

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007596.D
 Acq On : 15 Dec 2018 21:20
 Operator : SY/AP
 Sample : J6322-13RE
 Misc : 8.67G/5ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-2A-G-5-120718RE

Quant Time: Dec 15 21:57:02 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

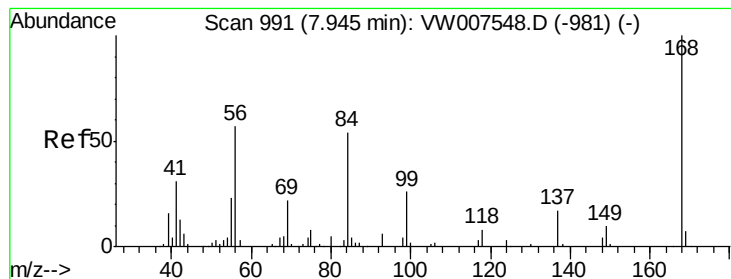
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	69508	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	85564	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	30955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	45050	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	49119	63.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	127.40%	
35) Dibromofluoromethane	7.88	113	43172	83.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	166.70%	
50) Toluene-d8	10.33	98	9979	5.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.28%	
62) 4-Bromofluorobenzene	12.62	95	49066	68.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	137.44%	

Target Compounds						Qvalue
8) Diethyl Ether	3.69	74	785	2.337	ug/l	96
16) Acetone	4.12	43	1029	7.640	ug/l	90
20) Methylene Chloride	4.91	84	13816	16.101	ug/l	95
31) Cyclohexane	7.95	56	1500	1.252	ug/l #	22
36) 1,1-Dichloropropene	7.95	75	5330	6.829	ug/l #	50
38) Carbon Tetrachloride	7.95	117	7546	8.885	ug/l #	16
71) Bromoform	12.62	173	167	1.436	ug/l #	29
76) 1,2,3-Trichloropropane	12.62	75	25795	69.444	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	25795	153.402	ug/l #	7

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

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ALS Vial : 2 Sample Multiplier: 1



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007596.D

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MSVOA_W

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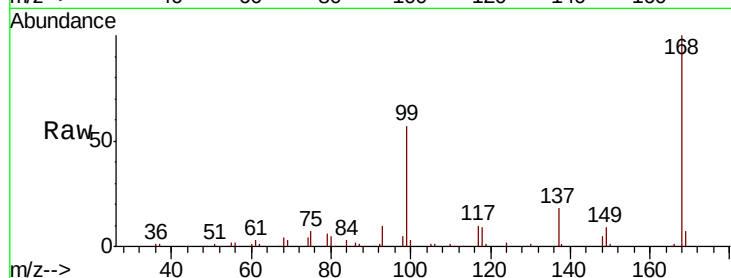
SUP-2A-G-5-120718RE

Tgt Ion: 168 Resp: 69508

Ion Ratio Lower Upper

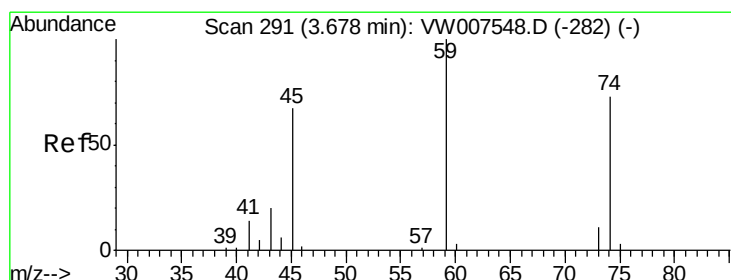
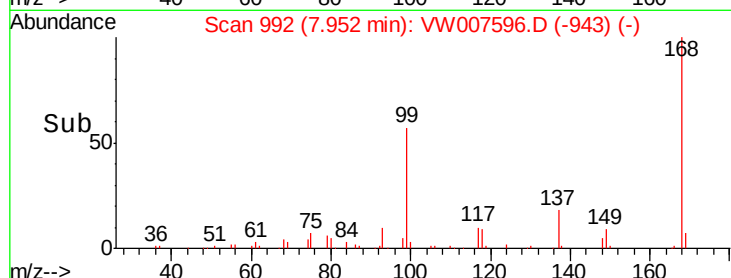
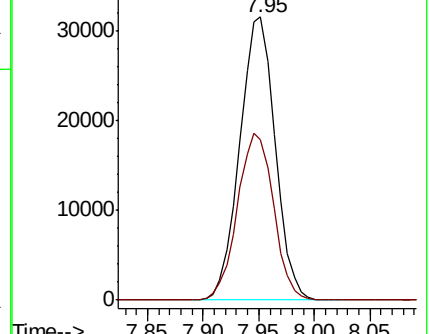
168 100

99 56.9 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 2.337 ug/l

RT: 3.69 min Scan# 293

Delta R.T. 0.01 min

Lab File: VW007596.D

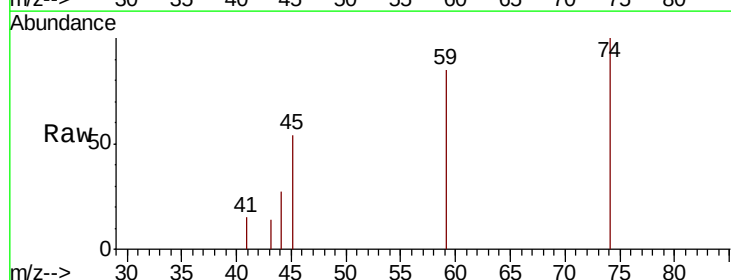
Acq: 15 Dec 2018 21:20

Tgt Ion: 74 Resp: 785

Ion Ratio Lower Upper

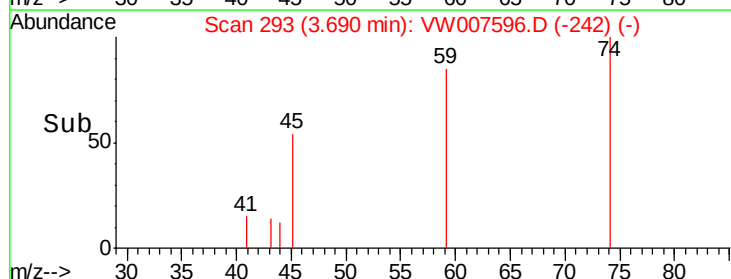
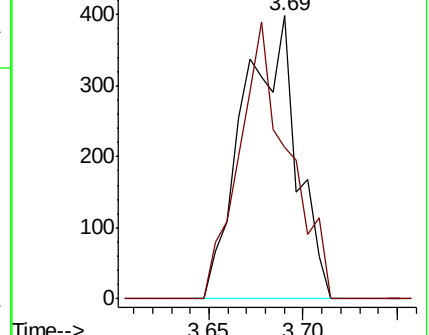
74 100

