

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120518\
 Data File : VW007259.D
 Acq On : 06 Dec 2018 05:22
 Operator : SY/AP
 Sample : J6188-01
 Misc : 6.38G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BU-03-120418-A

Quant Time: Dec 06 06:28:34 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	48767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	84787	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	60955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	19102	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	22773	50.16	ug/l	0.00
Spiked Amount			Recovery	=	100.32%	
35) Dibromofluoromethane	7.89	113	20768	42.78	ug/l	0.00
Spiked Amount			Recovery	=	85.56%	
50) Toluene-d8	10.33	98	64950	30.37	ug/l	0.00
Spiked Amount			Recovery	=	60.74%	
62) 4-Bromofluorobenzene	12.62	95	21771	26.97	ug/l	0.00
Spiked Amount			Recovery	=	53.94%	

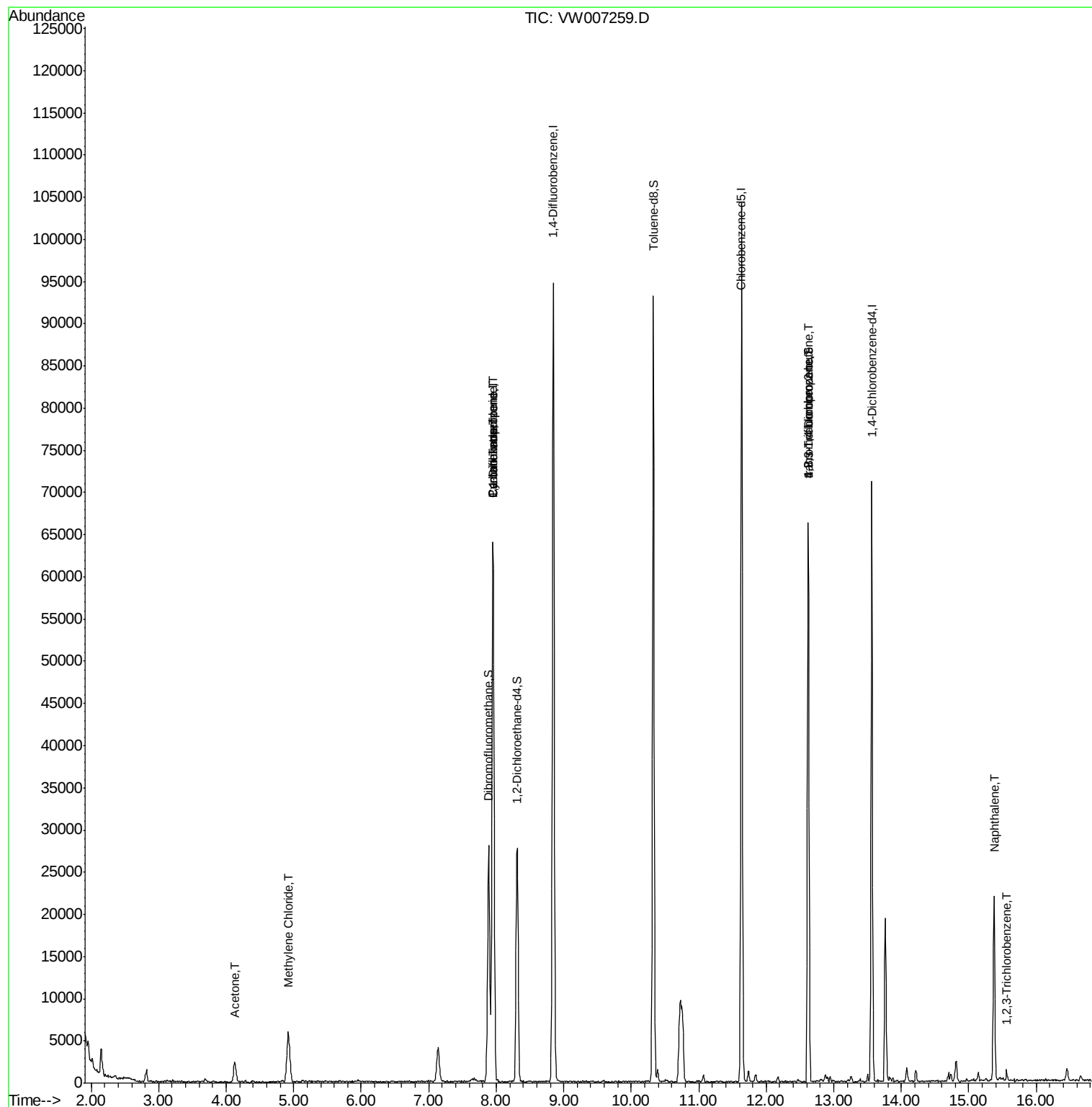
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	41	Below Cal	#	75
16) Acetone	4.13	43	4058	37.753	ug/l	98
20) Methylene Chloride	4.92	84	4792	4.061	ug/l	90
31) Cyclohexane	7.95	56	964	1.070	ug/l #	39
36) 1,1-Dichloropropene	7.95	75	3735	4.527	ug/l #	48
38) Carbon Tetrachloride	7.95	117	5235	6.217	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	10621	71.808	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	10621	154.772	ug/l #	13
95) Naphthalene	15.38	128	19720	26.641	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	402	1.154	ug/l	82

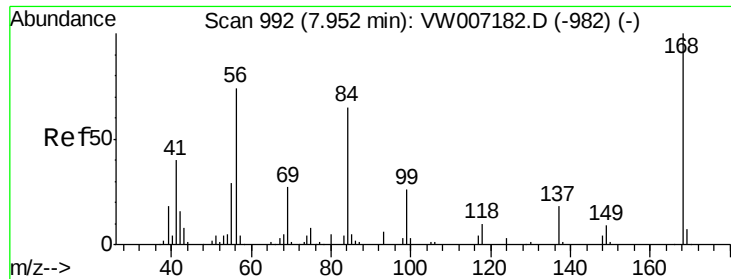
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BU-03-120418-A

Quant Time: Dec 06 06:28:34 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: VW007259.D

Acq: 06 Dec 2018 05:22

Instrument :

MSVOA_W

ClientSampleId :

