

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101718\
 Data File : VW006128.D
 Acq On : 17 Oct 2018 16:02
 Operator : VA/AP
 Sample : J5526-19RE
 Misc : 6.95G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-4A-G-101518-4

Quant Time: Oct 18 10:42:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	301580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	425734	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	349350	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	141161	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	109785	43.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.82%	
35) Dibromofluoromethane	7.89	113	110570	43.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.90%	
50) Toluene-d8	10.33	98	392499	41.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.02%	
62) 4-Bromofluorobenzene	12.62	95	121629	33.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.68%	

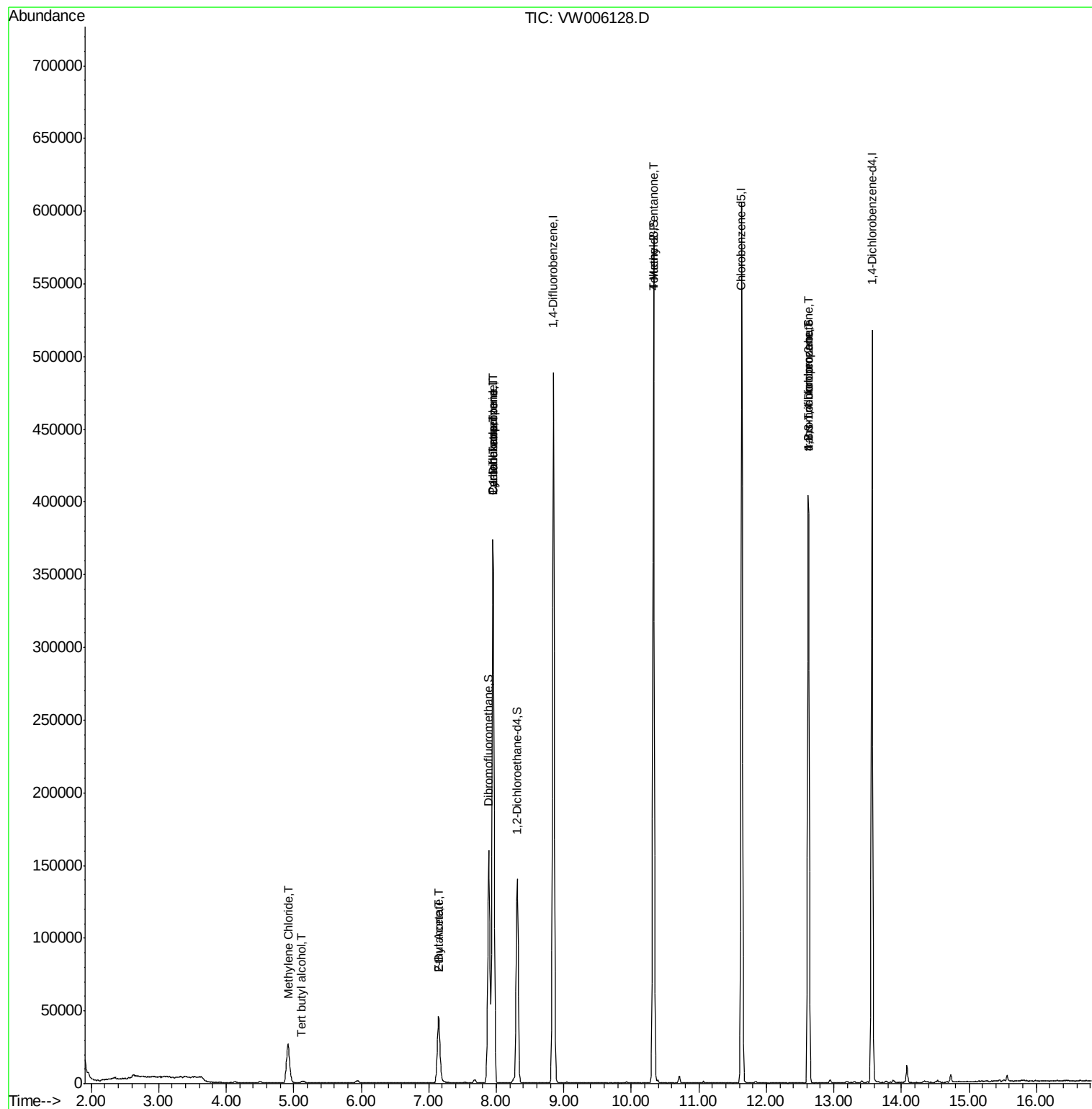
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.11	59	416	2.47	ug/l #	71
16) Acetone	4.13	43	1144	Below Cal	#	87
20) Methylene Chloride	4.92	84	22203	6.99	ug/l	88
25) 2-Butanone	7.15	43	2544	3.77	ug/l #	46
31) Cyclohexane	7.95	56	5613	1.23	ug/l #	19
36) 1,1-Dichloropropene	7.95	75	19829	5.05	ug/l #	48
37) Ethyl Acetate	7.15	43	2544	1.74	ug/l #	1
38) Carbon Tetrachloride	7.95	117	27079	6.29	ug/l #	17
51) 4-Methyl-2-Pentanone	10.32	43	1833	1.23	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	62716	58.17	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	62716	139.04	ug/l #	10

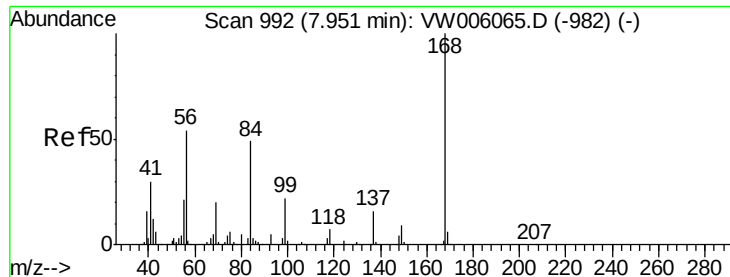
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101718\
Data File : VW006128.D
Acq On : 17 Oct 2018 16:02
Operator : VA/AP
Sample : J5526-19RE
Misc : 6.95G/5ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SUP-4A-G-101518-4

Quant Time: Oct 18 10:42:33 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 16 05:36:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006128.D

Acq: 17 Oct 2018 16:02

Instrument :

MSVOA_W

ClientSampleId :

