

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061919\
 Data File : VW010855.D
 Acq On : 19 Jun 2019 17:19
 Operator : SY/VA
 Sample : K3157-05RE
 Misc : 7.11G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-061719-C

Quant Time: Jun 20 05:48:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	253655	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	432421	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	342298	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	112890	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	152447	50.99	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.98%	
35) Dibromofluoromethane	7.88	113	110183	46.94	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.88%	
50) Toluene-d8	10.32	98	415678	40.39	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	80.78%	
62) 4-Bromofluorobenzene	12.62	95	131274	35.05	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	70.10%	

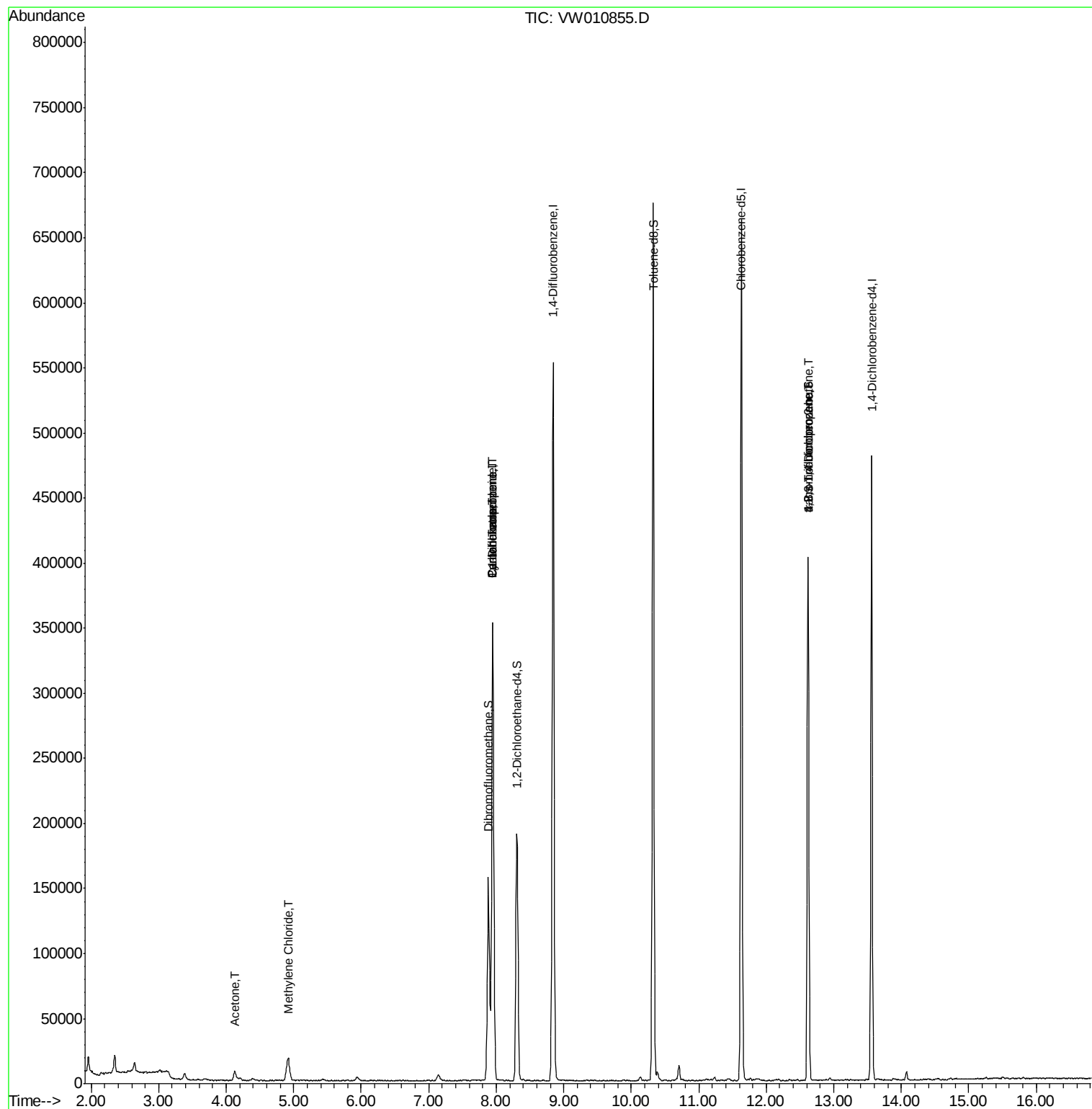
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	12825	16.009	ug/l	91
20) Methylene Chloride	4.92	84	12223	4.349	ug/l	98
31) Cyclohexane	7.95	56	7085	1.175	ug/l #	14
36) 1,1-Dichloropropene	7.95	75	22664	5.120	ug/l #	52
38) Carbon Tetrachloride	7.95	117	26243	6.868	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	73146	61.701	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	73146	141.808	ug/l #	5

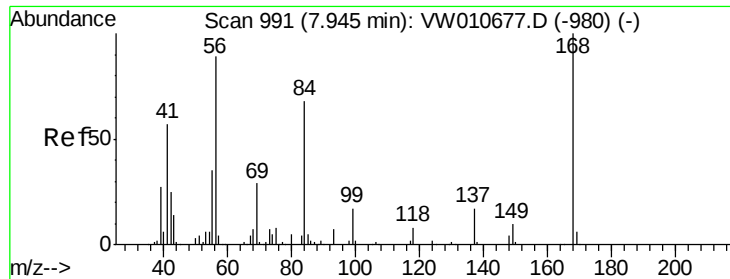
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061919\
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QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW010855.D

Acq: 19 Jun 2019 17:19

Instrument :

MSVOA_W

ClientSampleId :