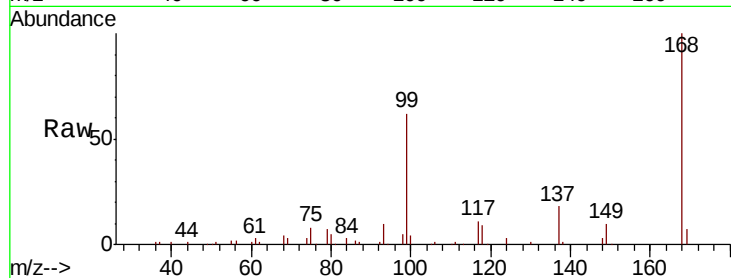
BU-03-120418-A

Tot Ion:168 Resp: 48767

Ion Ratio Lower Upper

168 100

99 61.6 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

25000

20000

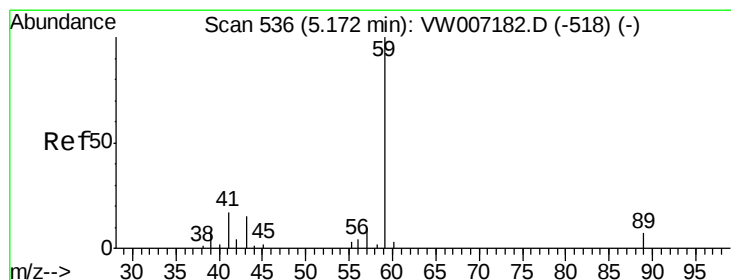
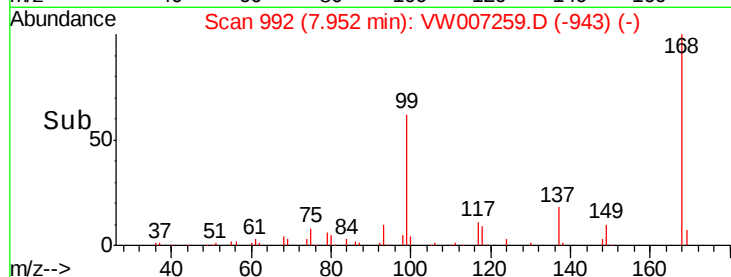
15000

10000

5000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.18 min Scan# 537

Delta R.T. 0.01 min

Lab File: VW007259.D

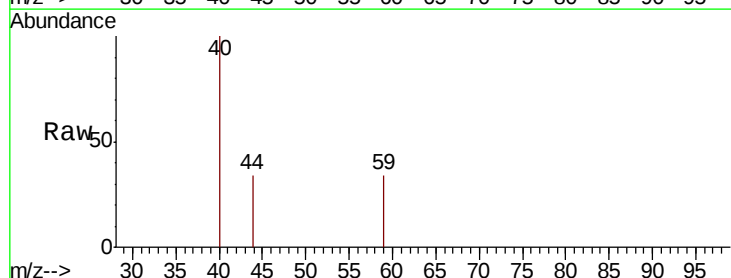
Acq: 06 Dec 2018 05:22

Tgt Ion: 59 Resp: 41

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

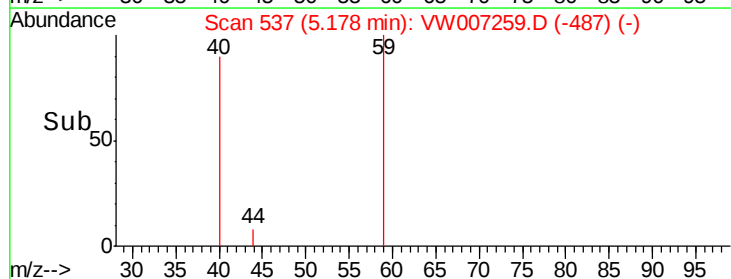
5.18

100

50

0

Time-->





#16

Acetone

Concen: 37.753 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007259.D

Acq: 06 Dec 2018 05:22

Instrument :

MSVOA_W

ClientSampleId :

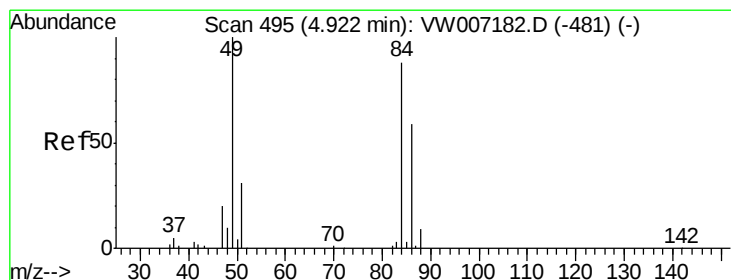
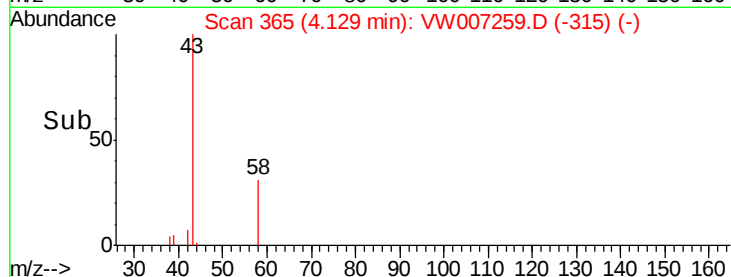
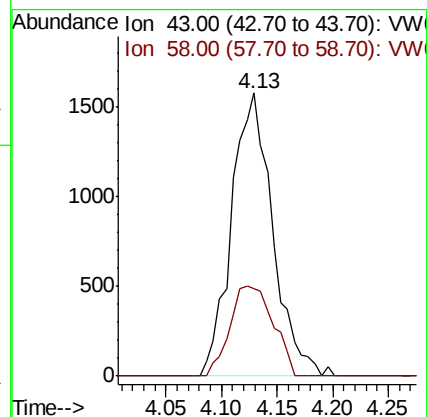
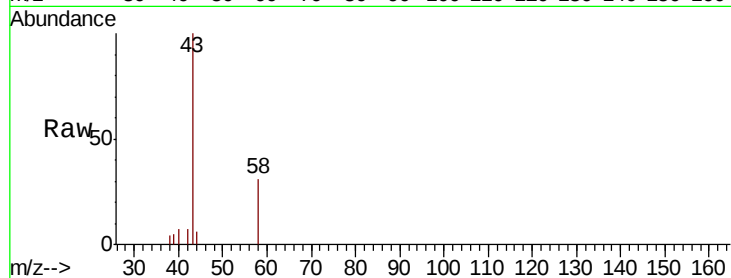
BU-03-120418-A

