

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052219\
 Data File : VW010508.D
 Acq On : 22 May 2019 14:14
 Operator : SY/VA
 Sample : K2993-17
 Misc : 6.11G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 COMP-2

Quant Time: May 23 06:57:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	121786	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	227175	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	201910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	87541	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	76023	60.48	ug/l	0.00
Spiked Amount				50.000		
Recovery				=	120.96%	
35) Dibromofluoromethane	7.88	113	71981	52.22	ug/l	0.00
Spiked Amount				50.000		
Recovery				=	104.44%	
50) Toluene-d8	10.32	98	281273	53.41	ug/l	0.00
Spiked Amount				50.000		
Recovery				=	106.82%	
62) 4-Bromofluorobenzene	12.62	95	104925	50.02	ug/l	0.00
Spiked Amount				50.000		
Recovery				=	100.04%	

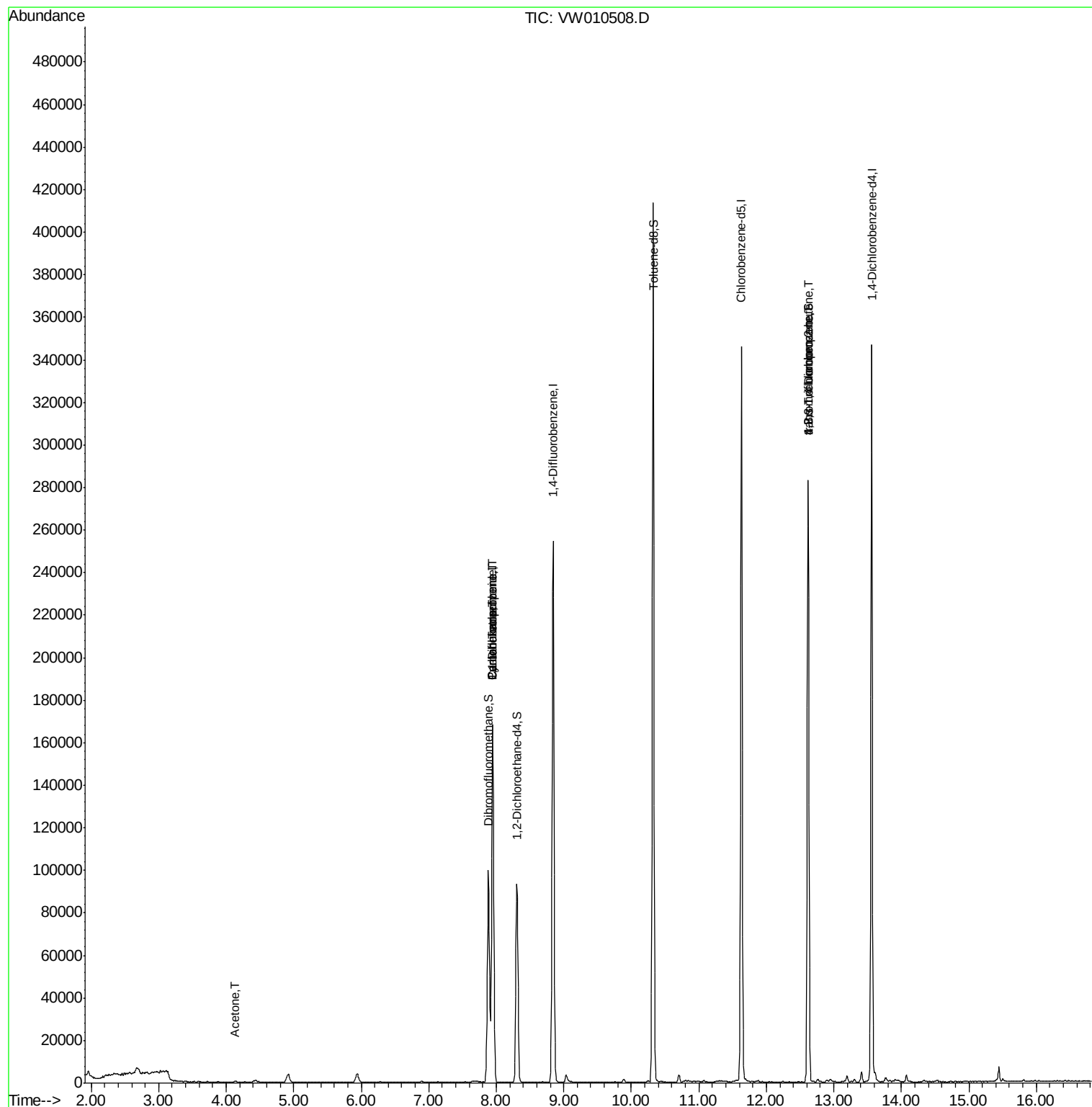
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	219	Below Cal	#	42
16) Acetone	4.14	43	1012	3.944	ug/l #	74
20) Methylene Chloride	4.92	84	3153	Below Cal		92
31) Cyclohexane	7.95	56	2674	1.120	ug/l #	10
36) 1,1-Dichloropropene	7.95	75	9863	4.661	ug/l #	47
38) Carbon Tetrachloride	7.95	117	13021	5.704	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	50060	56.336	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	50060	117.575	ug/l #	14

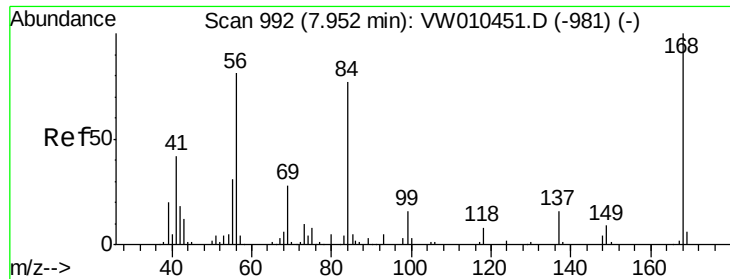
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010508.D

