

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120518\
 Data File : VW007256.D
 Acq On : 06 Dec 2018 04:06
 Operator : SY/AP
 Sample : VW1205SBL02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBL02

Quant Time: Dec 06 06:27:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	96337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	158129	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	145914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	70720	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	52172	58.17	ug/l	0.00
Spiked Amount			Recovery	=	116.34%	
35) Dibromofluoromethane	7.88	113	48241	53.28	ug/l	0.00
Spiked Amount			Recovery	=	106.56%	
50) Toluene-d8	10.33	98	208834	52.36	ug/l	0.00
Spiked Amount			Recovery	=	104.72%	
62) 4-Bromofluorobenzene	12.62	95	79389	52.74	ug/l	0.00
Spiked Amount			Recovery	=	105.48%	

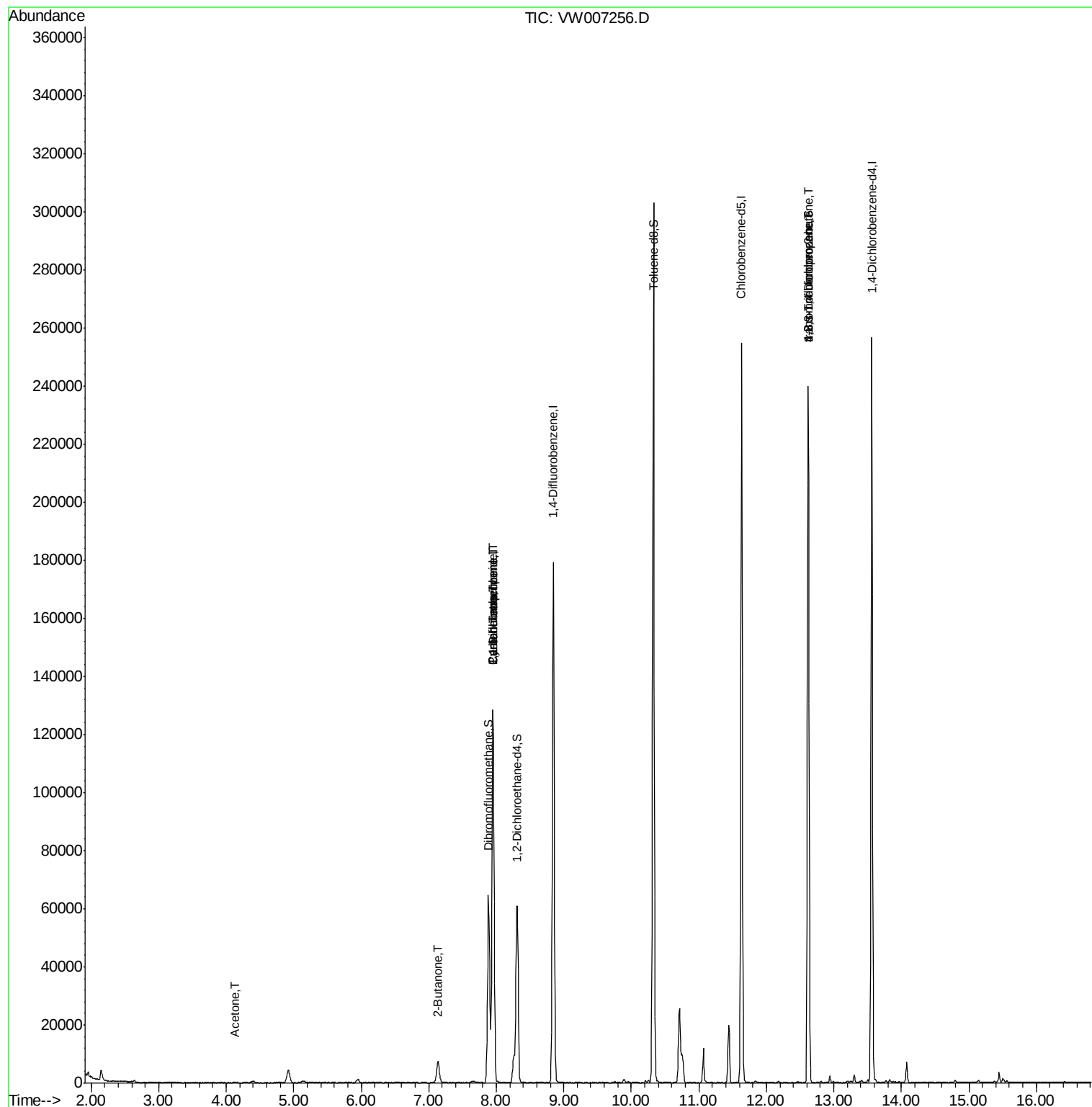
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.13	59	590	Below Cal	#	75
16) Acetone	4.12	43	460	2.166	ug/l #	86
20) Methylene Chloride	4.92	84	3502	Below Cal		93
25) 2-Butanone	7.13	43	400	1.625	ug/l #	46
31) Cyclohexane	7.96	56	1966	1.105	ug/l #	31
36) 1,1-Dichloropropene	7.95	75	7373	4.792	ug/l #	50
38) Carbon Tetrachloride	7.95	117	9798	6.239	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	38695	70.664	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	38695	152.306	ug/l #	13

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

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Quant Time: Dec 06 06:27:09 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 05 01:35:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007256.D

Acq: 06 Dec 2018 04:06

Instrument :

MSVOA_W

ClientSampleId :