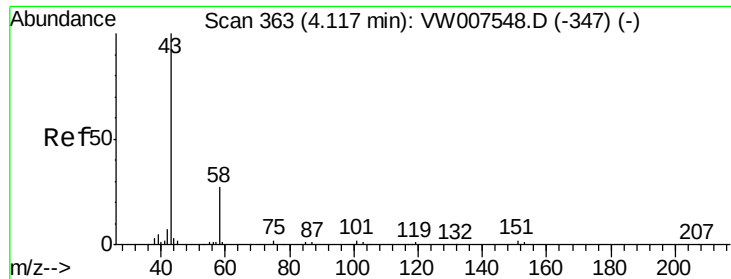
45 89.7 43.0 129.0



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 7.640 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007596.D

Acq: 15 Dec 2018 21:20

Instrument :

MSVOA_W

ClientSampleId :

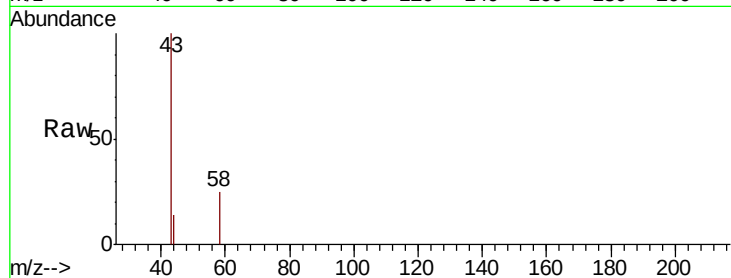
SUP-2A-G-5-120718RE

Tgt Ion: 43 Resp: 1029

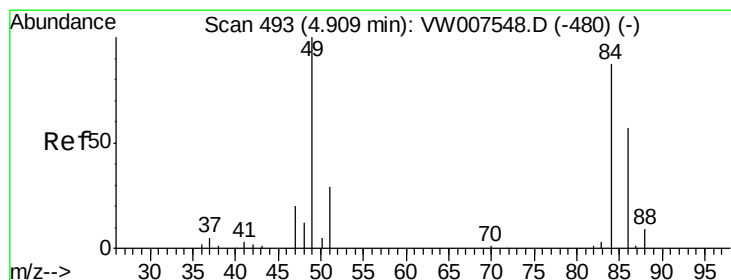
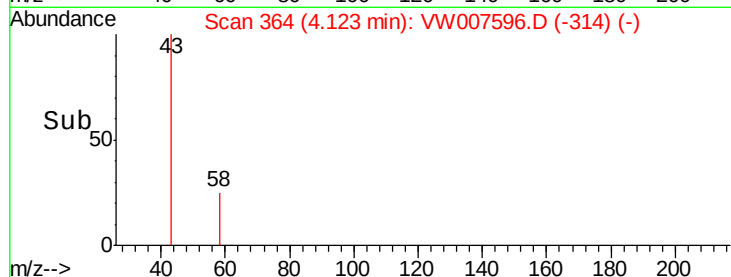
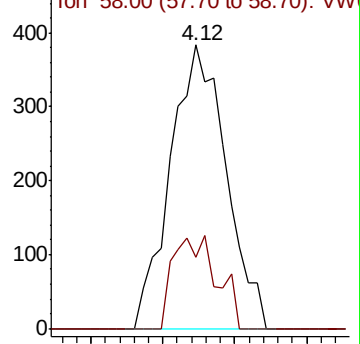
Ion Ratio Lower Upper

43 100

58 25.3 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW



#20

Methylene Chloride

Concen: 16.101 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.01 min

Lab File: VW007596.D

Acq: 15 Dec 2018 21:20

Tgt Ion: 84 Resp: 13816

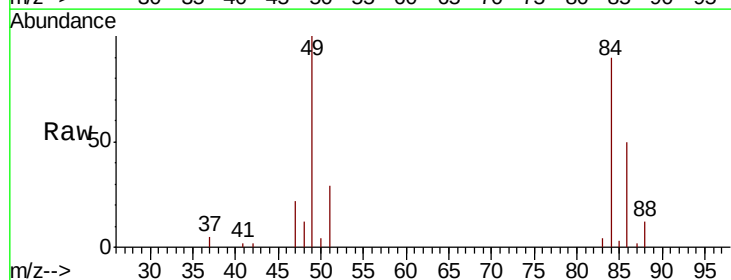
Ion Ratio Lower Upper

84 100

49 111.2 87.1 130.7

51 32.6 28.2 42.2

86 55.5 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

Ion 85.90 (85.60 to 86.60): VW

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Ion 85.90 (85.60 to 86.60): VW