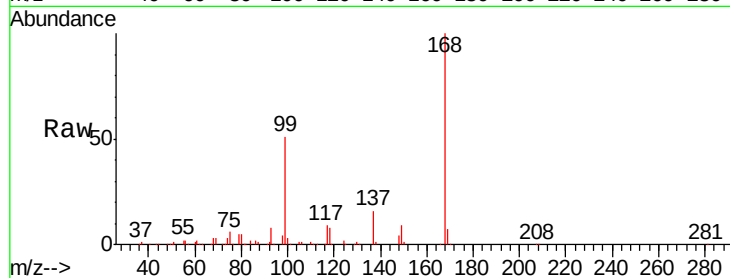
SUP-4A-G-101518-4

Tgt Ion:168 Resp: 301580

Ion Ratio Lower Upper

168 100

99 50.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

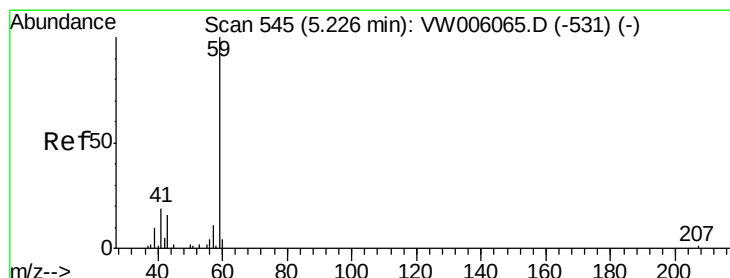
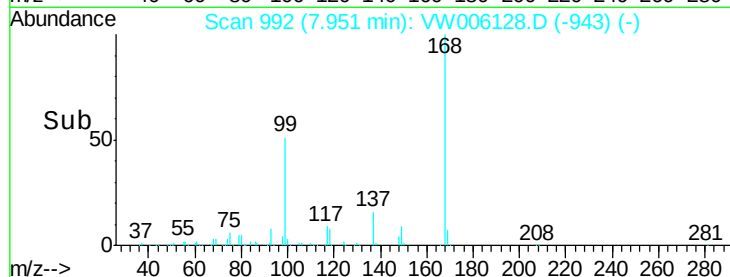
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 2.47 ug/l

RT: 5.11 min Scan# 526

Delta R.T. -0.12 min

Lab File: VW006128.D

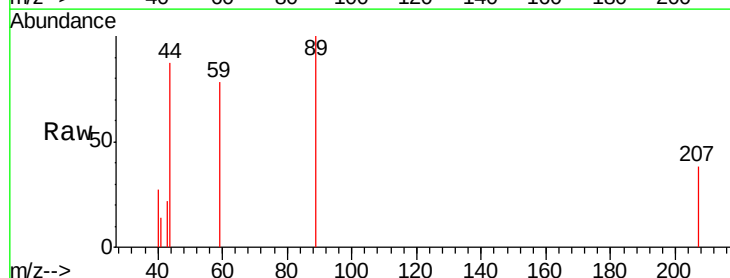
Acq: 17 Oct 2018 16:02

Tgt Ion: 59 Resp: 416

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

400

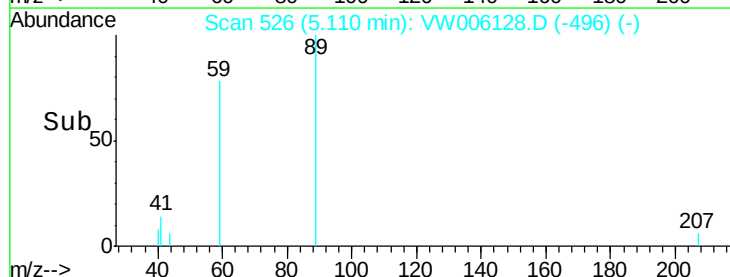
300

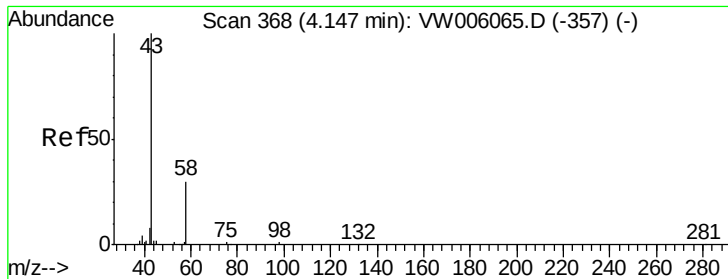
200

100

0

Time--> 5.06 5.08 5.10 5.12





#16

Acetone

Concen: Below Cal

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

Lab File: VW006128.D

Acq: 17 Oct 2018 16:02

Instrument :

MSVOA_W

ClientSampleId :

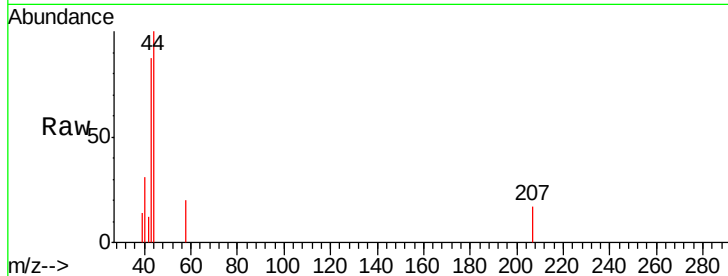
SUP-4A-G-101518-4

Tgt Ion: 43 Resp: 1144

Ion Ratio Lower Upper

43 100

58 22.7 24.0 36.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

400

300

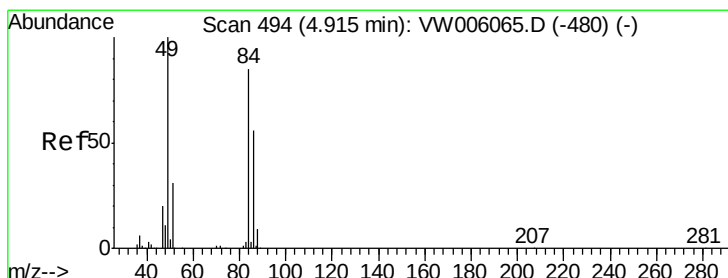
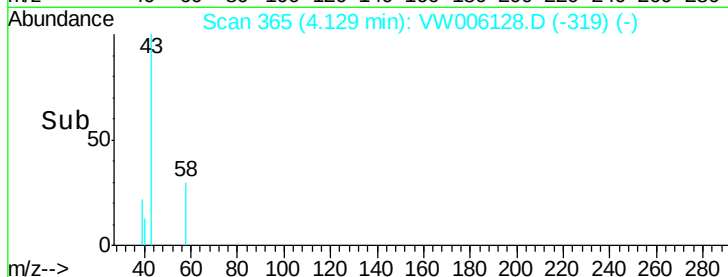
200

