

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091718\
 Data File : VW005429.D
 Acq On : 17 Sep 2018 13:22
 Operator : SY/AP
 Sample : J4906-21
 Misc : 6.11G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-PIT-10

Quant Time: Sep 18 01:02:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	235805	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	354332	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	341060	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	156929	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	116144	47.45	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.90%	
35) Dibromofluoromethane	7.89	113	94174	47.40	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.80%	
50) Toluene-d8	10.33	98	397696	43.71	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	87.42%	
62) 4-Bromofluorobenzene	12.63	95	139326	41.76	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	83.52%	

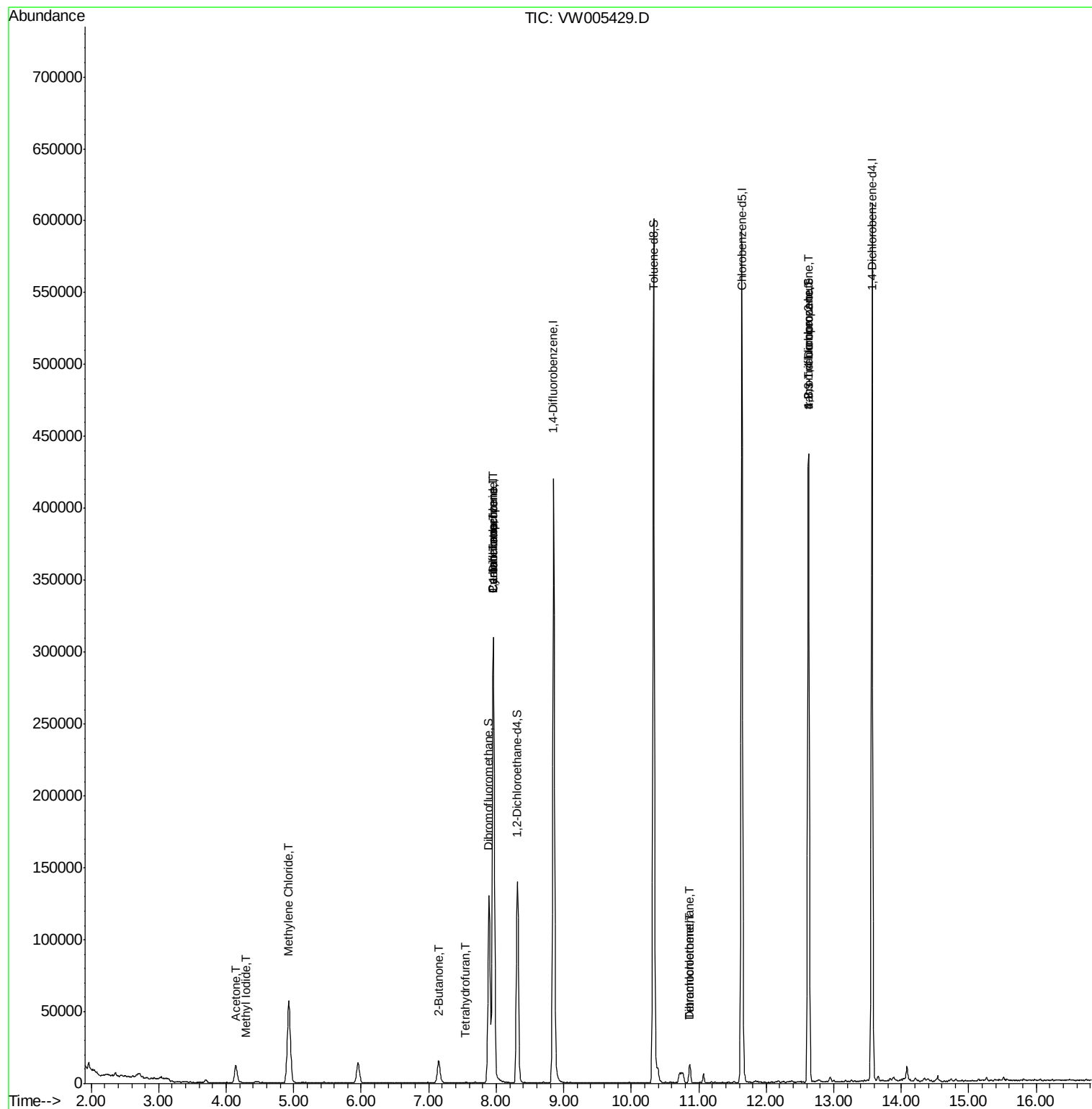
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	174	Below Cal	#	42
5) Bromomethane	2.78	94	389	Below Cal	#	45
10) Methyl Iodide	4.29	142	189	4.119	ug/l #	38
11) Tert butyl alcohol	5.17	59	186	Below Cal	#	71
13) Acrolein	4.03	56	22	Below Cal	#	12
16) Acetone	4.14	43	22861	50.575	ug/l	98
20) Methylene Chloride	4.93	84	43682	13.837	ug/l	96
25) 2-Butanone	7.14	43	1187	2.016	ug/l #	49
29) Tetrahydrofuran	7.55	42	500	1.333	ug/l #	56
31) Cyclohexane	7.96	56	5078	1.300	ug/l #	6
36) 1,1-Dichloropropene	7.96	75	18444	5.500	ug/l #	52
38) Carbon Tetrachloride	7.96	117	23403	6.697	ug/l #	18
60) Dibromochloromethane	10.87	129	2524	1.236	ug/l #	11
64) Tetrachloroethene	10.87	164	2960	1.174	ug/l	93
76) 1,2,3-Trichloropropane	12.62	75	73978	57.316	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	73978	148.681	ug/l #	8

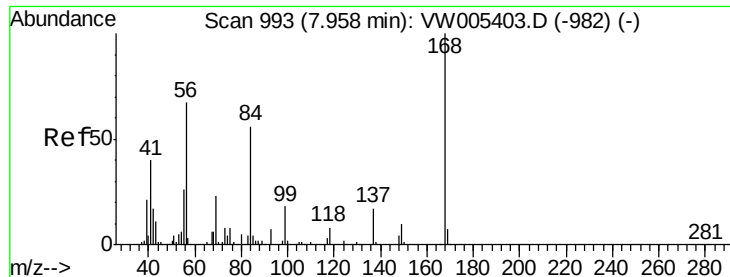
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW091718\
Data File : VW005429.D
Acq On : 17 Sep 2018 13:22
Operator : SY/AP
Sample : J4906-21
Misc : 6.11G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SP-PIT-10

Quant Time: Sep 18 01:02:20 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005429.D

Acq: 17 Sep 2018 13:22

Instrument :

MSVOA_W

ClientSampleId :

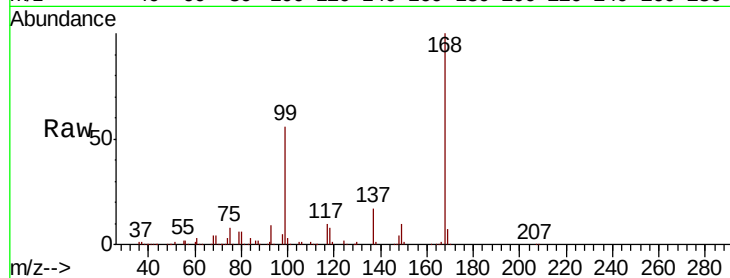
SP-PIT-10

Tgt Ion:168 Resp: 235805

Ion Ratio Lower Upper

168 100

99 55.7 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

120000

100000

80000

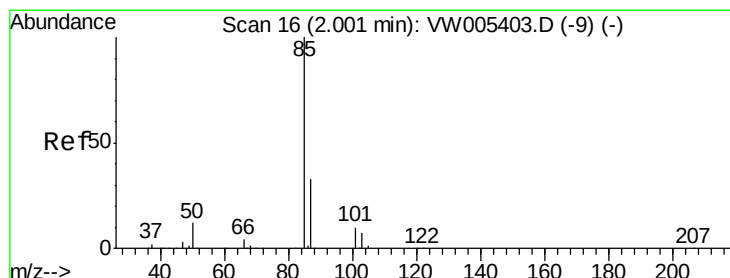
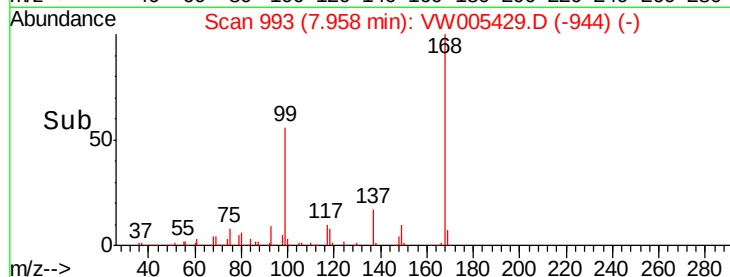
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10 8.20