Tot Ion: 43 Resp: 4058

Ion Ratio Lower Upper

43 100

58 30.9 23.8 35.8



#20

Methylene Chloride

Concen: 4.061 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW007259.D

Acq: 06 Dec 2018 05:22

Tgt Ion: 84 Resp: 4792

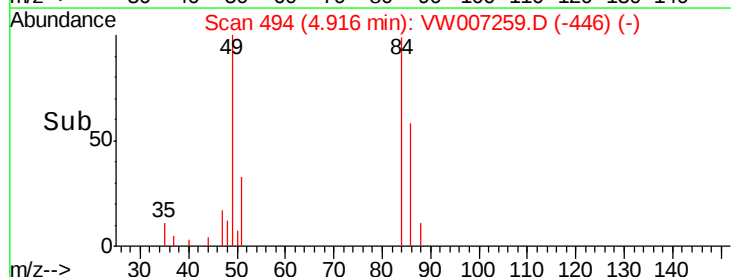
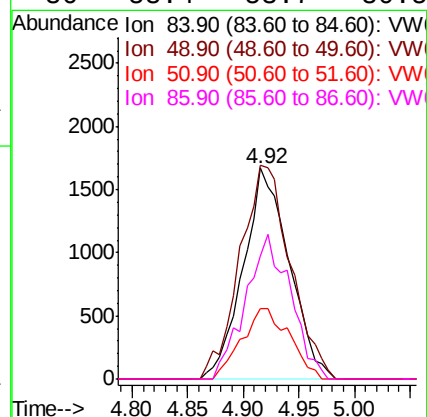
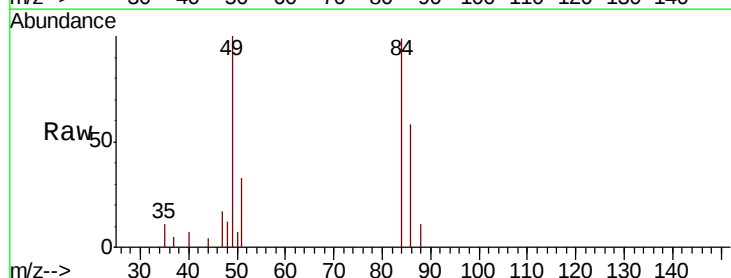
Ion Ratio Lower Upper

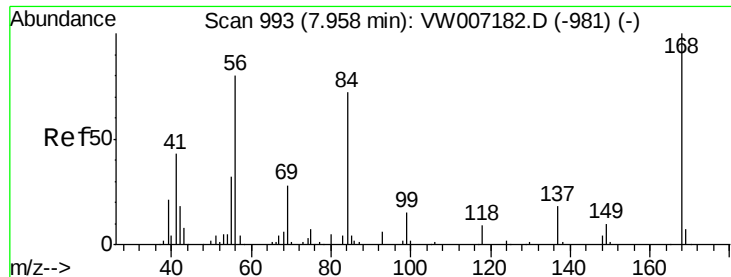
84 100

49 101.4 90.6 135.8

51 33.3 27.6 41.4

86 58.4 53.7 80.5

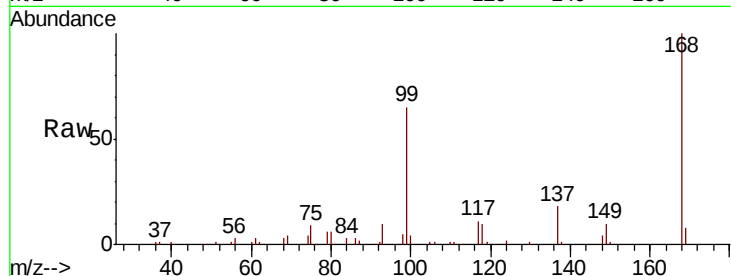




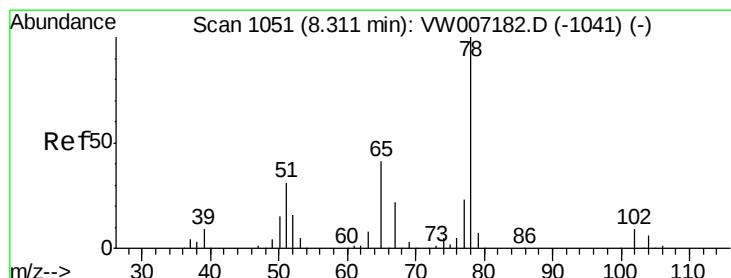
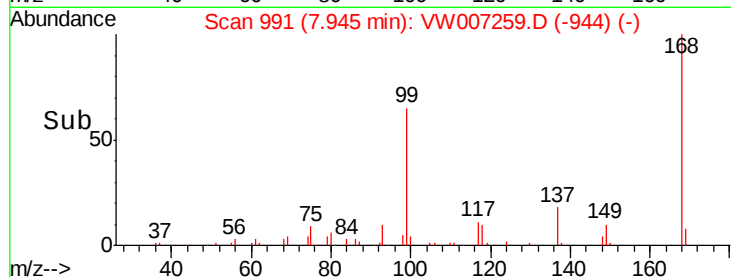
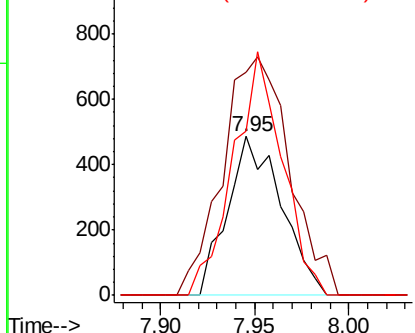
#31
Cyclohexane
Concen: 1.070 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007259.D
Acq: 06 Dec 2018 05:22

Instrument :
MSVOA_W
ClientSampleId :
BU-03-120418-A

Tot Ion: 56 Resp: 964
Ion Ratio Lower Upper
56 100
69 140.3 28.2 42.2#
84 103.3 72.1 108.1

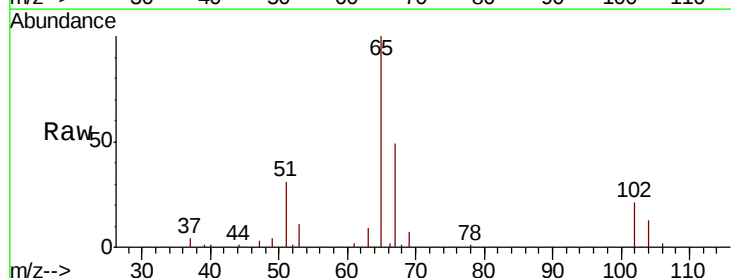


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

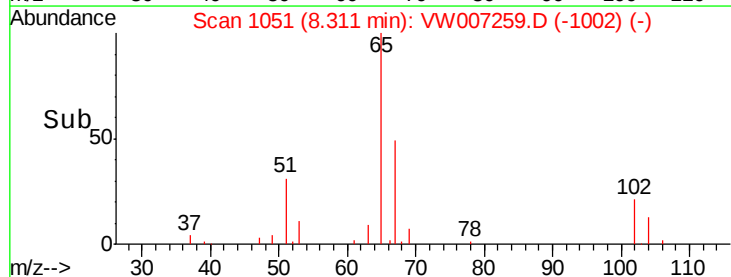
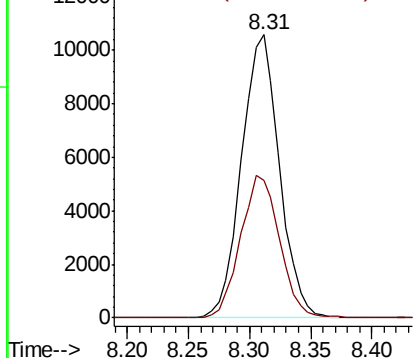


