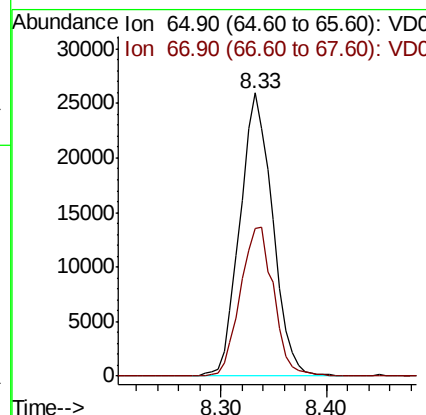
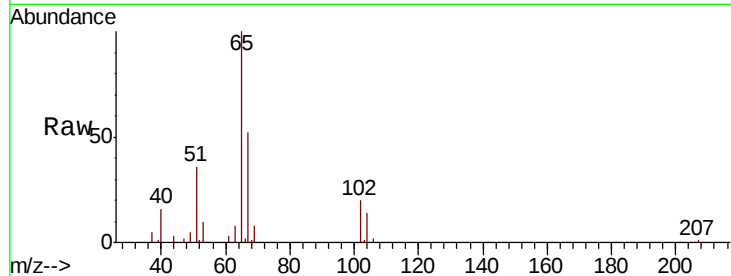




#33
 1,2-Dichloroethane-d4
 Concen: 76.624 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD065162.D
 Acq: 12 Feb 2020 14:50

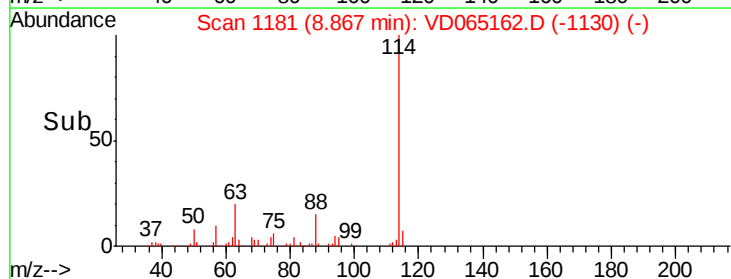
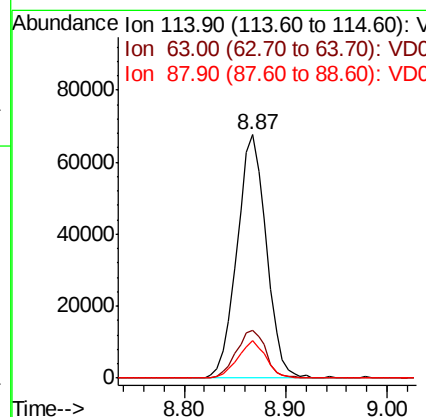
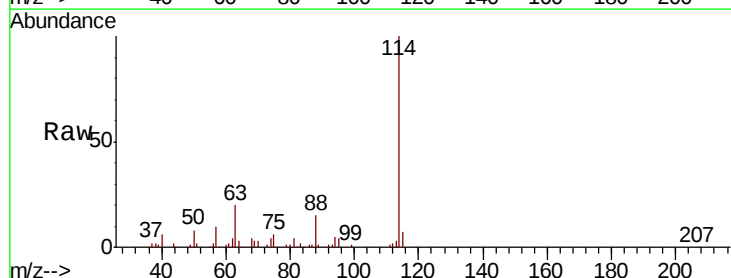
Instrument :
 MSVOA_D
 ClientSampleId :

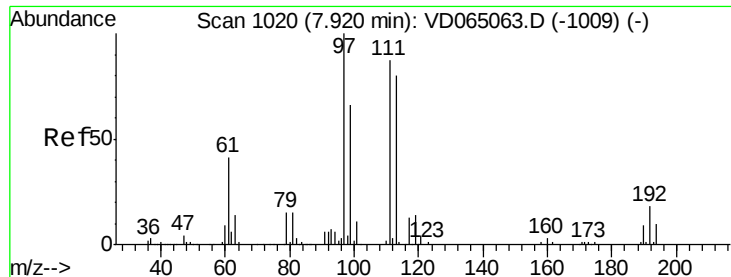
Tot Ion: 65 Resp: 55837
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065162.D
 Acq: 12 Feb 2020 14:50

Tgt Ion: 114 Resp: 135363
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.8
 88 15.2 0.0 29.6