Ion 85.90 (85.60 to 86.60): VW

Ion 85.90 (85.60 to 86.60): VW

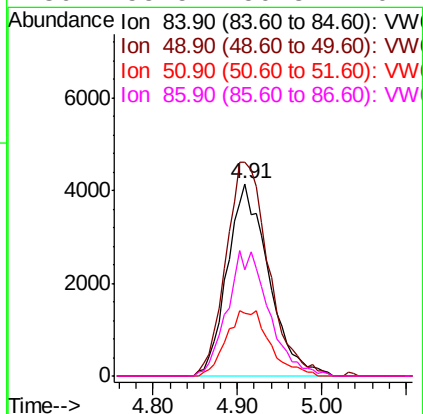
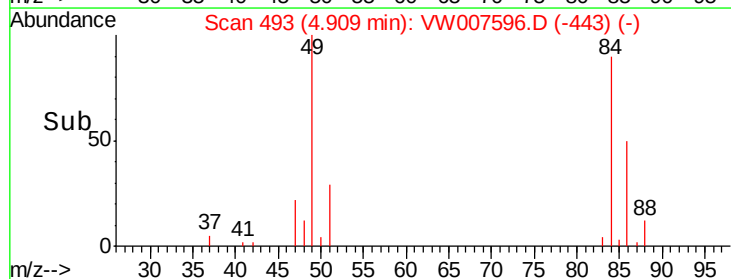
Ion 85.90 (85.60 to 86.60): VW

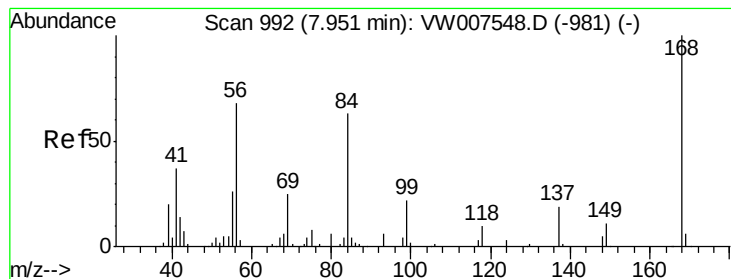
Ion 85.90 (85.60 to 86.60): VW

Ion 85.90 (85.60 to 86.60): VW

Ion 85.90 (85.60 to 86.60): VW

Ion 85.90 (85.60 to 86.60): VW





#31

Cyclohexane

Concen: 1.252 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

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SUP-2A-G-5-120718RE

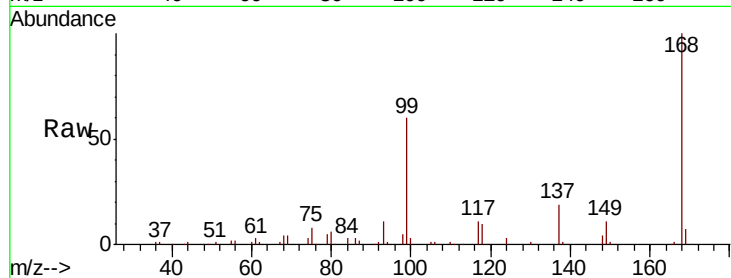
Tgt Ion: 56 Resp: 1500

Ion Ratio Lower Upper

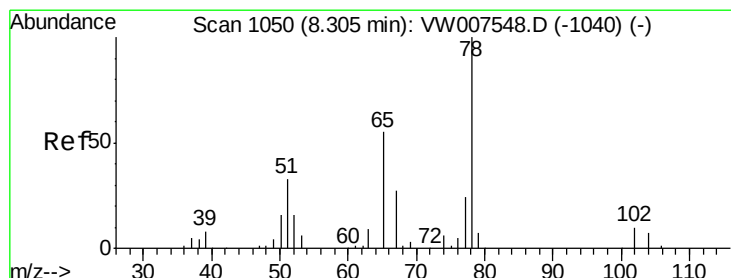
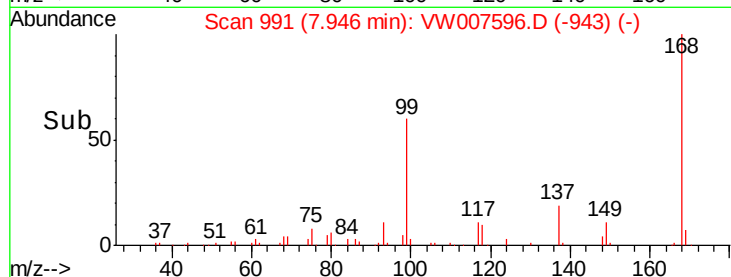
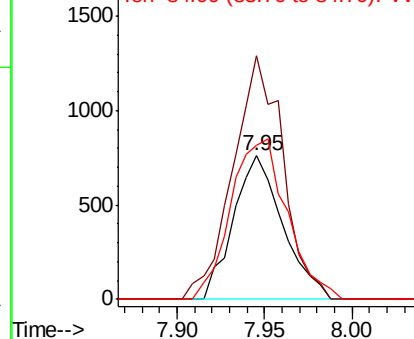
56 100

69 169.7 28.9 43.3#

84 107.1 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: 63.697 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW007596.D

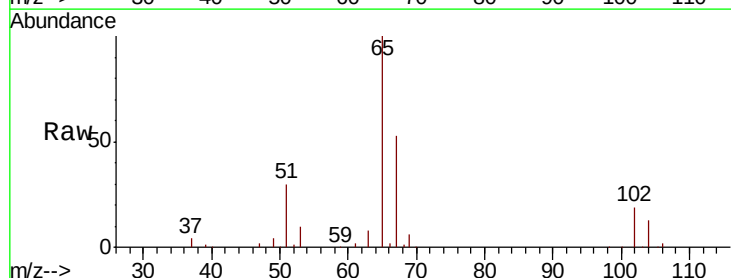
Acq: 15 Dec 2018 21:20

Tgt Ion: 65 Resp: 49119

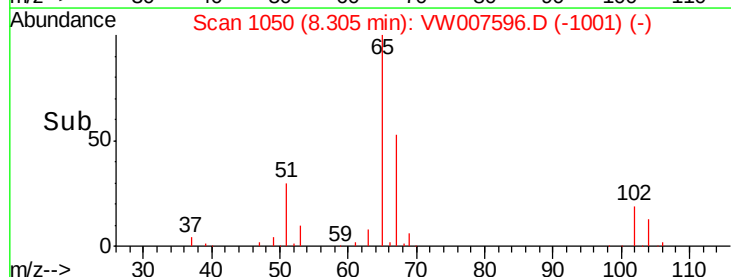
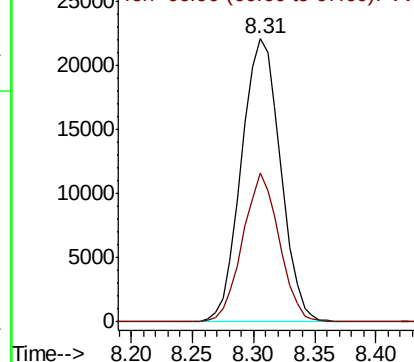
Ion Ratio Lower Upper