100

0

4.05 4.10 4.15 4.20

Time-->



#20

Methylene Chloride

Concen: 6.99 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW006128.D

Acq: 17 Oct 2018 16:02

Tgt Ion: 84 Resp: 22203

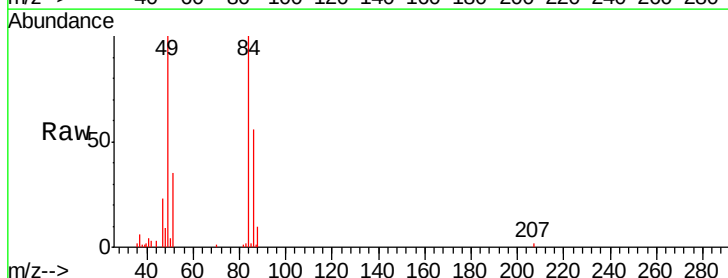
Ion Ratio Lower Upper

84 100

49 99.5 93.6 140.4

51 34.8 29.0 43.4

86 56.3 52.6 79.0



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

12000

10000

8000

6000

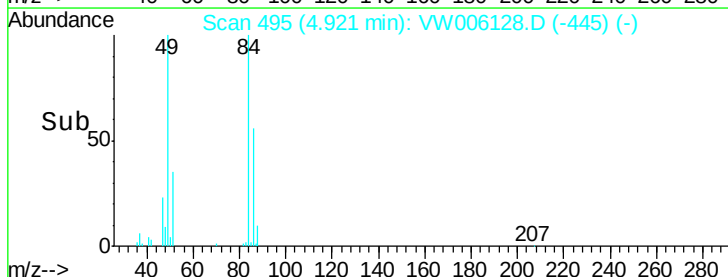
4000

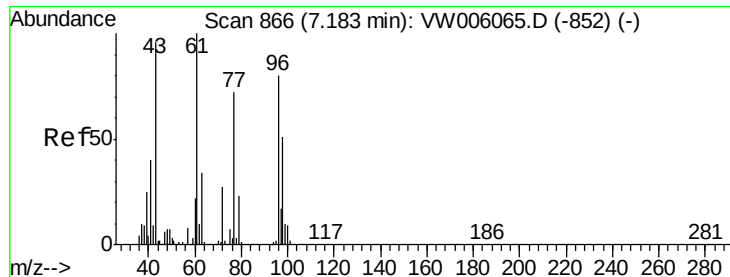
2000

0

4.80 4.90 5.00

Time-->





#25

2-Butanone

Concen: 3.77 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.04 min

Lab File: VW006128.D

Acq: 17 Oct 2018 16:02

Instrument :

MSVOA_W

ClientSampleId :

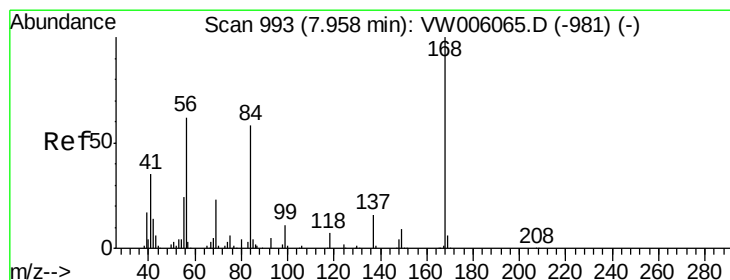
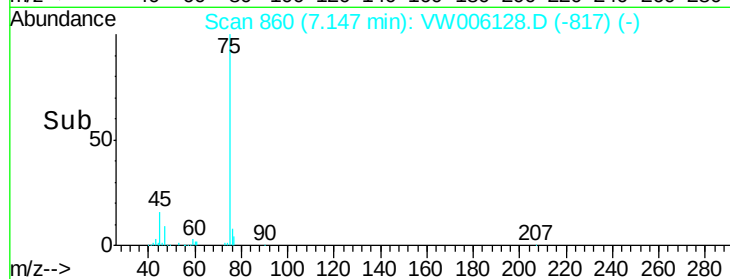
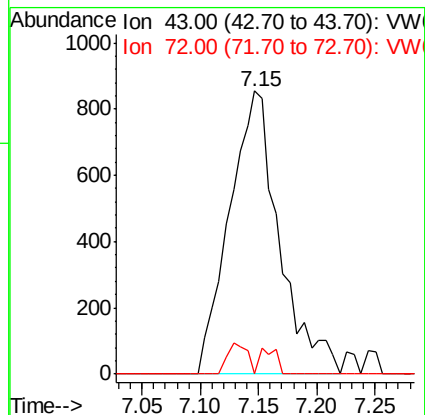
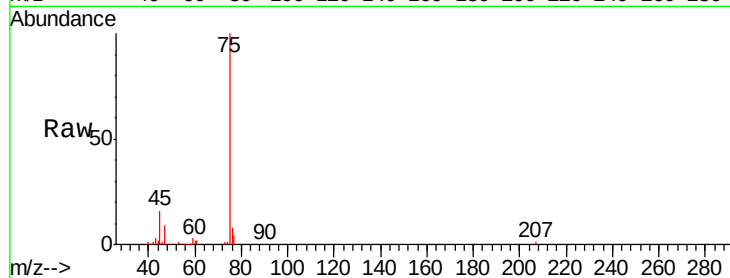
SUP-4A-G-101518-4

Tgt Ion: 43 Resp: 2544

Ion Ratio Lower Upper

43 100

72 0.0 22.8 34.2#



#31

Cyclohexane

Concen: 1.23 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006128.D

Acq: 17 Oct 2018 16:02

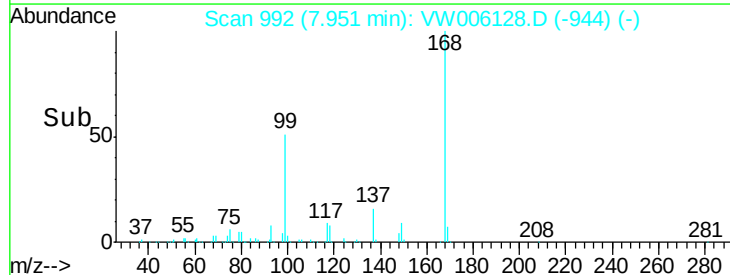
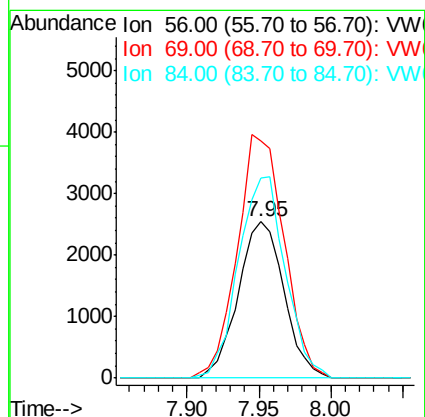
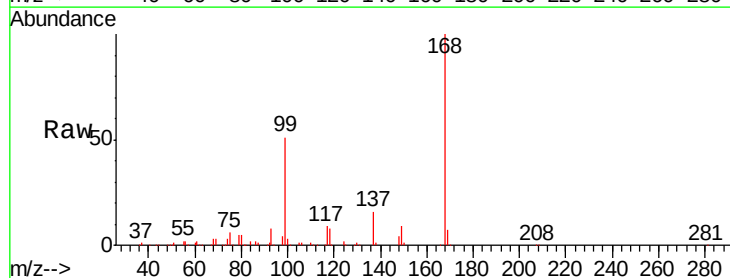
Tgt Ion: 56 Resp: 5613

