

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007595.D
 Acq On : 15 Dec 2018 20:54
 Operator : SY/AP
 Sample : J6322-12RE
 Misc : 7.34G/5ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-2A-G-4-120718

Quant Time: Dec 15 21:56:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	75505	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	134715	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	110060	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	42671	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	49762	59.41	ug/l	0.00
Spiked Amount						
				Recovery	=	118.82%
35) Dibromofluoromethane	7.88	113	44987	55.17	ug/l	0.00
Spiked Amount						
				Recovery	=	110.34%
50) Toluene-d8	10.32	98	158214	51.74	ug/l	0.00
Spiked Amount						
				Recovery	=	103.48%
62) 4-Bromofluorobenzene	12.62	95	50574	44.99	ug/l	0.00
Spiked Amount						
				Recovery	=	89.98%

Target Compounds

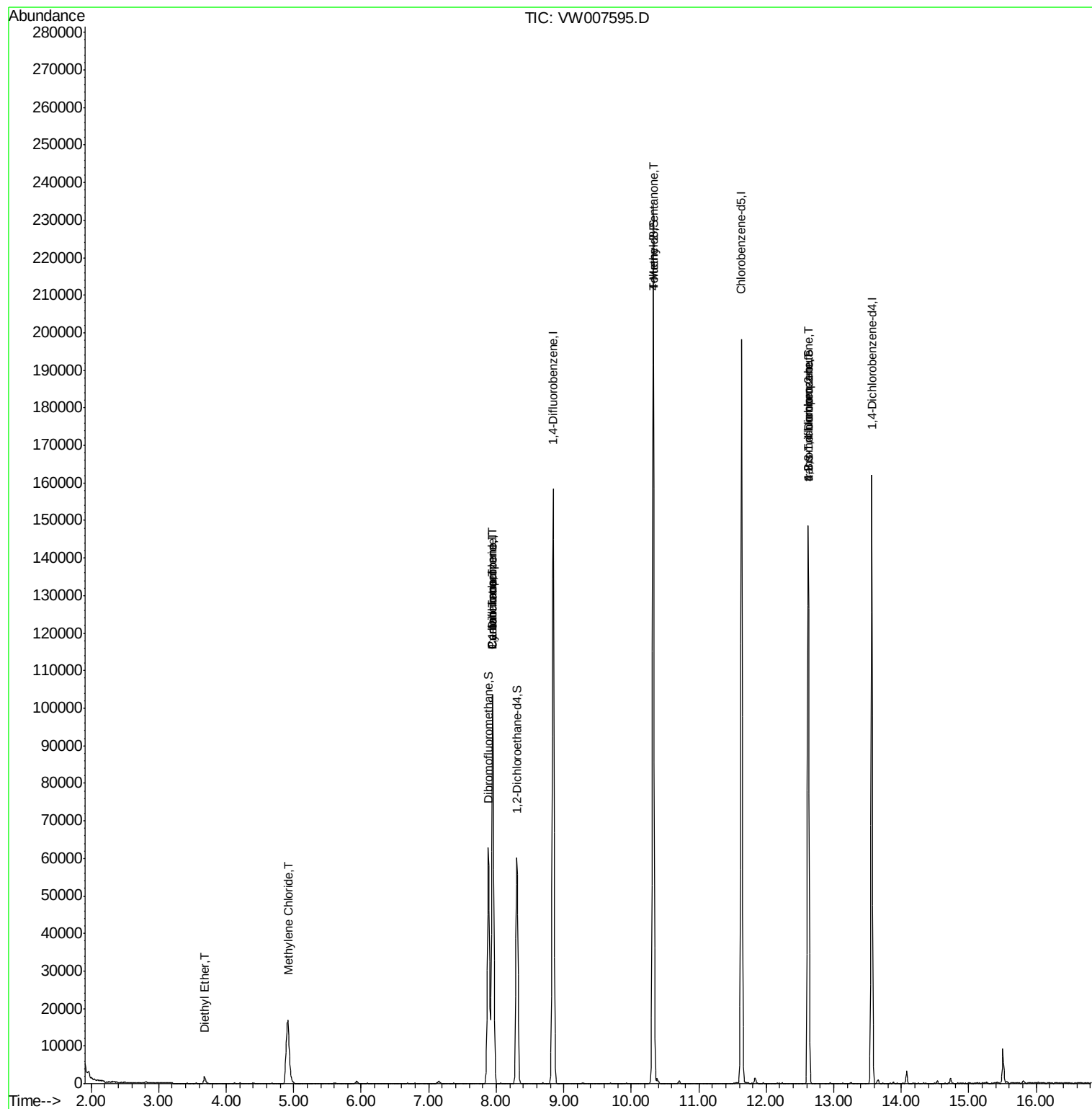
	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.69	74	882	2.417	ug/l	99
20) Methylene Chloride	4.92	84	14687	15.665	ug/l	91
31) Cyclohexane	7.95	56	1522	1.170	ug/l #	3
36) 1,1-Dichloropropene	7.95	75	5625	4.577	ug/l #	49
38) Carbon Tetrachloride	7.95	117	8157	6.100	ug/l #	16
51) 4-Methyl-2-Pentanone	10.32	43	720	1.688	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	25801	73.333	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	25801	161.993	ug/l #	7

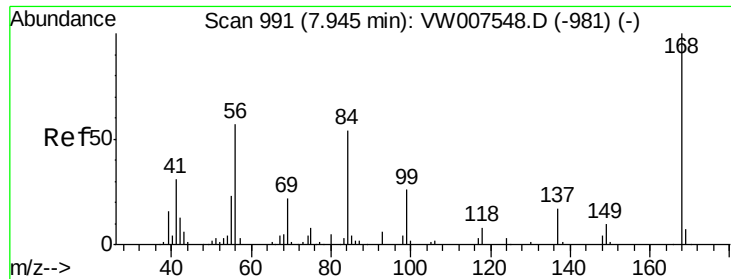
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VW007595.D

Acq: 15 Dec 2018 20:54

Instrument :

MSVOA_W

ClientSampleId :