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW005429.D

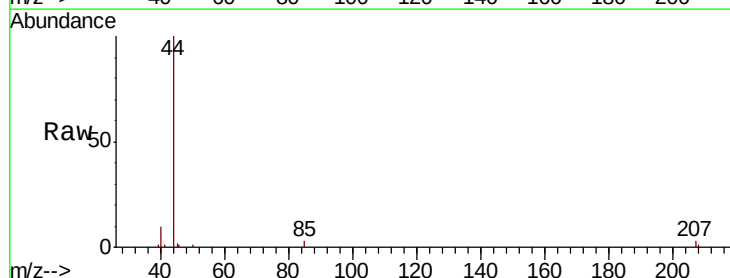
Acq: 17 Sep 2018 13:22

Tgt Ion: 85 Resp: 174

Ion Ratio Lower Upper

85 100

87 0.0 16.4 49.1#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

250

200

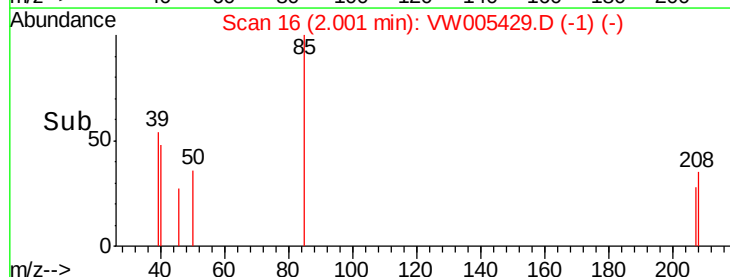
150

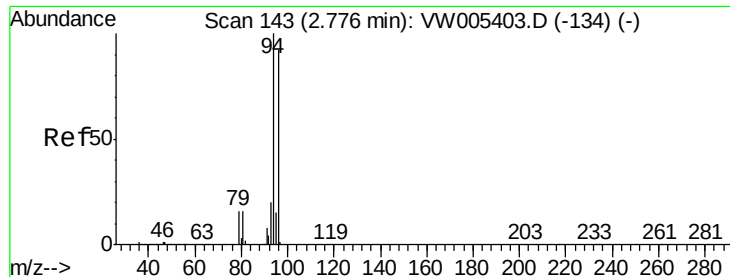
100

50

0

Time--> 1.98 2.00 2.02





#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW005429.D

Acq: 17 Sep 2018 13:22

Instrument :

MSVOA_W

ClientSampleId :

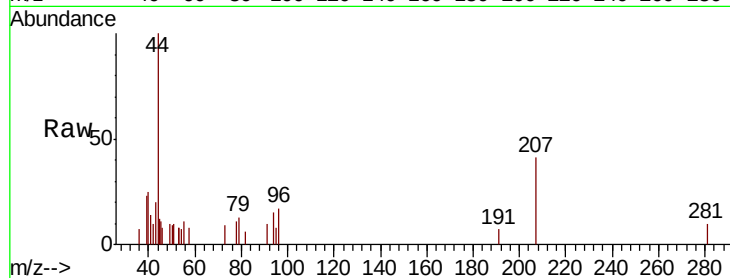
SP-PIT-10

Tgt Ion: 94 Resp: 389

Ion Ratio Lower Upper

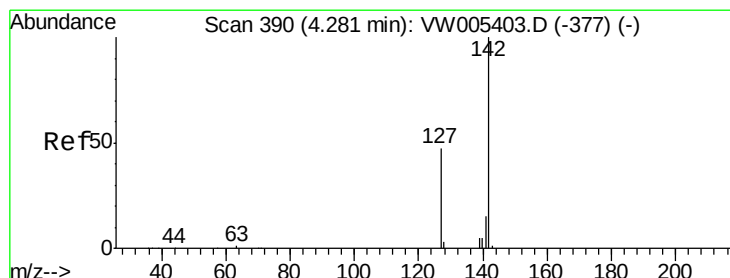
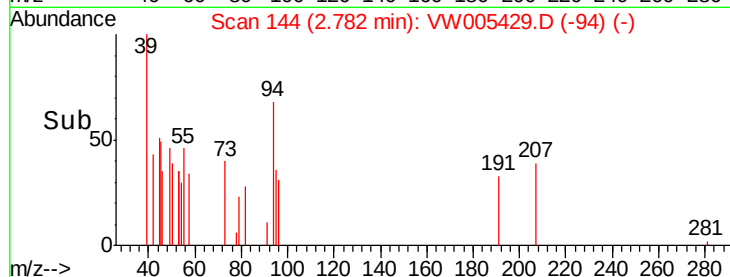
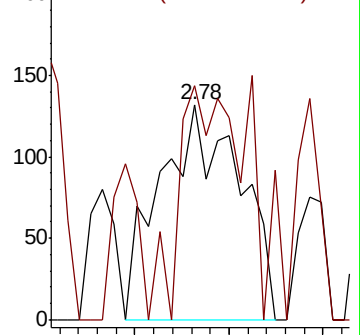
94 100

96 39.4 73.7 110.5#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#10

Methyl Iodide

Concen: 4.119 ug/l

RT: 4.29 min Scan# 391

Delta R.T. 0.01 min

Lab File: VW005429.D

Acq: 17 Sep 2018 13:22

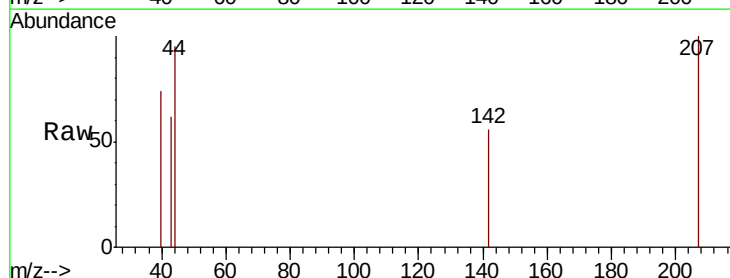
Tgt Ion: 142 Resp: 189

Ion Ratio Lower Upper

142 100

127 0.0 37.5 56.3#

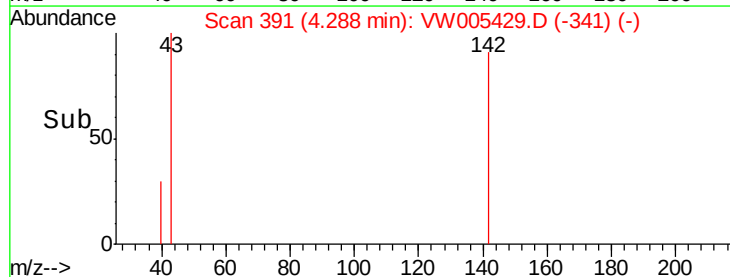
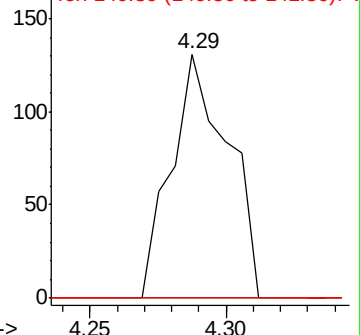
141 0.0 12.4 18.6#