Acq: 22 May 2019 14:14

Instrument :

MSVOA_W

ClientSampleId :

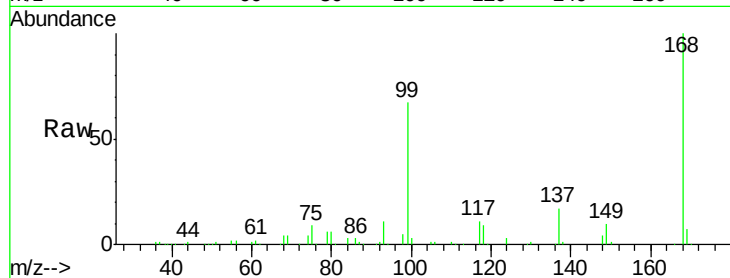
COMP-2

Tot Ion:168 Resp: 121786

Ion Ratio Lower Upper

168 100

99 66.9 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

30000

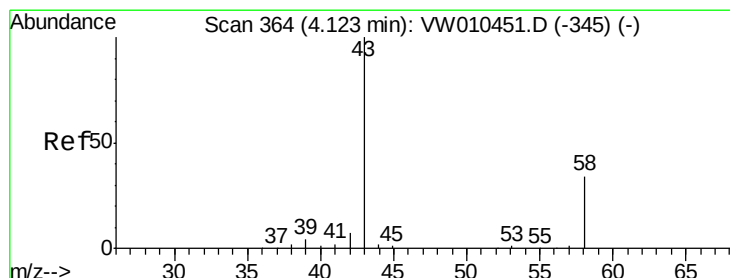
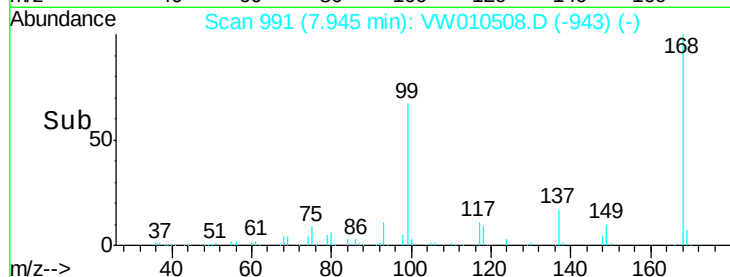
20000

10000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#16

Acetone

Concen: 3.944 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW010508.D

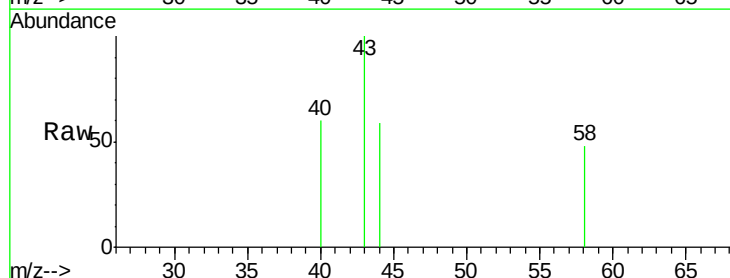
Acq: 22 May 2019 14:14

Tgt Ion: 43 Resp: 1012

Ion Ratio Lower Upper

43 100

58 48.5 27.0 40.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

300

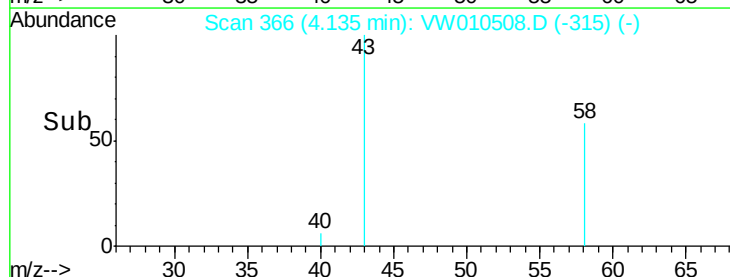
200

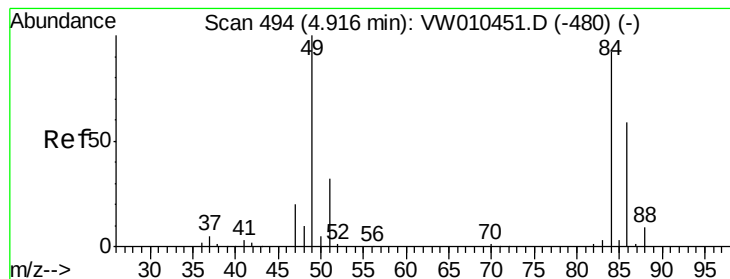
100

0

Time-->

4.05 4.10 4.15 4.20





#20

Methvlene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW010508.D

Acq: 22 May 2019 14:14

Instrument :

MSVOA_W

ClientSampleId :