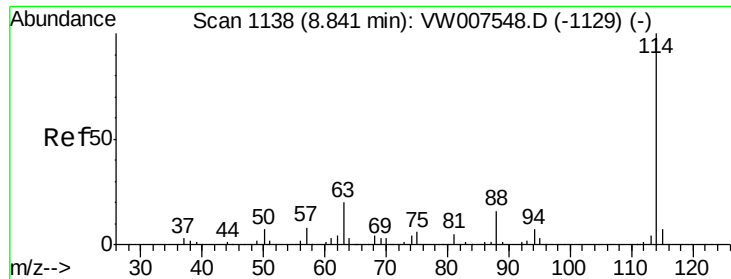
65 100

67 49.3 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

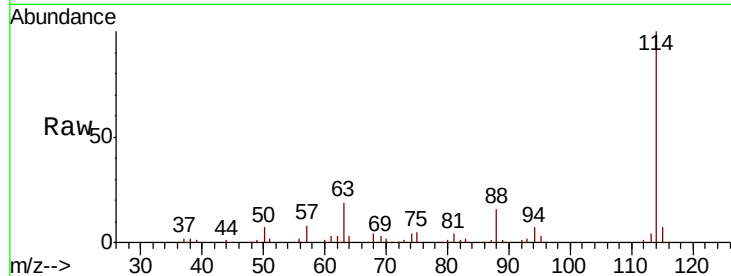




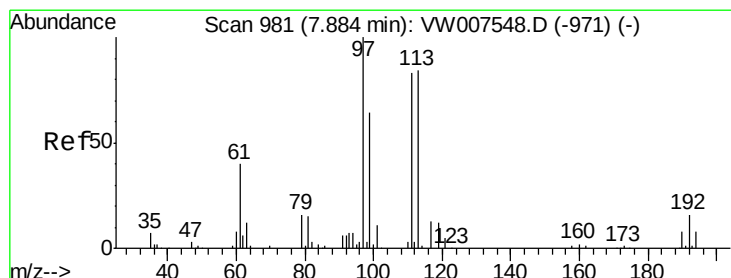
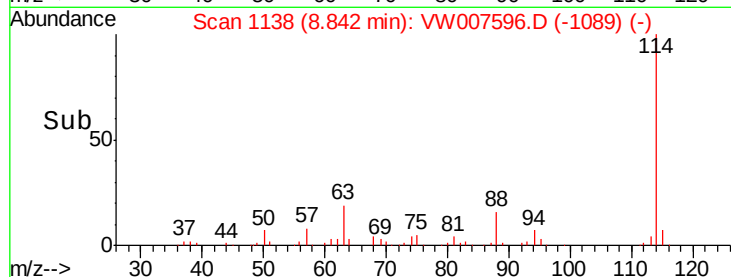
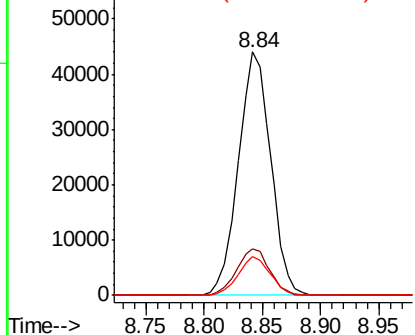
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007596.D
 Acq: 15 Dec 2018 21:20

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-2A-G-5-120718RE

Tgt Ion:114 Resp: 85564
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.6
 88 16.2 0.0 31.4

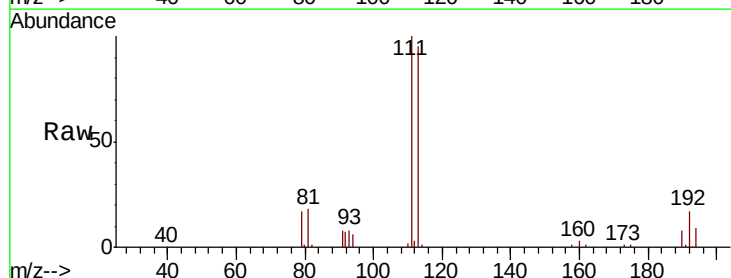


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

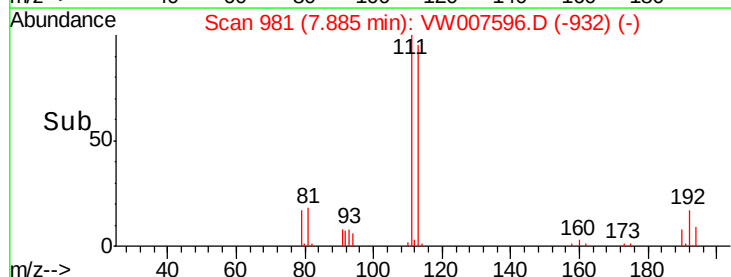
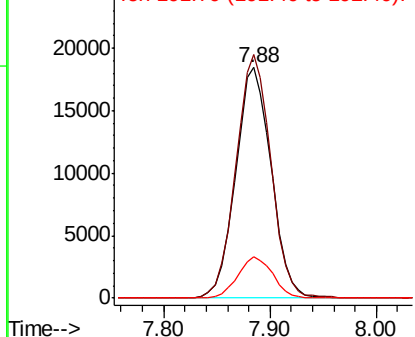