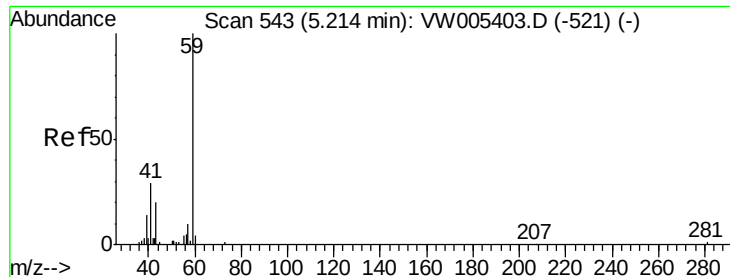


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

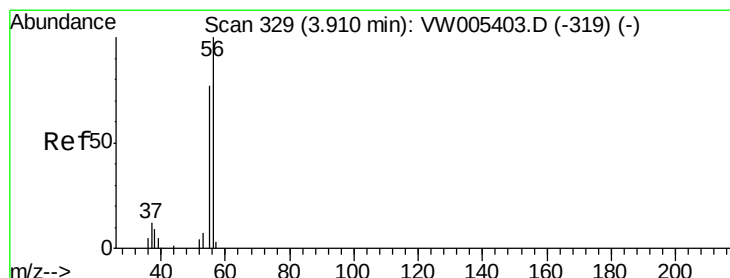
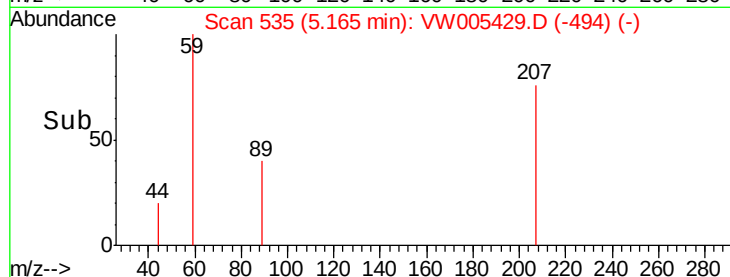
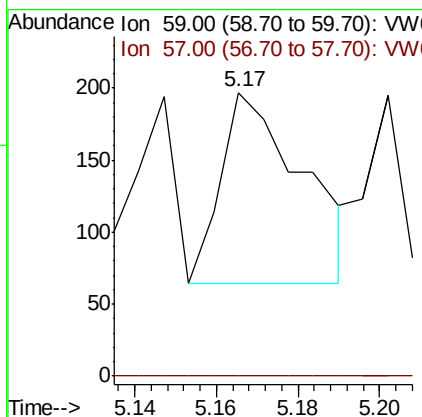
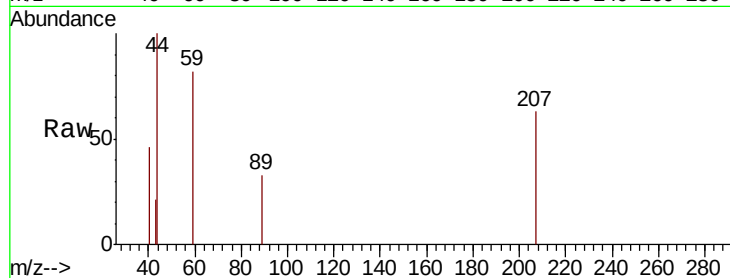




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.17 min Scan# 535
Delta R.T. -0.05 min
Lab File: VW005429.D
Acq: 17 Sep 2018 13:22

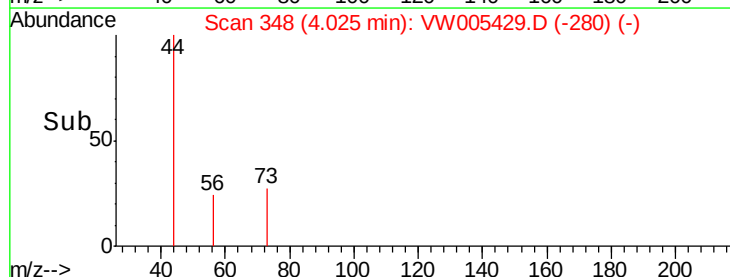
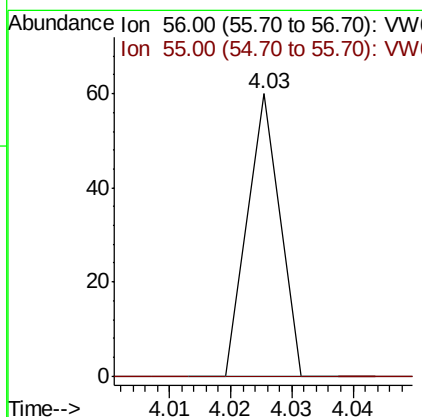
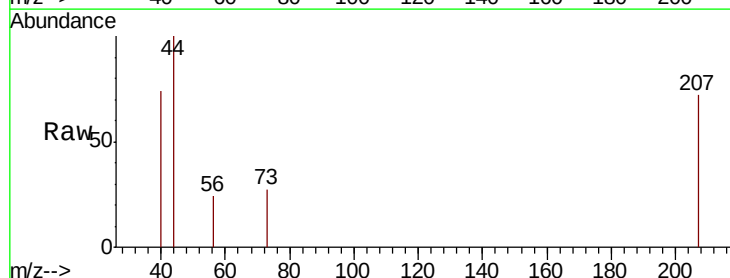
Instrument :
MSVOA_W
ClientSampled :
SP-PIT-10

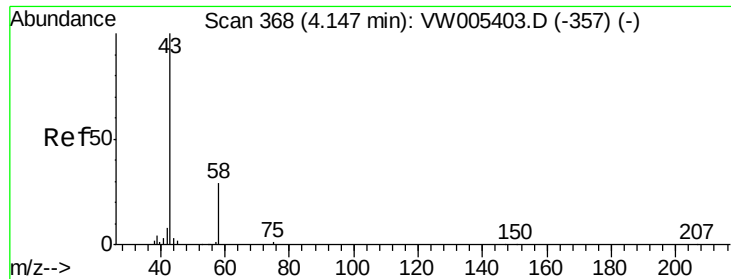
Tgt Ion: 59 Resp: 186
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#



#13
Acrolein
Concen: Below Cal
RT: 4.03 min Scan# 348
Delta R.T. 0.12 min
Lab File: VW005429.D
Acq: 17 Sep 2018 13:22

Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 0.0 59.8 89.8#

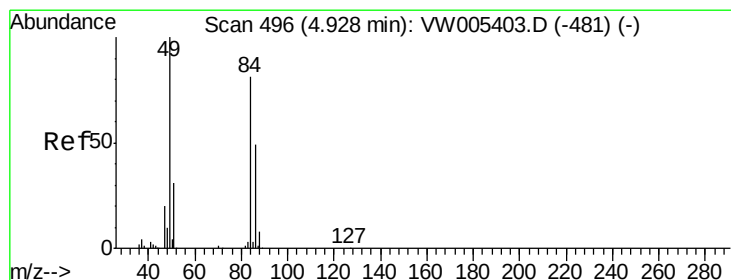
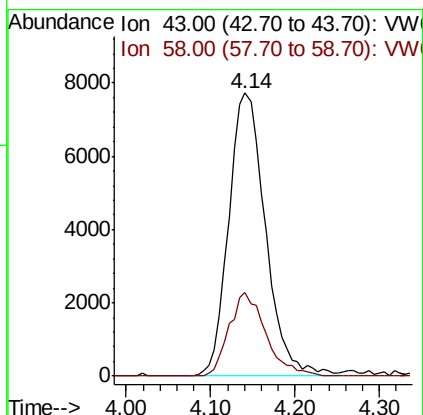
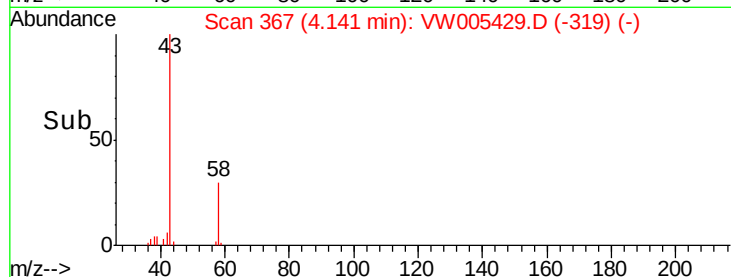
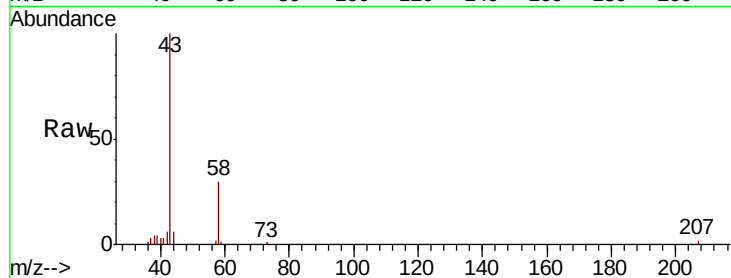




#16
Acetone
Concen: 50.575 ug/l
RT: 4.14 min Scan# 367
Delta R.T. -0.01 min
Lab File: VW005429.D
Acq: 17 Sep 2018 13:22

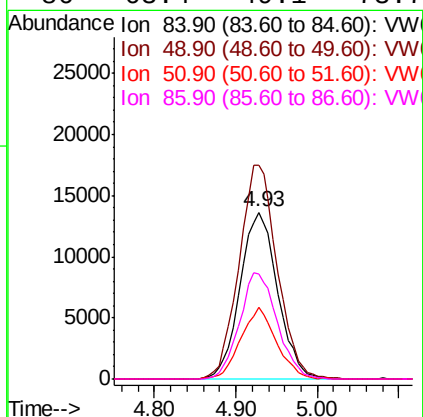
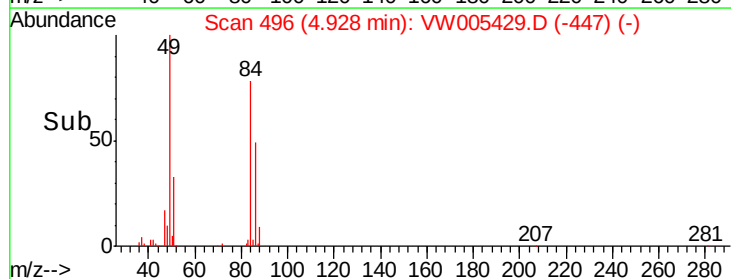
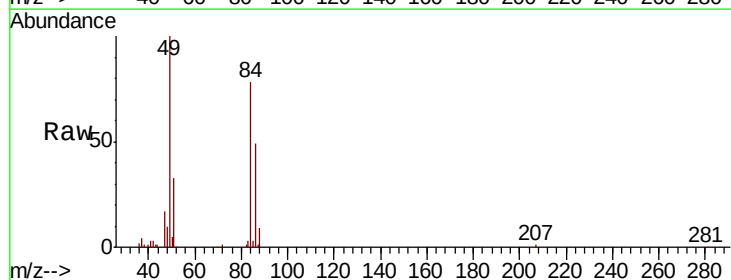
Instrument :
MSVOA_W
ClientSampleId :
SP-PIT-10