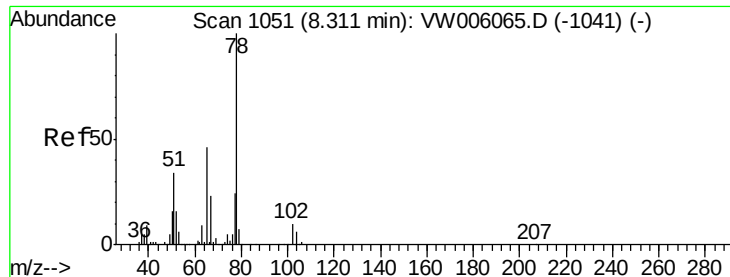
Ion Ratio Lower Upper

56 100

69 151.4 29.4 44.0#

84 127.9 74.0 111.0#

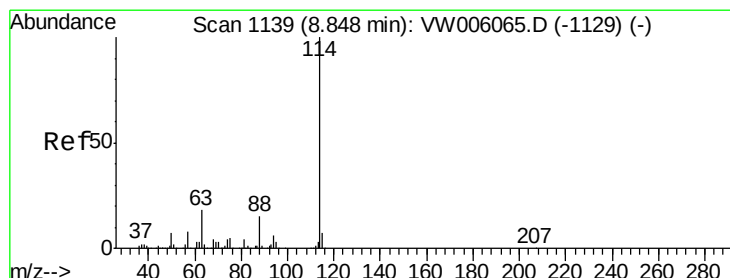
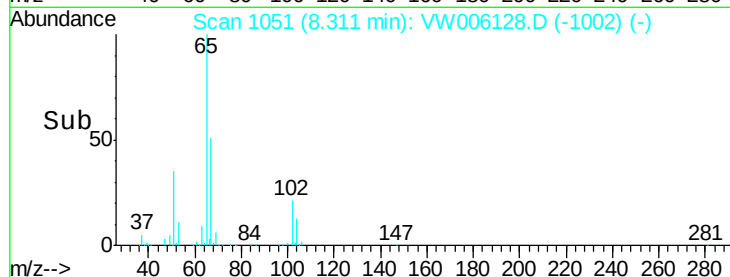
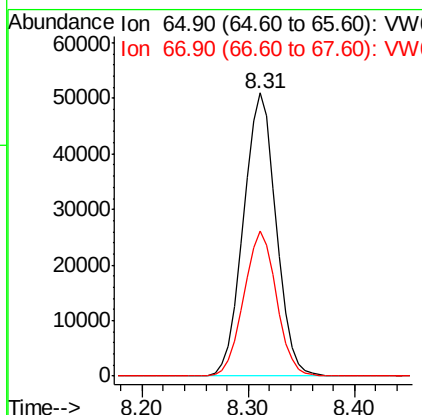
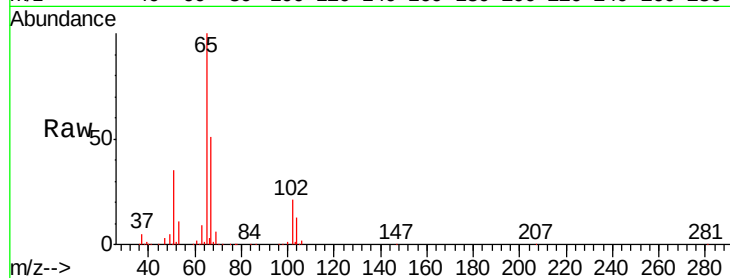




#33
 1,2-Dichloroethane-d4
 Concen: 43.91 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006128.D
 Acq: 17 Oct 2018 16:02

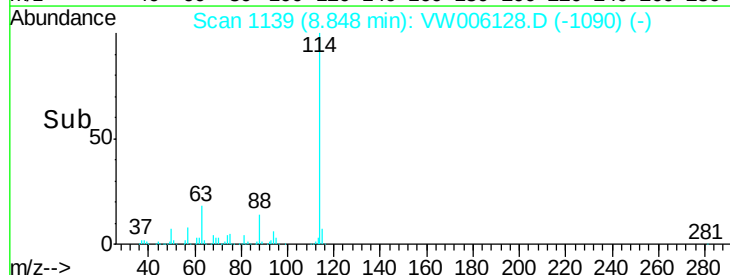
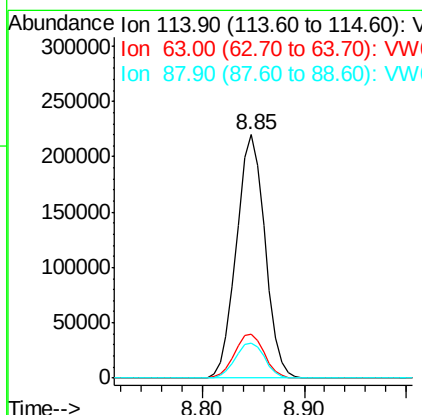
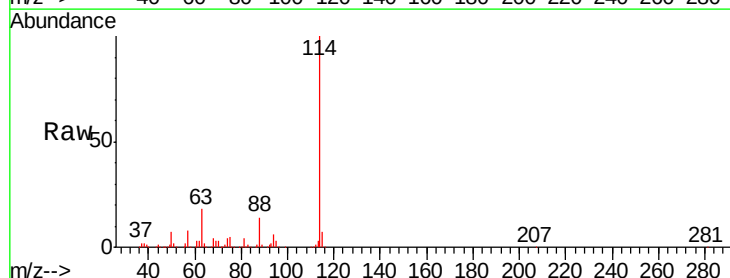
Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-4A-G-101518-4

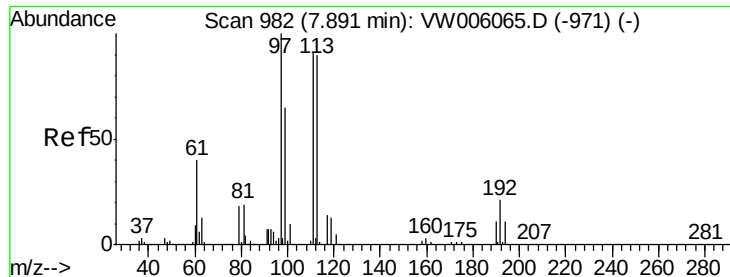
Tgt Ion: 65 Resp: 109785
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006128.D
 Acq: 17 Oct 2018 16:02

Tgt Ion: 114 Resp: 425734
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 36.8
 88 14.5 0.0 29.0





#35

Dibromofluoromethane

Concen: 43.95 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW006128.D

Acq: 17 Oct 2018 16:02

Instrument :

MSVOA_W

ClientSampleId :