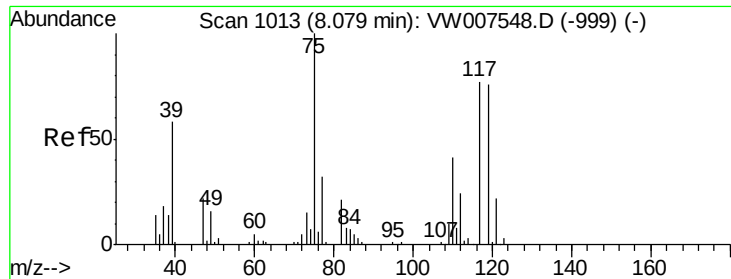
#35
 Dibromofluoromethane
 Concen: 83.351 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007596.D
 Acq: 15 Dec 2018 21:20

Tgt Ion:113 Resp: 43172
 Ion Ratio Lower Upper
 113 100
 111 104.0 81.1 121.7
 192 17.7 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

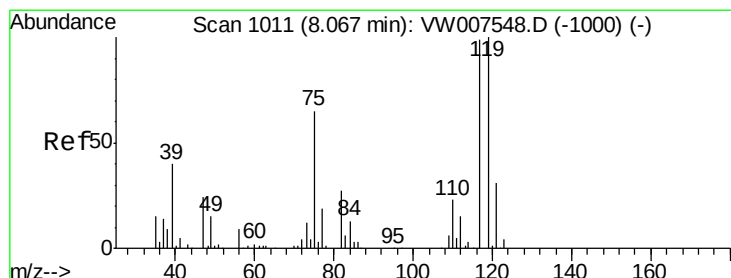
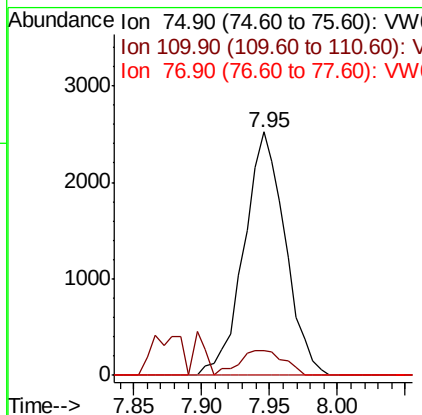
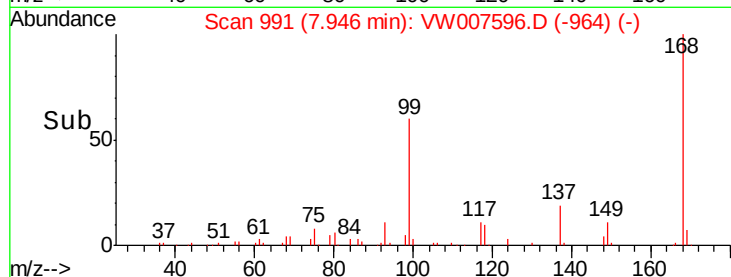
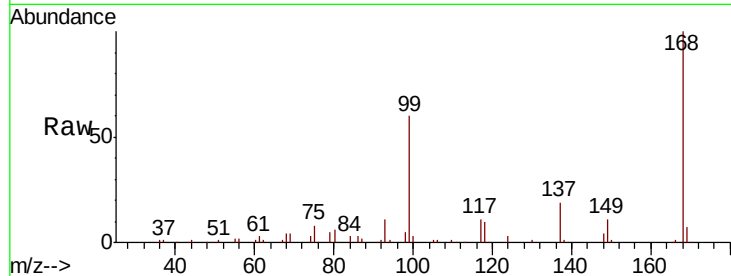




#36
 1,1-Dichloropropene
 Concen: 6.829 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007596.D
 Acq: 15 Dec 2018 21:20

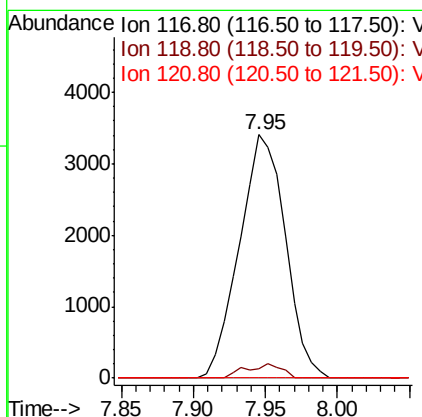
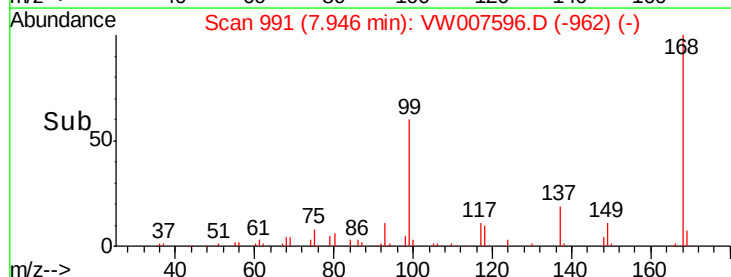
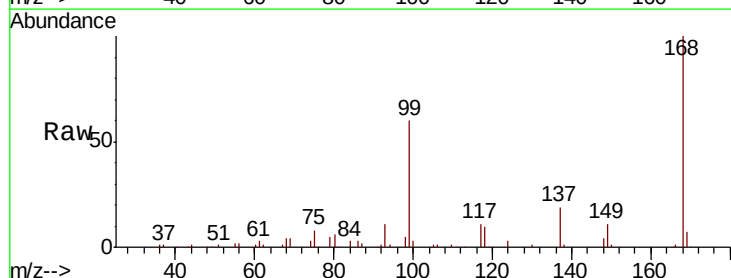
Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-2A-G-5-120718RE