COMP-2

Tot Ion: 84 Resp: 3153

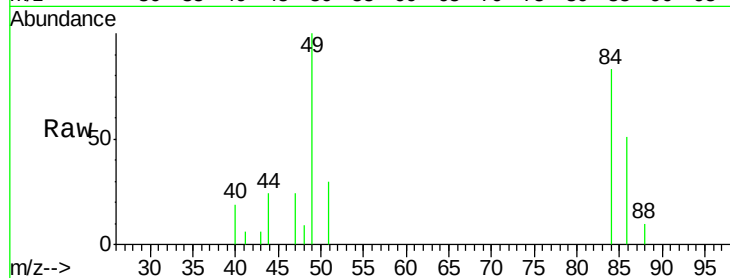
Ion Ratio Lower Upper

84 100

49 121.1 87.2 130.8

51 36.6 27.7 41.5

86 61.4 51.4 77.0

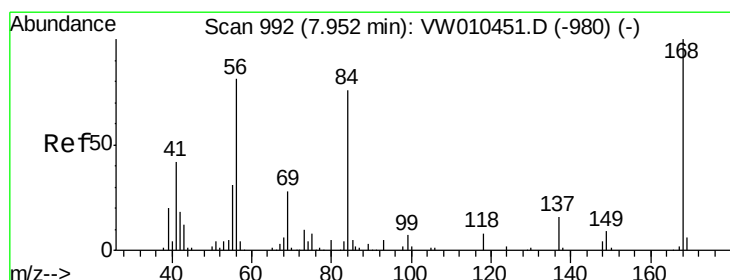
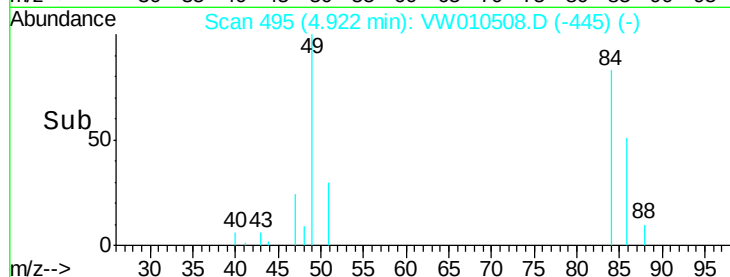
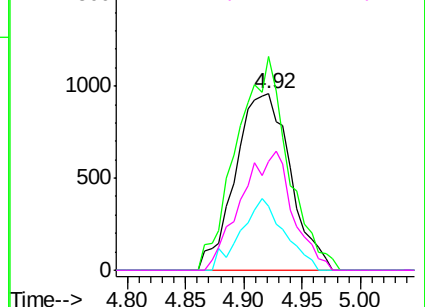


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 1.120 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010508.D

Acq: 22 May 2019 14:14

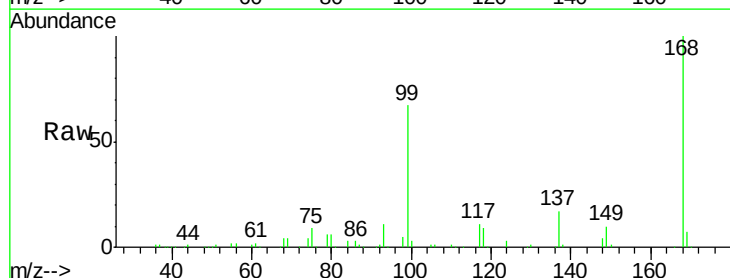
Tgt Ion: 56 Resp: 2674

Ion Ratio Lower Upper

56 100

69 192.8 28.2 42.2#

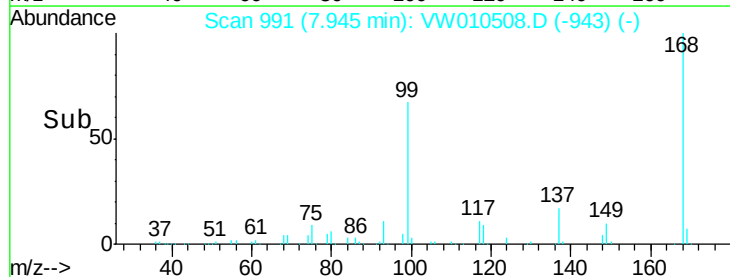
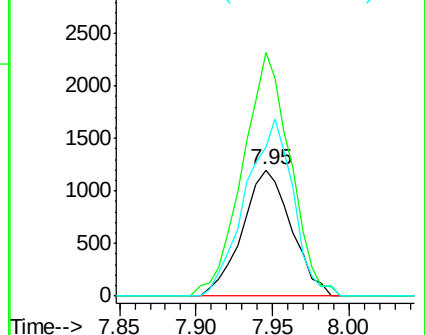
84 117.5 75.8 113.8#

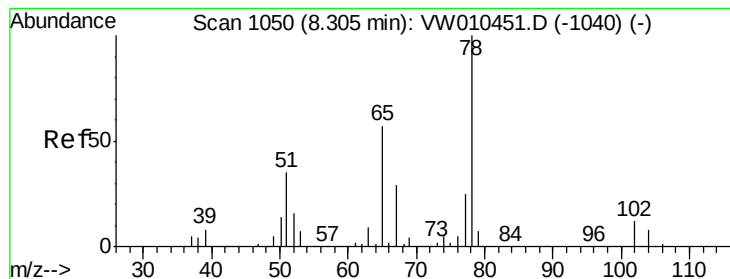


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW





#33

1,2-Dichloroethane-d4

Concen: 60.478 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010508.D

Acq: 22 May 2019 14:14

Instrument :

MSVOA_W

ClientSampled :