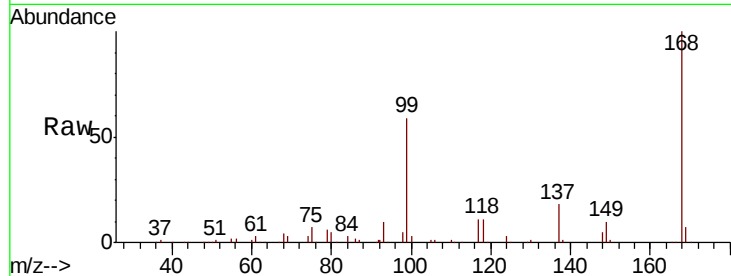
VW1205SBL02

Tot Ion:168 Resp: 96337

Ion Ratio Lower Upper

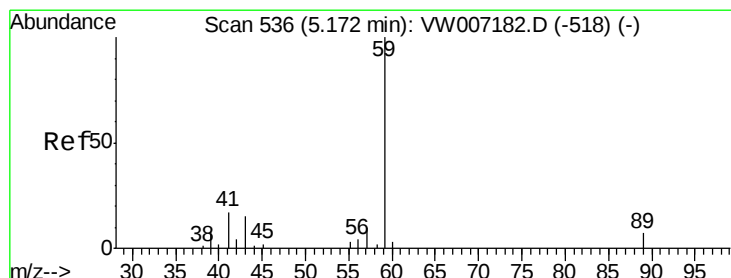
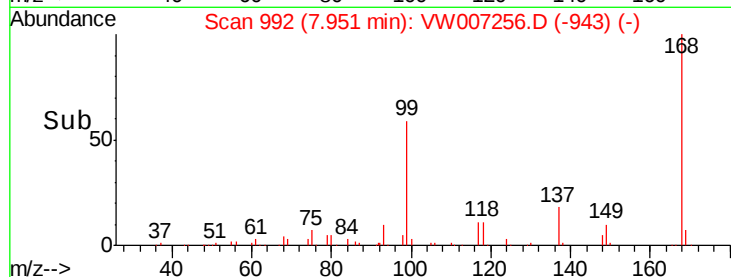
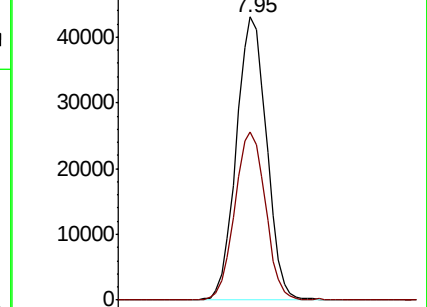
168 100

99 59.4 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.13 min Scan# 530

Delta R.T. -0.04 min

Lab File: VW007256.D

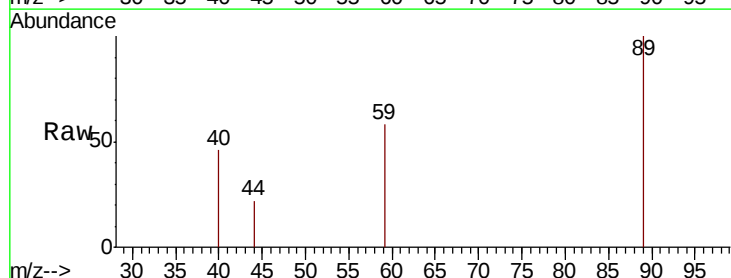
Acq: 06 Dec 2018 04:06

Tgt Ion: 59 Resp: 590

Ion Ratio Lower Upper

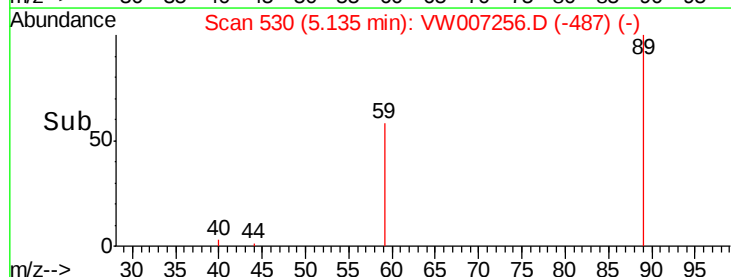
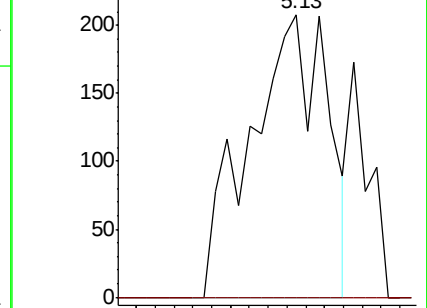
59 100

57 0.0 7.1 10.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 2.166 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW007256.D

Acq: 06 Dec 2018 04:06

Instrument :

MSVOA_W

ClientSampleId :

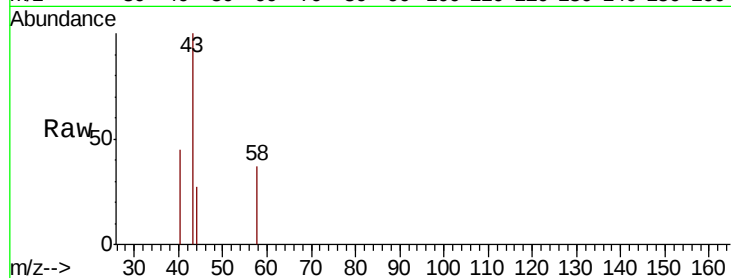
VW1205SBL02

Tot Ion: 43 Resp: 460

Ion Ratio Lower Upper

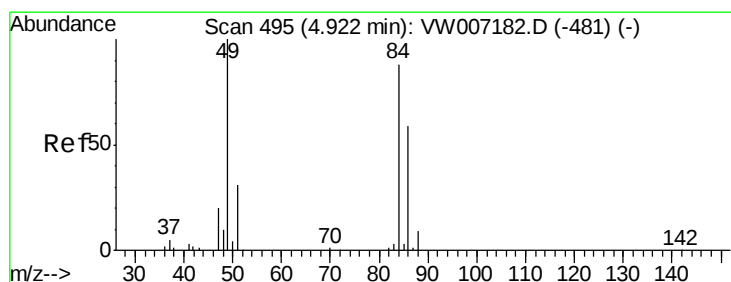
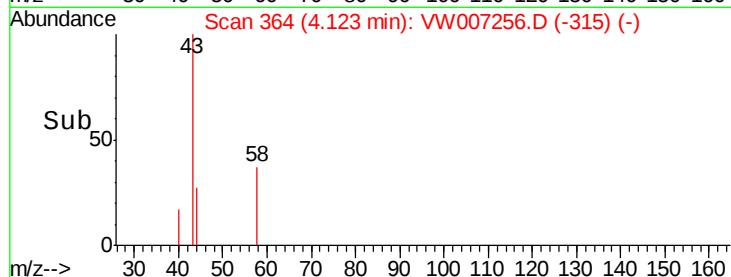
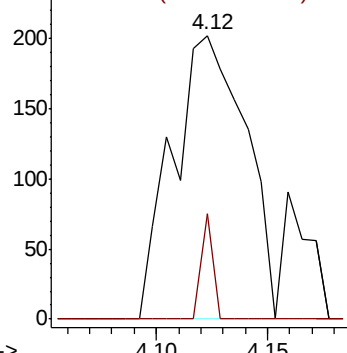
43 100