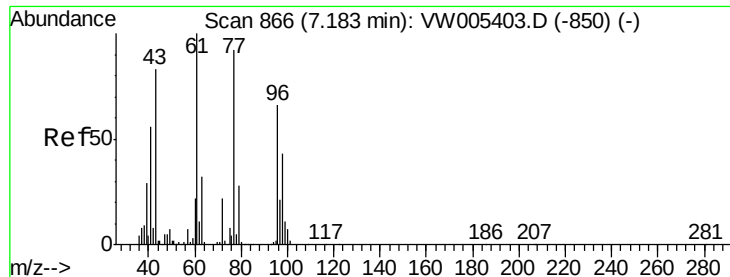
Tgt Ion: 43 Resp: 22861
Ion Ratio Lower Upper
43 100
58 29.8 22.8 34.2



#20
Methylene Chloride
Concen: 13.837 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.00 min
Lab File: VW005429.D
Acq: 17 Sep 2018 13:22

Tgt Ion: 84 Resp: 43682
Ion Ratio Lower Upper
84 100
49 128.2 99.3 148.9
51 42.9 31.1 46.7
86 63.4 49.1 73.7





#25

2-Butanone

Concen: 2.016 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.04 min

Lab File: VW005429.D

Acq: 17 Sep 2018 13:22

Instrument :

MSVOA_W

ClientSampled :

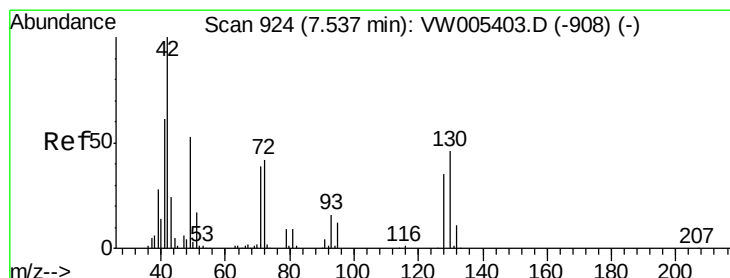
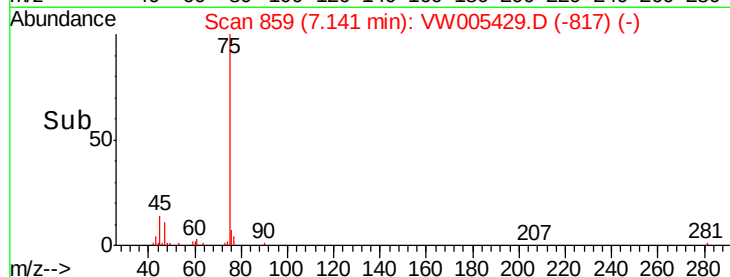
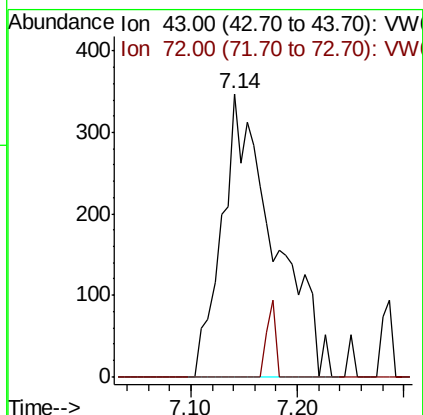
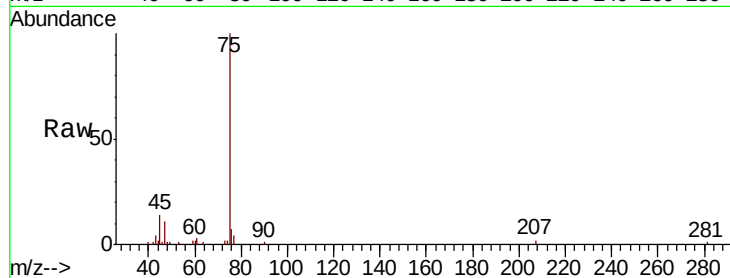
SP-PIT-10

Tgt Ion: 43 Resp: 1187

Ion Ratio Lower Upper

43 100

72 0.0 21.1 31.7#



#29

Tetrahydrofuran

Concen: 1.333 ug/l

RT: 7.55 min Scan# 926

Delta R.T. 0.01 min

Lab File: VW005429.D

Acq: 17 Sep 2018 13:22

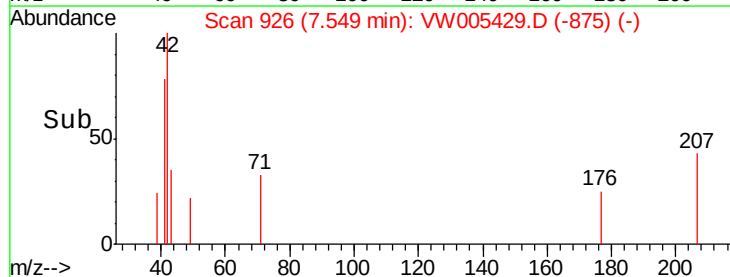
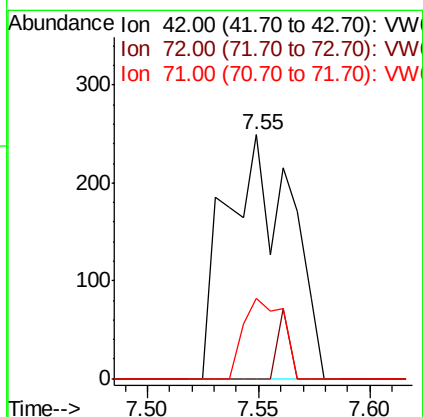
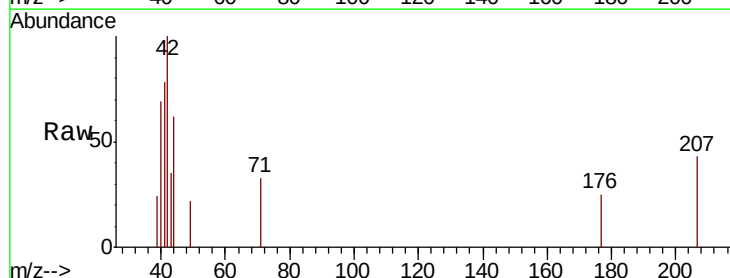
Tgt Ion: 42 Resp: 500

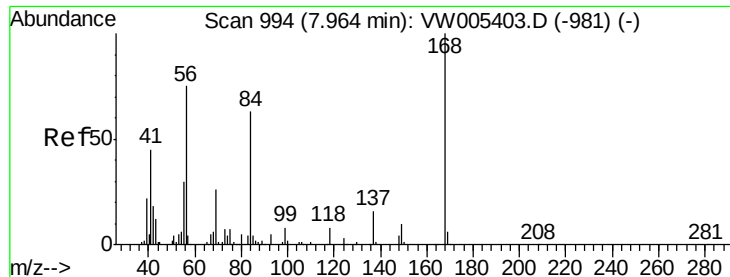
Ion Ratio Lower Upper

42 100

72 5.2 33.2 49.8#

71 20.4 31.0 46.6#

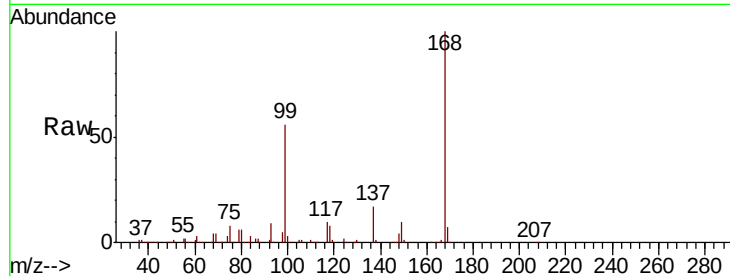




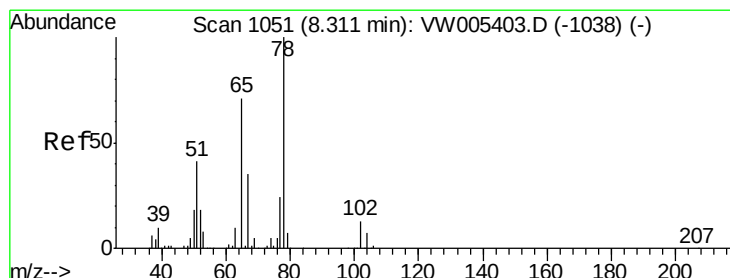
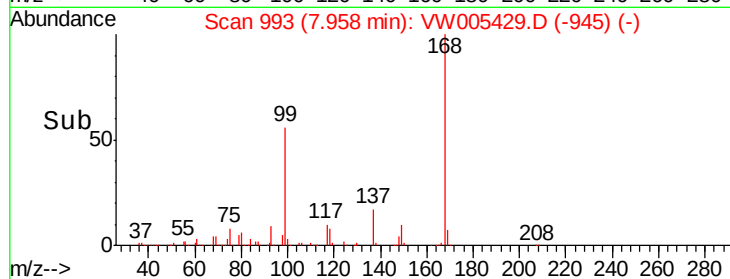
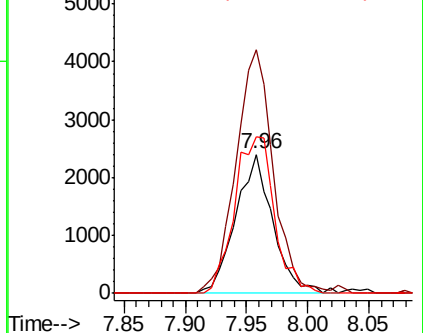
#31
Cyclohexane
Concen: 1.300 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.01 min
Lab File: VW005429.D
Acq: 17 Sep 2018 13:22