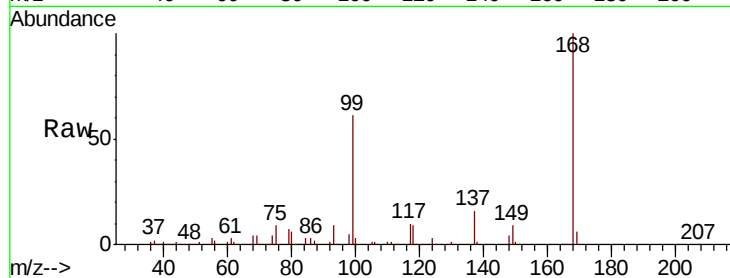
CL-01-061719-C

Tot Ion:168 Resp: 253655

Ion Ratio Lower Upper

168 100

99 61.1 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

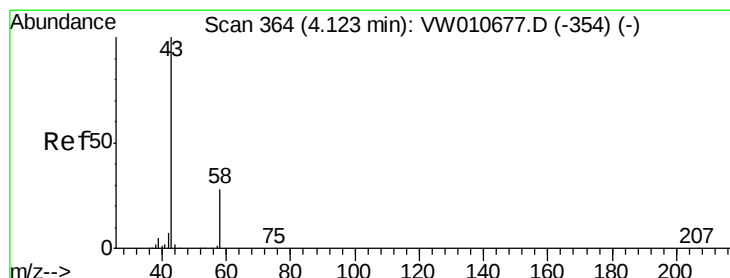
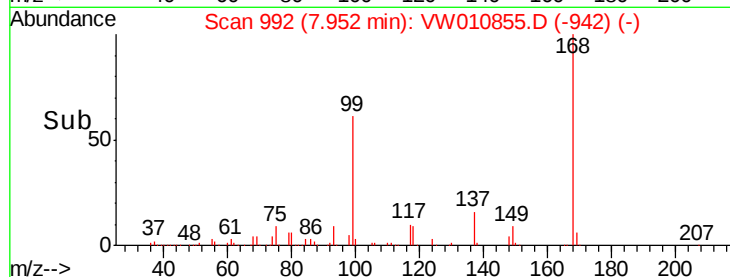
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 16.009 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010855.D

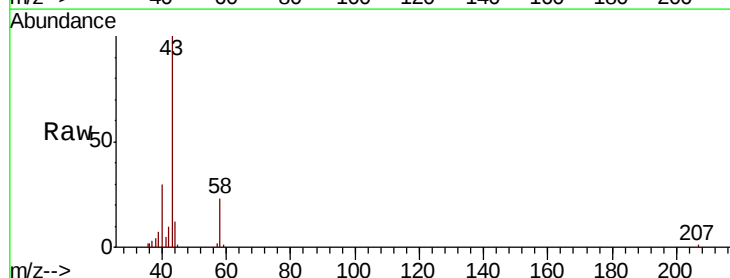
Acq: 19 Jun 2019 17:19

Tgt Ion: 43 Resp: 12825

Ion Ratio Lower Upper

43 100

58 23.1 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

5000

4000

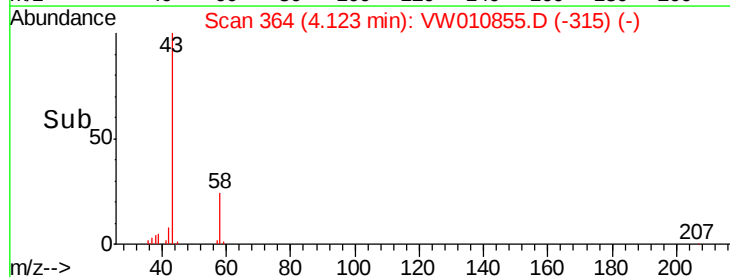
3000

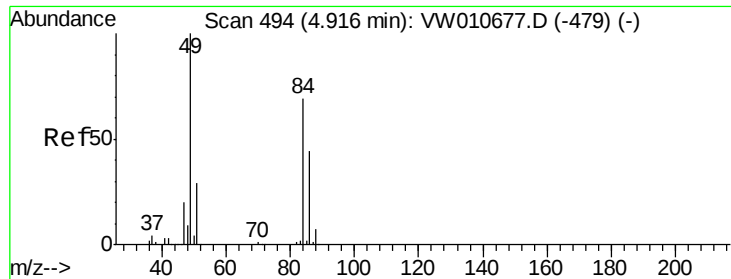
2000

1000

0

Time-->





#20

Methylene Chloride

Concen: 4.349 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW010855.D

Acq: 19 Jun 2019 17:19

Instrument :

MSVOA_W

ClientSampleId :