58 37.1 23.8 35.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW007256.D

Acq: 06 Dec 2018 04:06

Tgt Ion: 84 Resp: 3502

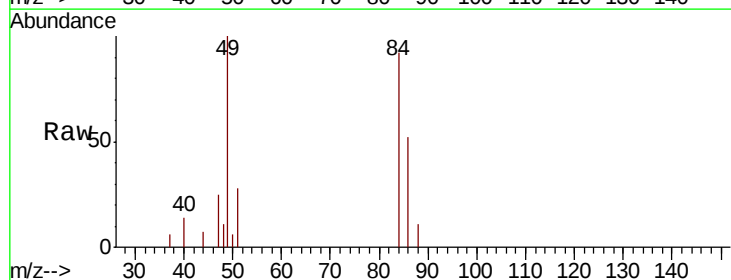
Ion Ratio Lower Upper

84 100

49 109.1 90.6 135.8

51 30.1 27.6 41.4

86 56.7 53.7 80.5

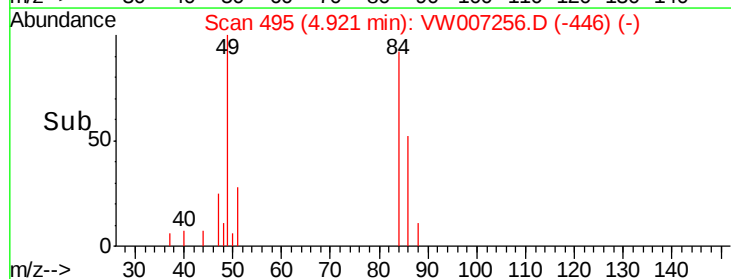
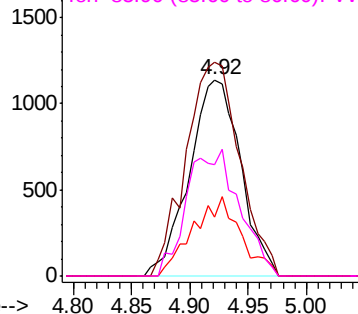


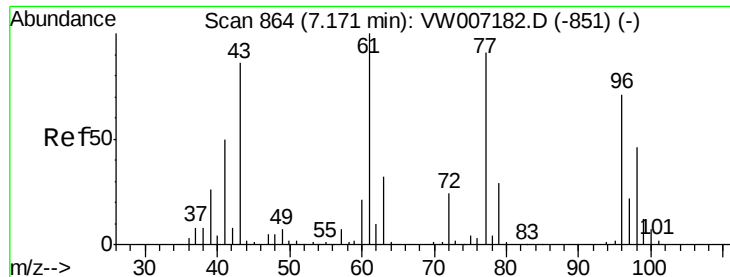
Abundance Ion 83.90 (83.60 to 84.60): VW

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

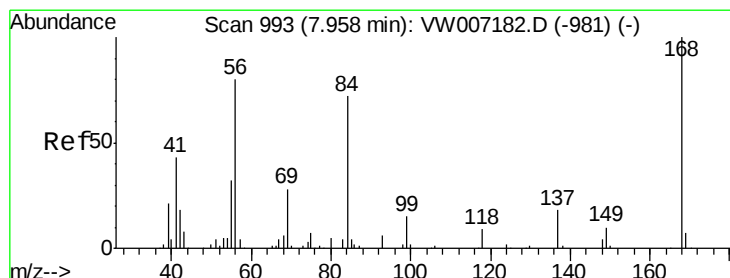
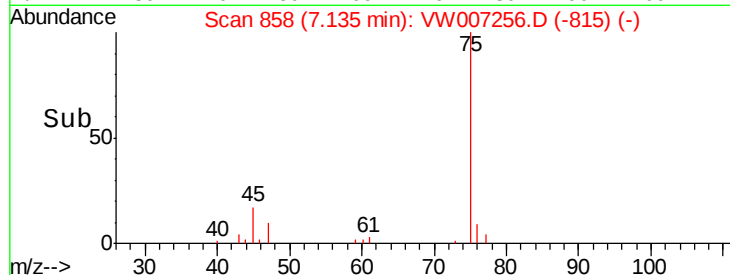
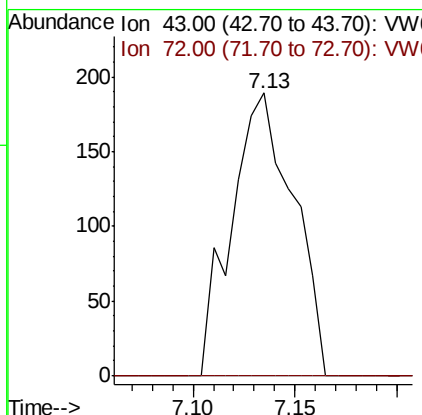
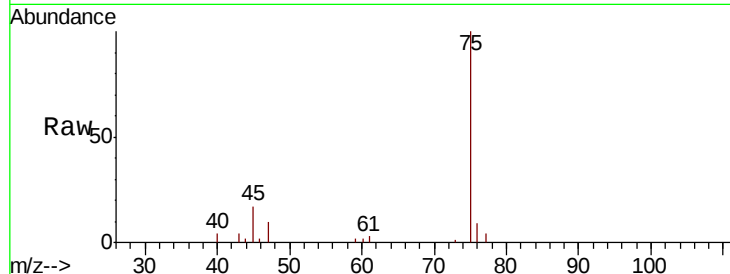




#25
 2-Butanone
 Concen: 1.625 ug/l
 RT: 7.13 min Scan# 858
 Delta R.T. -0.04 min
 Lab File: VW007256.D
 Acq: 06 Dec 2018 04:06