Instrument :
MSVOA_W
ClientSampled :
SP-PIT-10

Tgt Ion: 56 Resp: 5078
Ion Ratio Lower Upper
56 100
69 175.1 27.2 40.8#
84 112.2 66.7 100.1#

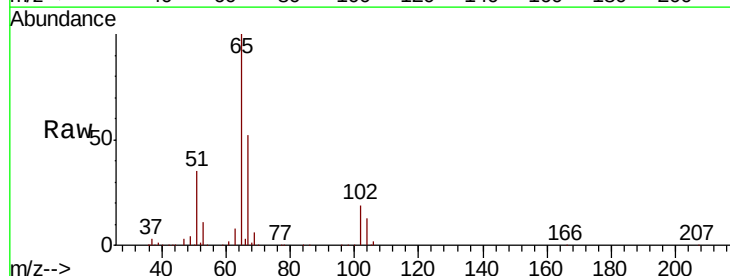


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

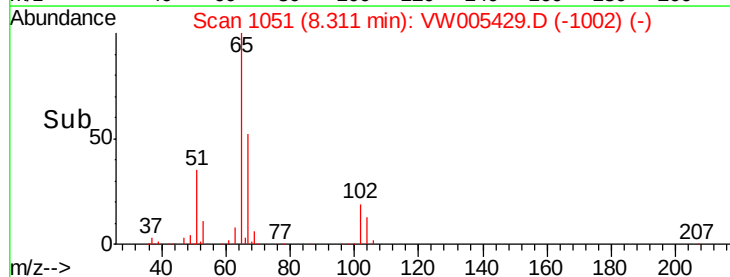
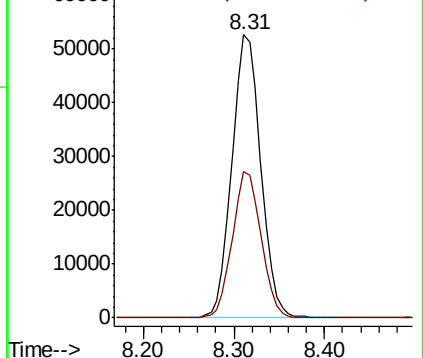


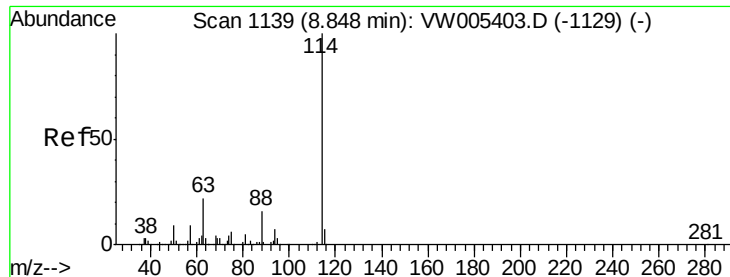
#33
1,2-Dichloroethane-d4
Concen: 47.451 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW005429.D
Acq: 17 Sep 2018 13:22

Tgt Ion: 65 Resp: 116144
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.6



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

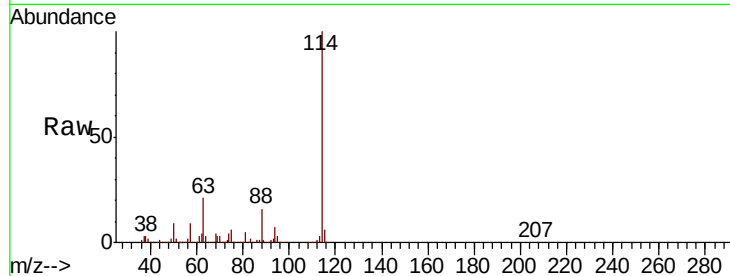




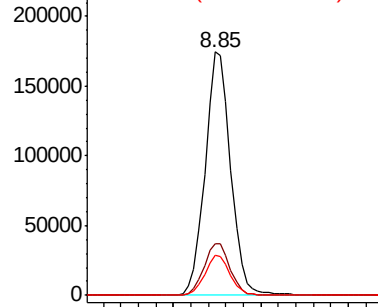
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005429.D
 Acq: 17 Sep 2018 13:22

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-PIT-10

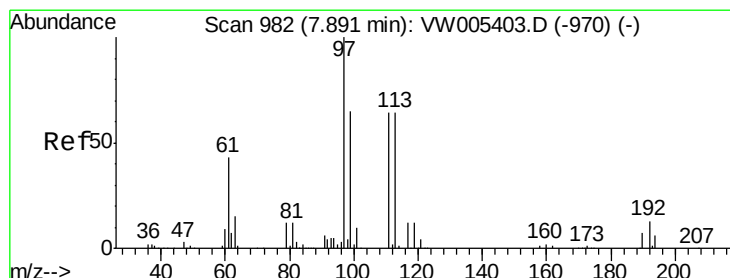
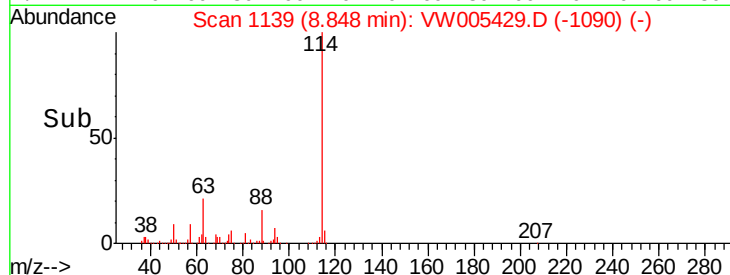
Tgt Ion:114 Resp: 354332
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.4
 88 16.4 0.0 31.8



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

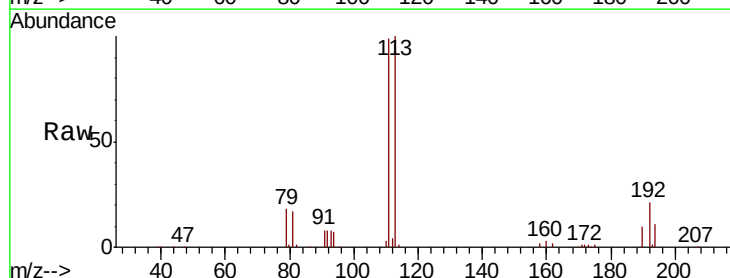


Time-->

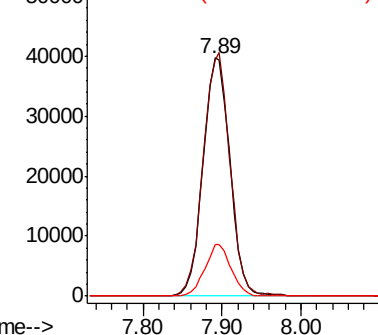


#35
 Dibromofluoromethane
 Concen: 47.402 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005429.D
 Acq: 17 Sep 2018 13:22

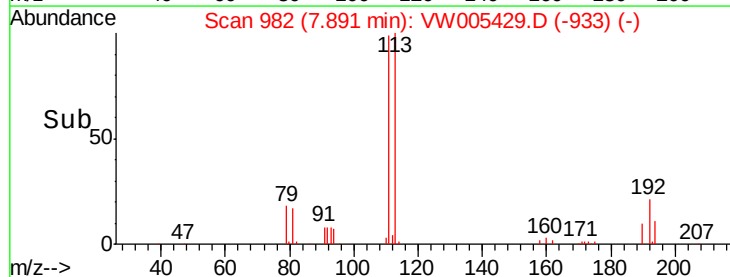
Tgt Ion:113 Resp: 94174
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.3 123.5
 192 20.9 16.5 24.7