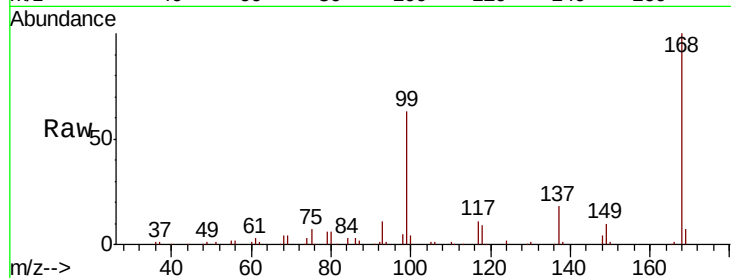
SUP-2A-G-4-120718

Tgt Ion: 168 Resp: 75505

Ion Ratio Lower Upper

168 100

99 62.6 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

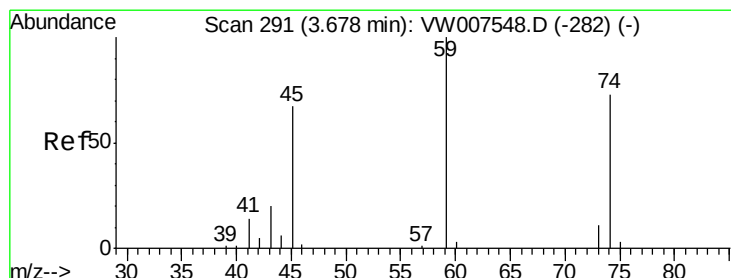
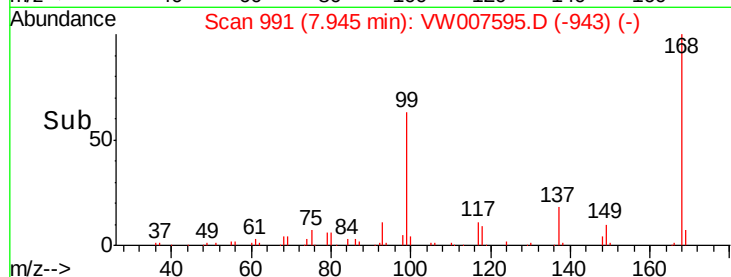
20000

10000

0

Time-->

7.85 7.90 7.95 8.00



#8

Diethyl Ether

Concen: 2.417 ug/l

RT: 3.69 min Scan# 293

Delta R.T. 0.01 min

Lab File: VW007595.D

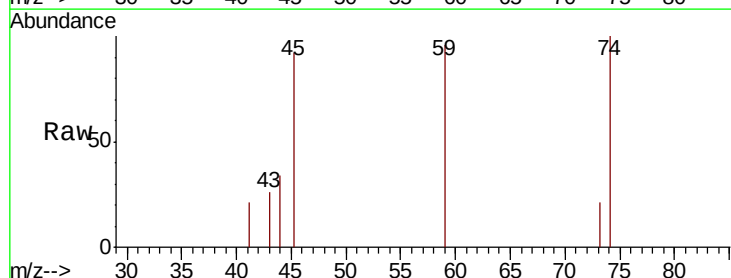
Acq: 15 Dec 2018 20:54

Tgt Ion: 74 Resp: 882

Ion Ratio Lower Upper

74 100

45 84.7 43.0 129.0



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.69

400

300

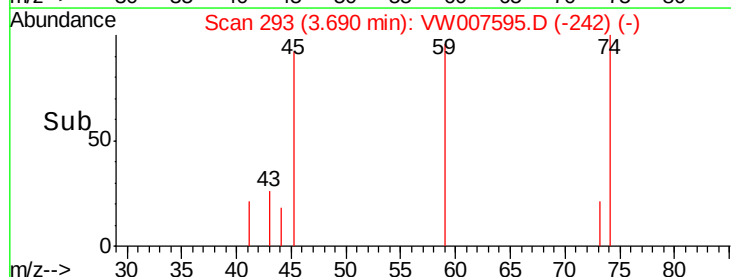
200

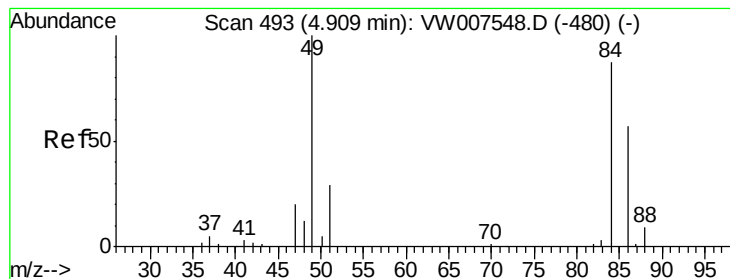
100

0

Time-->

3.65 3.70





#20

Methylene Chloride

Concen: 15.665 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW007595.D

Acq: 15 Dec 2018 20:54

Instrument :

MSVOA_W

ClientSampleId :

SUP-2A-G-4-120718

Tgt Ion: 84 Resp: 14687

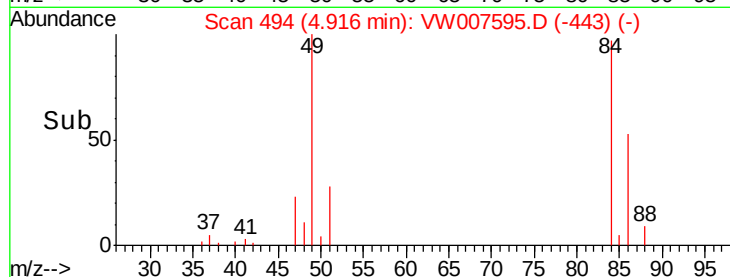
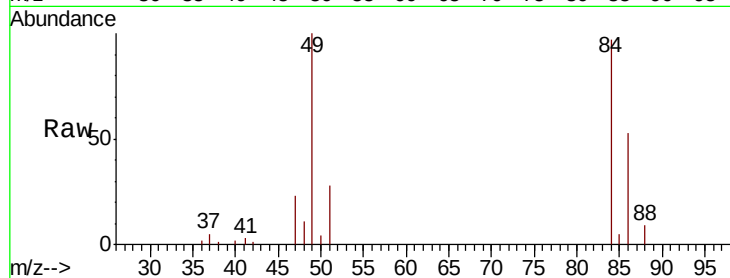
Ion Ratio Lower Upper

