

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101018\
 Data File : VW005966.D
 Acq On : 10 Oct 2018 03:58
 Operator : SY/AP
 Sample : J5326-21RE
 Misc : 6.41G/5ML/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FL-PIT-6

Quant Time: Oct 10 05:37:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	248909	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	387460	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	345981	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	159073	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	120678	49.94	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.88%	
35) Dibromofluoromethane	7.88	113	122865	49.67	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.34%	
50) Toluene-d8	10.33	98	463296	48.68	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.36%	
62) 4-Bromofluorobenzene	12.62	95	151691	41.89	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	83.78%	

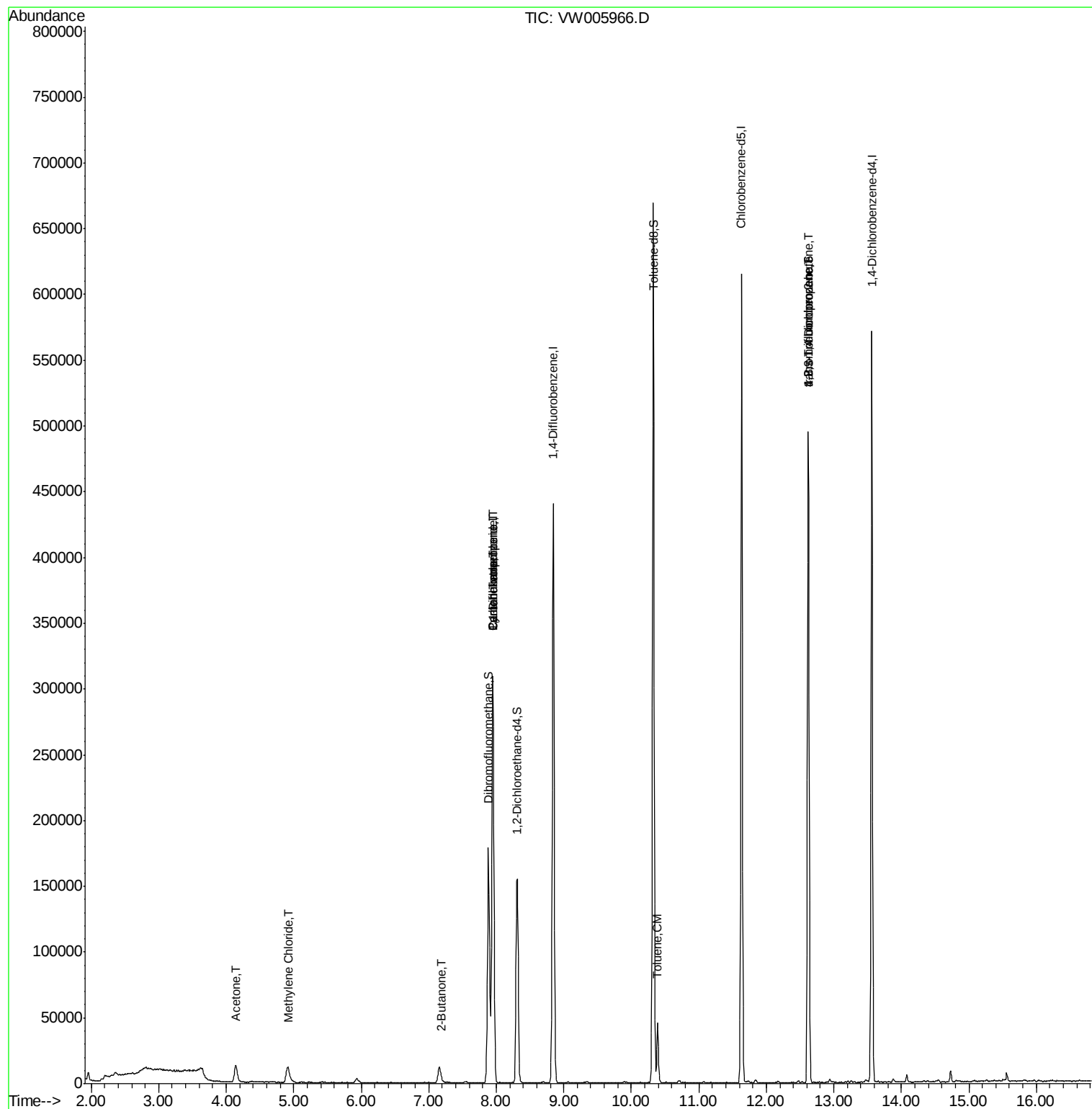
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	25768	53.389	ug/l	97
20) Methylene Chloride	4.92	84	11135	4.605	ug/l	91
25) 2-Butanone	7.19	43	2780	4.050	ug/l #	85
31) Cyclohexane	7.95	56	5054	1.195	ug/l #	22
36) 1,1-Dichloropropene	7.95	75	17045	4.591	ug/l #	48
38) Carbon Tetrachloride	7.95	117	23348	5.853	ug/l #	14
52) Toluene	10.39	92	18957	2.840	ug/l	100
76) 1,2,3-Trichloropropane	12.62	75	76527	53.856	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	76527	113.696	ug/l #	11