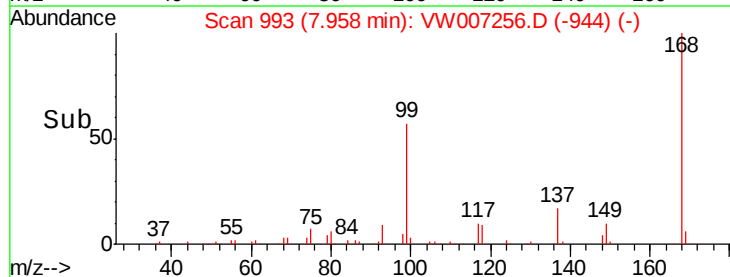
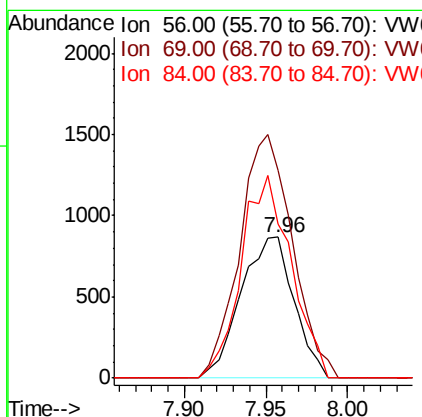
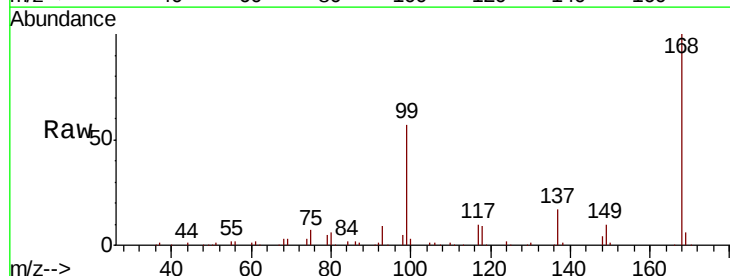
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBL02

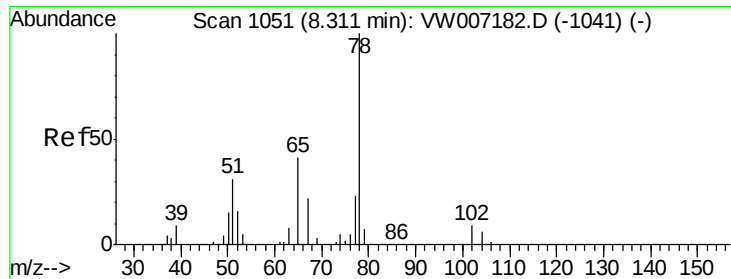
Tot Ion: 43 Resp: 400
 Ion Ratio Lower Upper
 43 100
 72 0.0 22.8 34.2#



#31
 Cyclohexane
 Concen: 1.105 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: VW007256.D
 Acq: 06 Dec 2018 04:06

Tgt Ion: 56 Resp: 1966
 Ion Ratio Lower Upper
 56 100
 69 147.1 28.2 42.2#
 84 109.3 72.1 108.1#

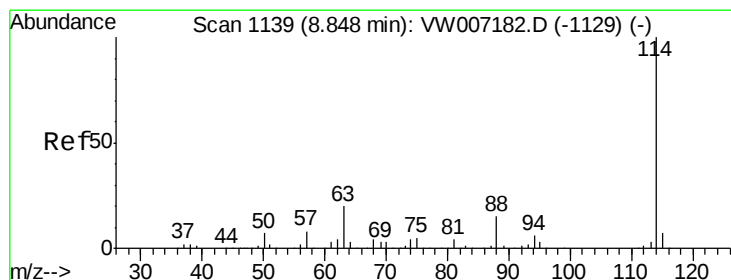
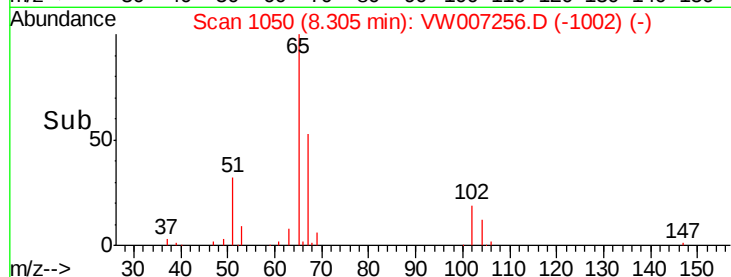
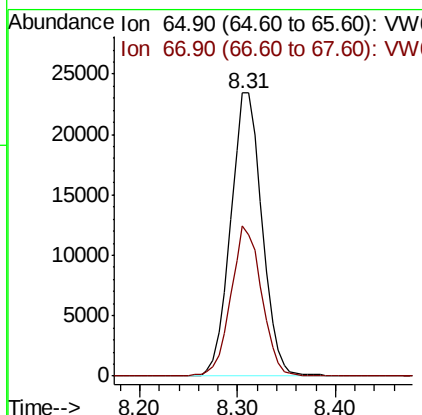
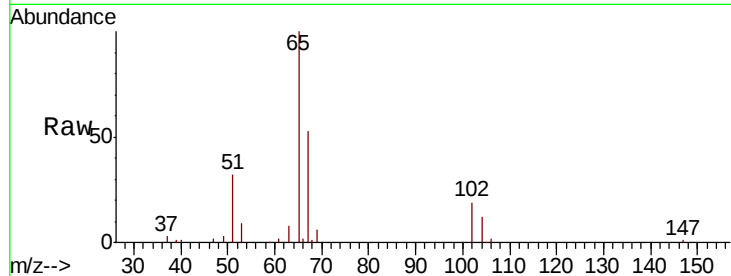




#33
 1,2-Dichloroethane-d4
 Concen: 58.167 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW007256.D
 Acq: 06 Dec 2018 04:06