84 100

49 102.7 87.1 130.7

51 28.8 28.2 42.2

86 54.5 50.8 76.2

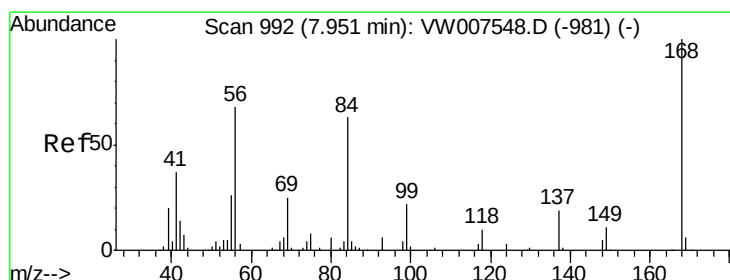
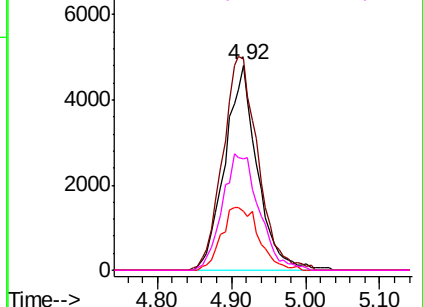


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 1.170 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007595.D

Acq: 15 Dec 2018 20:54

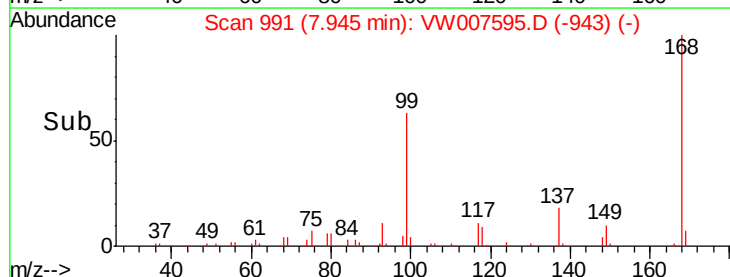
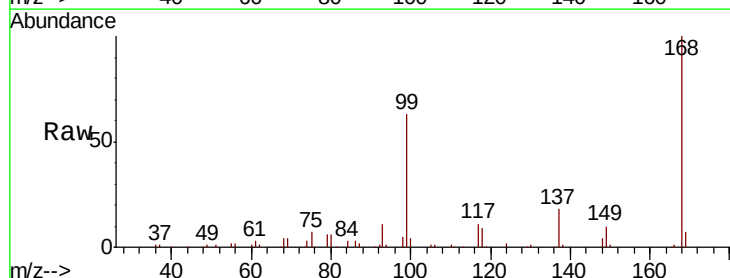
Tgt Ion: 56 Resp: 1522

Ion Ratio Lower Upper

56 100

69 178.7 28.9 43.3#

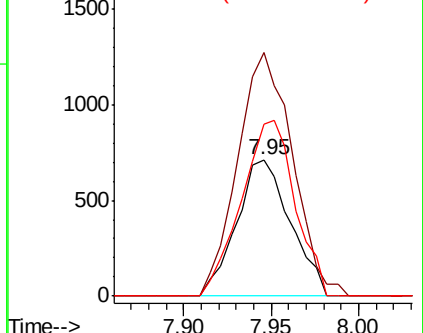
84 126.0 71.8 107.6#

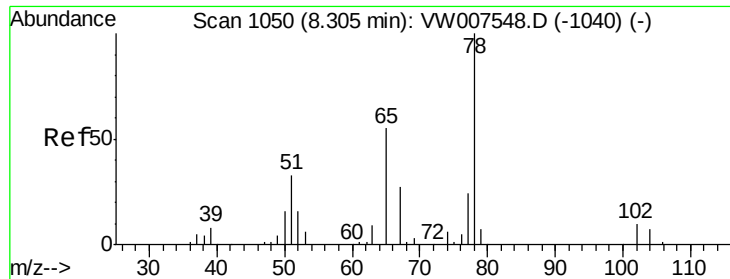


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

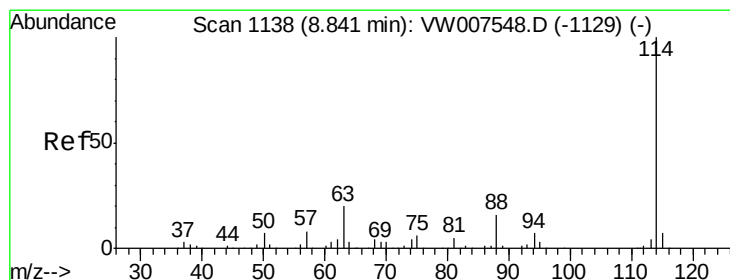
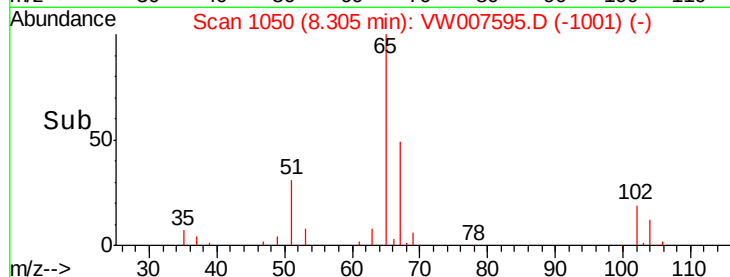
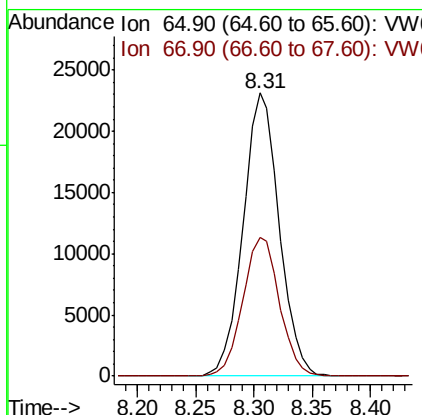
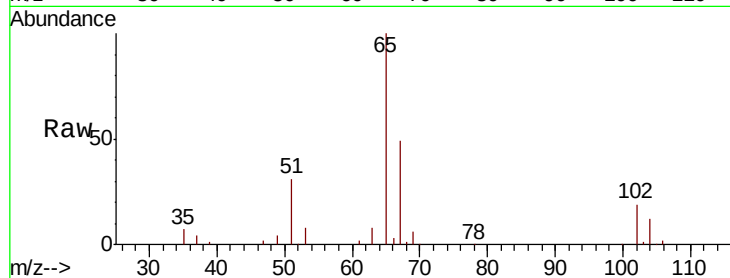