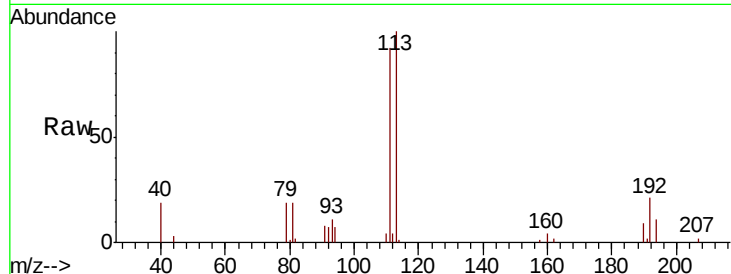




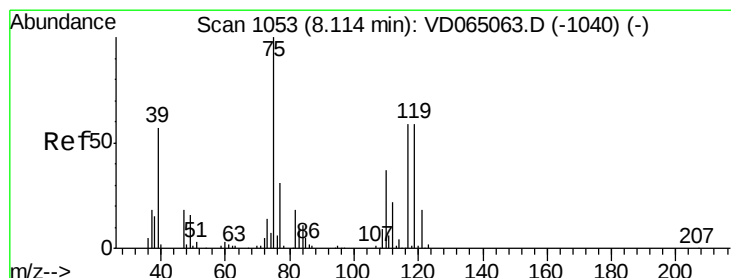
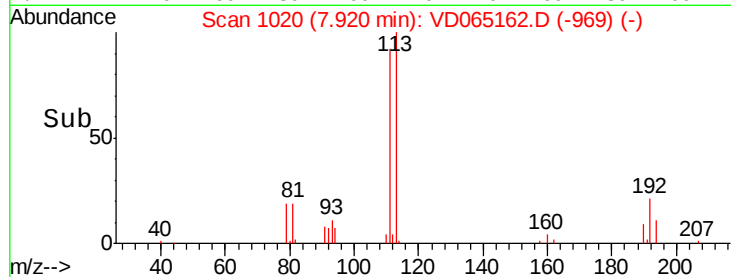
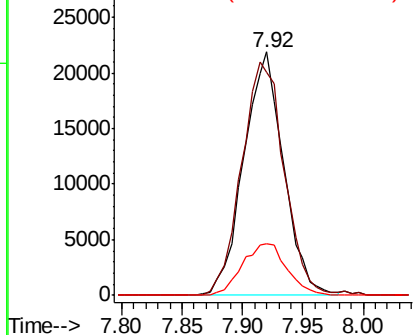
#35
 Dibromofluoromethane
 Concen: 66.581 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065162.D
 Acq: 12 Feb 2020 14:50

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion:113 Resp: 50285
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.1 124.7
 192 23.6 18.1 27.1

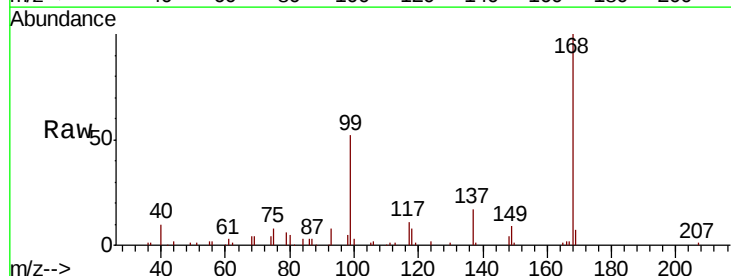


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

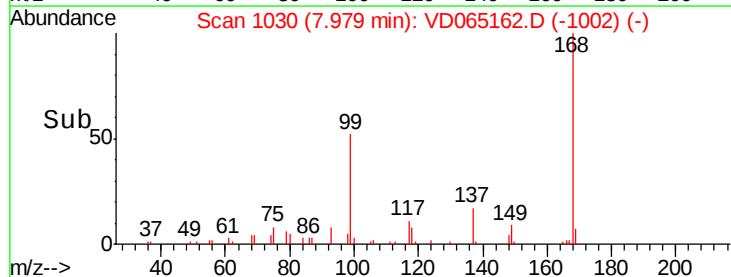
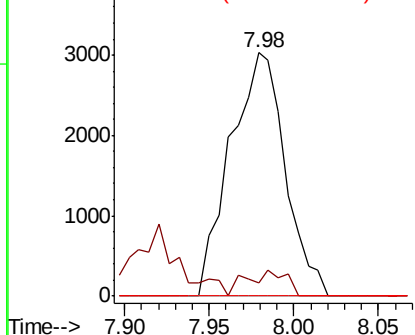