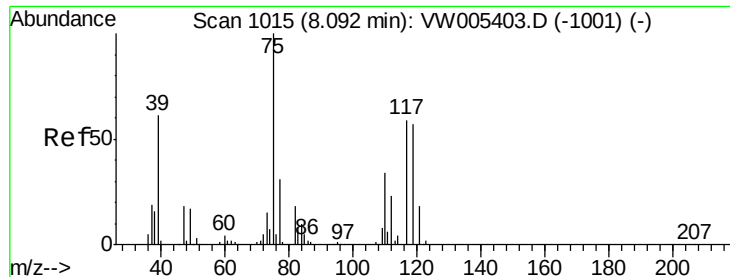


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V



Time-->

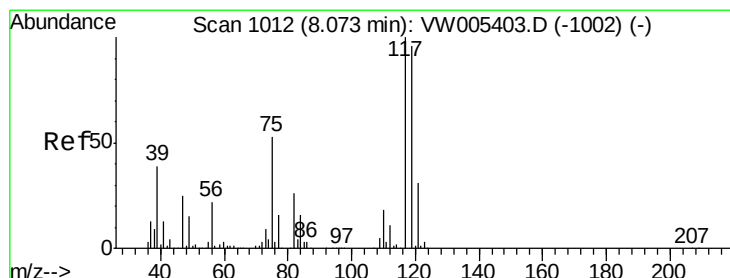
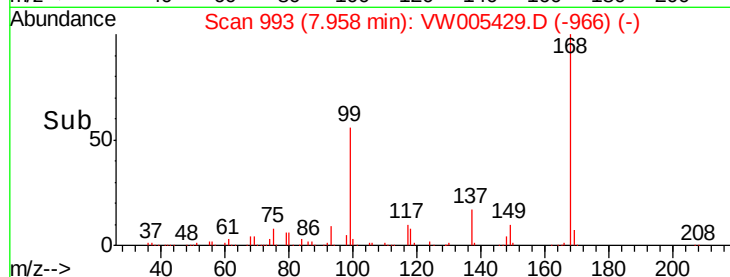
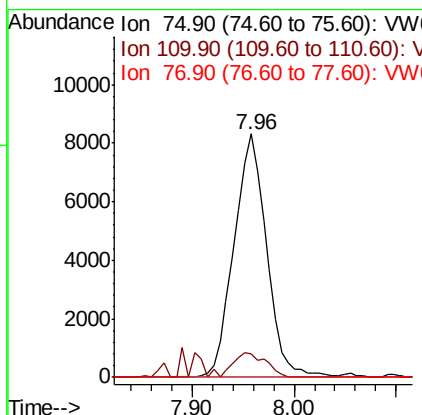
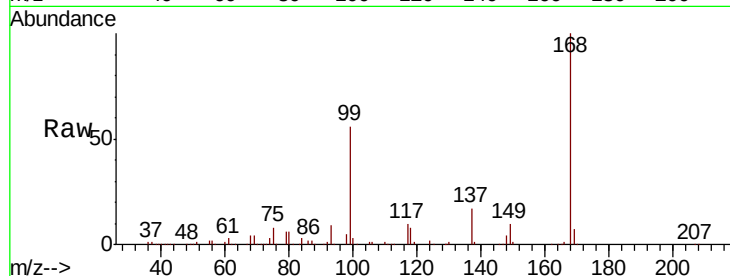




#36
 1,1-Dichloropropene
 Concen: 5.500 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VW005429.D
 Acq: 17 Sep 2018 13:22

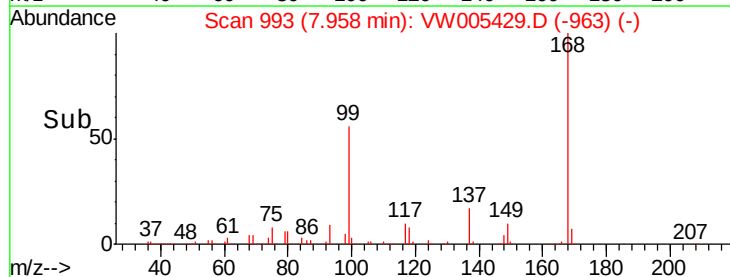
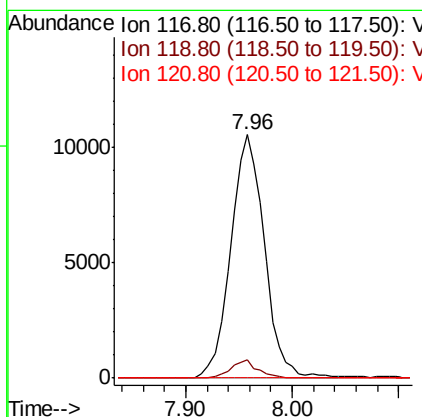
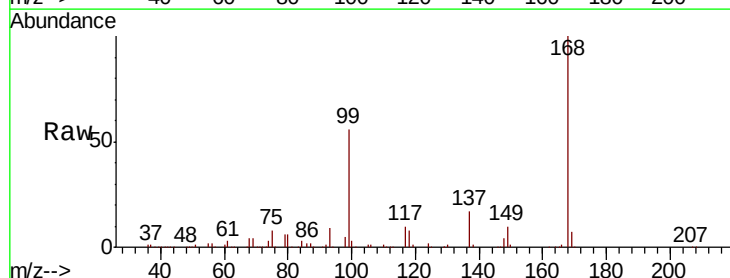
Instrument :
 MSVOA_W
 ClientSampled :
 SP-PIT-10

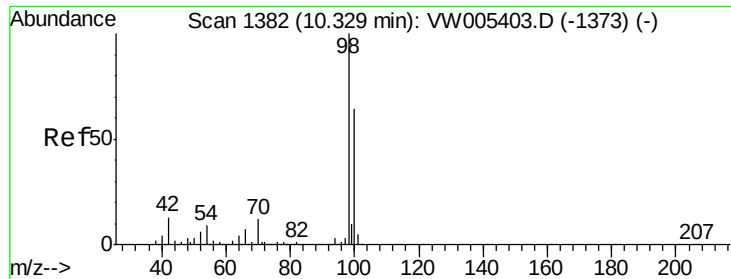
Tgt Ion: 75 Resp: 18444
 Ion Ratio Lower Upper
 75 100
 110 9.9 16.8 50.4#
 77 0.0 24.2 36.4#



#38
 Carbon Tetrachloride
 Concen: 6.697 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.12 min
 Lab File: VW005429.D
 Acq: 17 Sep 2018 13:22

Tgt Ion: 117 Resp: 23403
 Ion Ratio Lower Upper
 117 100
 119 7.3 76.8 115.2#
 121 0.0 24.7 37.1#





#50

Toluene-d8

Concen: 43.712 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005429.D

Acq: 17 Sep 2018 13:22

Instrument :

MSVOA_W

ClientSampleId :

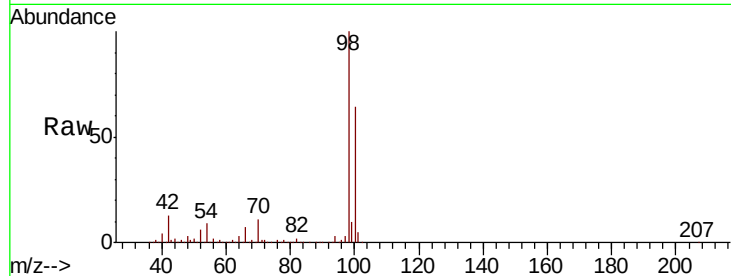
SP-PIT-10

Tgt Ion: 98 Resp: 397696

Ion Ratio Lower Upper

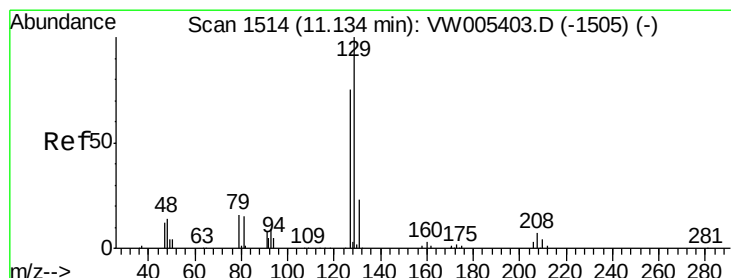
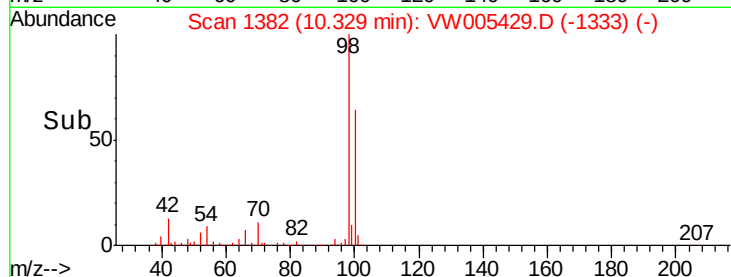
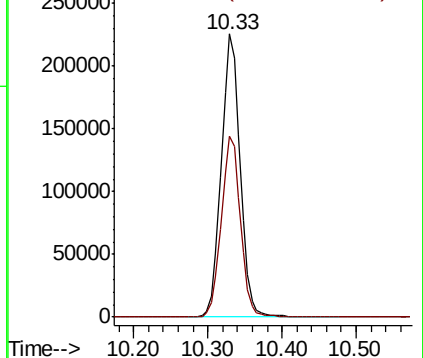
98 100