#33
 1,2-Dichloroethane-d4
 Concen: 59.405 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW007595.D
 Acq: 15 Dec 2018 20:54

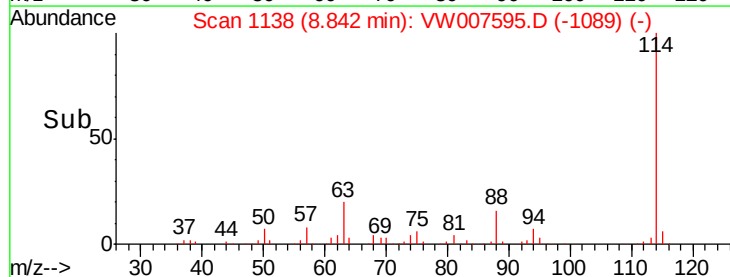
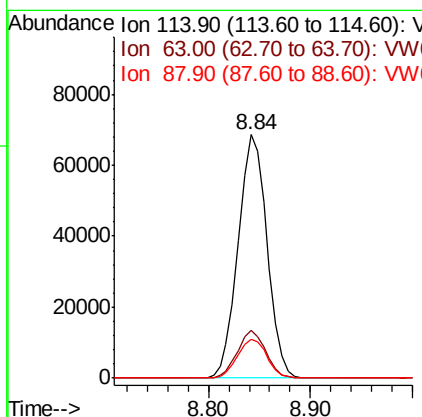
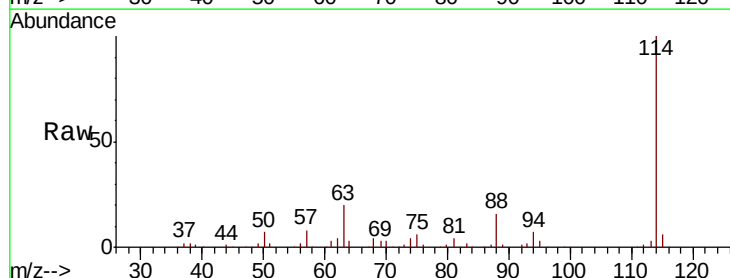
Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-2A-G-4-120718

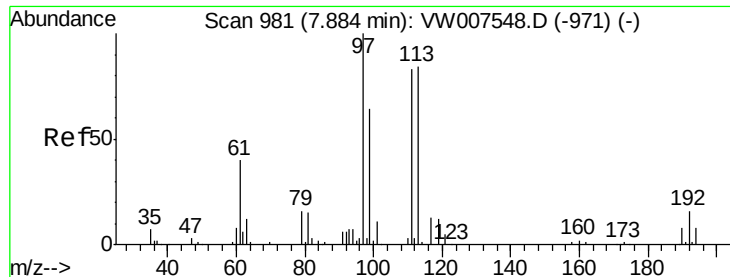
Tgt Ion: 65 Resp: 49762
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007595.D
 Acq: 15 Dec 2018 20:54

Tgt Ion: 114 Resp: 134715
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.6
 88 15.9 0.0 31.4





#35

Dibromofluoromethane

Concen: 55.166 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW007595.D

Acq: 15 Dec 2018 20:54

Instrument :

MSVOA_W

ClientSampleId :

SUP-2A-G-4-120718

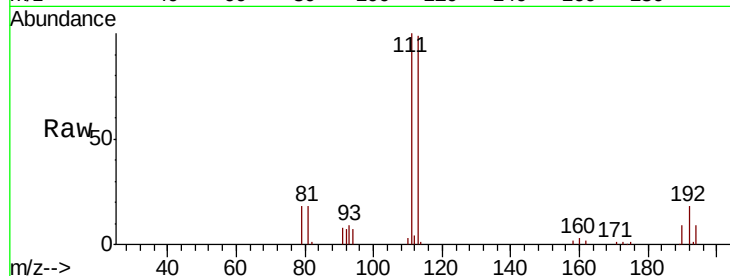
Tgt Ion: 113 Resp: 44987

Ion Ratio Lower Upper

113 100

111 102.1 81.1 121.7

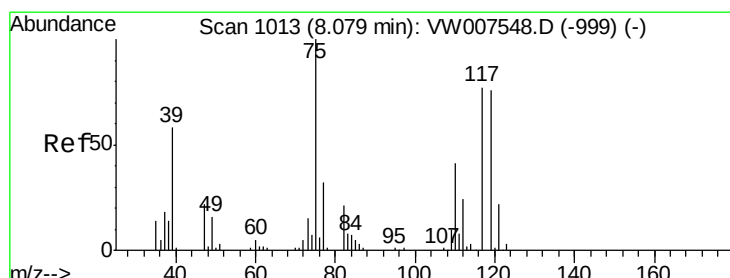
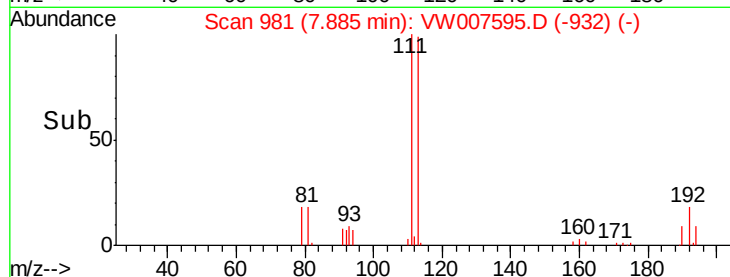
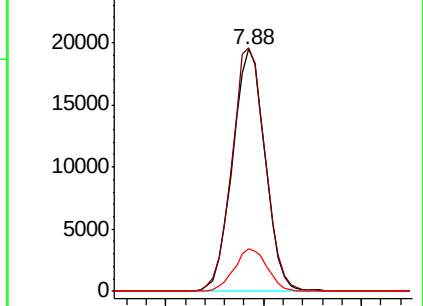
192 17.9 14.6 21.8