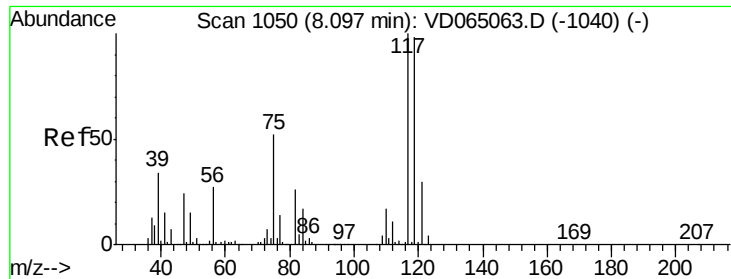
#36
 1,1-Dichloropropene
 Concen: 5.424 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD065162.D
 Acq: 12 Feb 2020 14:50

Tgt Ion: 75 Resp: 6827
 Ion Ratio Lower Upper
 75 100
 110 7.6 18.1 54.3#
 77 0.0 24.7 37.1#



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

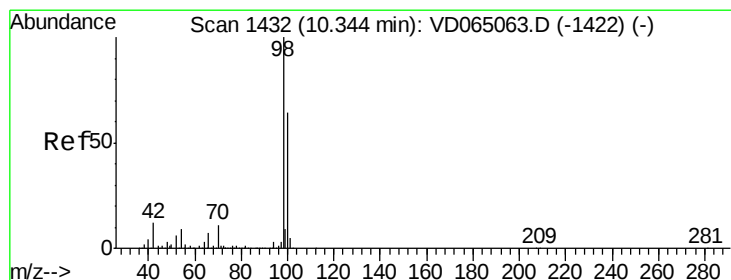
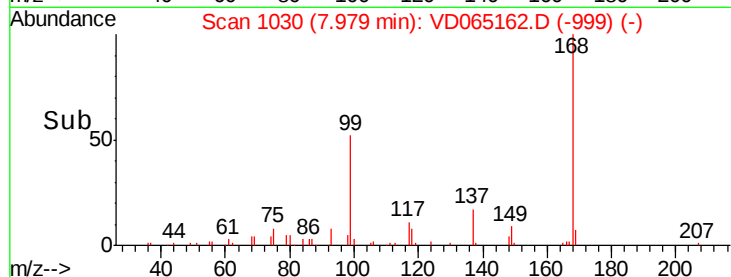
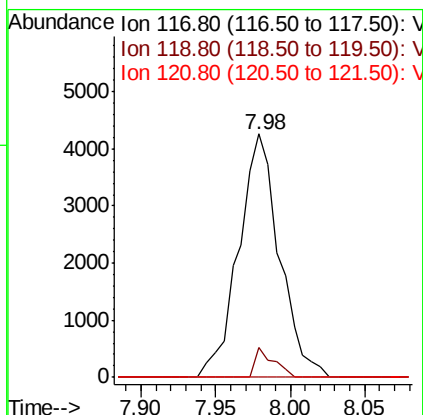
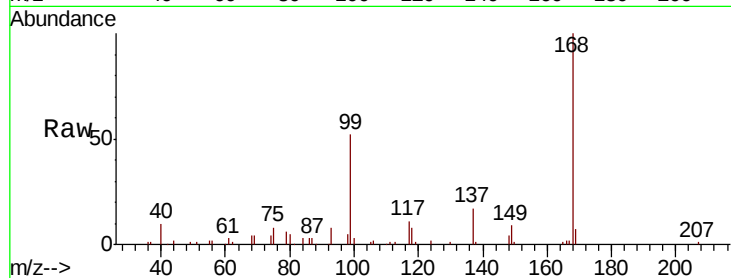




#38
Carbon Tetrachloride
Concen: 6.287 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD065162.D
Acq: 12 Feb 2020 14:50