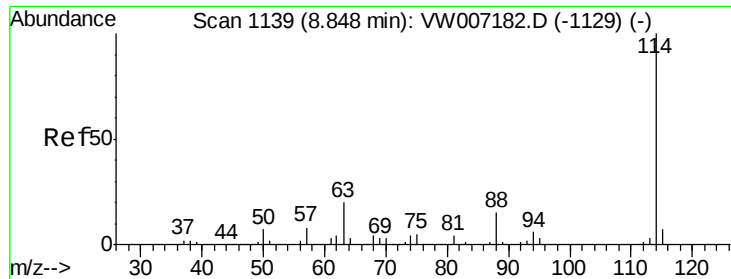
#33
1,2-Dichloroethane-d4
Concen: 50.156 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW007259.D
Acq: 06 Dec 2018 05:22

Tgt Ion: 65 Resp: 22773
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.4



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

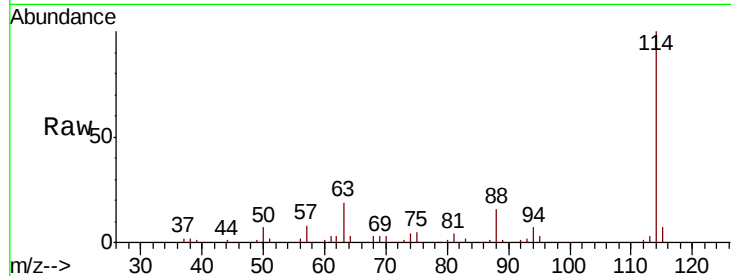




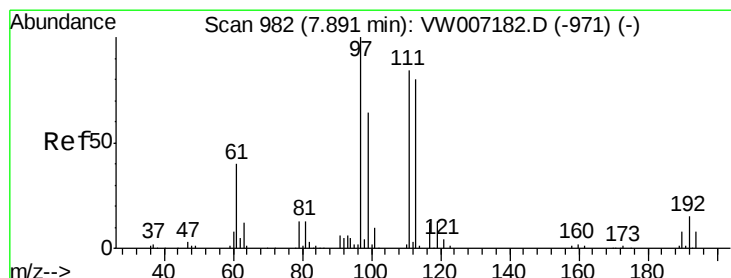
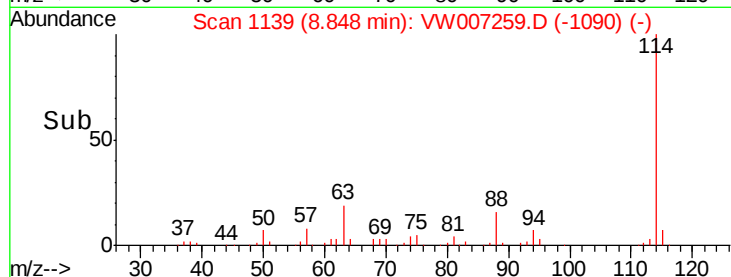
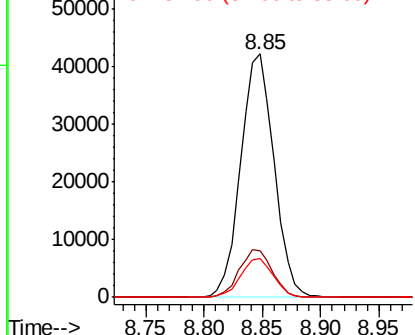
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007259.D
 Acq: 06 Dec 2018 05:22

Instrument :
 MSVOA_W
 ClientSampleId :
 BU-03-120418-A

Tot Ion:114 Resp: 84787
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 40.2
 88 15.7 0.0 30.0

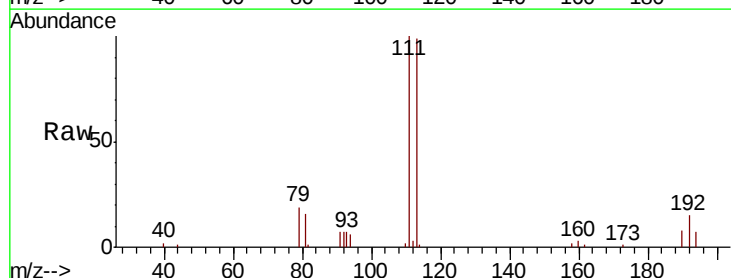


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

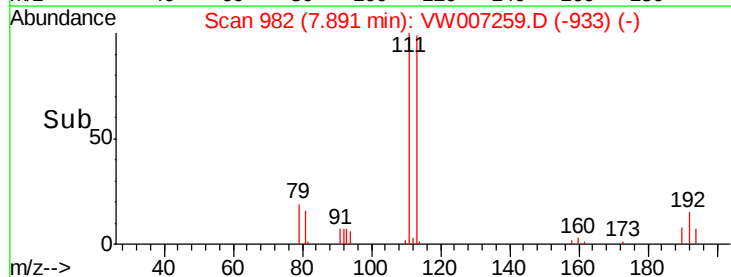
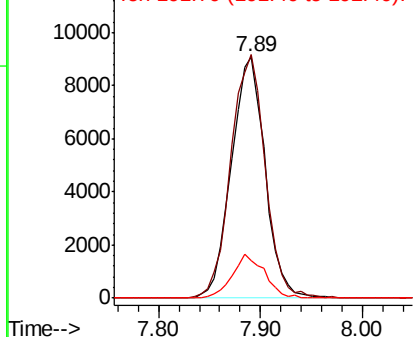


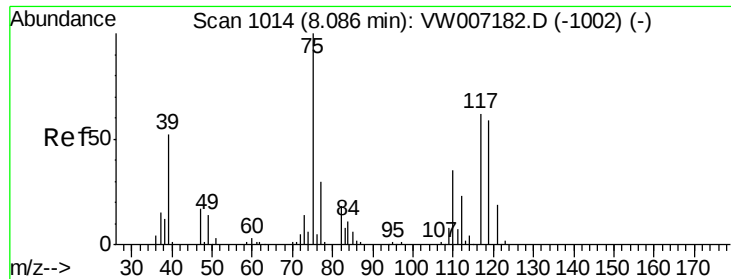
#35
 Dibromofluoromethane
 Concen: 42.778 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW007259.D
 Acq: 06 Dec 2018 05:22