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: 4.577 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW007595.D

Acq: 15 Dec 2018 20:54

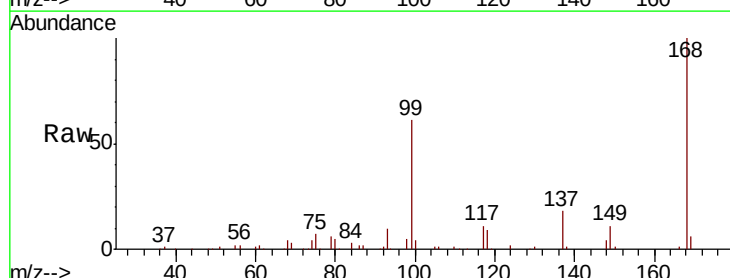
Tgt Ion: 75 Resp: 5625

Ion Ratio Lower Upper

75 100

110 10.2 18.5 55.5#

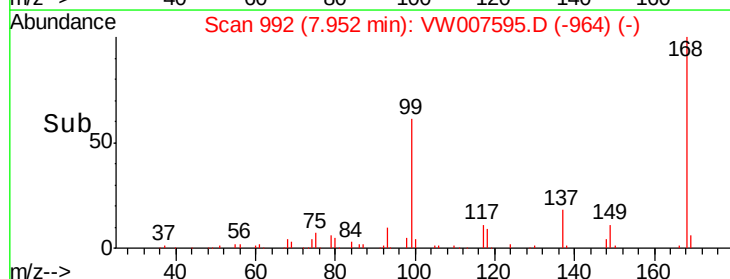
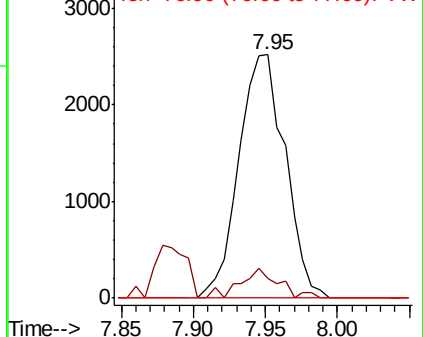
77 0.0 25.6 38.4#

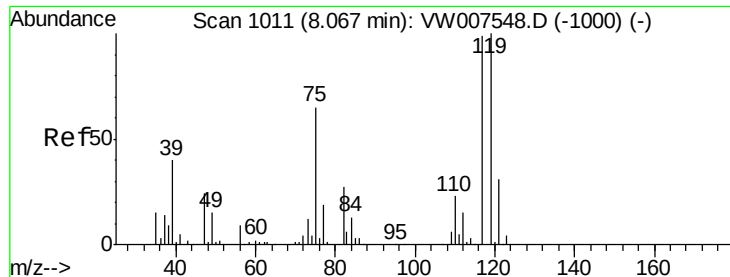


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

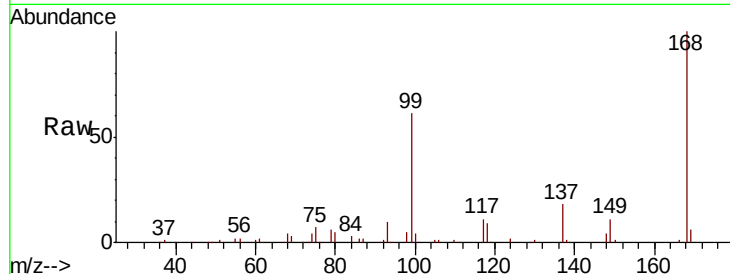




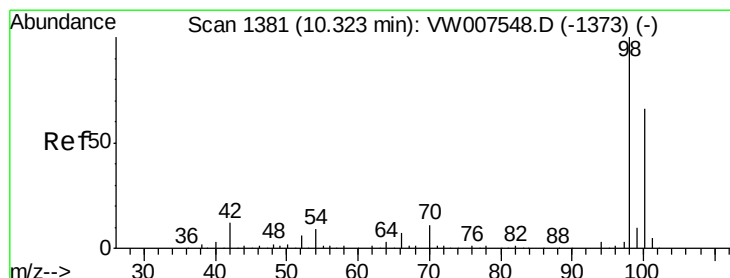
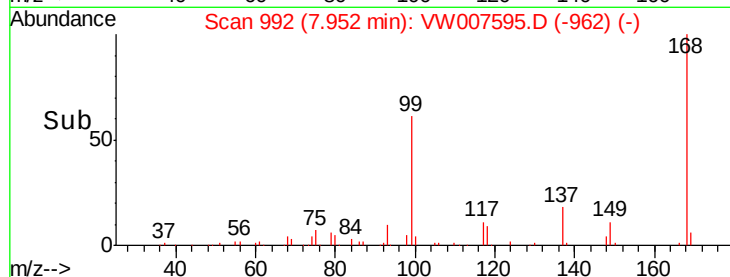
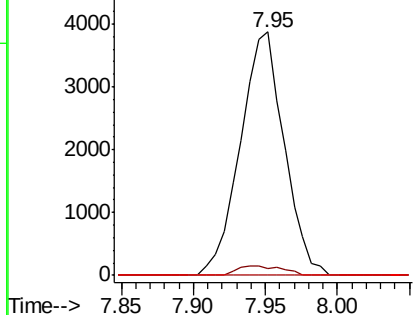
#38
Carbon Tetrachloride
Concen: 6.100 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW007595.D
Acq: 15 Dec 2018 20:54