CL-01-061719-C

Tot Ion: 84 Resp: 12223

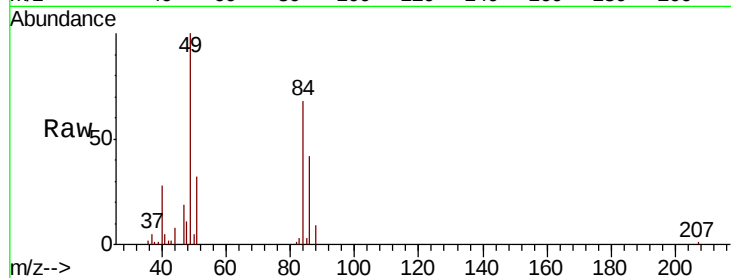
Ion Ratio Lower Upper

84 100

49 146.4 116.7 175.1

51 47.5 34.2 51.2

86 61.8 51.2 76.8



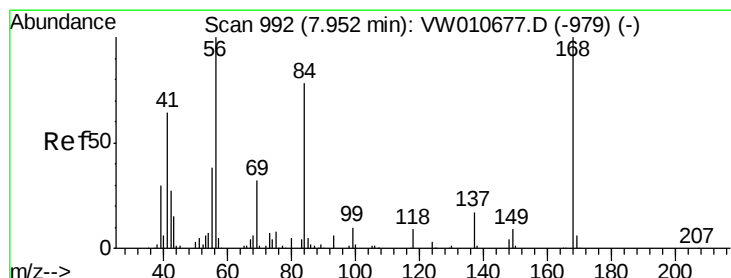
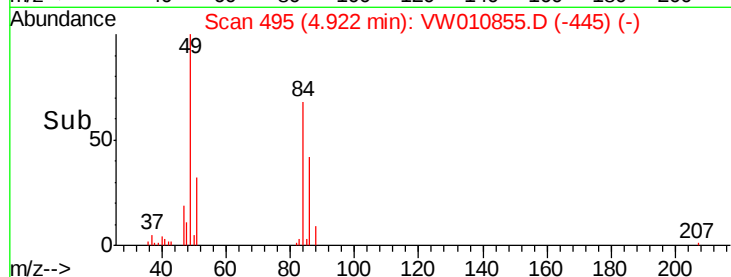
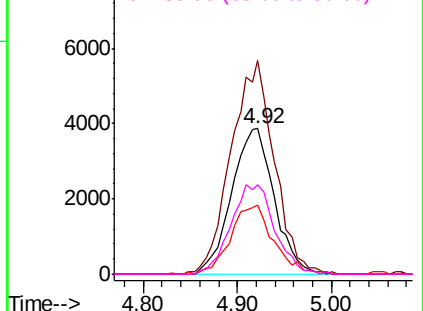
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#31

Cyclohexane

Concen: 1.175 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010855.D

Acq: 19 Jun 2019 17:19

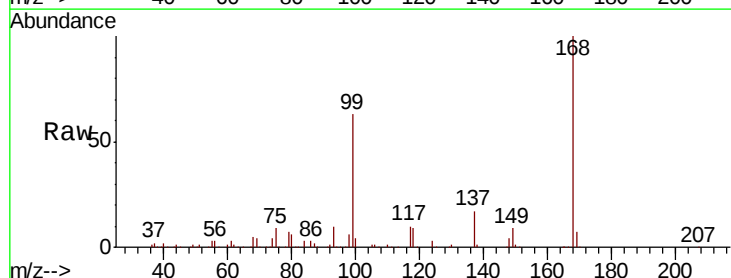
Tgt Ion: 56 Resp: 7085

Ion Ratio Lower Upper

56 100

69 144.6 25.2 37.8#

84 111.2 62.2 93.2#

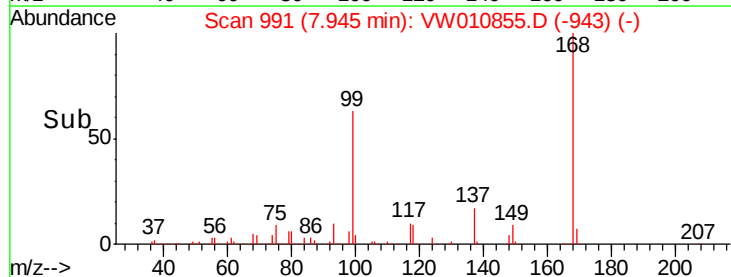
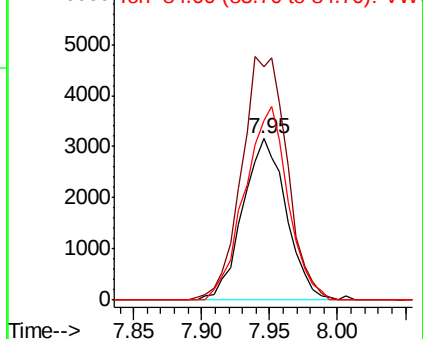


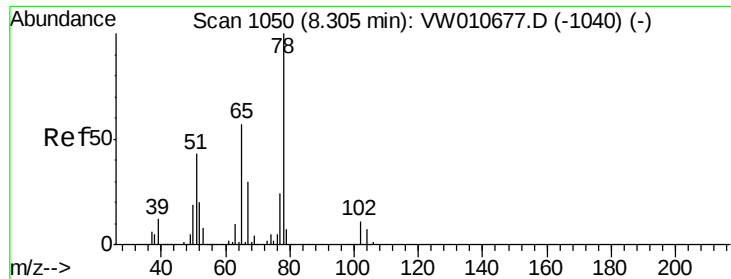
Abundance

Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW





#33

1,2-Dichloroethane-d4

Concen: 50.990 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010855.D

Acq: 19 Jun 2019 17:19

Instrument :

MSVOA_W

ClientSampleId :