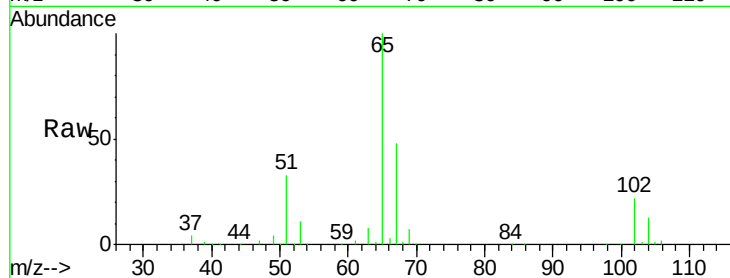
COMP-2

Tot Ion: 65 Resp: 76023

Ion Ratio Lower Upper

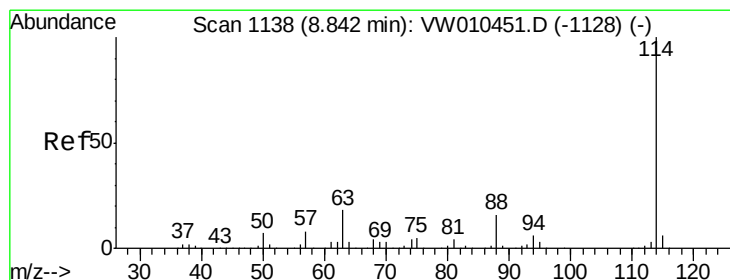
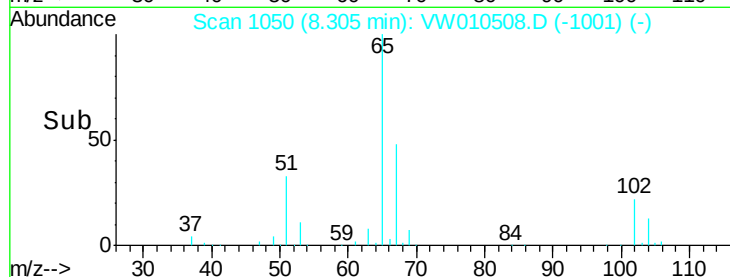
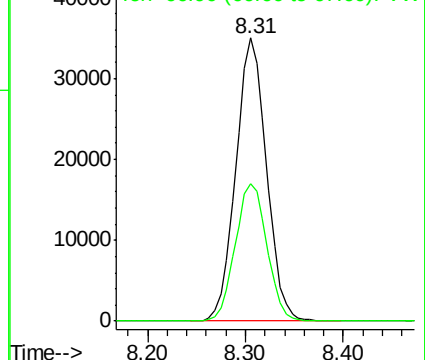
65 100

67 50.3 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010508.D

Acq: 22 May 2019 14:14

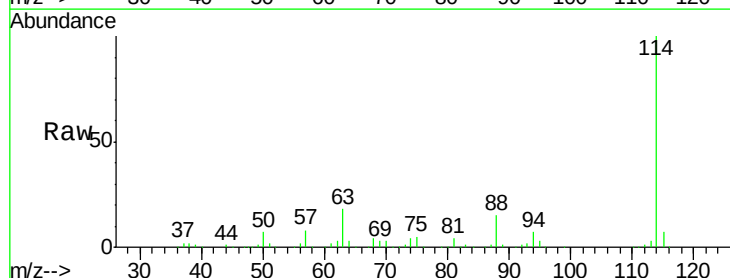
Tgt Ion: 114 Resp: 227175

Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.0

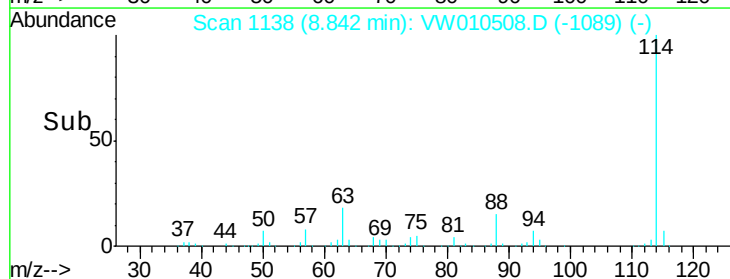
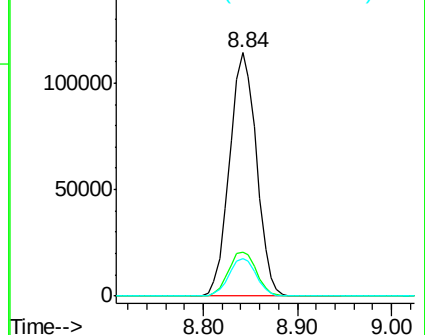
88 15.4 0.0 32.0

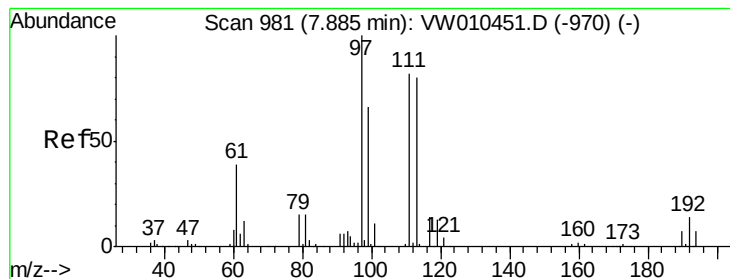


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 52.219 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010508.D

Acq: 22 May 2019 14:14

Instrument :

MSVOA_W

ClientSampleId :