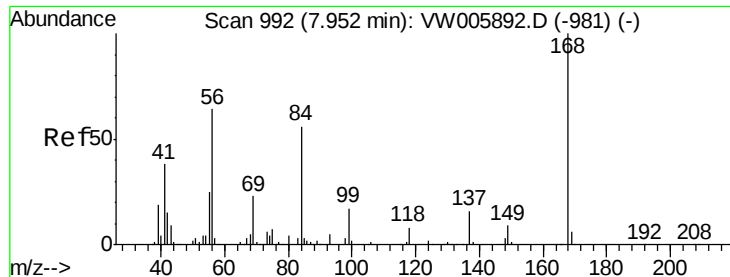
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101018\
Data File : VW005966.D
Acq On : 10 Oct 2018 03:58
Operator : SY/AP
Sample : J5326-21RE
Misc : 6.41G/5ML/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
FL-PIT-6

Quant Time: Oct 10 05:37:58 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 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: VW005966.D

Acq: 10 Oct 2018 03:58

Instrument :

MSVOA_W

ClientSampleId :

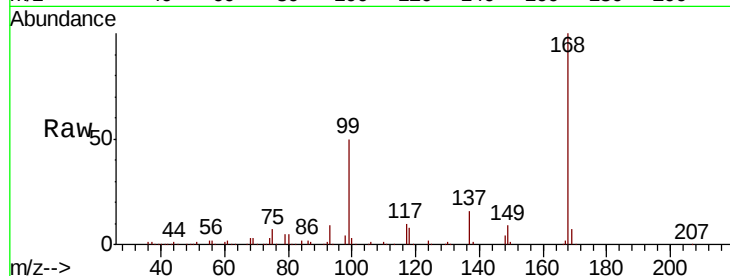
FL-PIT-6

Tgt Ion:168 Resp: 248909

Ion Ratio Lower Upper

168 100

99 49.6 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

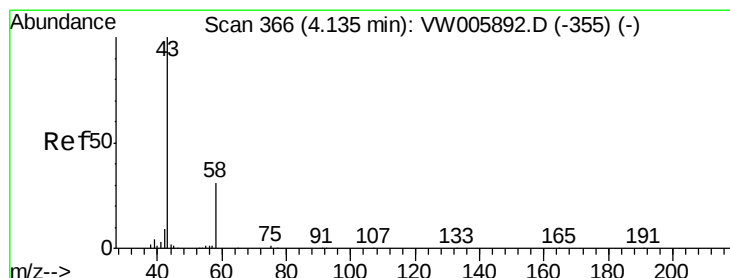
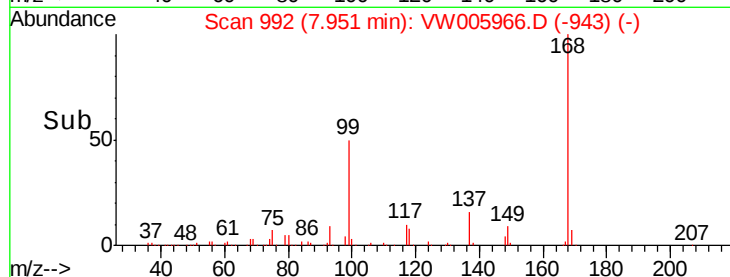
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 53.389 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW005966.D