SUP-4A-G-101518-4

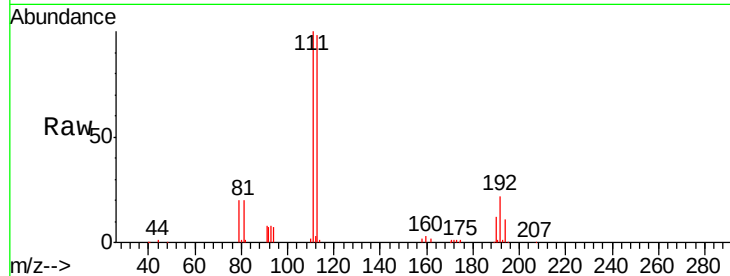
Tgt Ion:113 Resp: 110570

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

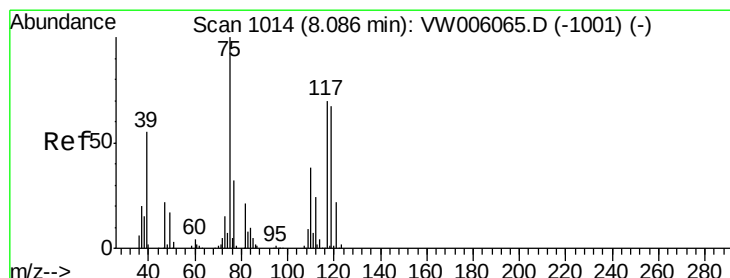
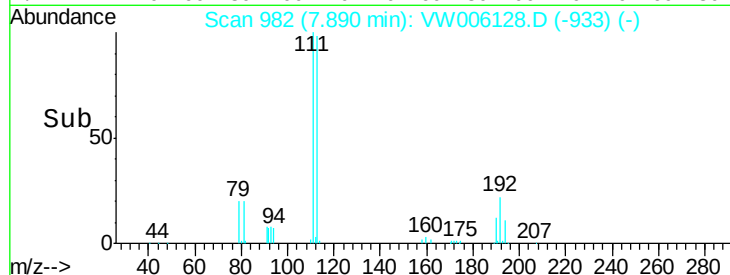
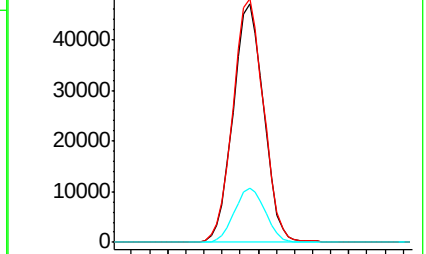
192 22.9 18.7 28.1



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: 5.05 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006128.D

Acq: 17 Oct 2018 16:02

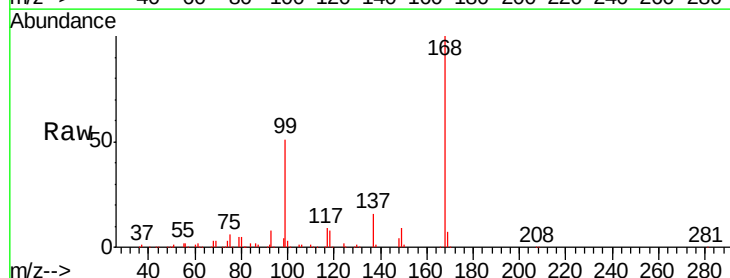
Tgt Ion: 75 Resp: 19829

Ion Ratio Lower Upper

75 100

110 9.0 19.1 57.1#

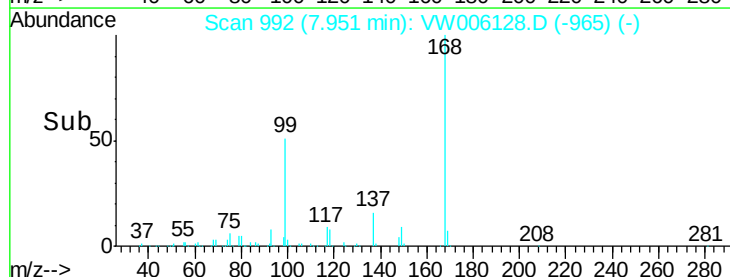
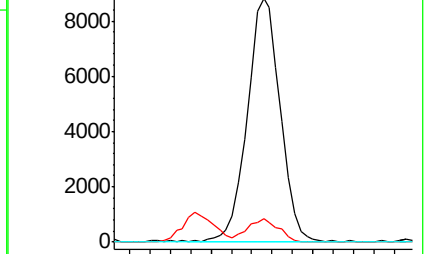
77 0.0 25.0 37.4#

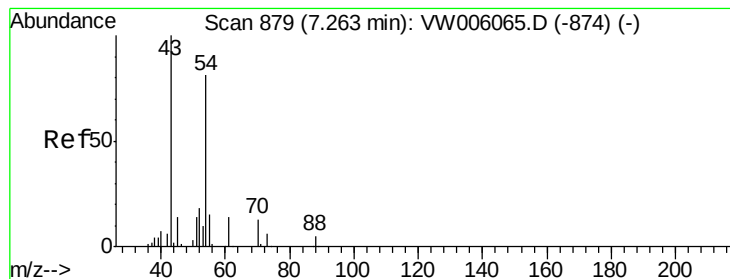


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 1.74 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.12 min

Lab File: VW006128.D

Acq: 17 Oct 2018 16:02

Instrument :

MSVOA_W

ClientSampleId :

SUP-4A-G-101518-4

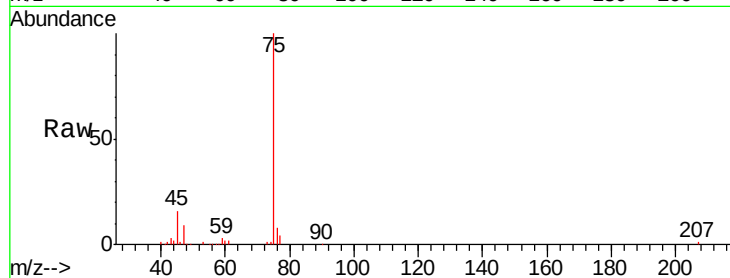
Tgt Ion: 43 Resp: 2544

Ion Ratio Lower Upper

43 100

61 79.3 11.5 17.3#

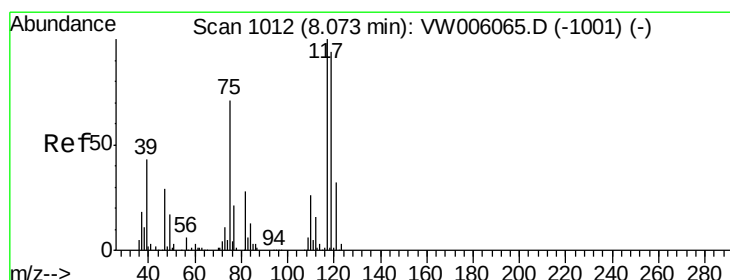
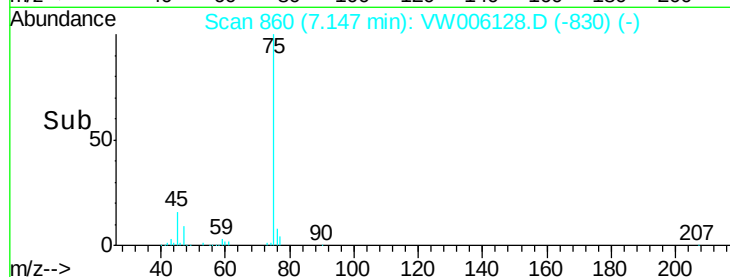
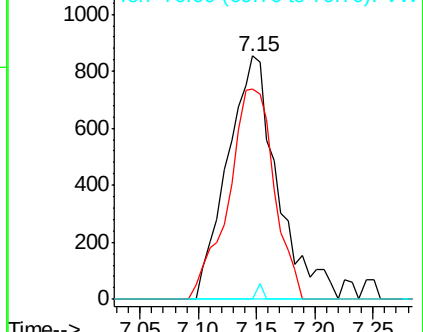
70 0.8 9.2 13.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 6.29 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006128.D