COMP-2

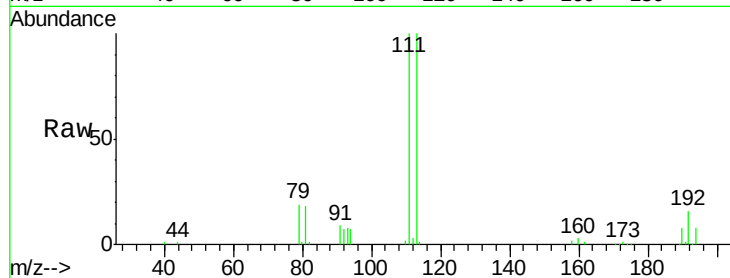
Tot Ion:113 Resp: 71981

Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.4

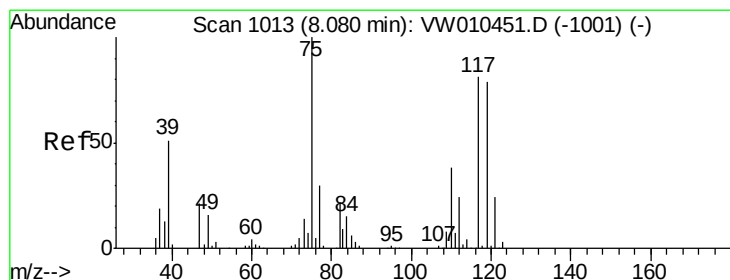
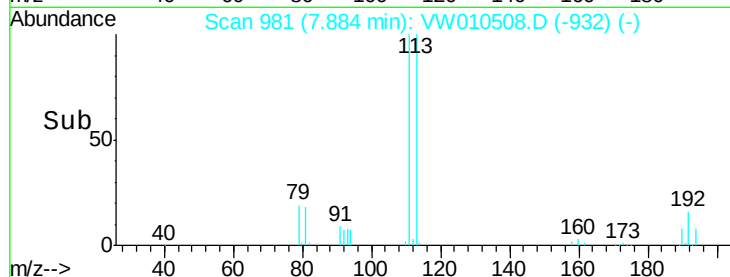
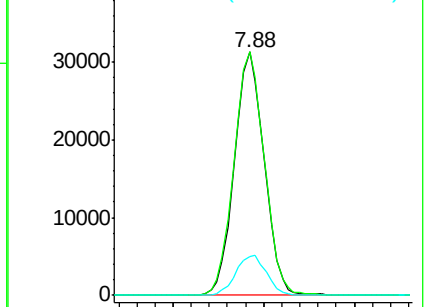
192 17.1 14.3 21.5



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: 4.661 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW010508.D

Acq: 22 May 2019 14:14

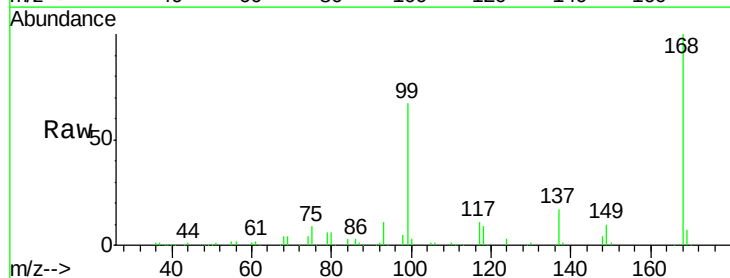
Tgt Ion: 75 Resp: 9863

Ion Ratio Lower Upper

75 100

110 8.1 19.2 57.6#

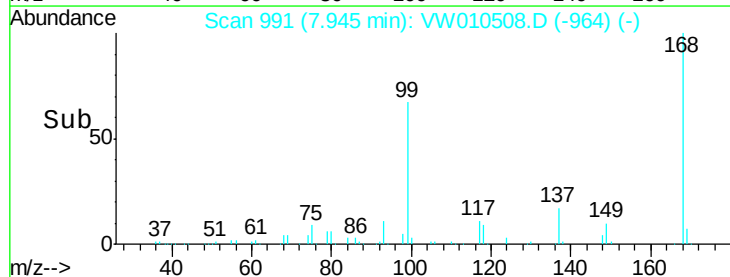
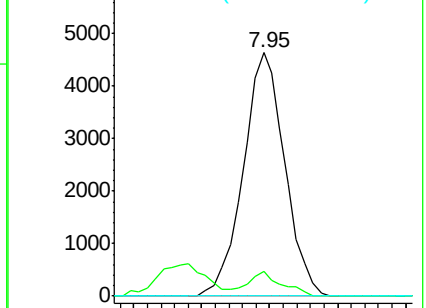
77 0.0 25.2 37.8#