100 64.7 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#60

Dibromochloromethane

Concen: 1.236 ug/l

RT: 10.87 min Scan# 1470

Delta R.T. -0.27 min

Lab File: VW005429.D

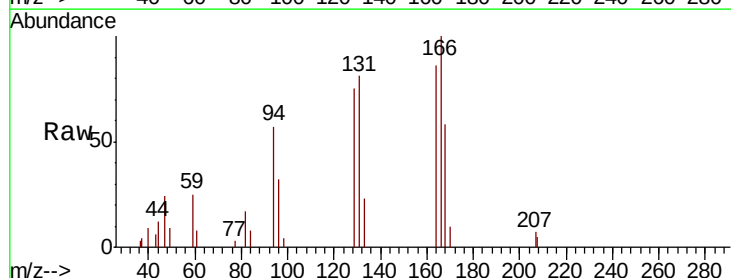
Acq: 17 Sep 2018 13:22

Tgt Ion: 129 Resp: 2524

Ion Ratio Lower Upper

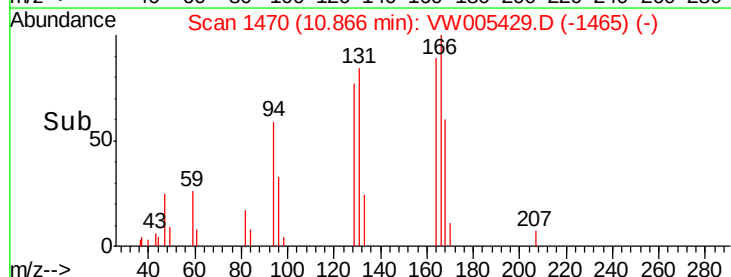
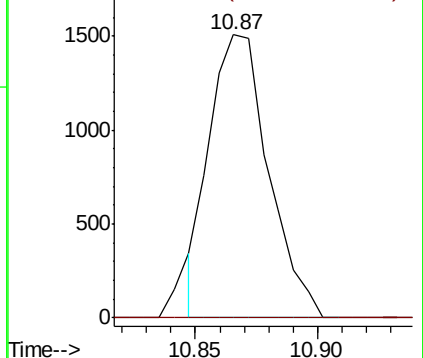
129 100

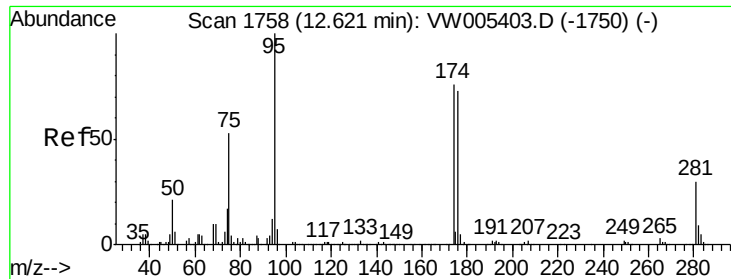
127 0.0 38.5 115.3#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#62

4-Bromofluorobenzene

Concen: 41.764 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005429.D

Acq: 17 Sep 2018 13:22

Instrument :

MSVOA_W

ClientSampleId :

SP-PIT-10

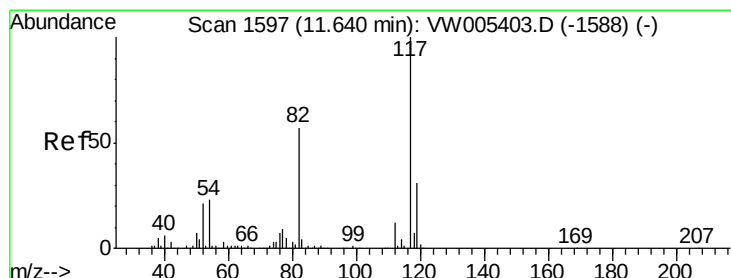
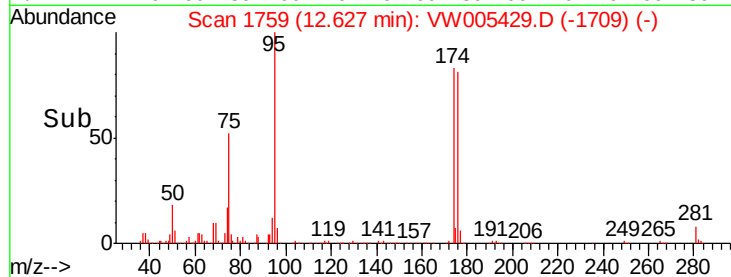
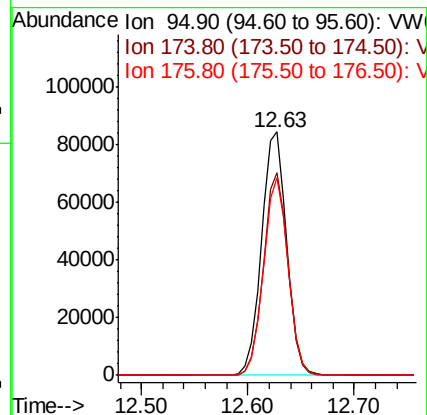
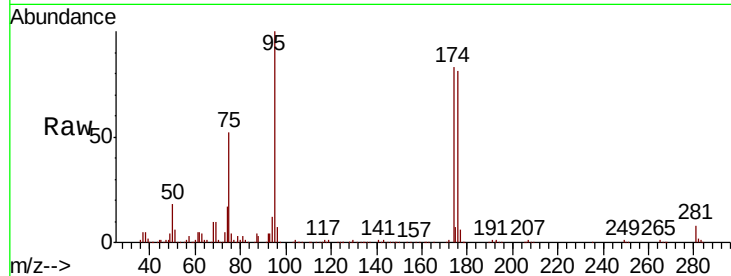
Tgt Ion: 95 Resp: 139326

Ion Ratio Lower Upper

95 100

174 81.3 0.0 161.2

176 79.2 0.0 156.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. -0.00 min

Lab File: VW005429.D

Acq: 17 Sep 2018 13:22

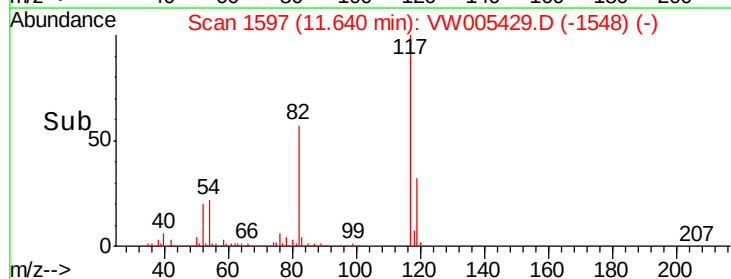
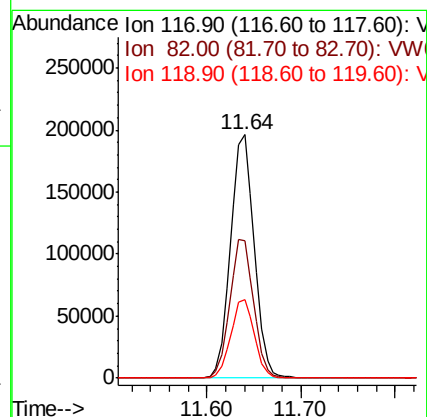
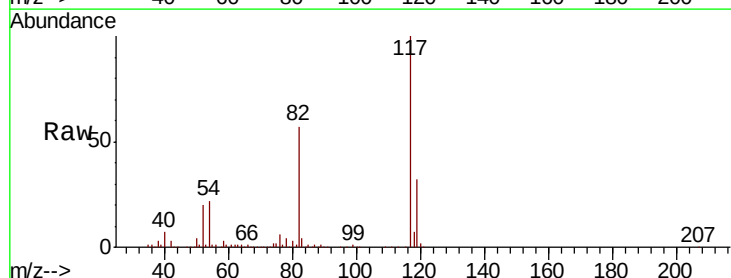
Tgt Ion: 117 Resp: 341060