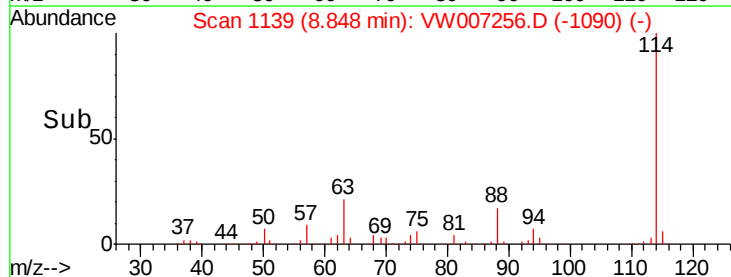
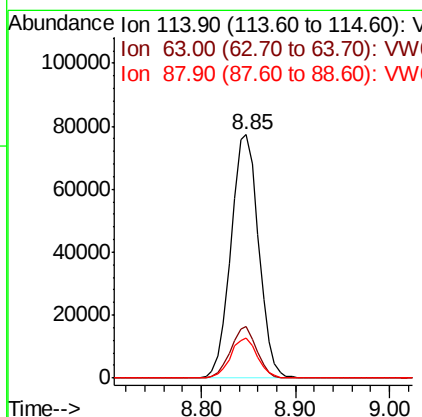
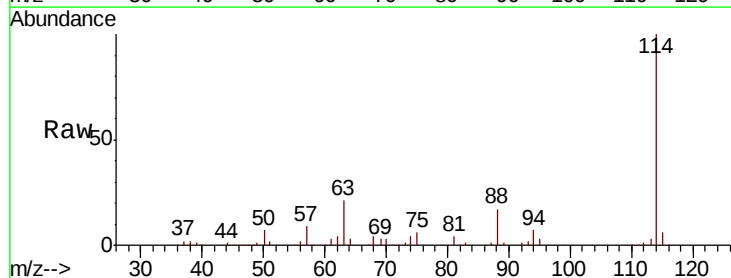
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBL02

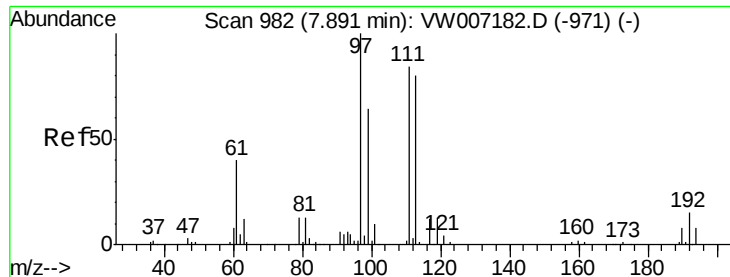
Tot Ion: 65 Resp: 52172
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007256.D
 Acq: 06 Dec 2018 04:06

Tgt Ion: 114 Resp: 158129
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 40.2
 88 16.6 0.0 30.0

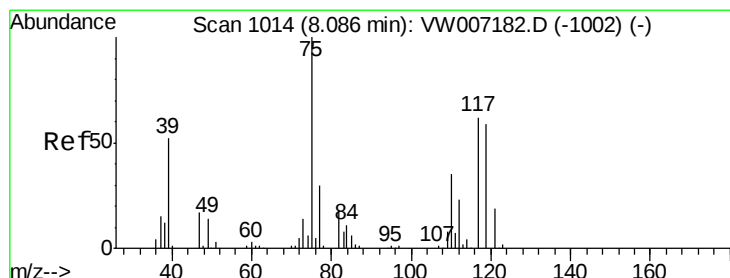
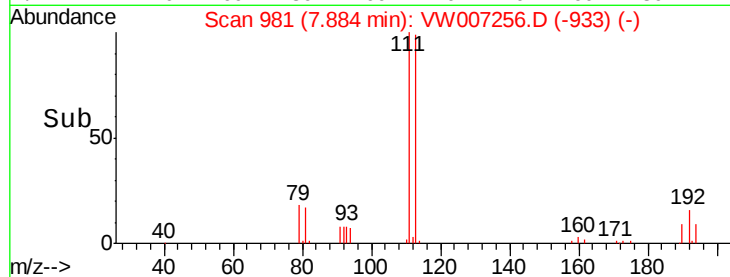
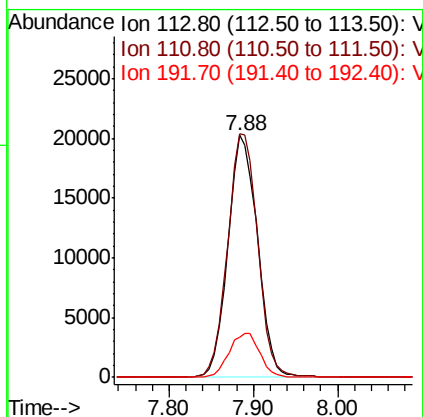
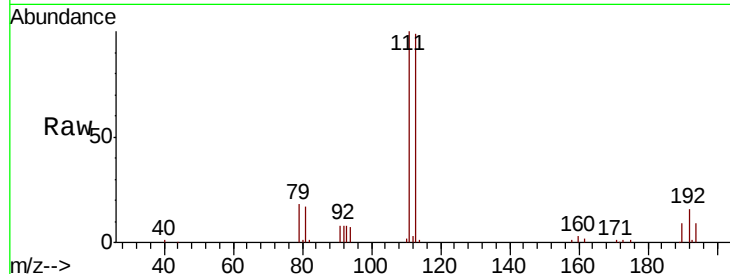




#35
 Dibromofluoromethane
 Concen: 53.279 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007256.D
 Acq: 06 Dec 2018 04:06

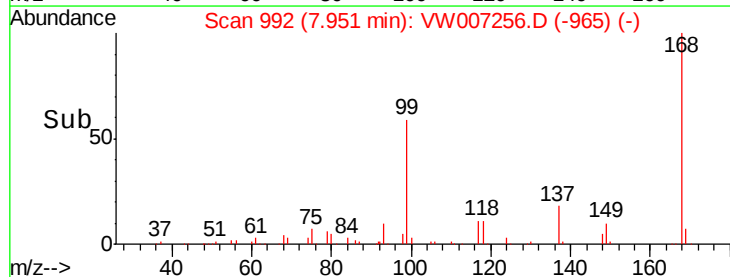
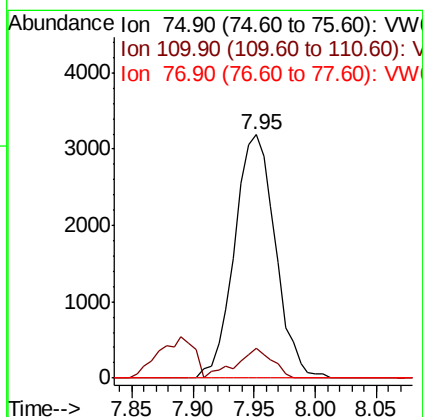
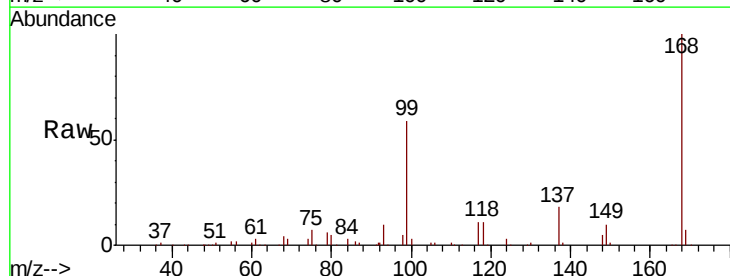
Instrument :
 MSVOA_W
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 VW1205SBL02