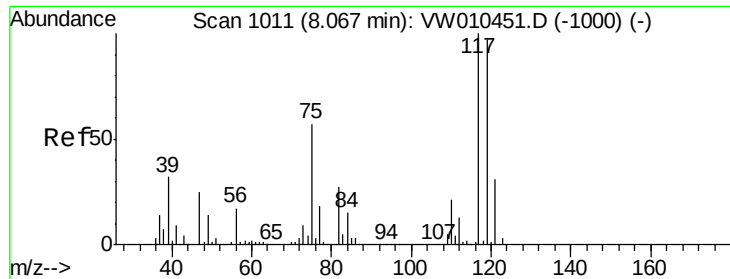


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

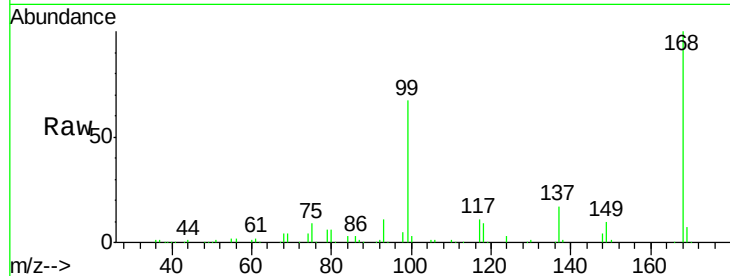




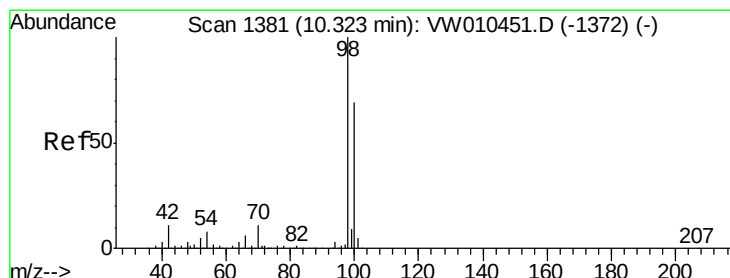
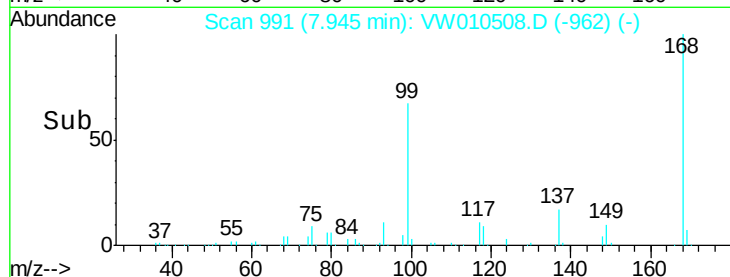
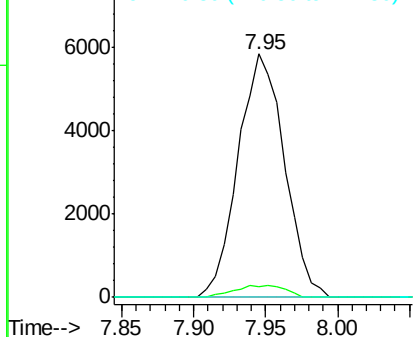
#38
Carbon Tetrachloride
Concen: 5.704 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW010508.D
Acq: 22 May 2019 14:14

Instrument :
MSVOA_W
ClientSampleId :
COMP-2

Tot Ion:117 Resp: 13021
Ion Ratio Lower Upper
117 100
119 4.4 77.4 116.0#
121 0.0 25.0 37.6#

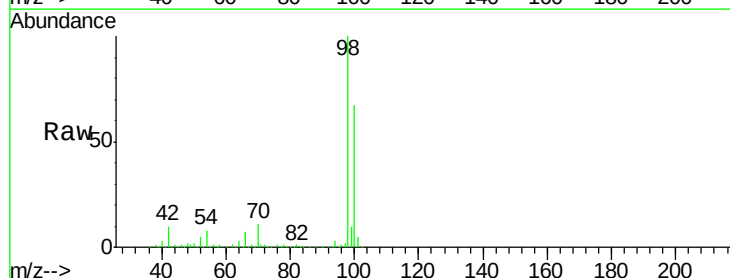


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

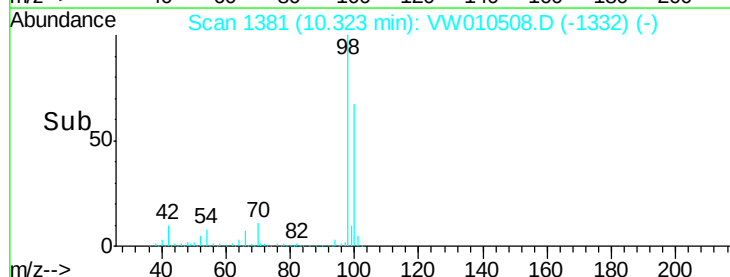
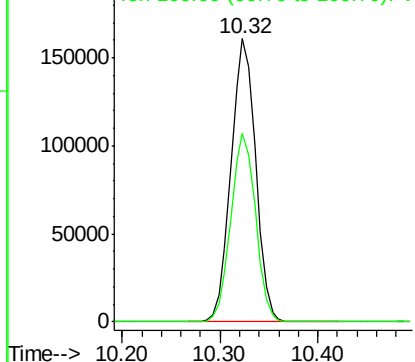


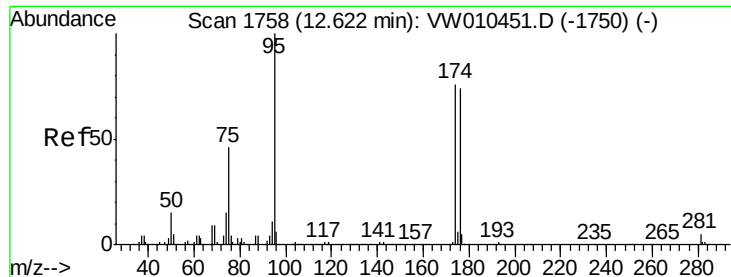
#50
Toluene-d8
Concen: 53.413 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010508.D
Acq: 22 May 2019 14:14