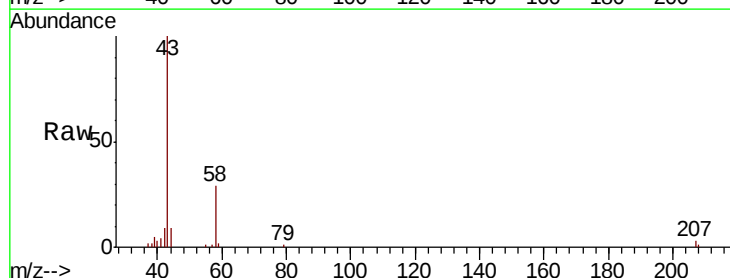
Acq: 10 Oct 2018 03:58

Tgt Ion: 43 Resp: 25768

Ion Ratio Lower Upper

43 100

58 29.3 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

8000

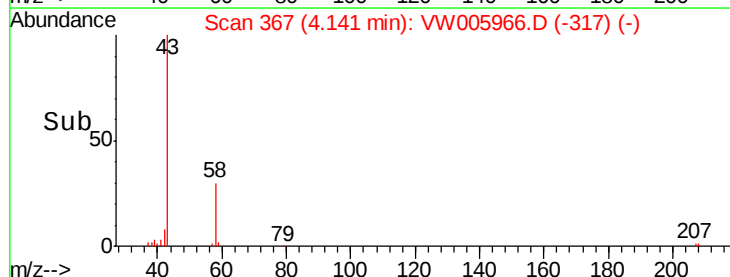
6000

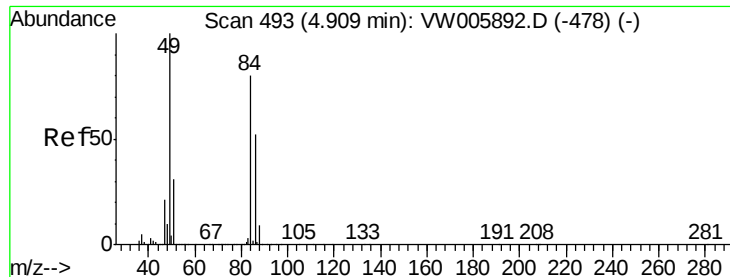
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 4.605 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW005966.D

Acq: 10 Oct 2018 03:58

Instrument :

MSVOA_W

ClientSampled :

FL-PIT-6

Tgt Ion: 84 Resp: 11135

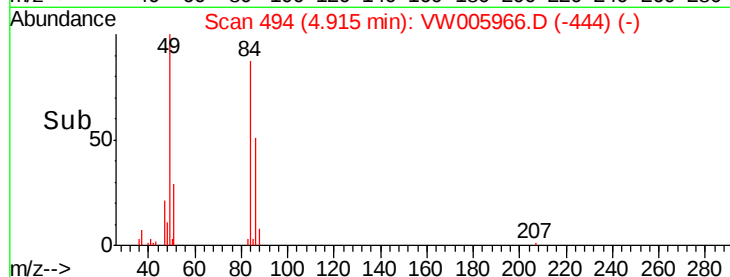
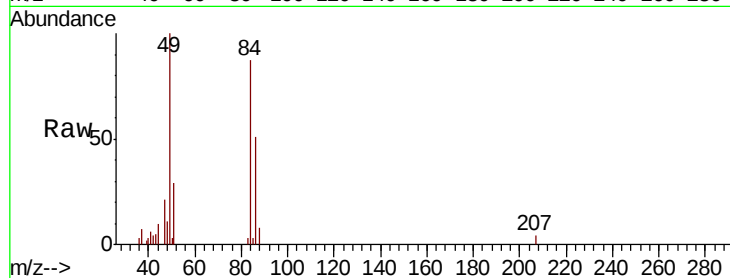
Ion Ratio Lower Upper