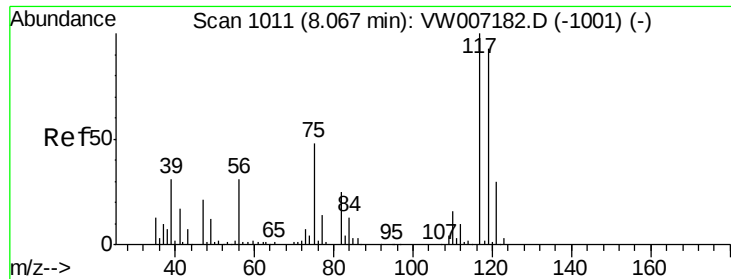
Tot Ion:113 Resp: 48241
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.2 123.4
 192 18.8 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 4.792 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007256.D
 Acq: 06 Dec 2018 04:06

Tgt Ion: 75 Resp: 7373
 Ion Ratio Lower Upper
 75 100
 110 10.4 18.3 54.9#
 77 0.0 24.9 37.3#

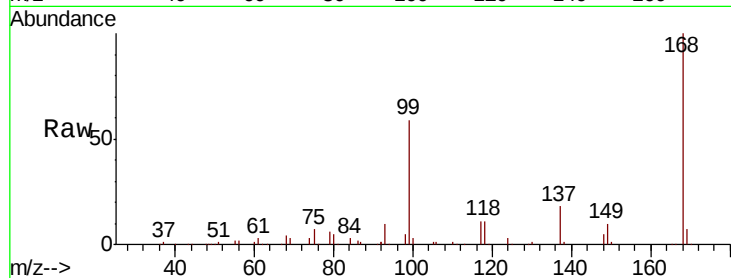




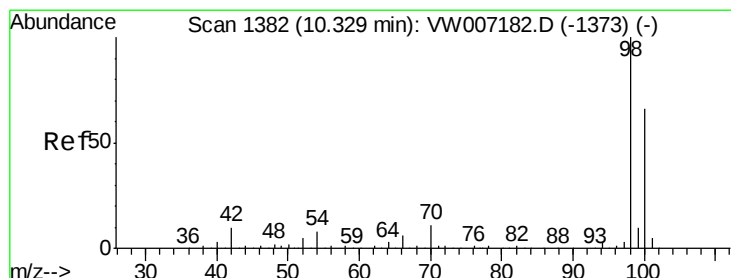
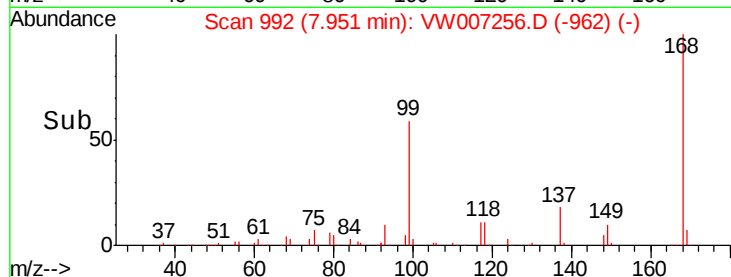
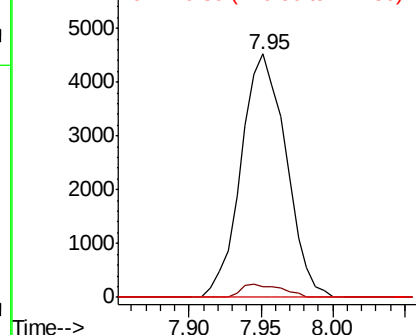
#38
Carbon Tetrachloride
Concen: 6.239 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW007256.D
Acq: 06 Dec 2018 04:06

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBL02

Tot Ion:117 Resp: 9798
Ion Ratio Lower Upper
117 100
119 4.2 74.1 111.1#
121 0.0 23.9 35.9#

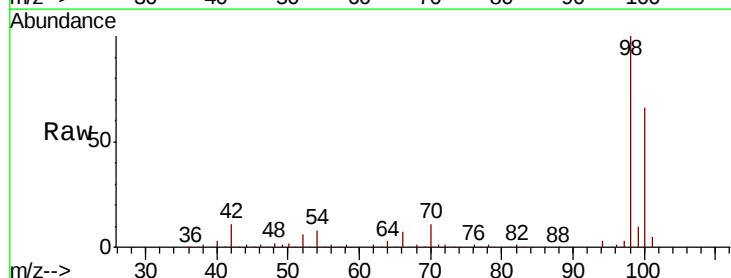


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

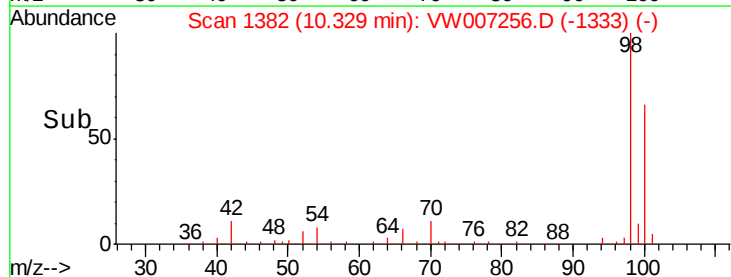
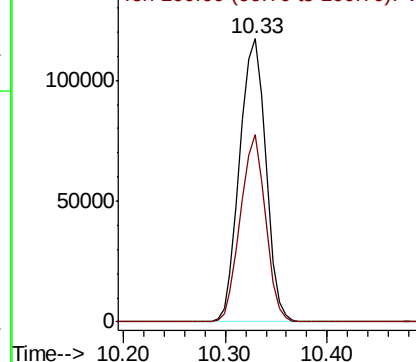