Acq: 17 Oct 2018 16:02

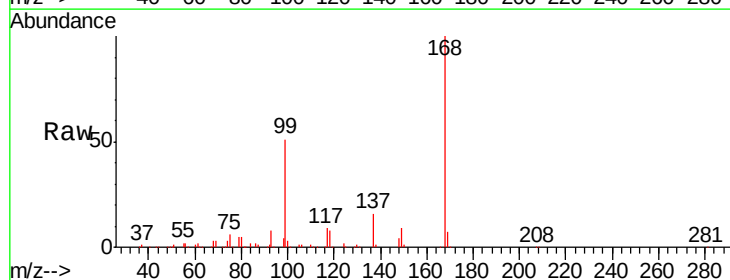
Tgt Ion: 117 Resp: 27079

Ion Ratio Lower Upper

117 100

119 5.3 75.2 112.8#

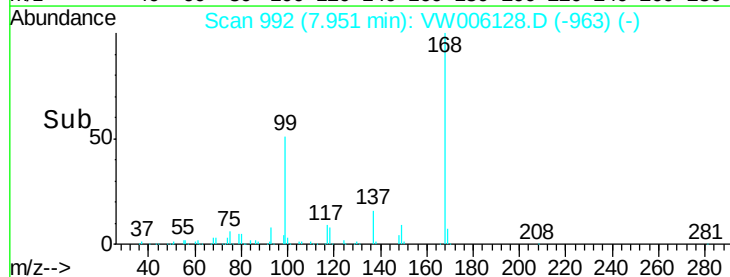
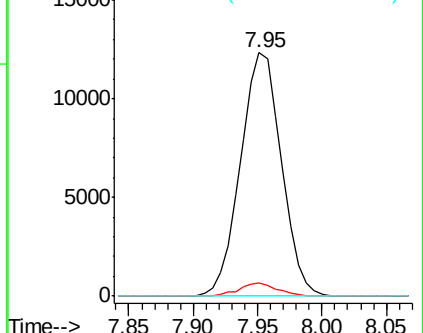
121 0.0 25.3 37.9#

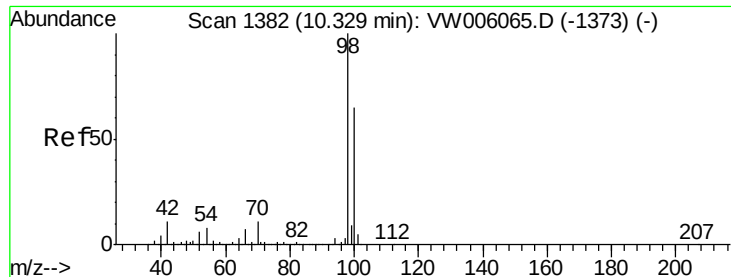


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 41.01 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006128.D

Acq: 17 Oct 2018 16:02

Instrument :

MSVOA_W

ClientSampleId :

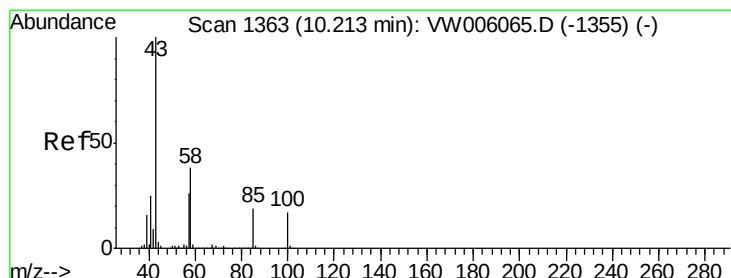
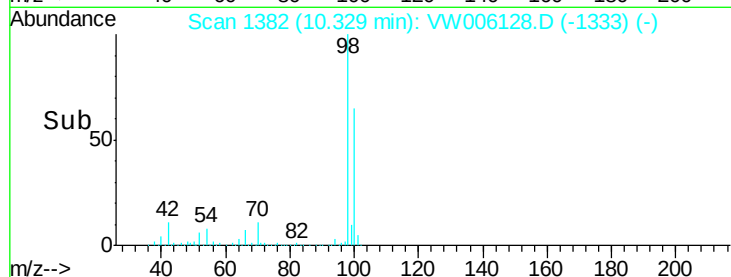
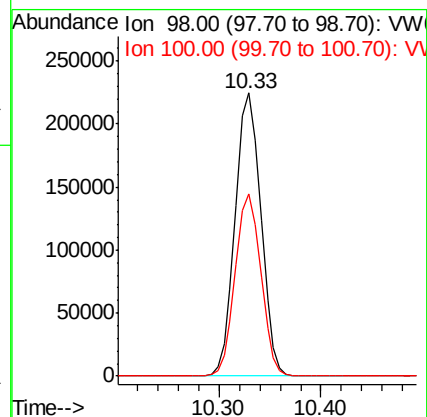
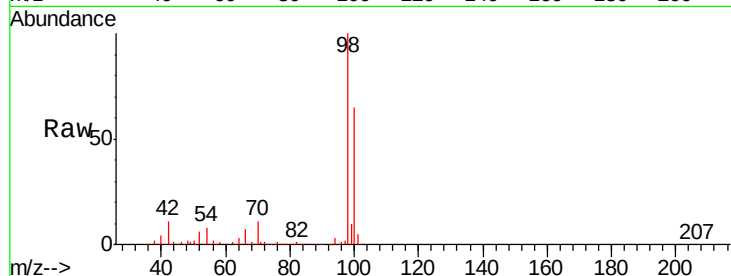
SUP-4A-G-101518-4

Tgt Ion: 98 Resp: 392499

Ion Ratio Lower Upper

98 100

100 64.1 51.6 77.4



#51

4-Methyl-2-Pentanone

Concen: 1.23 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW006128.D

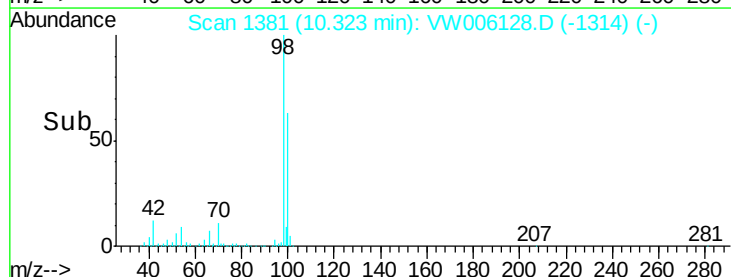
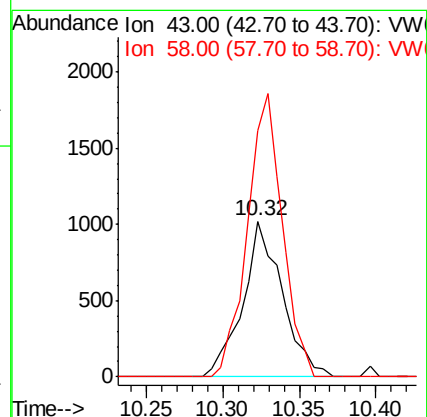
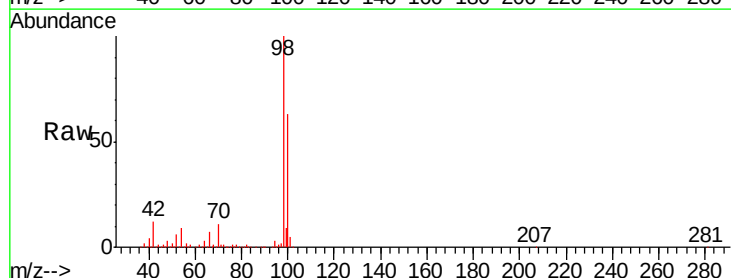
Acq: 17 Oct 2018 16:02