Tgt Ion:113 Resp: 20768
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.2 123.4
 192 17.4 14.4 21.6



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

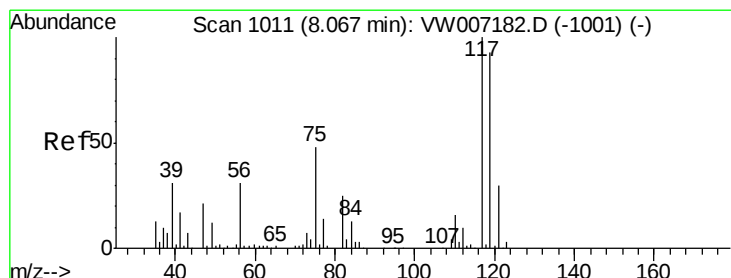
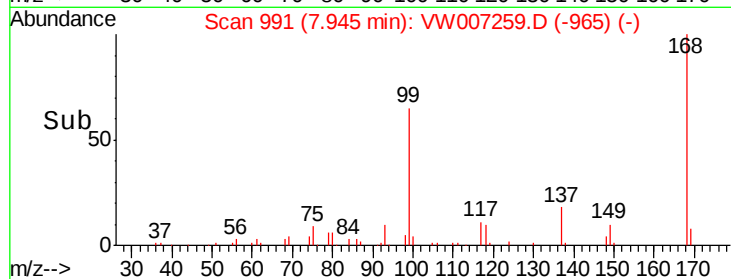
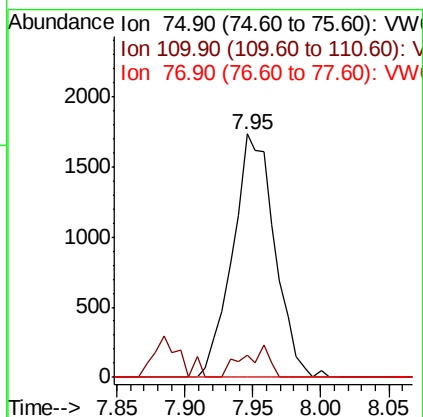
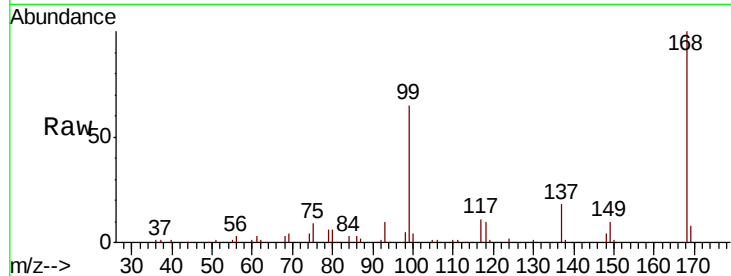




#36
 1,1-Dichloropropene
 Concen: 4.527 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW007259.D
 Acq: 06 Dec 2018 05:22

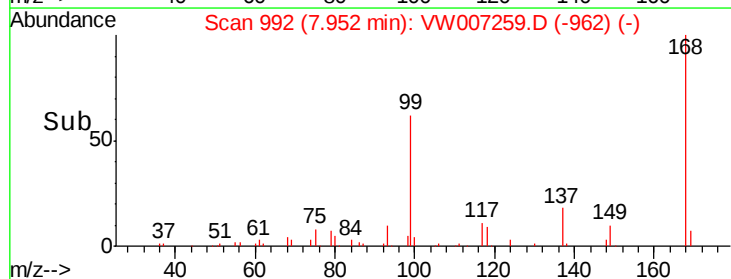
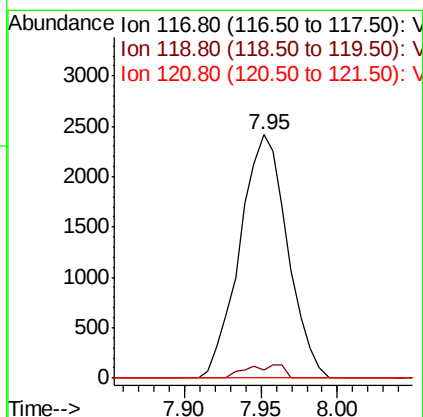
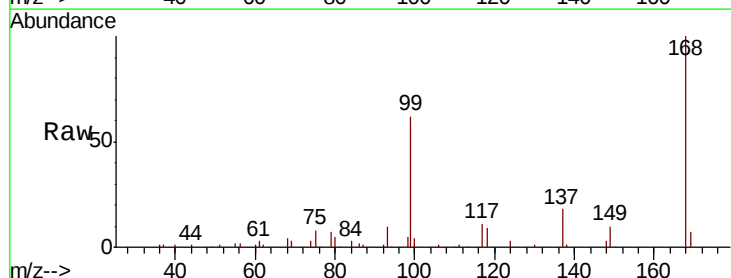
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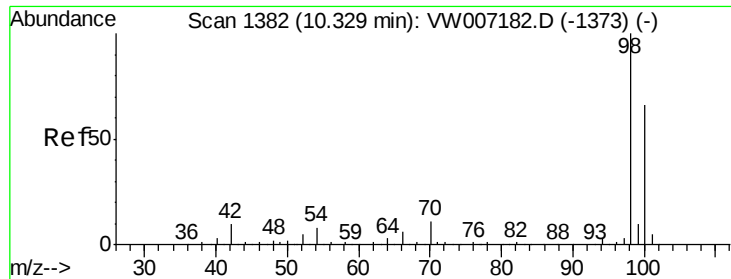
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.2	18.3	54.9#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.217 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007259.D
 Acq: 06 Dec 2018 05:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.6	74.1	111.1#
121	0.0	23.9	35.9#





#50

Toluene-d8

Concen: 30.371 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW007259.D

Acq: 06 Dec 2018 05:22

Instrument :

MSVOA_W

ClientSampleId :