Instrument :
MSVOA_W
ClientSampleId :
SUP-2A-G-4-120718

Tgt Ion:117 Resp: 8157
Ion Ratio Lower Upper
117 100
119 3.0 74.3 111.5#
121 0.0 24.3 36.5#

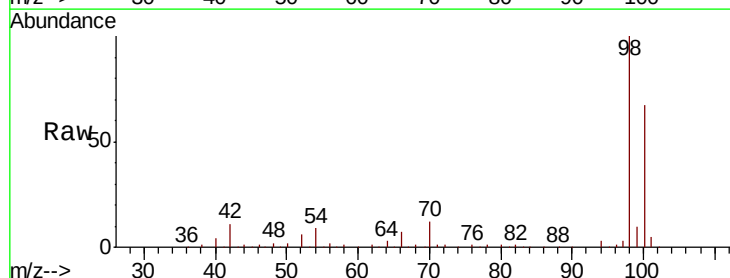


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

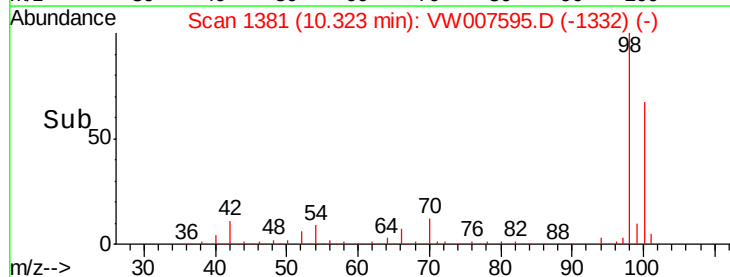
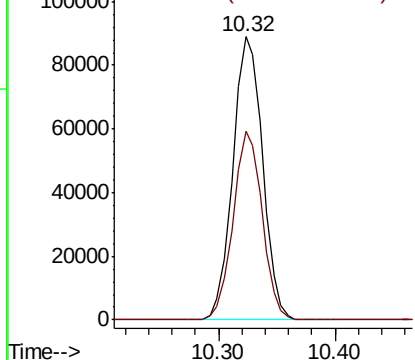


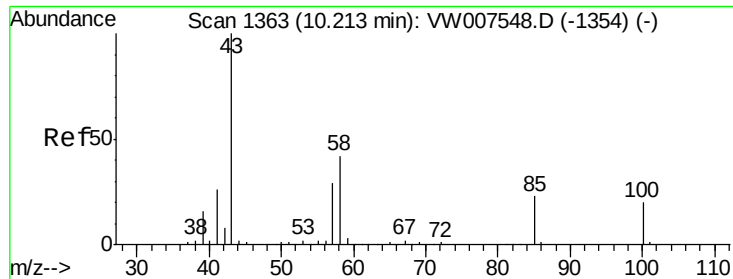
#50
Toluene-d8
Concen: 51.744 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW007595.D
Acq: 15 Dec 2018 20:54

Tgt Ion: 98 Resp: 158214
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.8



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

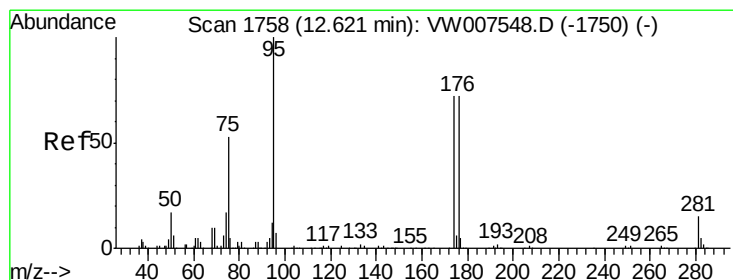
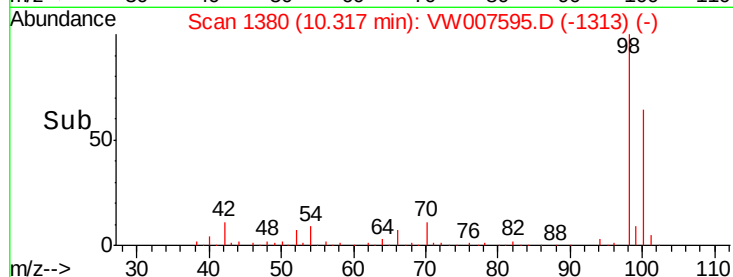
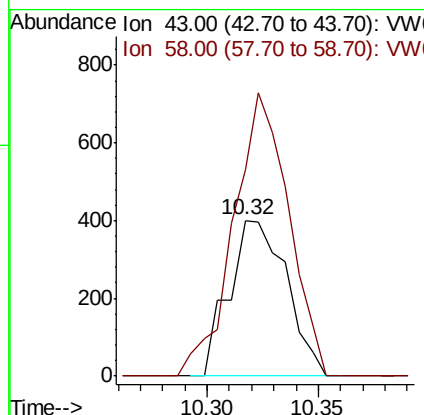
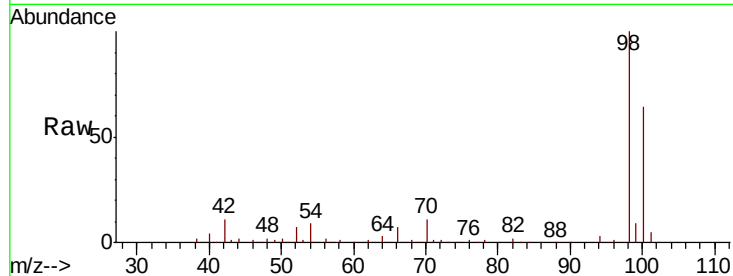




#51
 4-Methyl-2-Pentanone
 Concen: 1.688 ug/l
 RT: 10.32 min Scan# 1380
 Delta R.T. 0.11 min
 Lab File: VW007595.D
 Acq: 15 Dec 2018 20:54