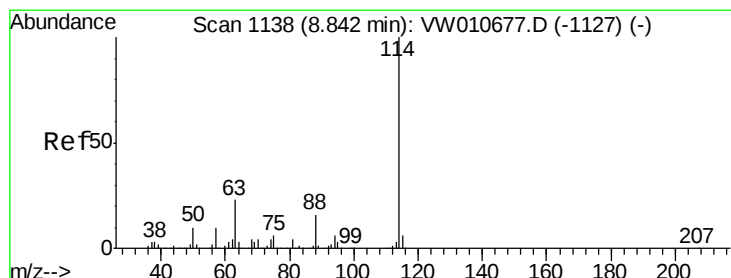
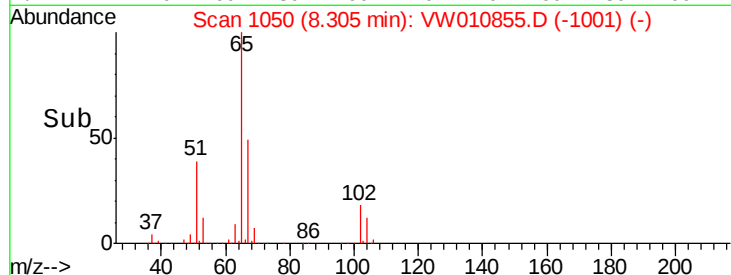
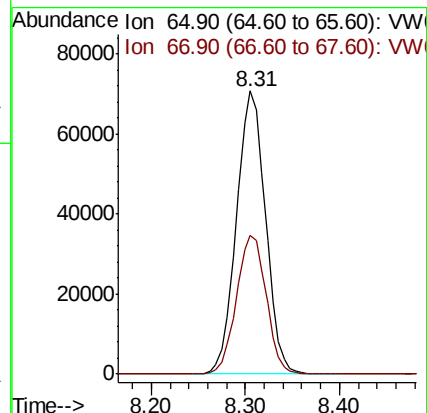
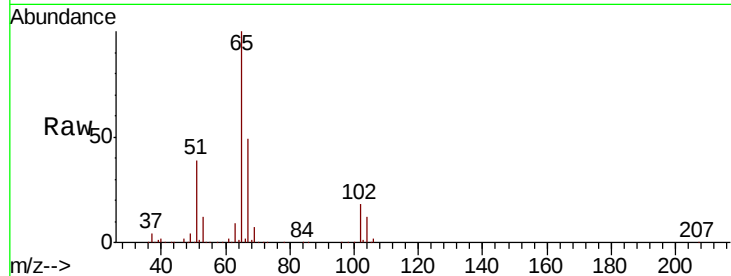
CL-01-061719-C

Tot Ion: 65 Resp: 152447

Ion Ratio Lower Upper

65 100

67 50.3 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010855.D

Acq: 19 Jun 2019 17:19

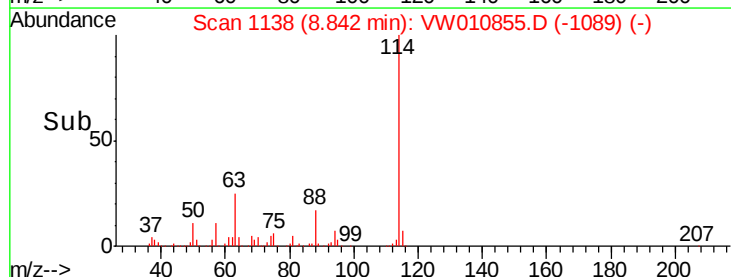
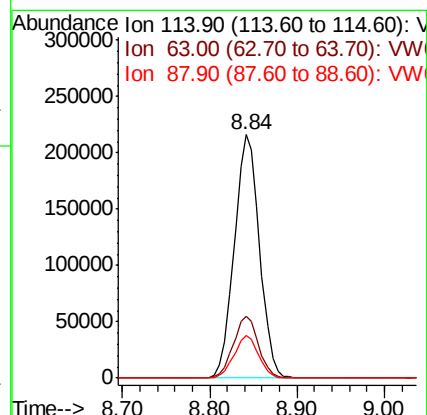
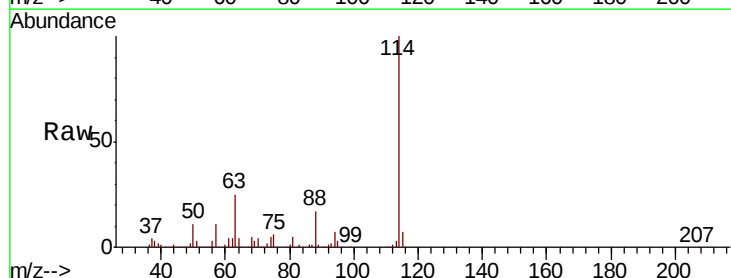
Tgt Ion: 114 Resp: 432421

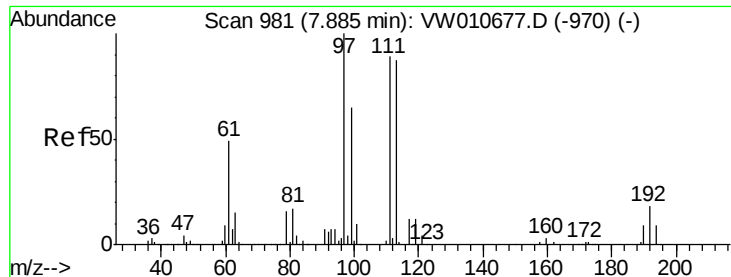
Ion Ratio Lower Upper

114 100

63 25.4 0.0 46.4

88 17.3 0.0 32.2





#35

Dibromofluoromethane

Concen: 46.944 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010855.D

Acq: 19 Jun 2019 17:19

Instrument :

MSVOA_W

ClientSampleId :