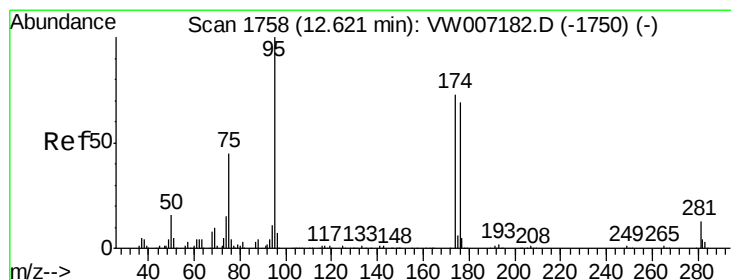
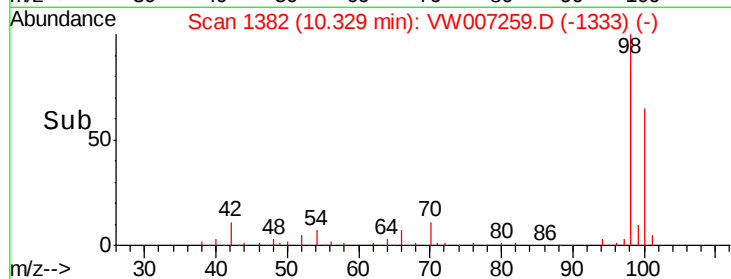
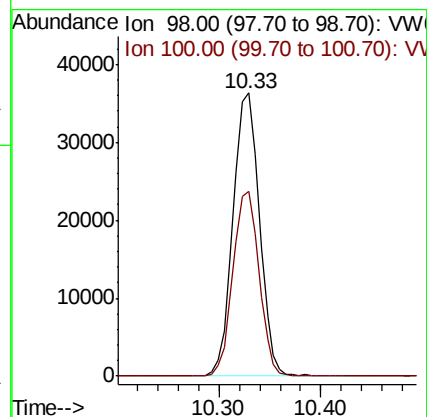
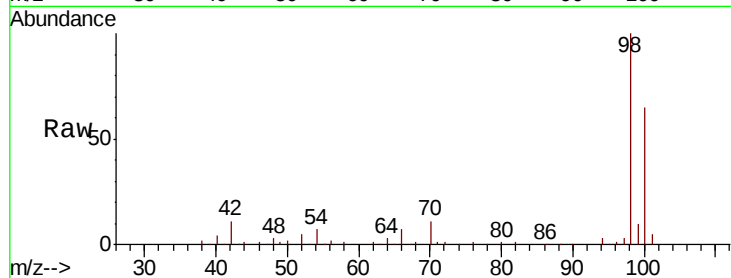
BU-03-120418-A

Tot Ion: 98 Resp: 64950

Ion Ratio Lower Upper

98 100

100 64.5 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 26.971 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007259.D

Acq: 06 Dec 2018 05:22

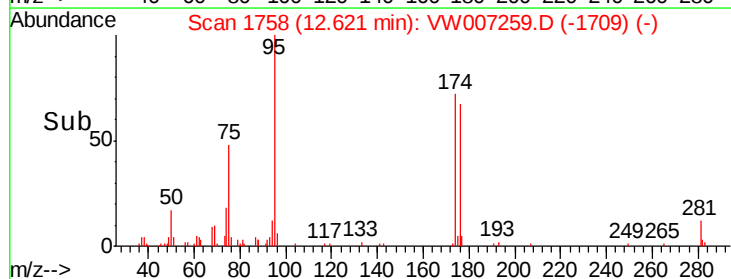
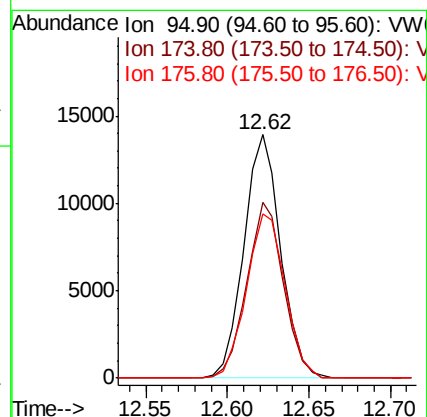
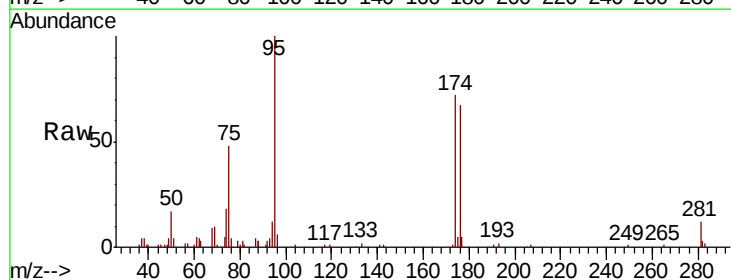
Tgt Ion: 95 Resp: 21771

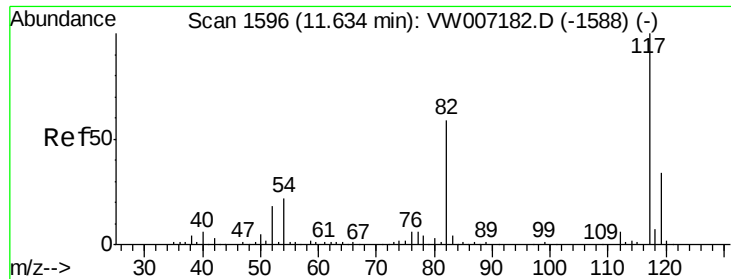
Ion Ratio Lower Upper

95 100

174 72.3 0.0 148.0

176 71.1 0.0 139.4

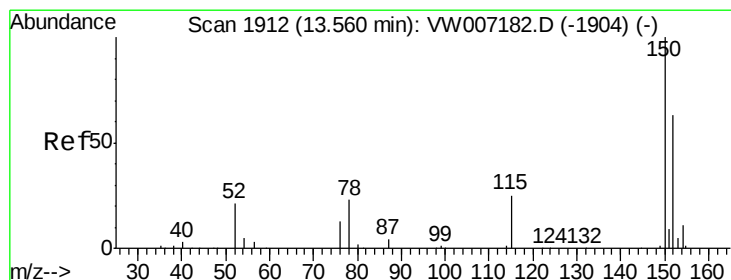
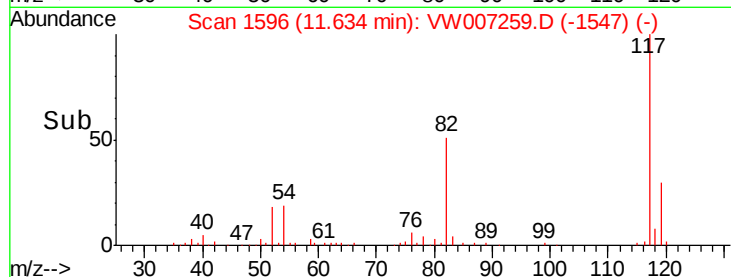
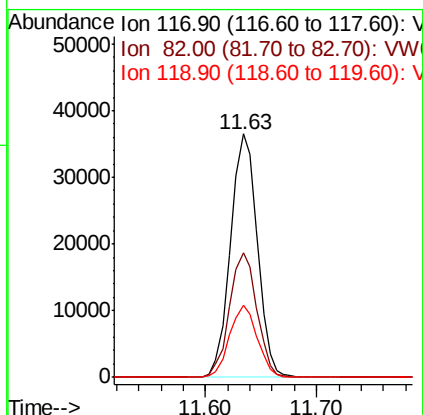
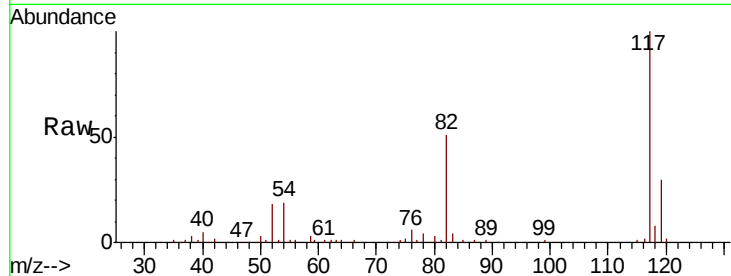