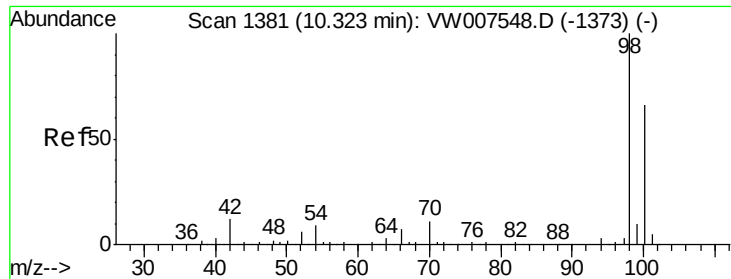
Tgt Ion: 75 Resp: 5330
 Ion Ratio Lower Upper
 75 100
 110 10.8 18.5 55.5#
 77 0.0 25.6 38.4#



#38
 Carbon Tetrachloride
 Concen: 8.885 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW007596.D
 Acq: 15 Dec 2018 21:20

Tgt Ion: 117 Resp: 7546
 Ion Ratio Lower Upper
 117 100
 119 3.7 74.3 111.5#
 121 0.0 24.3 36.5#





#50

Toluene-d8

Concen: 5.138 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW007596.D

Acq: 15 Dec 2018 21:20

Instrument :

MSVOA_W

ClientSampleId :

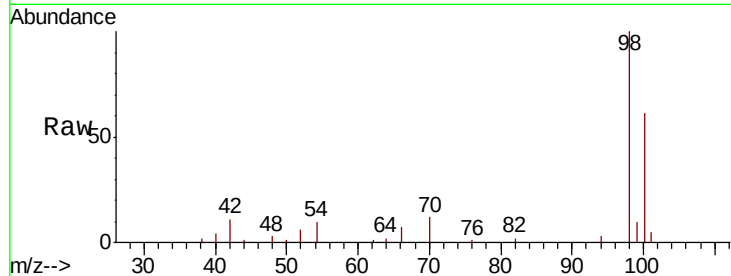
SUP-2A-G-5-120718RE

Tgt Ion: 98 Resp: 9979

Ion Ratio Lower Upper

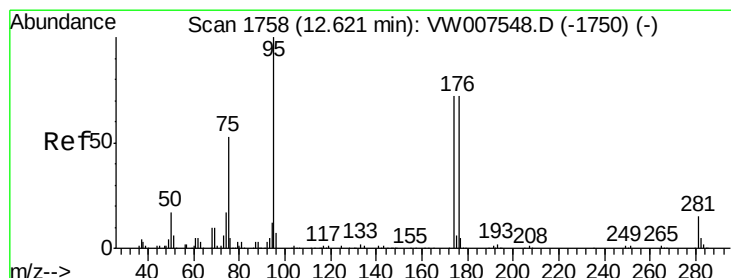
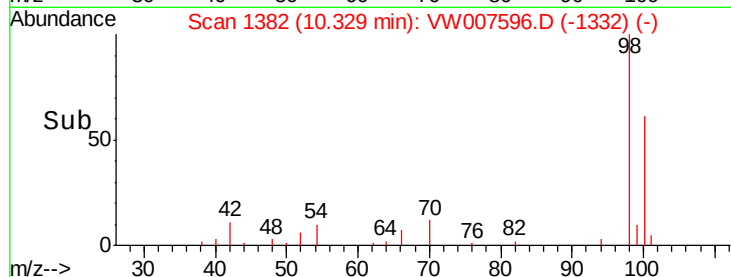
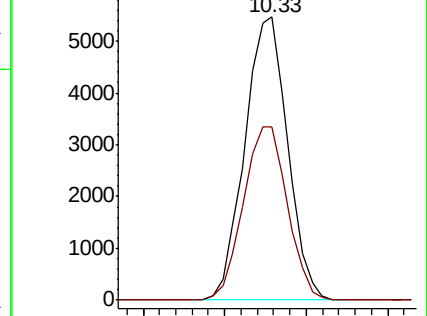
98 100

100 62.9 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 68.716 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007596.D

Acq: 15 Dec 2018 21:20

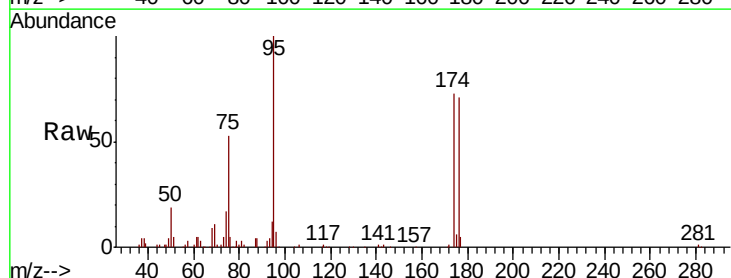
Tgt Ion: 95 Resp: 49066

Ion Ratio Lower Upper

95 100

174 75.5 0.0 147.2

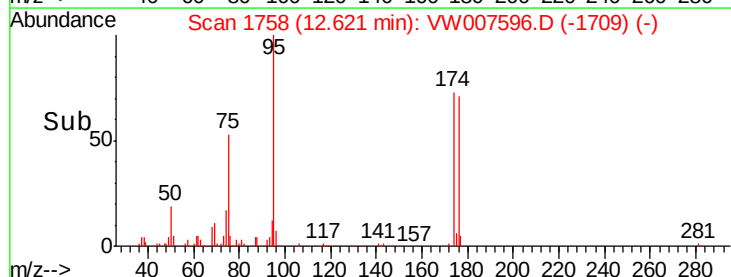
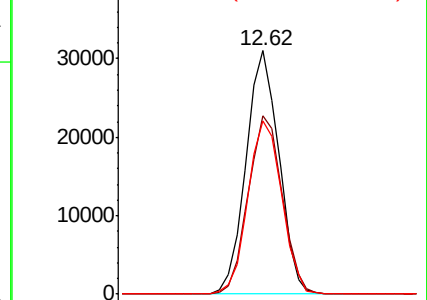
176 73.0 0.0 138.8