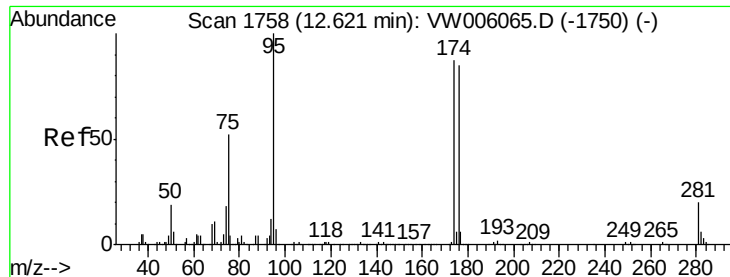
Tgt Ion: 43 Resp: 1833

Ion Ratio Lower Upper

43 100

58 160.9 31.5 47.3#





#62

4-Bromofluorobenzene

Concen: 33.84 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006128.D

Acq: 17 Oct 2018 16:02

Instrument :

MSVOA_W

ClientSampleId :

SUP-4A-G-101518-4

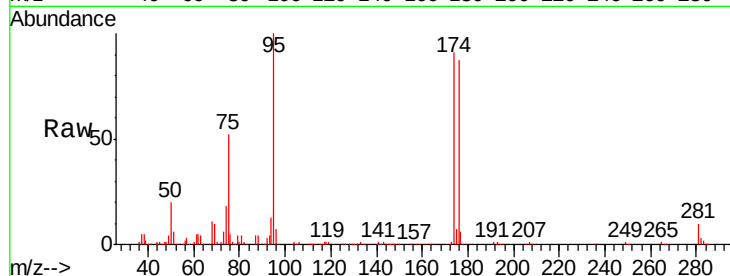
Tgt Ion: 95 Resp: 121629

Ion Ratio Lower Upper

95 100

174 95.3 0.0 186.0

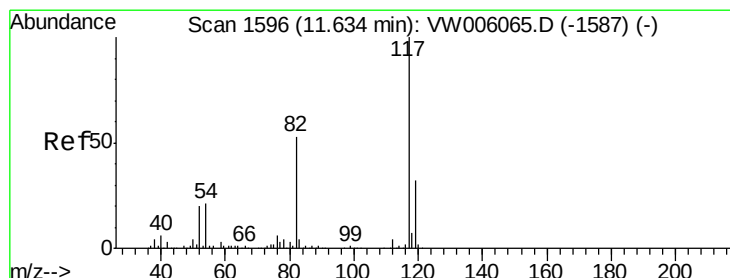
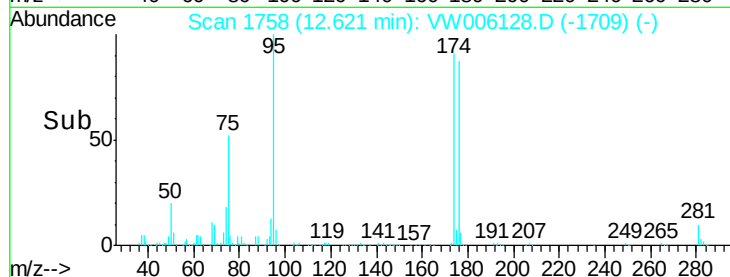
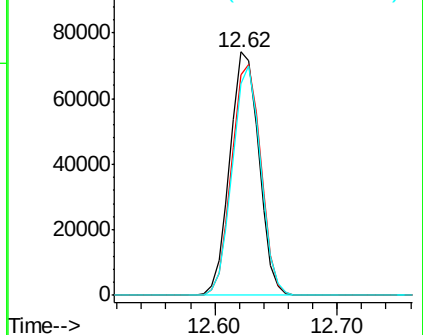
176 92.0 0.0 181.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. 0.01 min

Lab File: VW006128.D

Acq: 17 Oct 2018 16:02

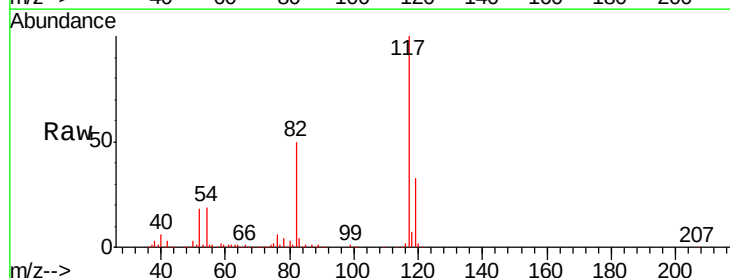
Tgt Ion: 117 Resp: 349350

Ion Ratio Lower Upper

117 100

82 50.3 42.1 63.1

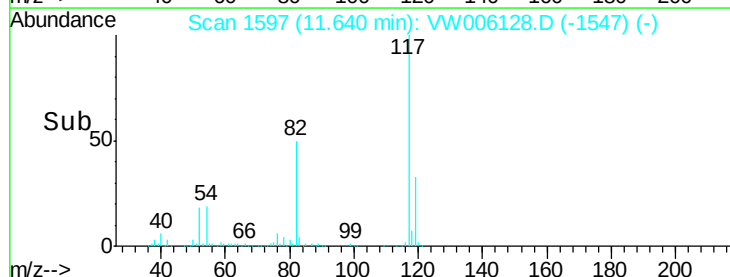
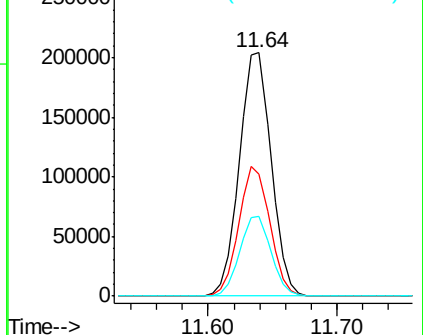
119 33.0 25.8 38.6