CL-01-061719-C

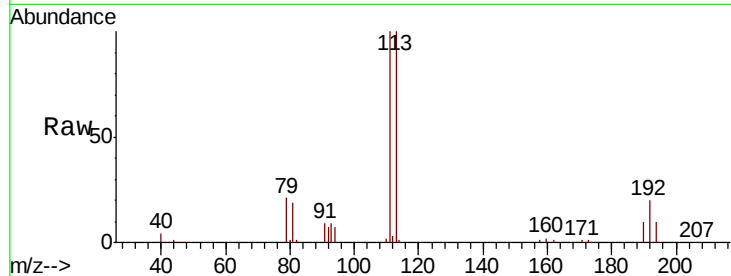
Tot Ion:113 Resp: 110183

Ion Ratio Lower Upper

113 100

111 101.5 82.6 123.8

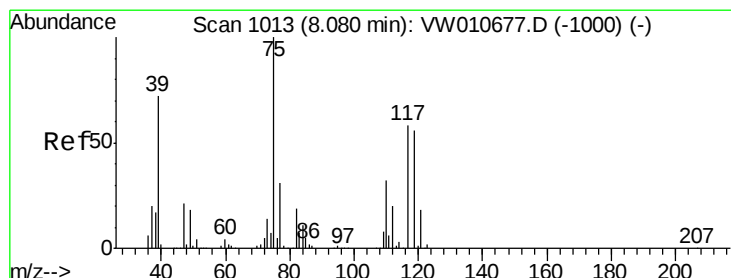
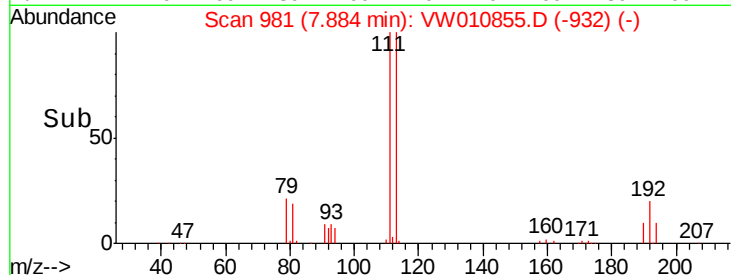
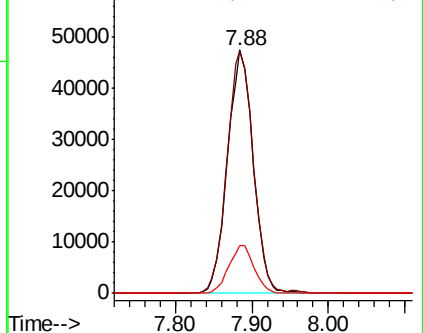
192 19.6 16.4 24.6



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: 5.120 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW010855.D

Acq: 19 Jun 2019 17:19

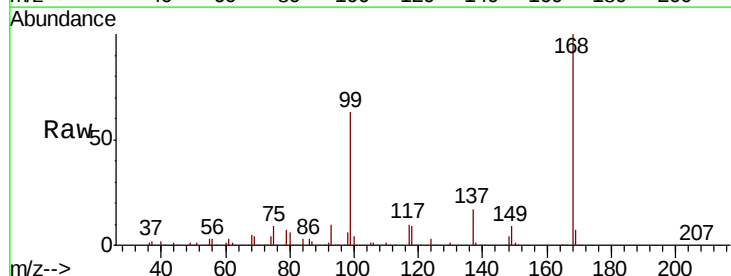
Tgt Ion: 75 Resp: 22664

Ion Ratio Lower Upper

75 100

110 8.9 15.8 47.3#

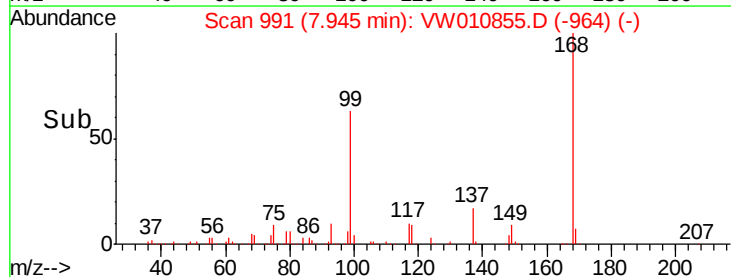
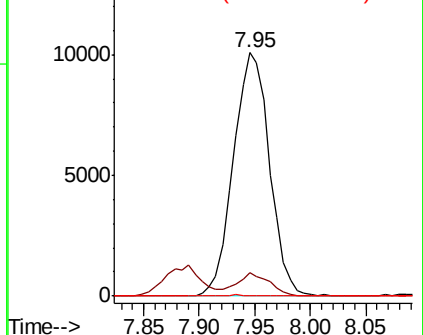
77 0.1 24.7 37.1#