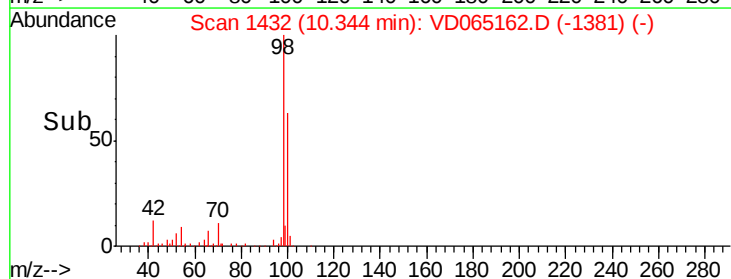
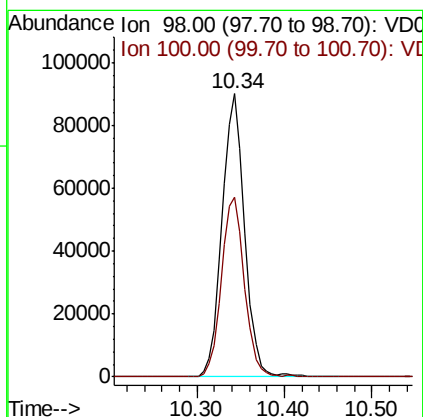
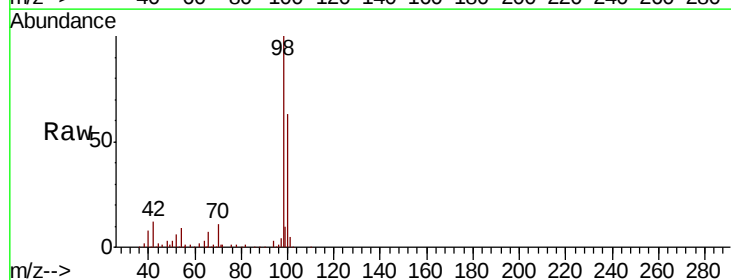
Instrument :
MSVOA_D
ClientSampled :

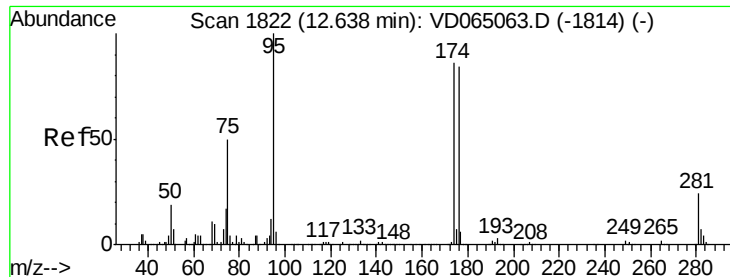
Tot Ion:117 Resp: 8082
Ion Ratio Lower Upper
117 100
119 12.4 78.5 117.7#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 53.420 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065162.D
Acq: 12 Feb 2020 14:50

Tgt Ion: 98 Resp: 160584
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1

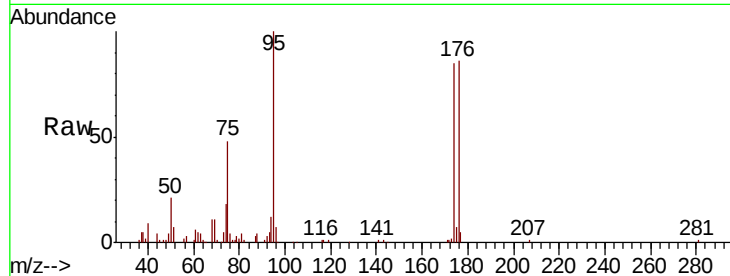




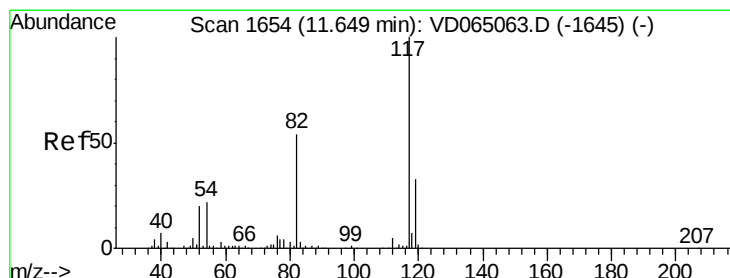
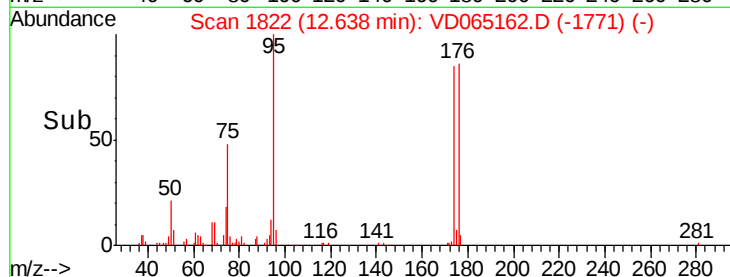
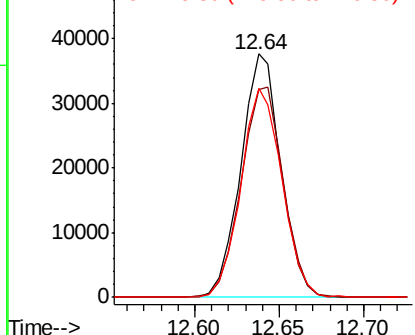
#62
4-Bromofluorobenzene
Concen: 65.172 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065162.D
Acq: 12 Feb 2020 14:50