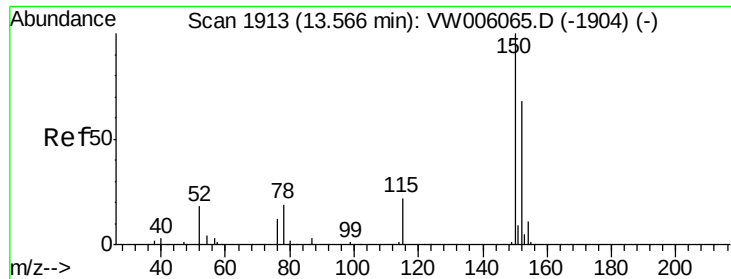


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006128.D

Acq: 17 Oct 2018 16:02

Instrument :

MSVOA_W

ClientSampleId :

SUP-4A-G-101518-4

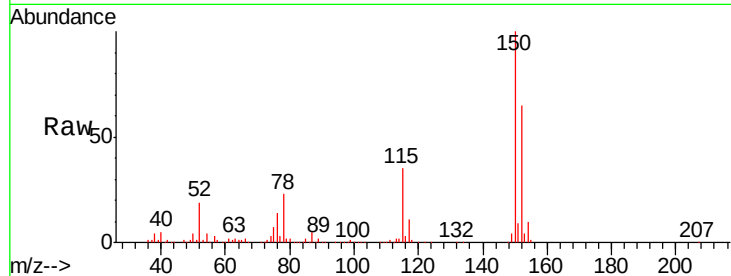
Tgt Ion:152 Resp: 141161

Ion Ratio Lower Upper

152 100

115 54.9 27.8 83.3

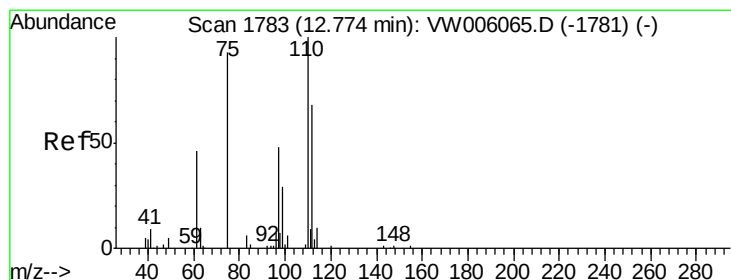
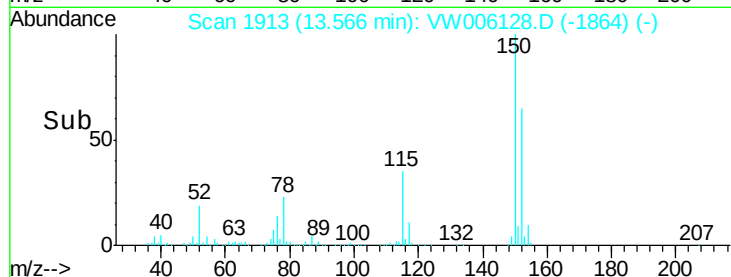
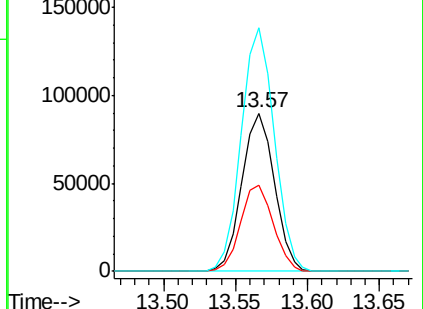
150 156.0 0.0 349.2



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: 58.17 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006128.D

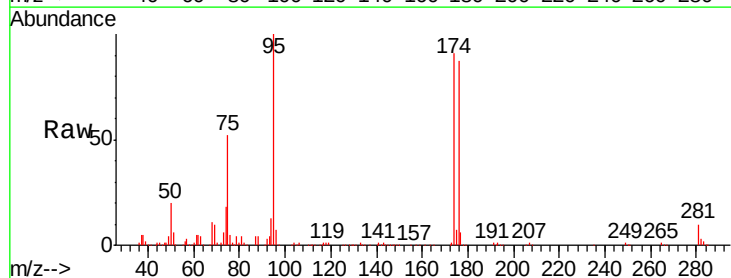
Acq: 17 Oct 2018 16:02

Tgt Ion: 75 Resp: 62716

Ion Ratio Lower Upper

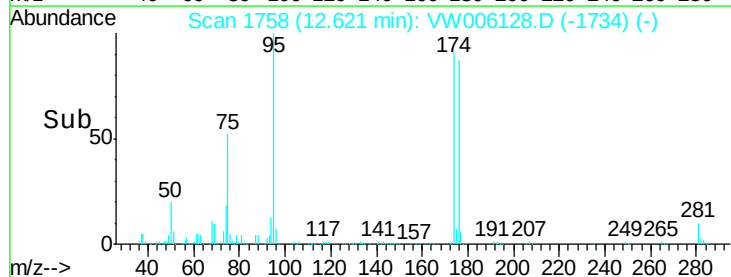
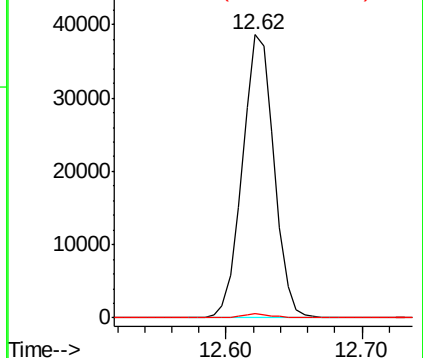
75 100

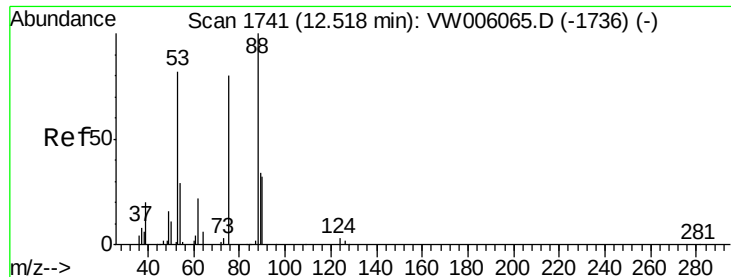
77 1.2 0.0 0.0#



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: 139.04 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006128.D

Acq: 17 Oct 2018 16:02

Instrument :

MSVOA_W

ClientSampleId :

SUP-4A-G-101518-4

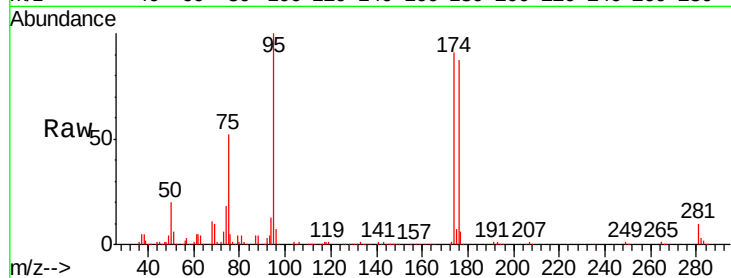
Tgt Ion: 75 Resp: 62716

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 37.5 56.3#



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