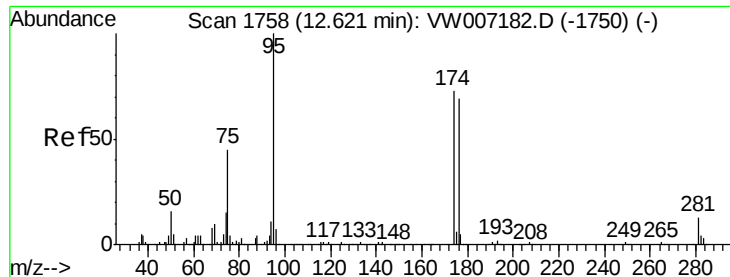
#50
Toluene-d8
Concen: 52.360 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW007256.D
Acq: 06 Dec 2018 04:06

Tgt Ion: 98 Resp: 208834
Ion Ratio Lower Upper
98 100
100 63.6 52.7 79.1



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

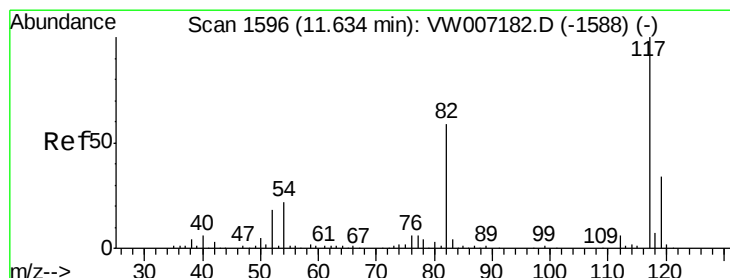
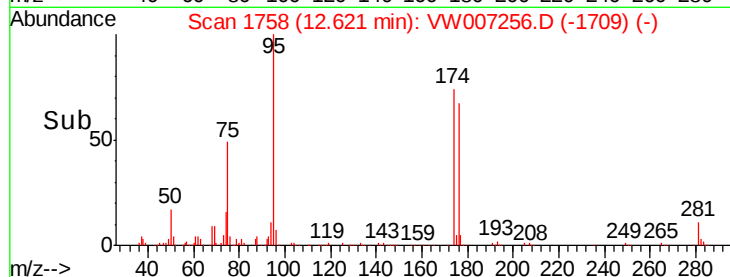
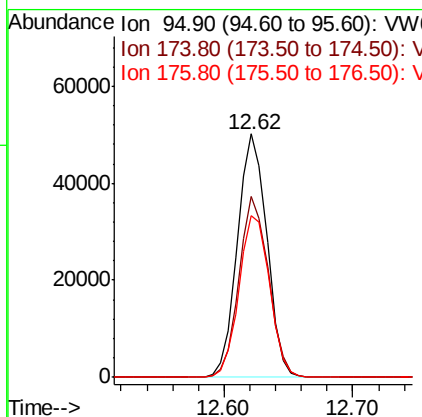
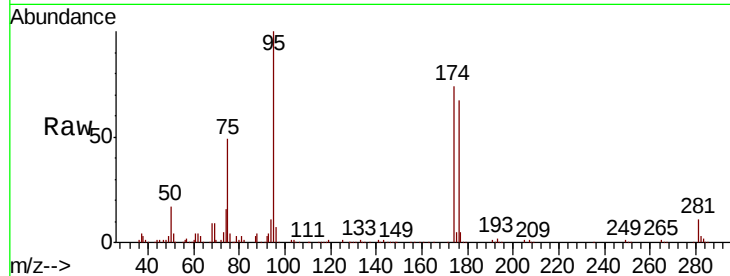




#62
4-Bromofluorobenzene
Concen: 52.735 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007256.D
Acq: 06 Dec 2018 04:06

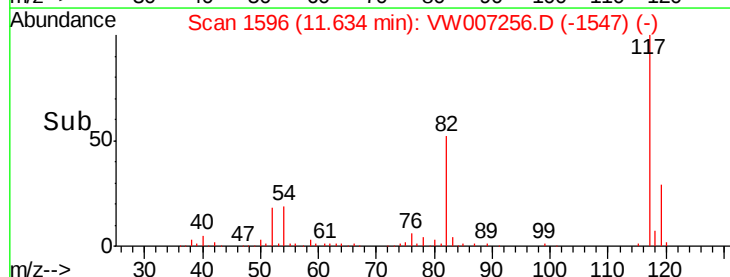
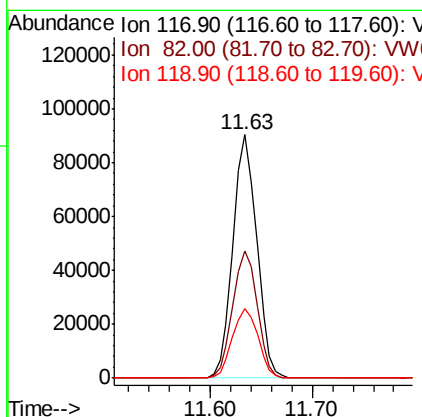
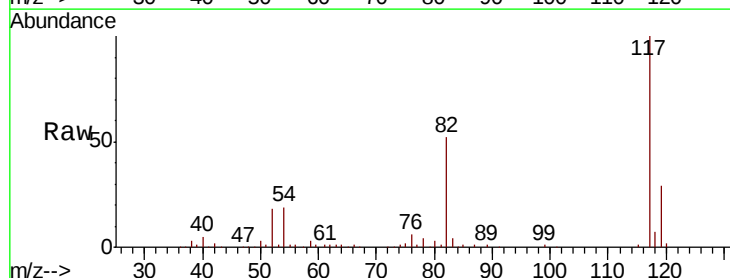
Instrument :
MSVOA_W
ClientSampleId :
VW1205SBL02

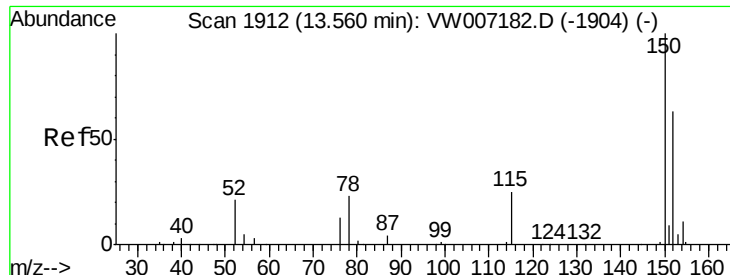
Tot Ion: 95 Resp: 79389
Ion Ratio Lower Upper
95 100
174 74.1 0.0 148.0
176 68.9 0.0 139.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007256.D
Acq: 06 Dec 2018 04:06