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 95 Resp: 62077
Ion Ratio Lower Upper
95 100
174 90.7 0.0 180.0
176 87.8 0.0 173.2

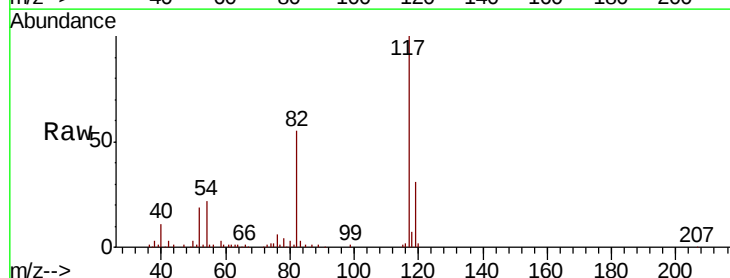


Abundance Ion 94.90 (94.60 to 95.60): VD
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

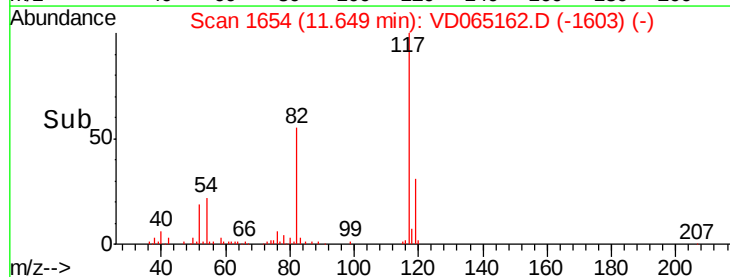
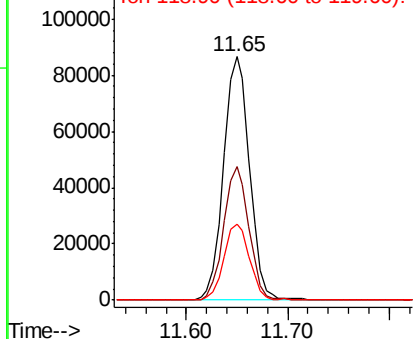


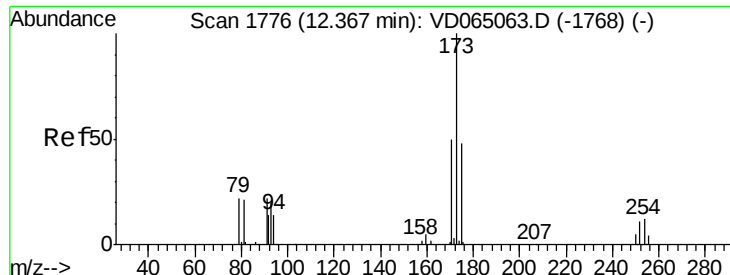
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065162.D
Acq: 12 Feb 2020 14:50

Tgt Ion: 117 Resp: 153469
Ion Ratio Lower Upper
117 100
82 55.1 43.1 64.7
119 31.4 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VD
Ion 118.90 (118.60 to 119.60): V





#71

Bromoform

Concen: 1.241 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.27 min

Lab File: VD065162.D

Acq: 12 Feb 2020 14:50

Instrument :

MSVOA_D

ClientSampleId :