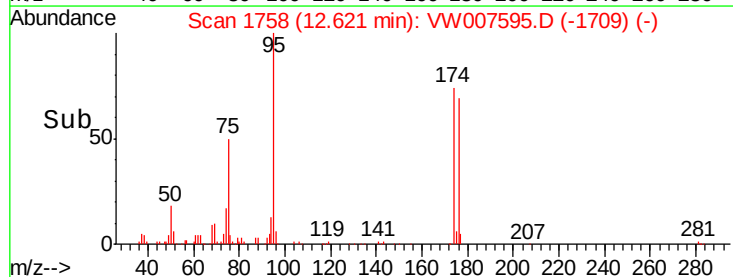
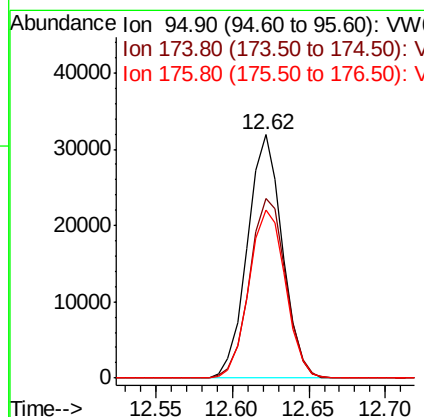
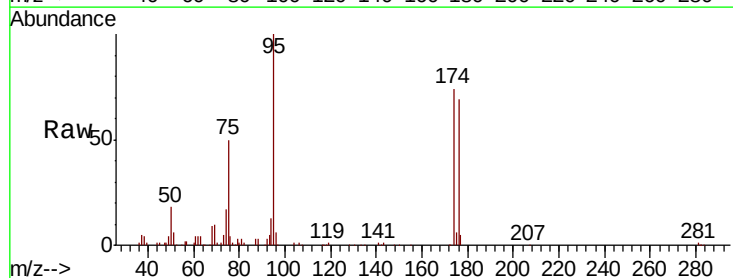
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 MSVOA_W
 ClientSampleId :
 SUP-2A-G-4-120718

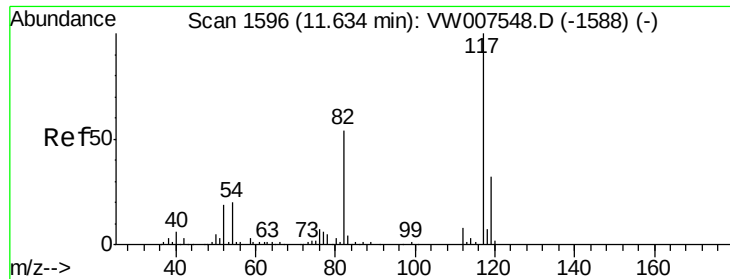
Tgt Ion: 43 Resp: 720
 Ion Ratio Lower Upper
 43 100
 58 174.3 33.1 49.7#



#62
 4-Bromofluorobenzene
 Concen: 44.986 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW007595.D
 Acq: 15 Dec 2018 20:54

Tgt Ion: 95 Resp: 50574
 Ion Ratio Lower Upper
 95 100
 174 76.8 0.0 147.2
 176 72.4 0.0 138.8

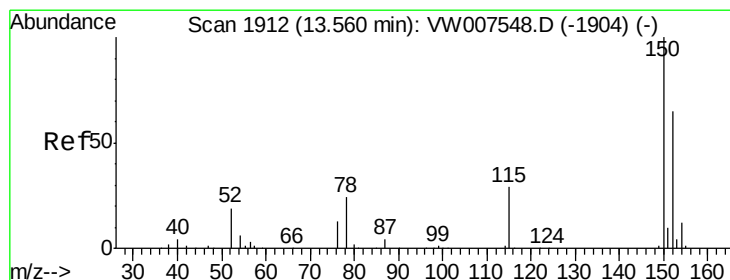
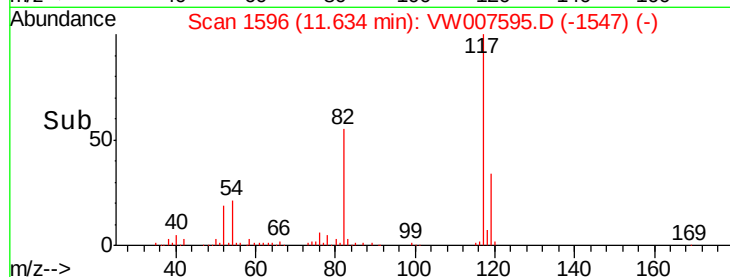
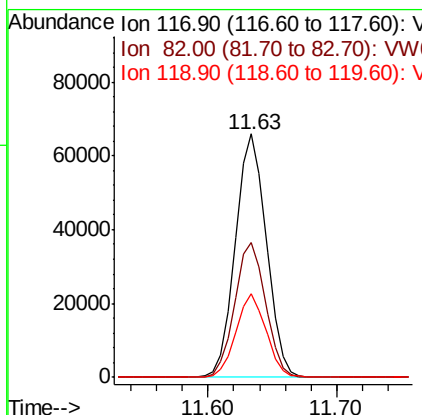
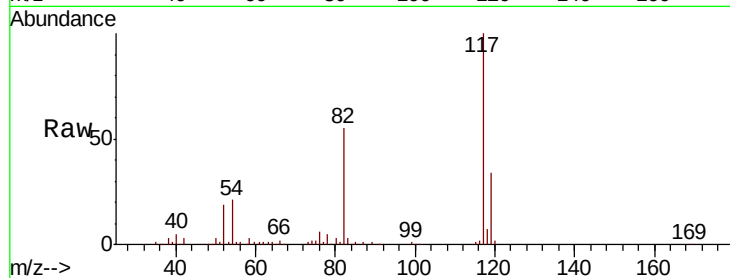




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007595.D
Acq: 15 Dec 2018 20:54