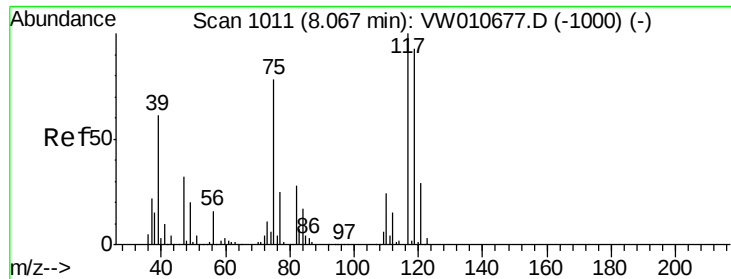


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

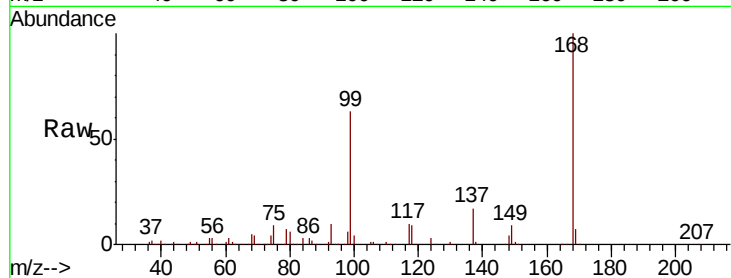




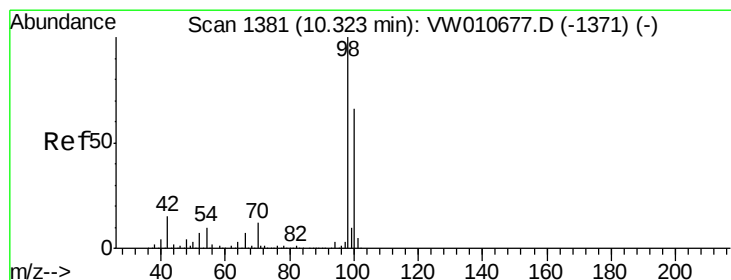
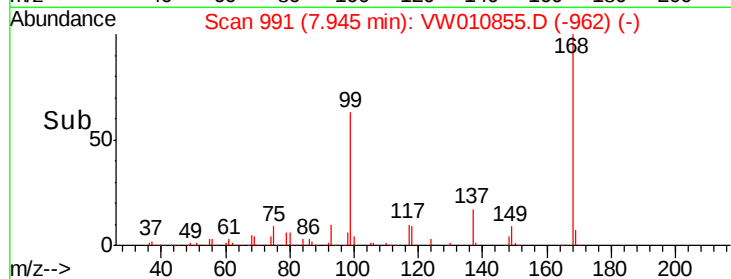
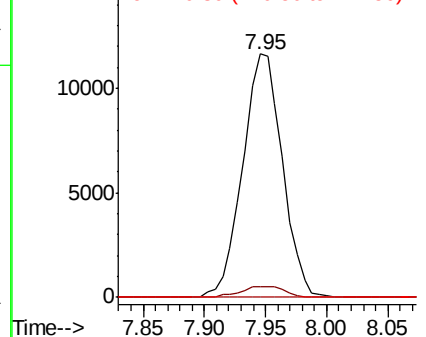
#38
Carbon Tetrachloride
Concen: 6.868 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW010855.D
Acq: 19 Jun 2019 17:19

Instrument :
MSVOA_W
ClientSampleId :
CL-01-061719-C

Tot Ion:117 Resp: 26243
Ion Ratio Lower Upper
117 100
119 4.4 74.2 111.4#
121 0.0 22.9 34.3#

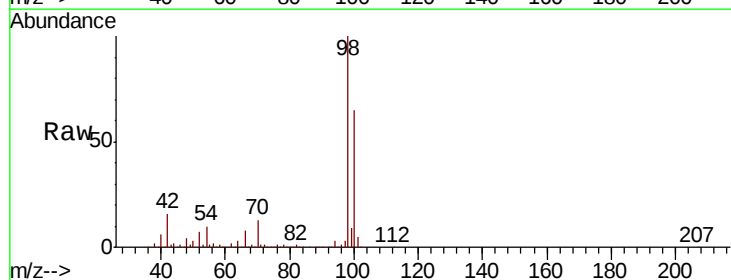


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

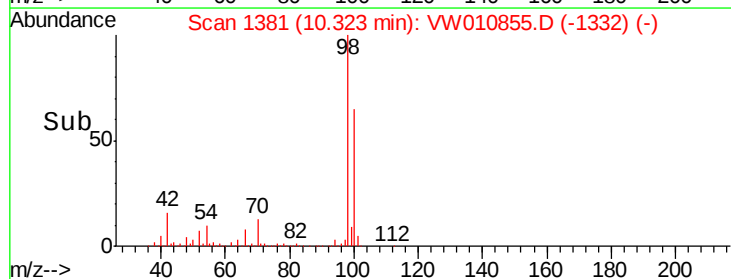
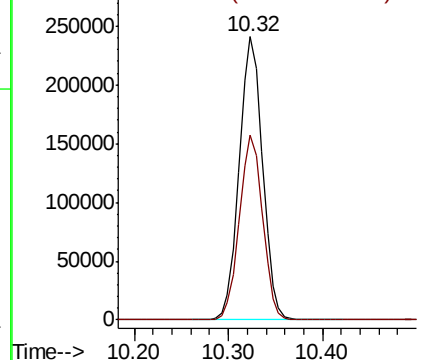


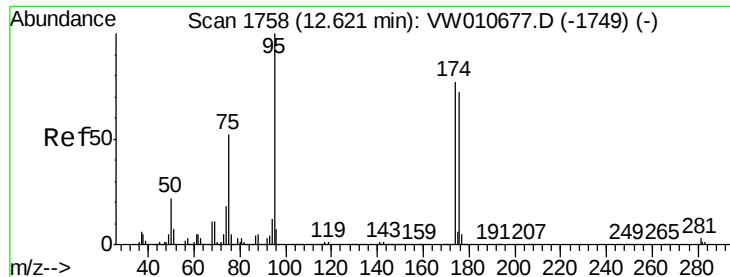
#50
Toluene-d8
Concen: 40.387 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010855.D
Acq: 19 Jun 2019 17:19