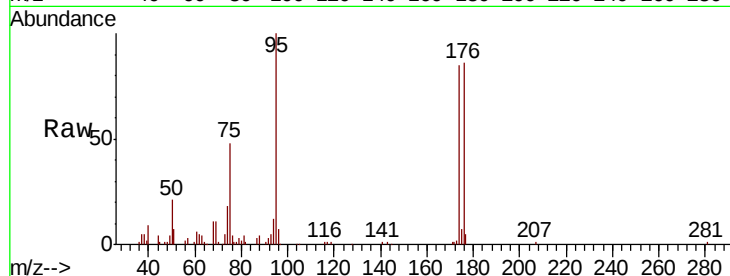
Tot Ion:173 Resp: 732

Ion Ratio Lower Upper

173 100

175 0.0 24.3 72.8#

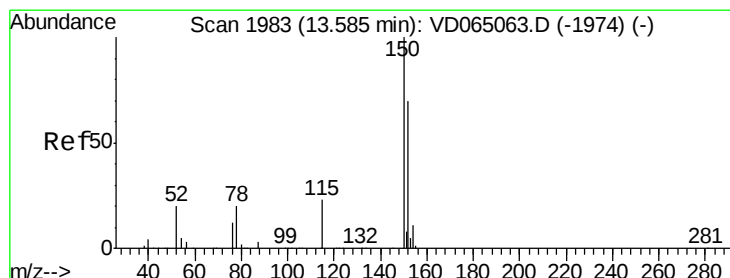
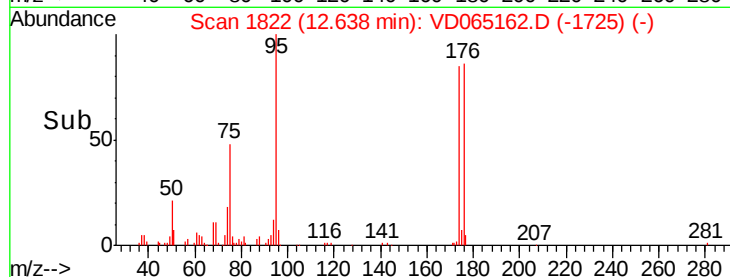
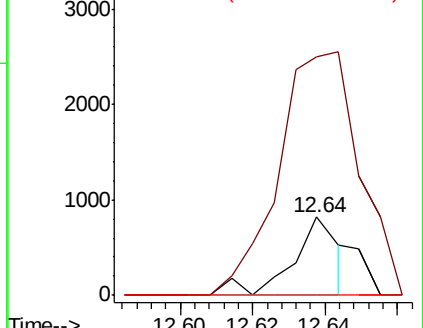
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD065162.D

Acq: 12 Feb 2020 14:50

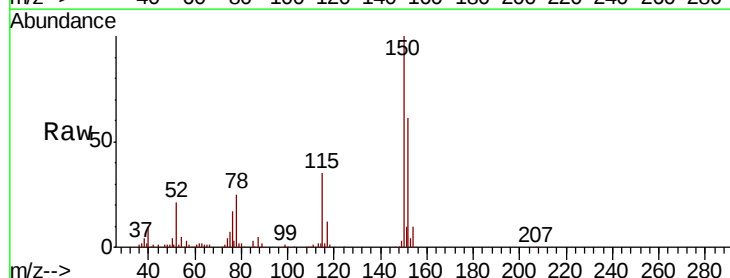
Tgt Ion:152 Resp: 74655

Ion Ratio Lower Upper

152 100

115 56.9 27.5 82.4

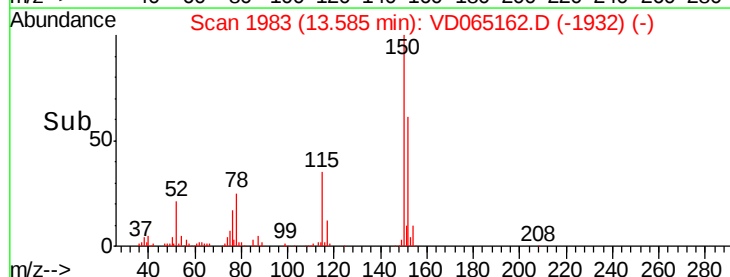
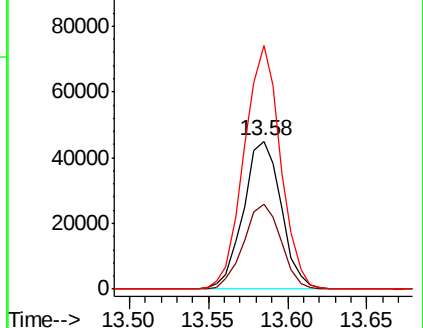
150 158.4 0.0 343.2