84 100

49 114.4 99.9 149.9

51 32.8 31.1 46.7

86 58.6 51.8 77.6

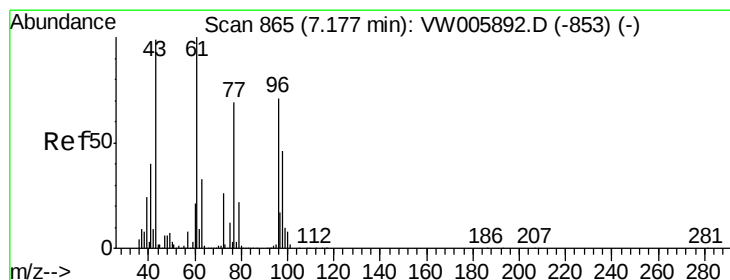
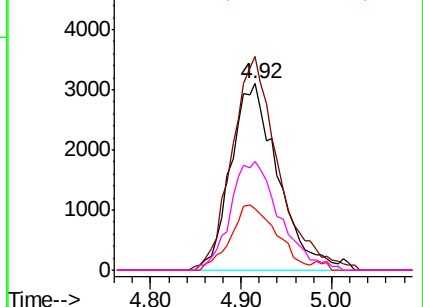


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 4.050 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW005966.D

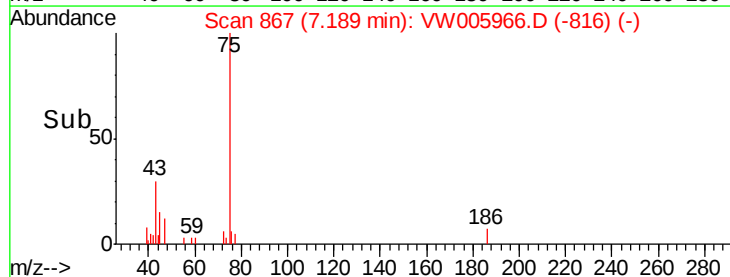
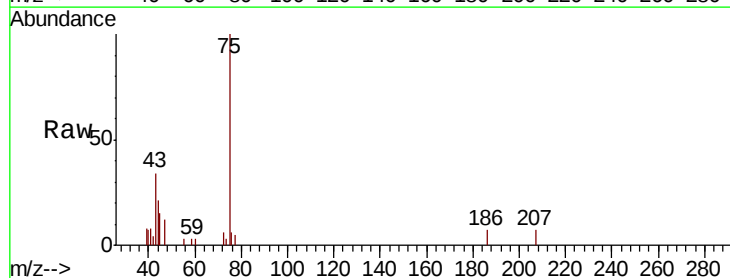
Acq: 10 Oct 2018 03:58

Tgt Ion: 43 Resp: 2780

Ion Ratio Lower Upper

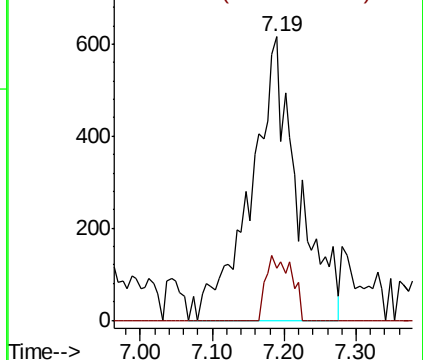
43 100

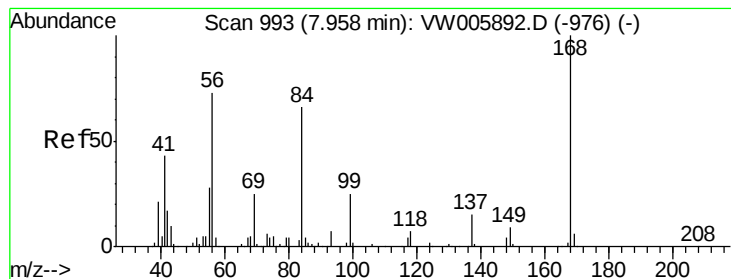
72 18.3 21.0 31.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#31