Tgt Ion: 98 Resp: 281273
Ion Ratio Lower Upper
98 100
100 66.5 53.7 80.5



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

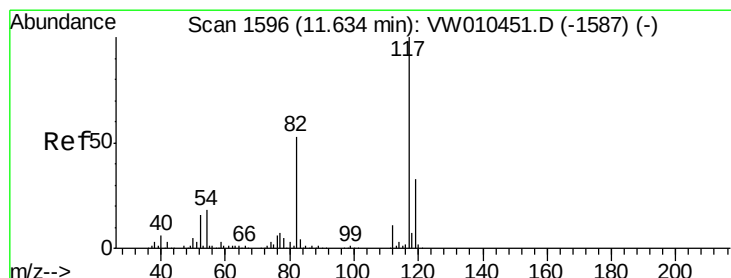
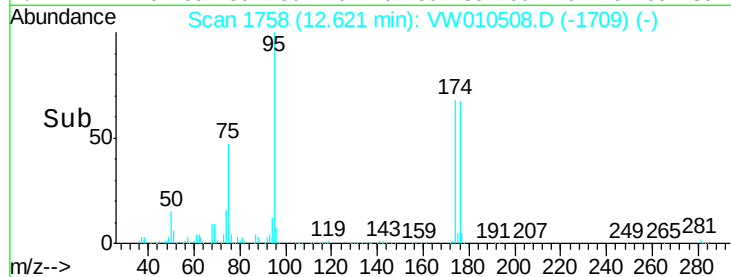
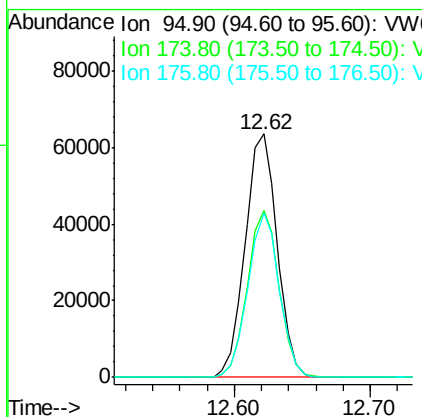
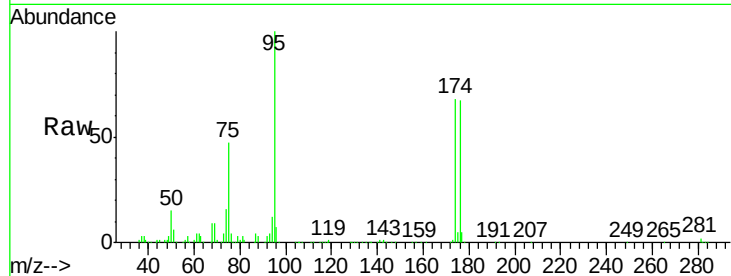




#62
4-Bromofluorobenzene
Concen: 50.023 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010508.D
Acq: 22 May 2019 14:14

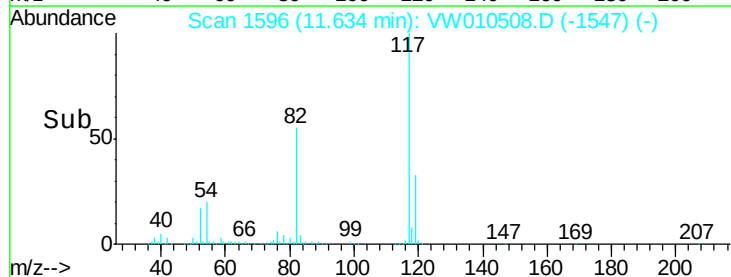
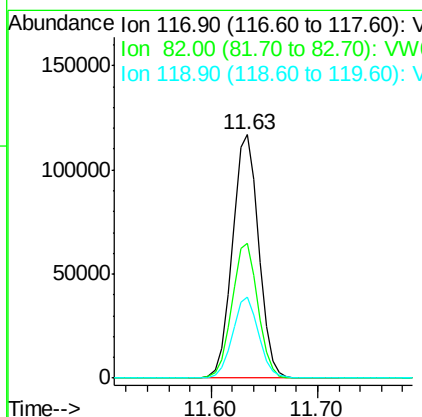
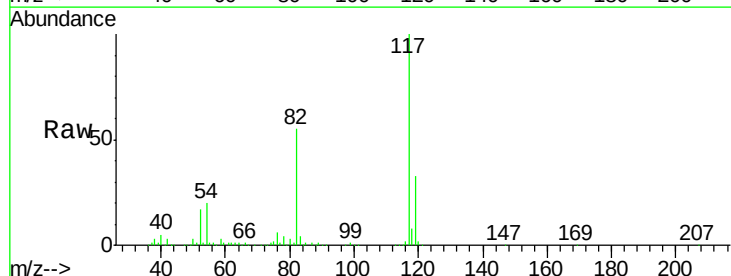
Instrument :
MSVOA_W
ClientSampleId :
COMP-2

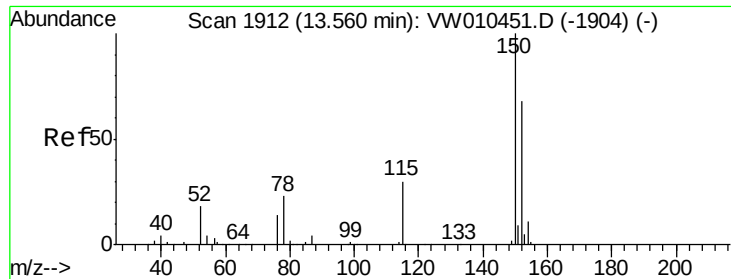
Tot Ion	Ratio	Lower	Upper
95	100		
174	67.8	0.0	148.6
176	66.2	0.0	144.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010508.D
Acq: 22 May 2019 14:14

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.4	42.8	64.2
119	33.0	26.3	39.5