Tgt Ion: 98 Resp: 415678
Ion Ratio Lower Upper
98 100
100 65.0 53.0 79.6



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

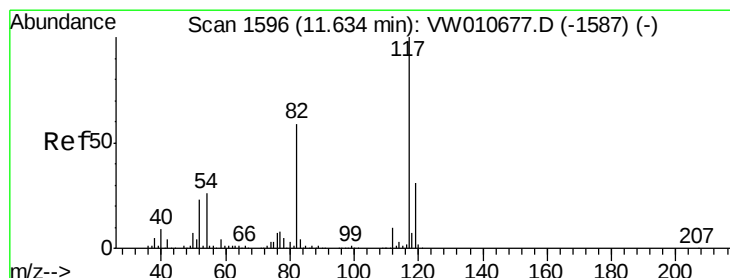
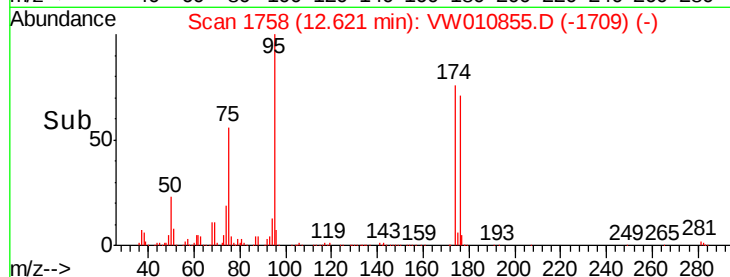
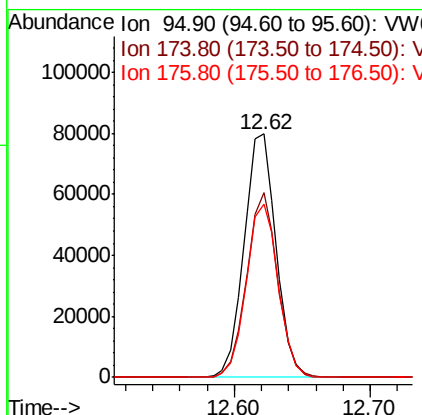
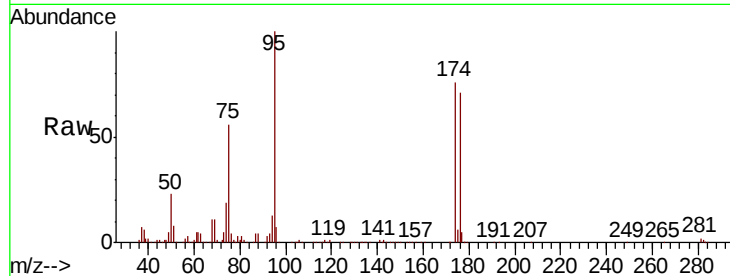




#62
4-Bromofluorobenzene
Concen: 35.051 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010855.D
Acq: 19 Jun 2019 17:19

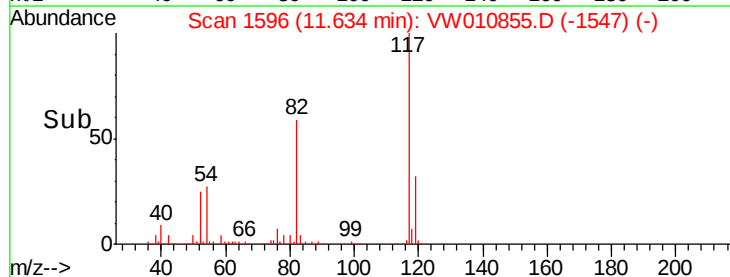
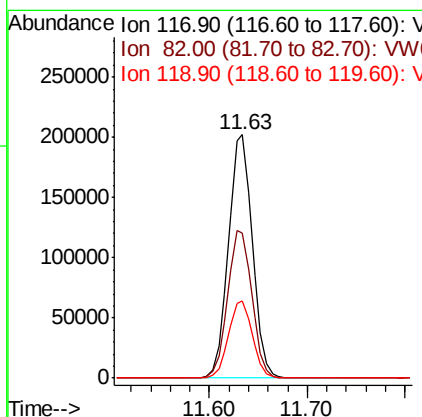
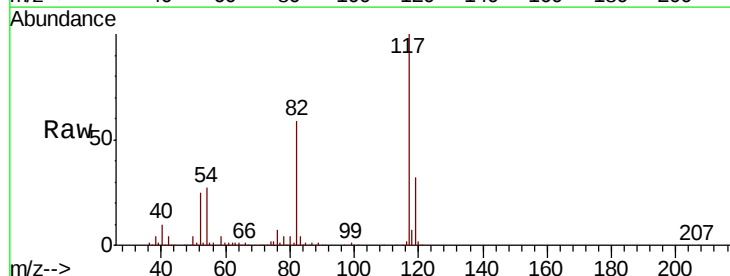
Instrument :
MSVOA_W
ClientSampleId :
CL-01-061719-C

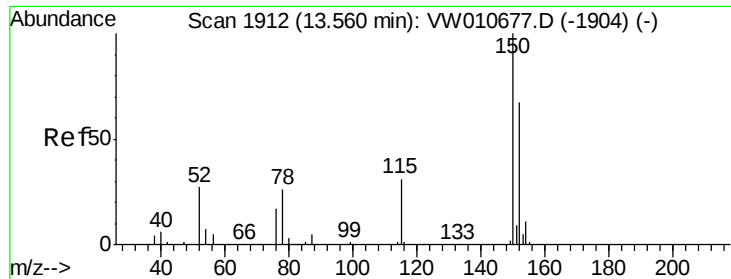
Tot Ion: 95 Resp: 131274
Ion Ratio Lower Upper
95 100
174 73.3 0.0 150.4
176 71.1 0.0 144.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010855.D
Acq: 19 Jun 2019 17:19

Tgt Ion: 117 Resp: 342298
Ion Ratio Lower Upper
117 100
82 59.4 47.0 70.4
119 31.9 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010855.D

Acq: 19 Jun 2019 17:19

Instrument :

MSVOA_W

ClientSampleId :