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007259.D
Acq: 06 Dec 2018 05:22

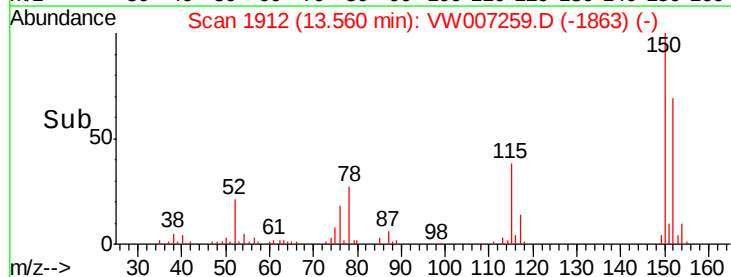
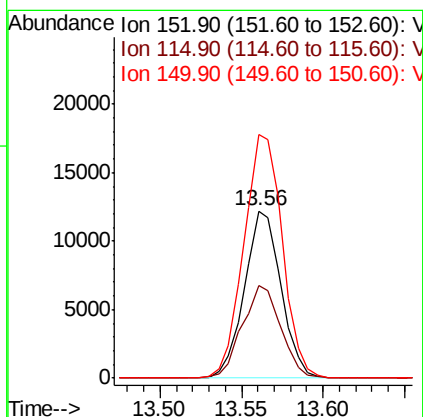
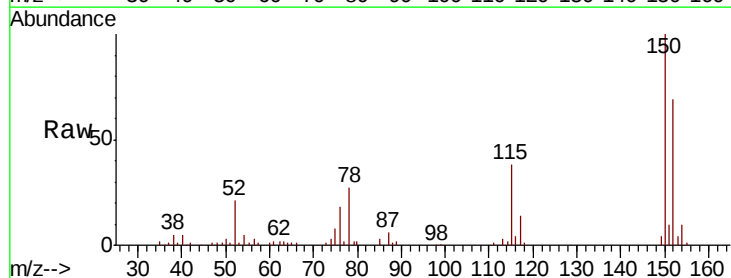
Instrument :
MSVOA_W
ClientSampleId :
BU-03-120418-A

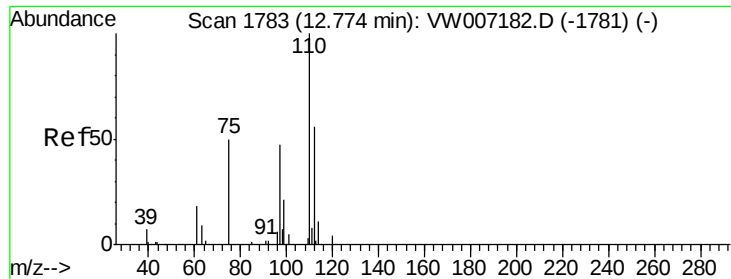
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.2	47.4	71.2
119	29.7	26.8	40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007259.D
Acq: 06 Dec 2018 05:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.0	31.3	93.8
150	153.2	0.0	358.0





#76

1,2,3-Trichloropropane

Concen: 71.808 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007259.D

Acq: 06 Dec 2018 05:22

Instrument :

MSVOA_W

ClientSampleId :

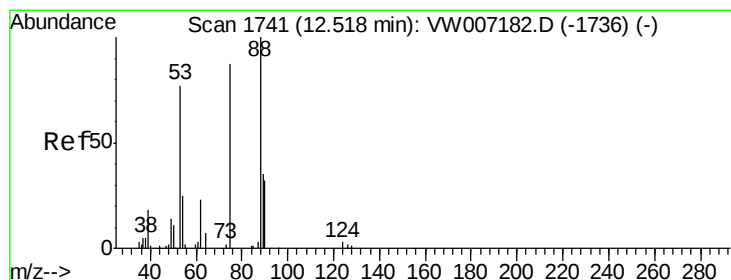
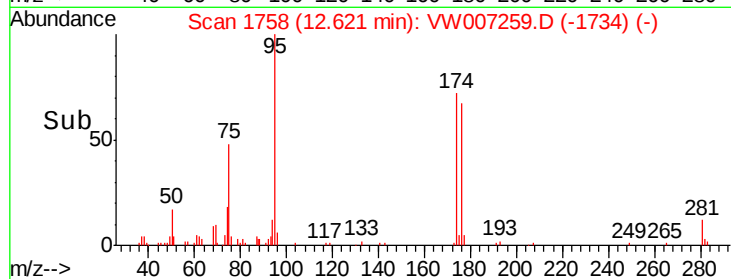
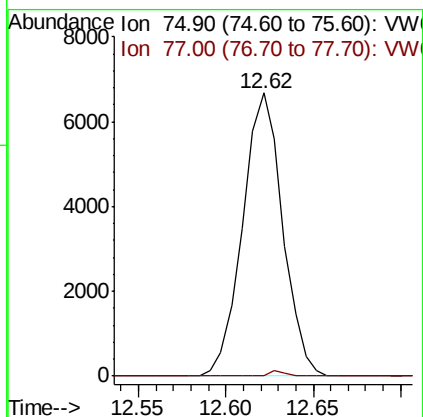
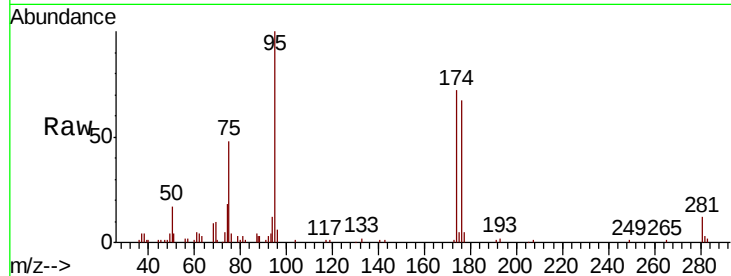
BU-03-120418-A

Tot Ion: 75 Resp: 10621

Ion Ratio Lower Upper

75 100

77 0.7 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 154.772 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007259.D