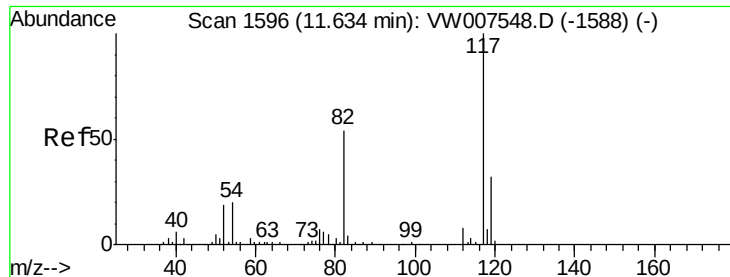


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

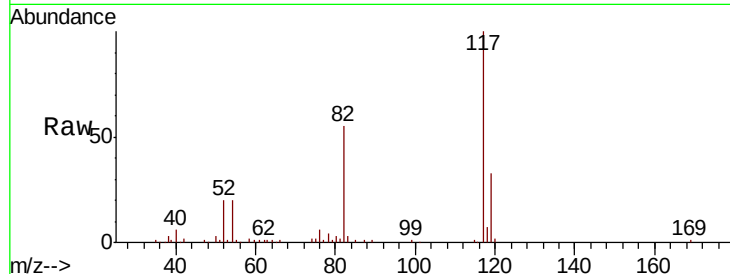




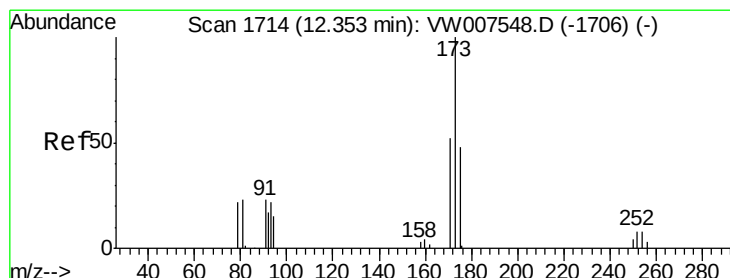
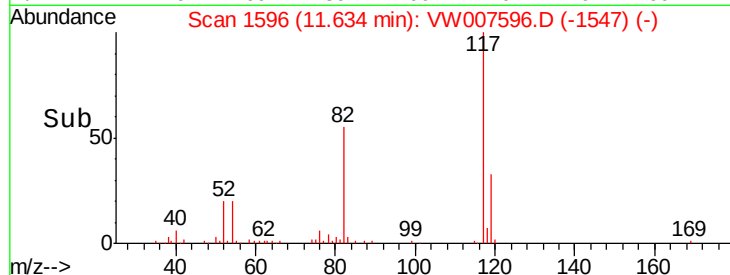
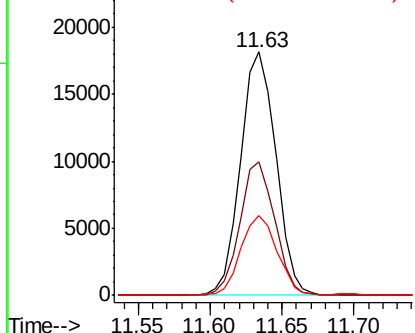
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007596.D
Acq: 15 Dec 2018 21:20

Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion:117 Resp: 30955
Ion Ratio Lower Upper
117 100
82 54.7 42.3 63.5
119 32.7 23.0 34.6

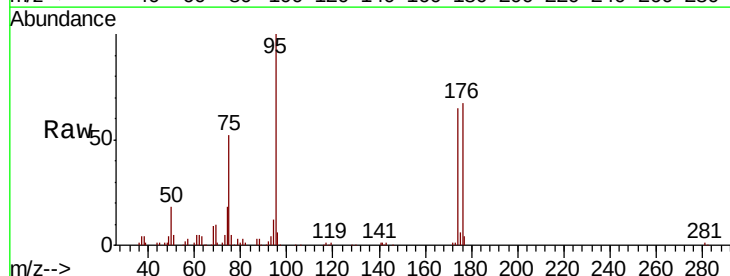


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

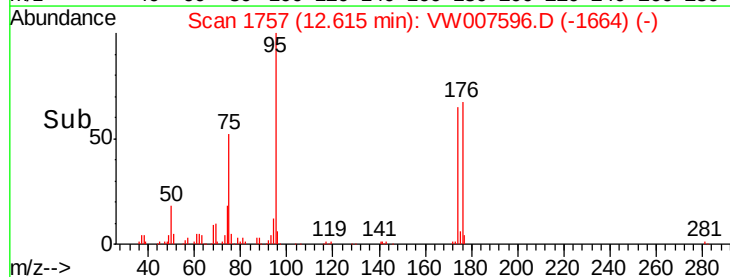
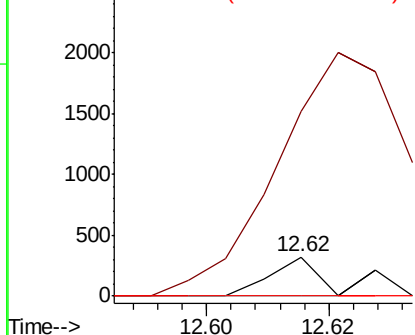


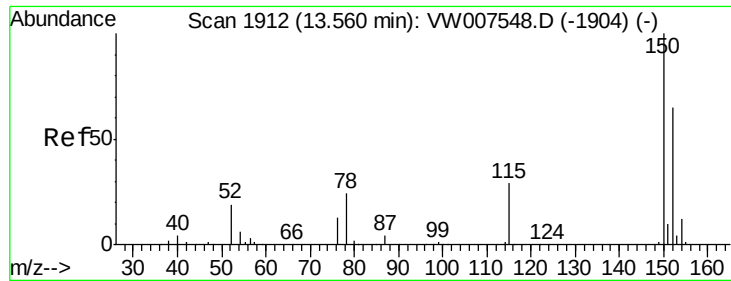
#71
Bromoform
Concen: 1.436 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.27 min
Lab File: VW007596.D
Acq: 15 Dec 2018 21:20