Tgt Ion: 117 Resp: 145914
Ion Ratio Lower Upper
117 100
82 52.3 47.4 71.2
119 28.8 26.8 40.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW007256.D

Acq: 06 Dec 2018 04:06

Instrument :

MSVOA_W

ClientSampleId :

VW1205SBL02

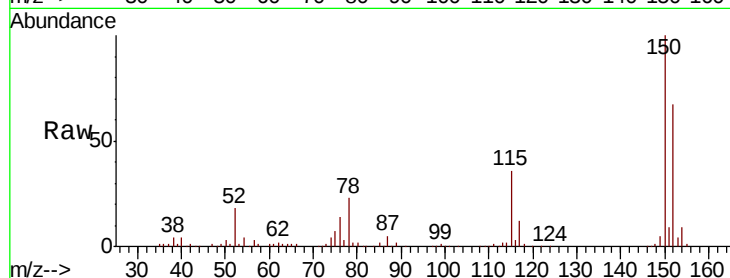
Tot Ion:152 Resp: 70720

Ion Ratio Lower Upper

152 100

115 59.4 31.3 93.8

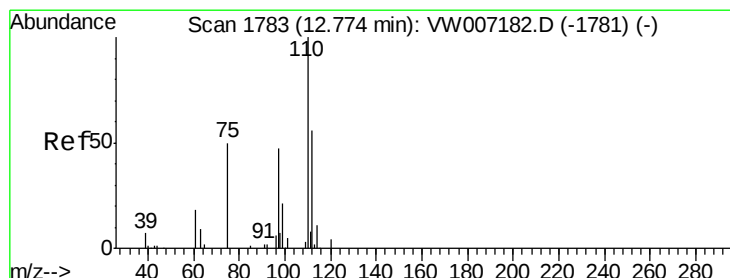
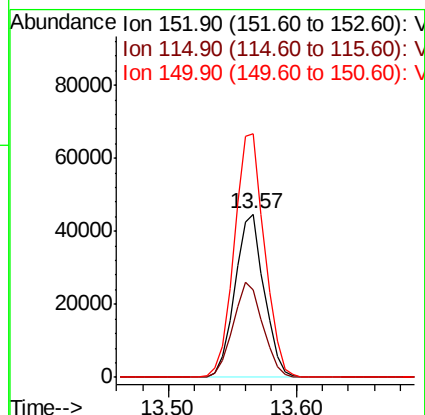
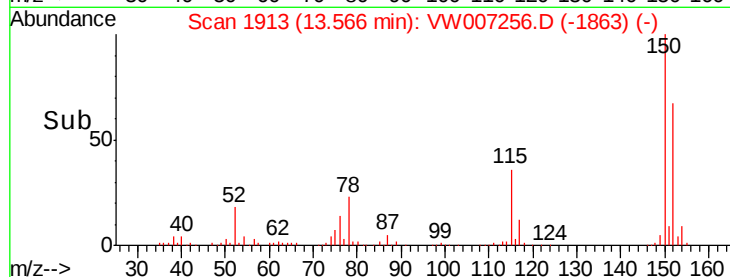
150 154.1 0.0 358.0



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: 70.664 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007256.D

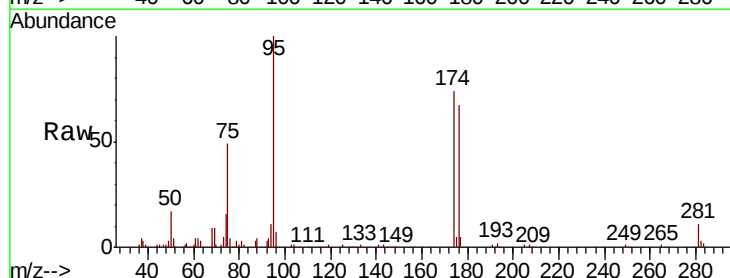
Acq: 06 Dec 2018 04:06

Tgt Ion: 75 Resp: 38695

Ion Ratio Lower Upper

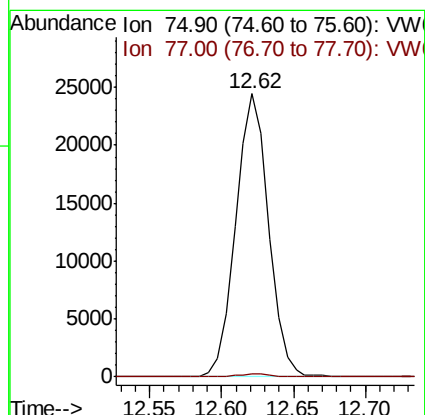
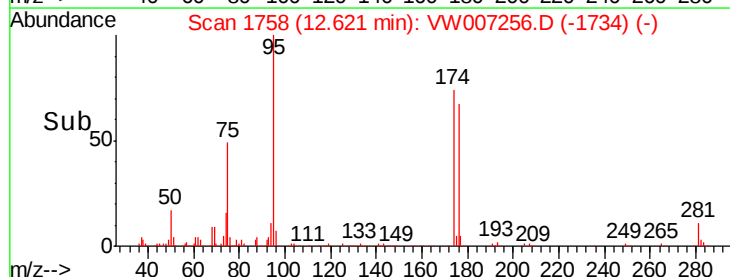
75 100

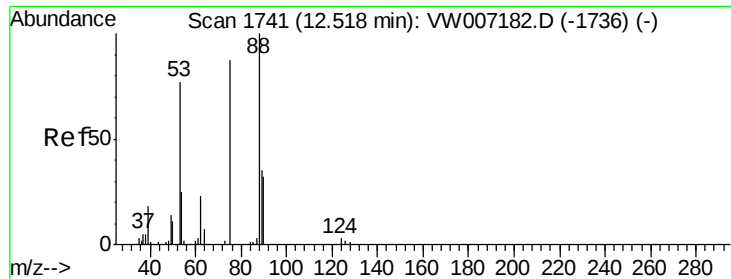
77 1.0 0.0 0.0#



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: 152.306 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007256.D

Acq: 06 Dec 2018 04:06

Instrument :

MSVOA_W

ClientSampleId :

VW1205SBL02

Tot Ion: 75 Resp: 38695

Ion Ratio Lower Upper

75 100

53 0.0 72.8 109.2#

89 0.0 36.4 54.6#