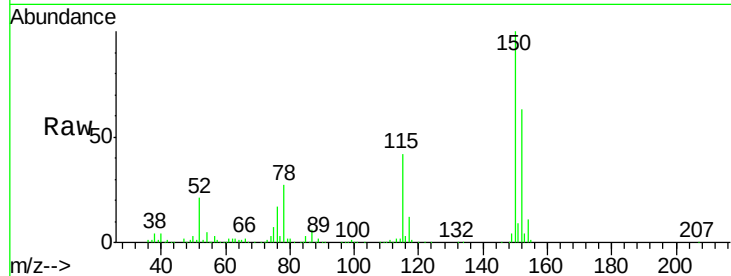


#72

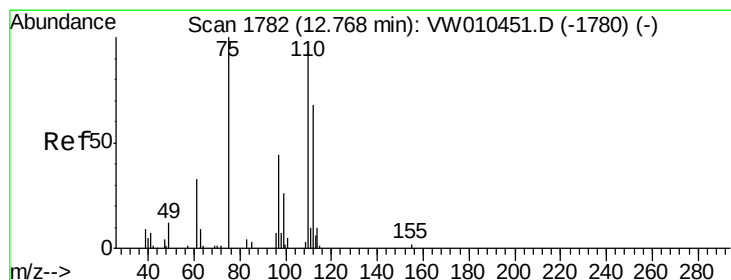
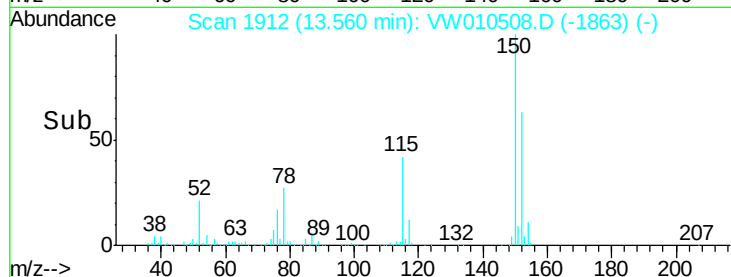
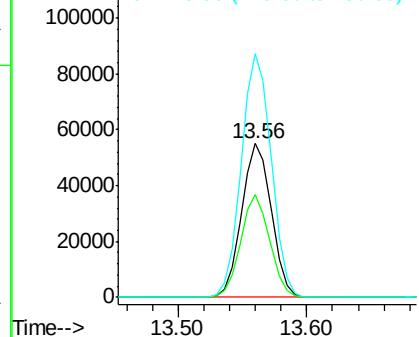
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010508.D
Acq: 22 May 2019 14:14

Instrument :
MSVOA_W
ClientSampleId :
COMP-2

Tot Ion:152 Resp: 87541
Ion Ratio Lower Upper
152 100
115 65.1 30.3 91.0
150 159.9 0.0 349.8



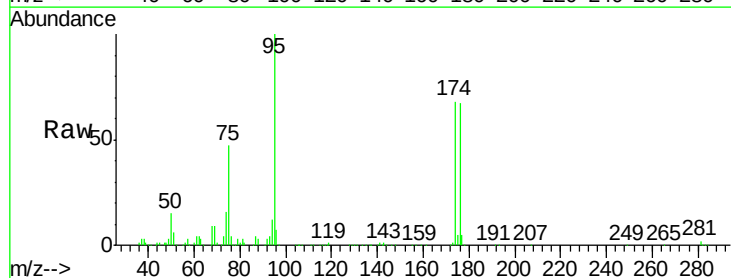
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



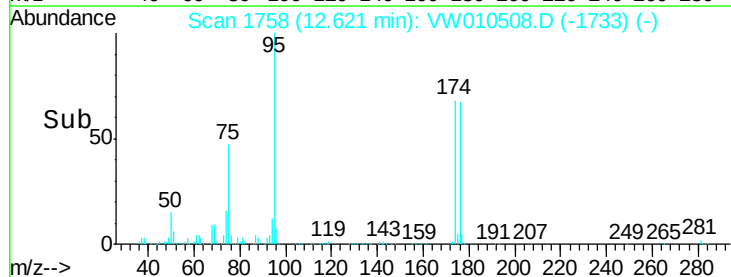
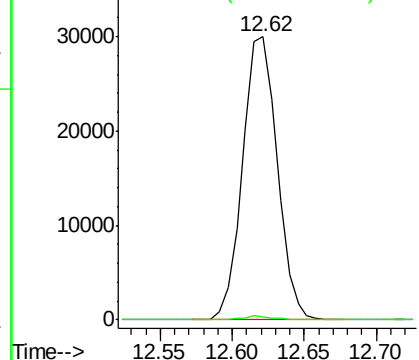
#76

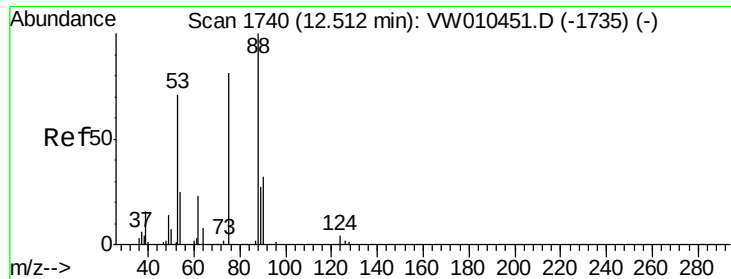
1,2,3-Trichloropropane
Concen: 56.336 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW010508.D
Acq: 22 May 2019 14:14

Tgt Ion: 75 Resp: 50060
Ion Ratio Lower Upper
75 100
77 1.1 170.0 510.1#



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: 117.575 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010508.D

Acq: 22 May 2019 14:14

Instrument :

MSVOA_W

ClientSampleId :

COMP-2

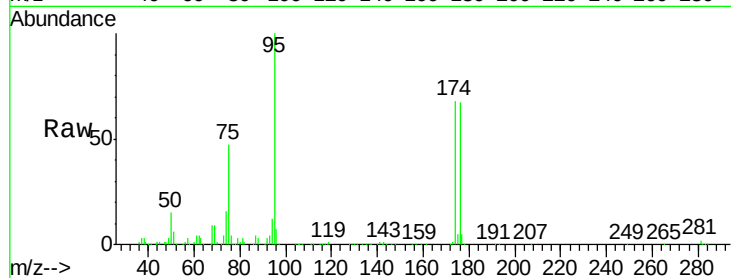
Tot Ion: 75 Resp: 50060

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.8#

89 0.1 39.5 59.3#



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