Tgt Ion:173 Resp: 167
Ion Ratio Lower Upper
173 100
175 0.0 23.6 70.8#
254 0.0 0.0 0.0



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

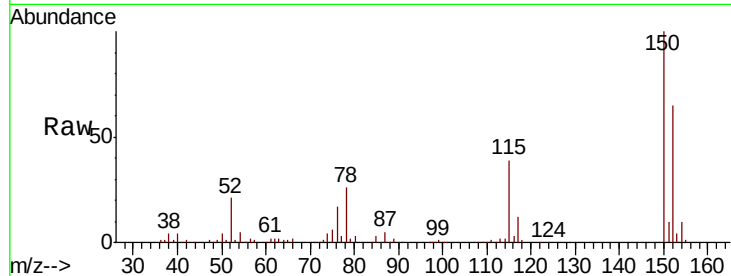




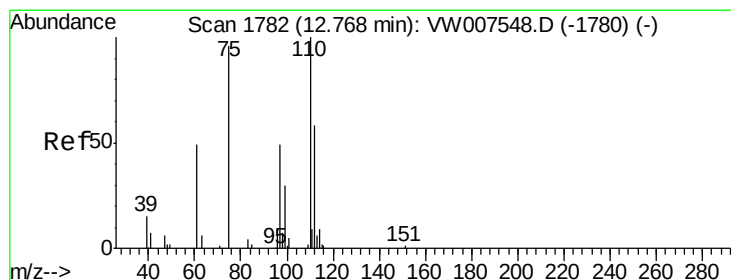
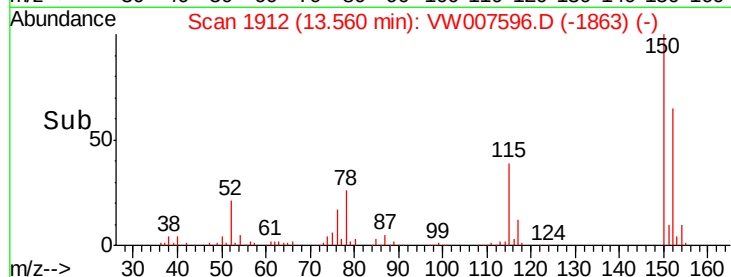
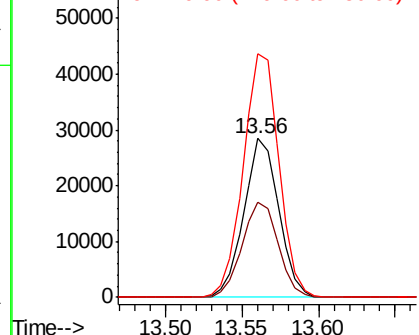
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.00 min
 Lab File: VW007596.D
 Acq: 15 Dec 2018 21:20

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-2A-G-5-120718RE

Tgt Ion: 152 Resp: 45050
 Ion Ratio Lower Upper
 152 100
 115 61.9 31.4 94.2
 150 156.6 0.0 358.4

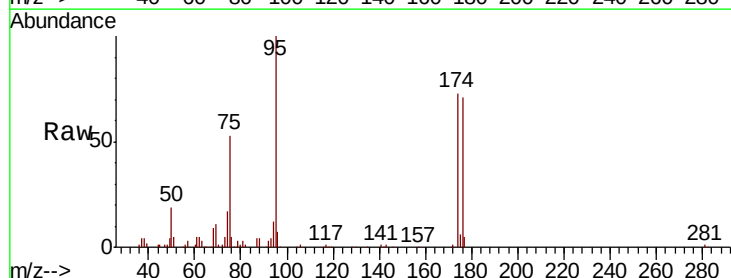


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

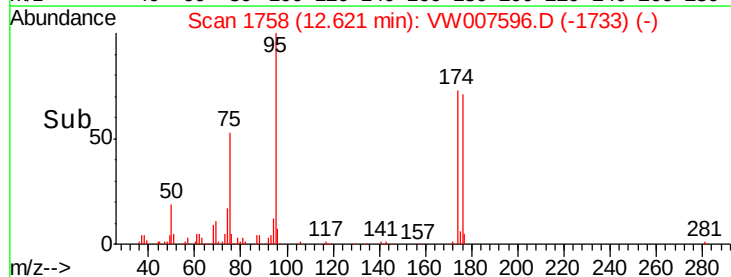
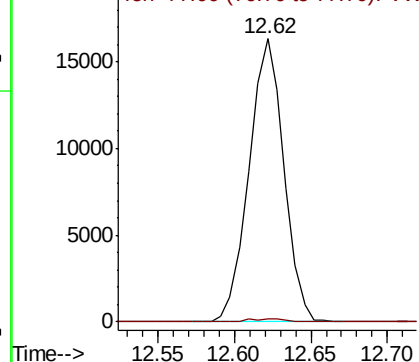


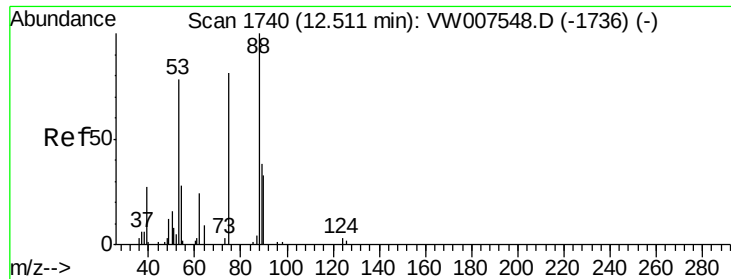
#76
 1,2,3-Trichloropropane
 Concen: 69.444 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW007596.D
 Acq: 15 Dec 2018 21:20

Tgt Ion: 75 Resp: 25795
 Ion Ratio Lower Upper
 75 100
 77 1.0 166.9 500.8#



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: 153.402 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW007596.D
 Acq: 15 Dec 2018 21:20

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-2A-G-5-120718RE

Tgt Ion: 75 Resp: 25795
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.9 127.3#
 89 0.1 40.3 60.5#