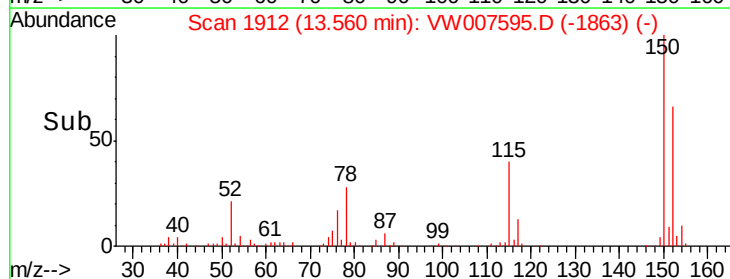
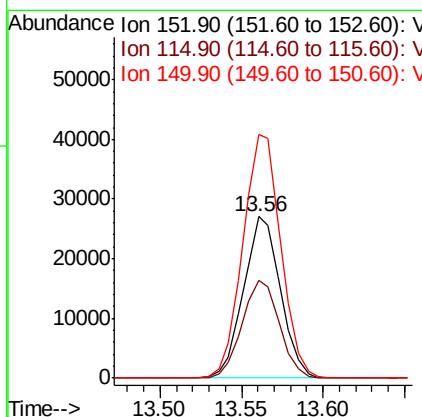
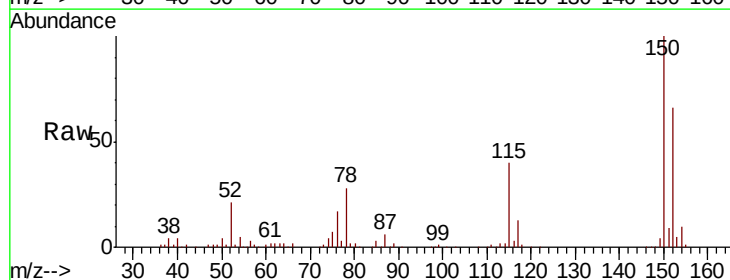
Instrument :
MSVOA_W
ClientSampleId :
SUP-2A-G-4-120718

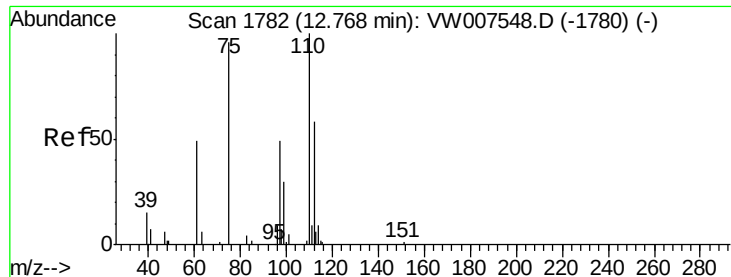
Tgt Ion:117 Resp: 110060
Ion Ratio Lower Upper
117 100
82 55.3 42.3 63.5
119 34.2 23.0 34.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007595.D
Acq: 15 Dec 2018 20:54

Tgt Ion:152 Resp: 42671
Ion Ratio Lower Upper
152 100
115 61.0 31.4 94.2
150 154.3 0.0 358.4





#76

1,2,3-Trichloropropane

Concen: 73.333 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007595.D

Acq: 15 Dec 2018 20:54

Instrument :

MSVOA_W

ClientSampleId :

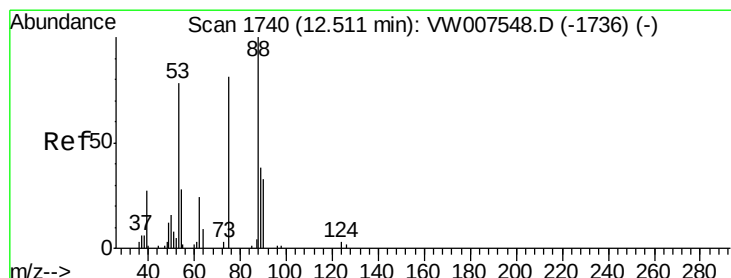
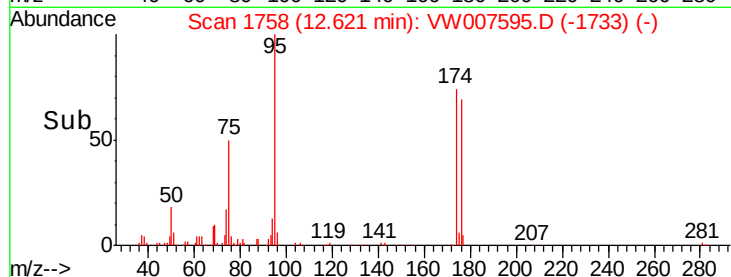
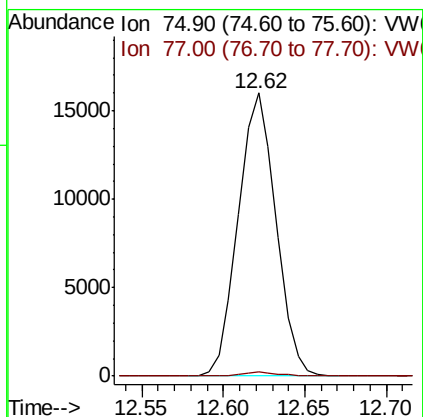
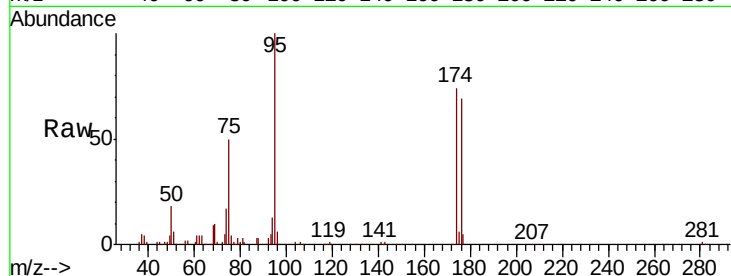
SUP-2A-G-4-120718

Tgt Ion: 75 Resp: 25801

Ion Ratio Lower Upper

75 100

77 1.2 166.9 500.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 161.993 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007595.D

Acq: 15 Dec 2018 20:54

Tgt Ion: 75 Resp: 25801

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.1 40.3 60.5#