CL-01-061719-C

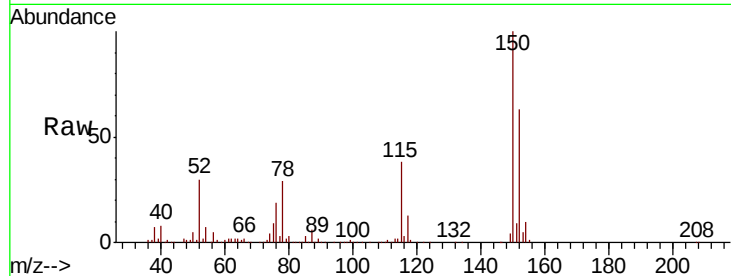
Tot Ion:152 Resp: 112890

Ion Ratio Lower Upper

152 100

115 62.0 29.8 89.3

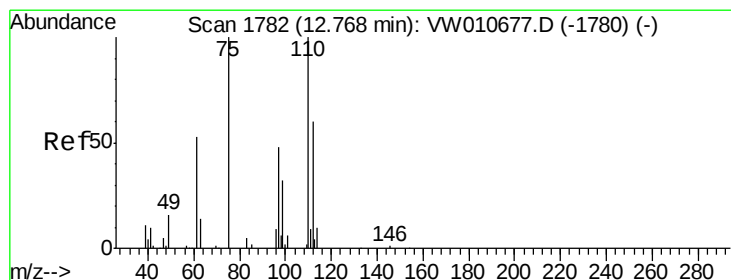
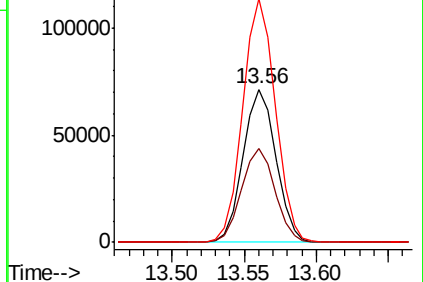
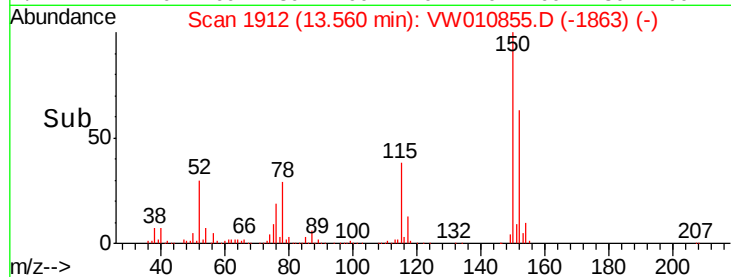
150 157.6 0.0 345.0



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: 61.701 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010855.D

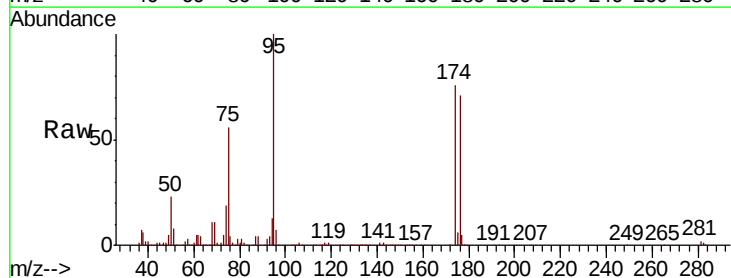
Acq: 19 Jun 2019 17:19

Tgt Ion: 75 Resp: 73146

Ion Ratio Lower Upper

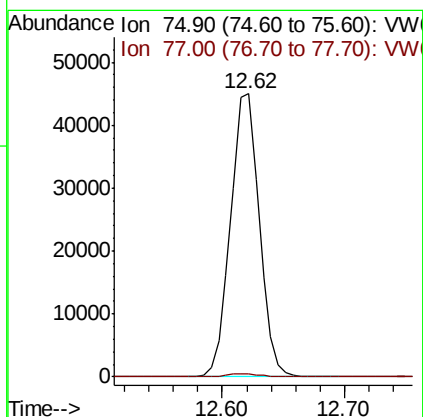
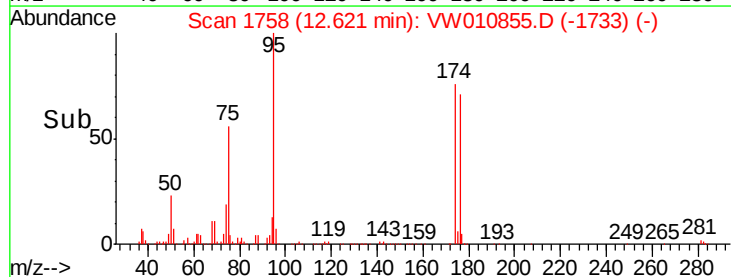
75 100

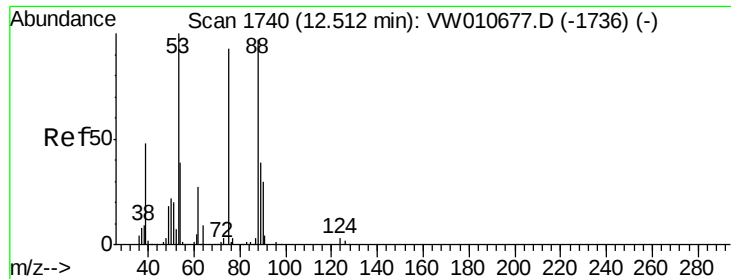
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 141.808 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010855.D

Acq: 19 Jun 2019 17:19

Instrument :

MSVOA_W

ClientSampleId :

CL-01-061719-C

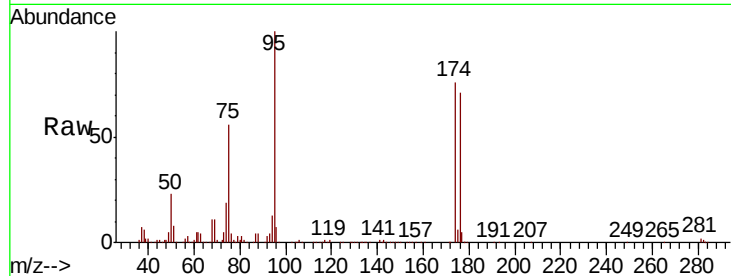
Tot Ion: 75 Resp: 73146

Ion Ratio Lower Upper

75 100

53 0.1 90.1 135.1#

89 0.0 34.6 52.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