Acq: 06 Dec 2018 05:22

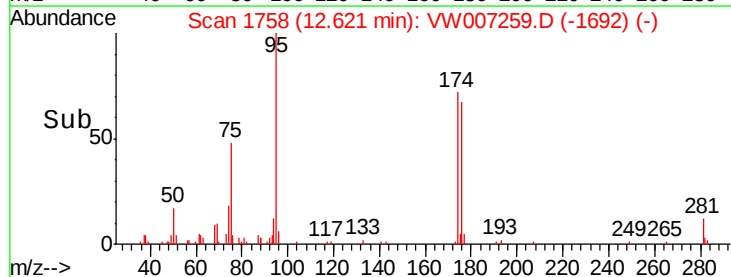
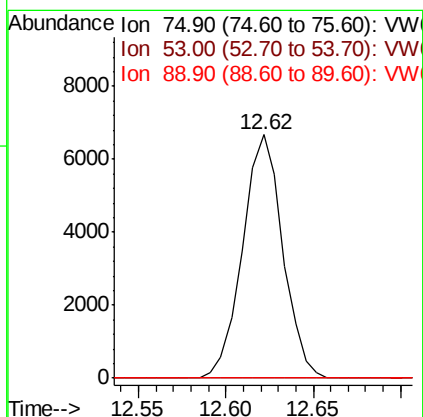
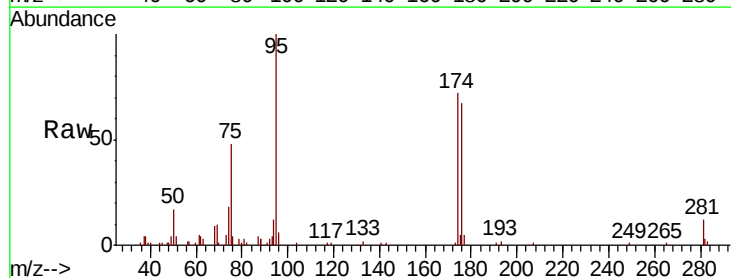
Tgt Ion: 75 Resp: 10621

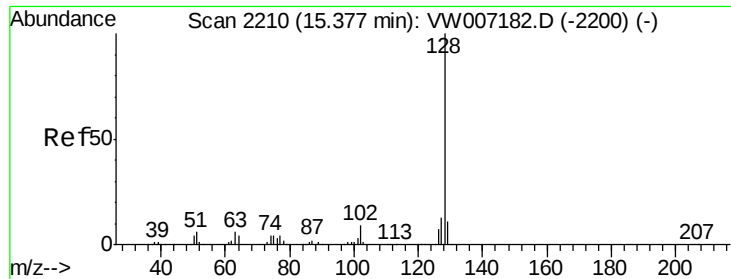
Ion Ratio Lower Upper

75 100

53 0.0 72.8 109.2#

89 0.0 36.4 54.6#

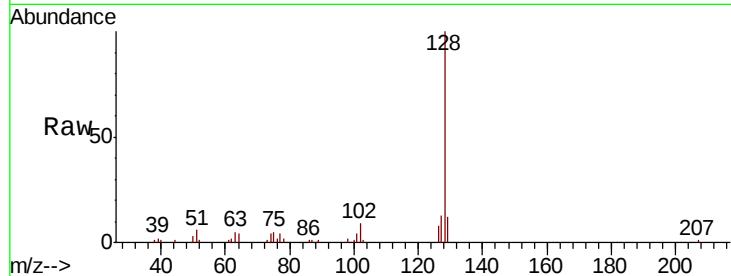




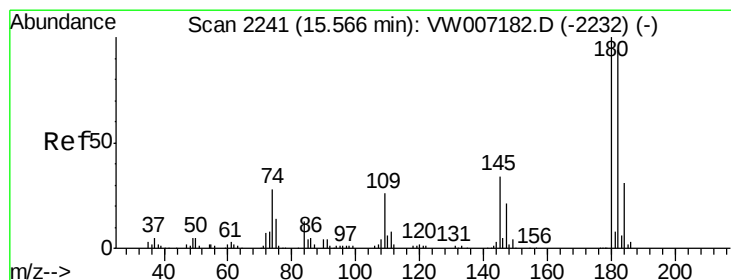
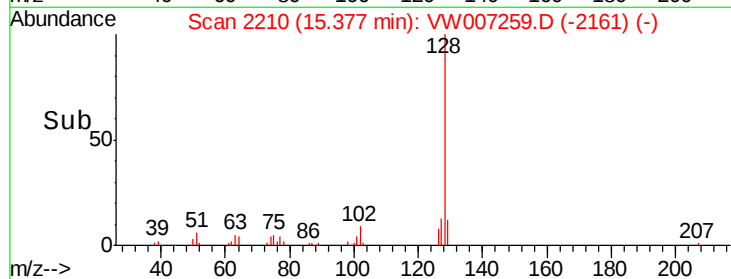
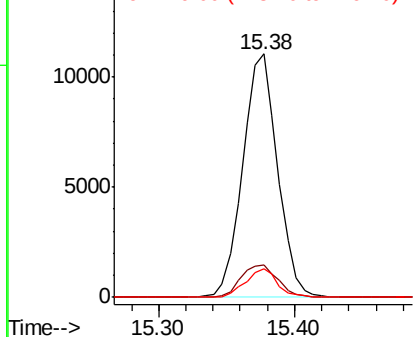
#95
Naphthalene
Concen: 26.641 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007259.D
Acq: 06 Dec 2018 05:22

Instrument :
MSVOA_W
ClientSampleId :
BU-03-120418-A

Tot Ion:128 Resp: 19720
Ion Ratio Lower Upper
128 100
127 14.1 10.3 15.5
129 10.7 8.6 13.0

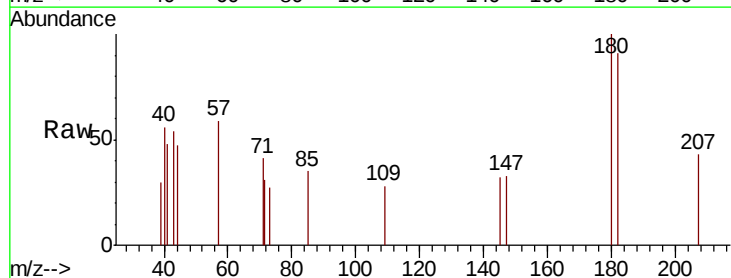


Abundance Ion 128.00 (127.70 to 128.70): V
15000 Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 1.154 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007259.D
Acq: 06 Dec 2018 05:22

Tgt Ion:180 Resp: 402
Ion Ratio Lower Upper
180 100
182 79.4 47.4 142.2
145 20.4 17.6 52.8



Abundance Ion 179.80 (179.50 to 180.50): V
300 Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