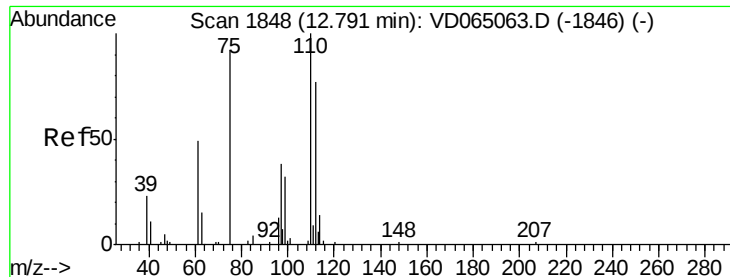


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 56.980 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. -0.15 min

Lab File: VD065162.D

Acq: 12 Feb 2020 14:50

Instrument :

MSVOA_D

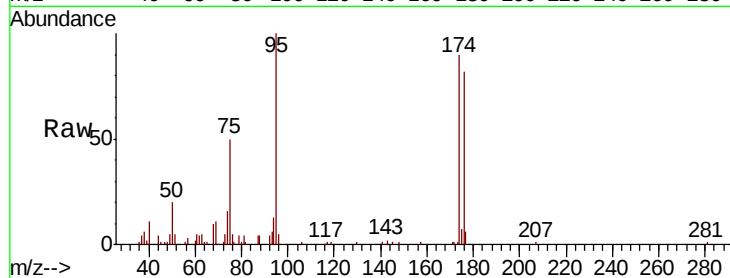
ClientSampleId :

Tot Ion: 75 Resp: 32206

Ion Ratio Lower Upper

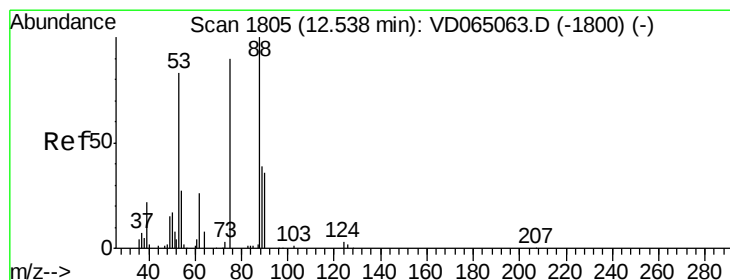
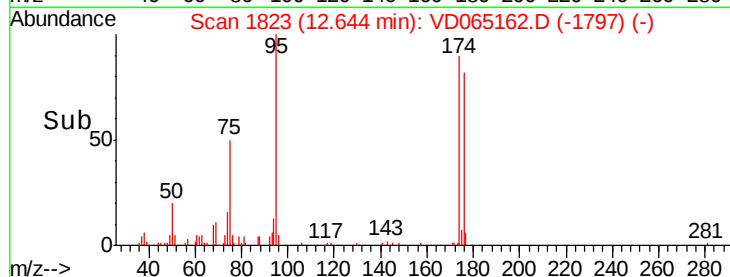
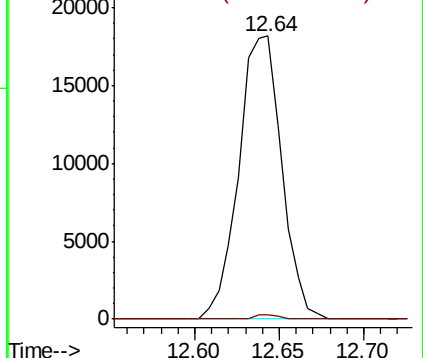
75 100

77 0.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 113.955 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.11 min

Lab File: VD065162.D

Acq: 12 Feb 2020 14:50

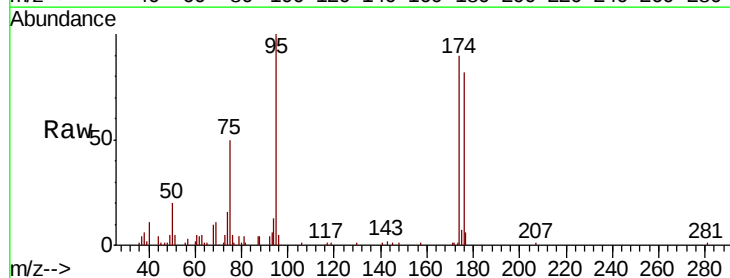
Tgt Ion: 75 Resp: 32206

Ion Ratio Lower Upper

75 100

53 0.0 78.5 117.7#

89 0.0 37.0 55.4#



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