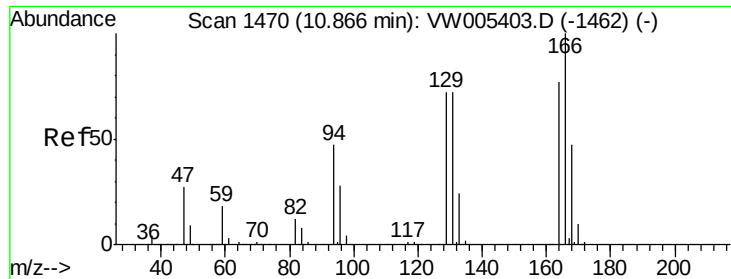
Ion Ratio Lower Upper

117 100

82 56.6 45.9 68.9

119 32.1 24.8 37.2





#64

Tetrachloroethene

Concen: 1.174 ug/l

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW005429.D

Acq: 17 Sep 2018 13:22

Instrument :

MSVOA_W

ClientSampleId :

SP-PIT-10

Tgt Ion:164 Resp: 2960

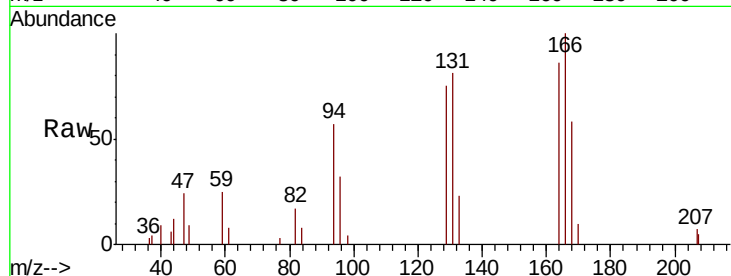
Ion Ratio Lower Upper

164 100

166 116.7 104.0 156.0

129 87.1 74.9 112.3

131 94.6 75.3 112.9

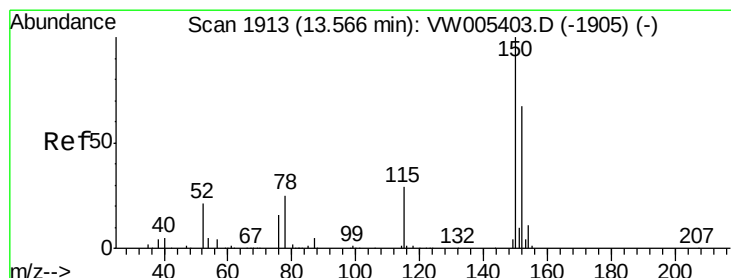
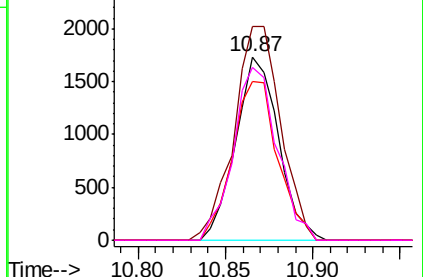
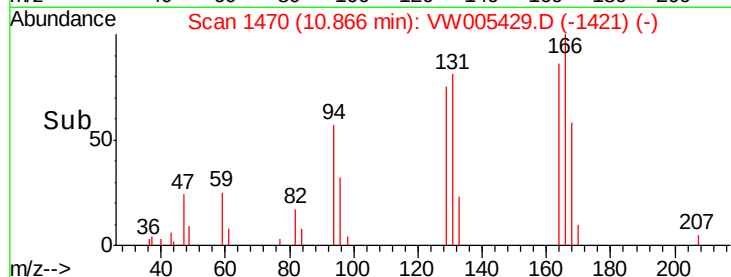


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005429.D

Acq: 17 Sep 2018 13:22

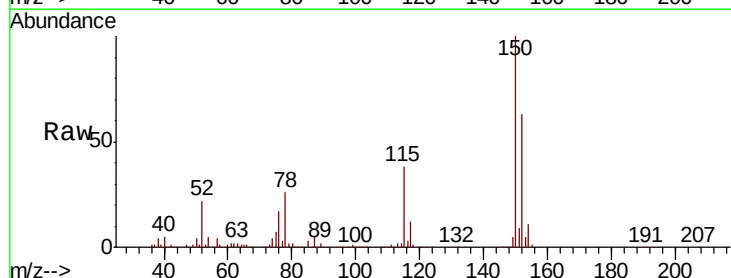
Tgt Ion:152 Resp: 156929

Ion Ratio Lower Upper

152 100

115 59.5 29.5 88.5

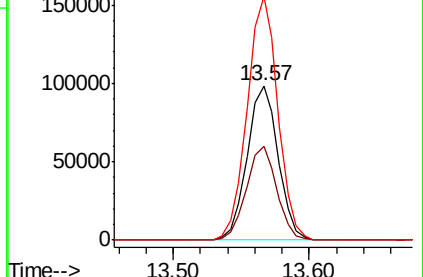
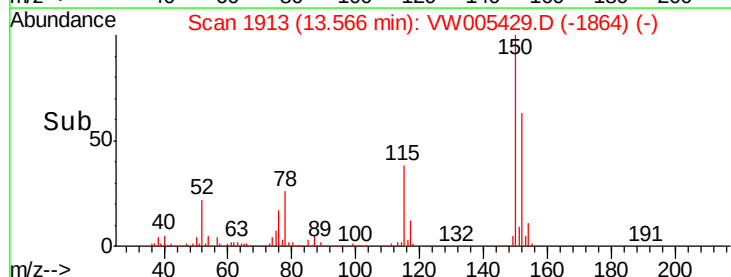
150 156.3 0.0 345.6

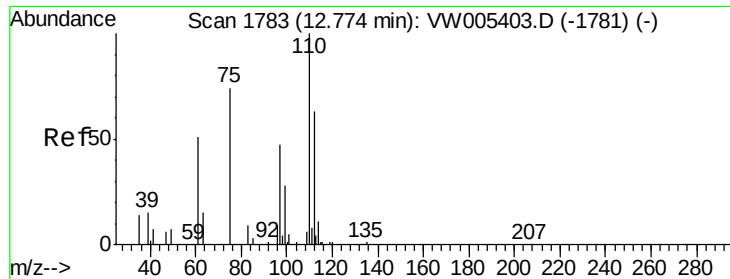


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 57.316 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005429.D

Acq: 17 Sep 2018 13:22

Instrument :

MSVOA_W

ClientSampleId :

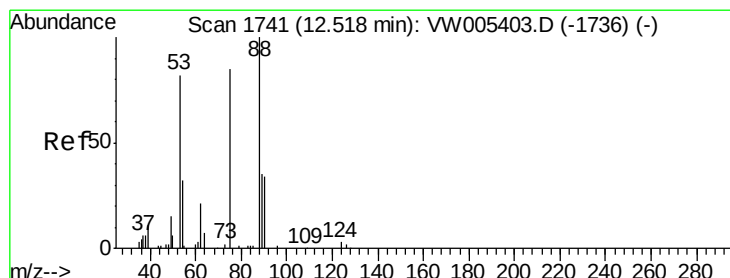
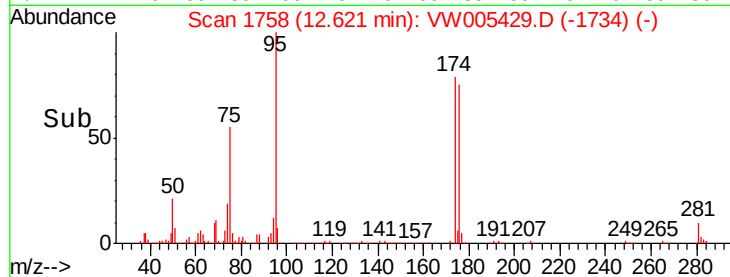
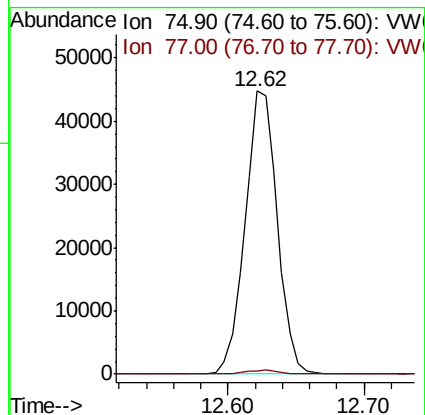
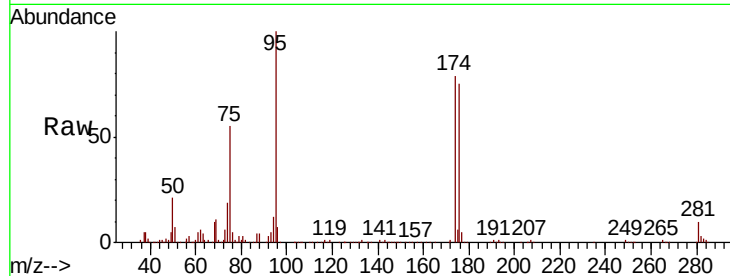
SP-PIT-10

Tgt Ion: 75 Resp: 73978

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 148.681 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005429.D

Acq: 17 Sep 2018 13:22

Tgt Ion: 75 Resp: 73978

Ion Ratio Lower Upper

75 100

53 0.2 83.2 124.8#

89 0.0 36.6 54.8#