Cyclohexane

Concen: 1.195 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW005966.D

Acq: 10 Oct 2018 03:58

Instrument :

MSVOA_W

ClientSampled :

FL-PIT-6

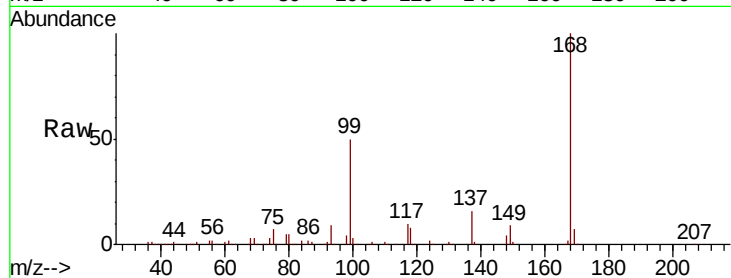
Tgt Ion: 56 Resp: 5054

Ion Ratio Lower Upper

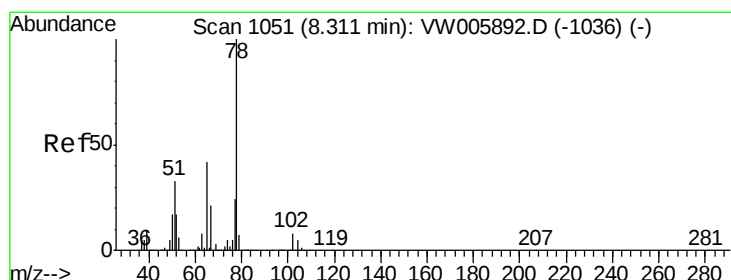
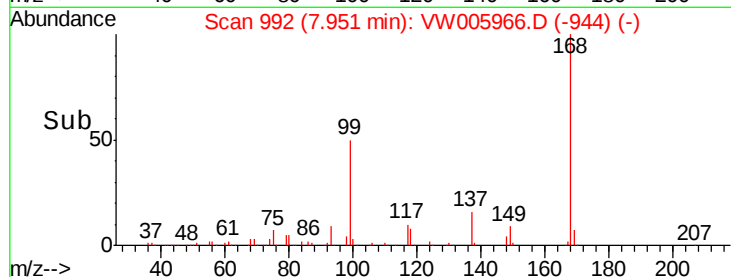
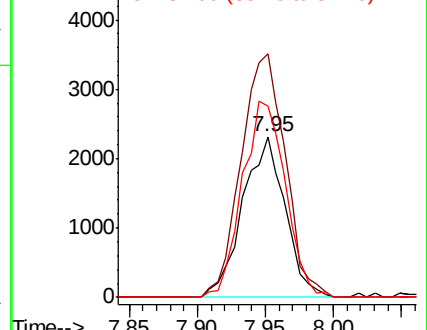
56 100

69 151.3 27.9 41.9#

84 118.8 72.3 108.5#



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: 49.942 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005966.D

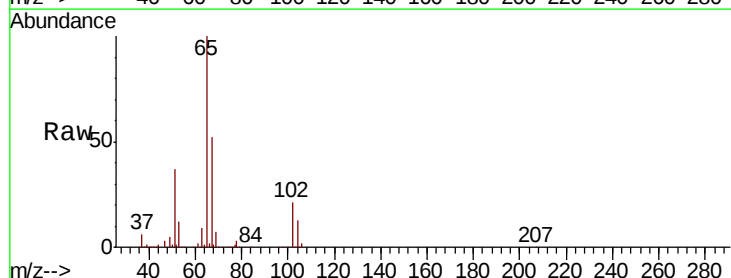
Acq: 10 Oct 2018 03:58

Tgt Ion: 65 Resp: 120678

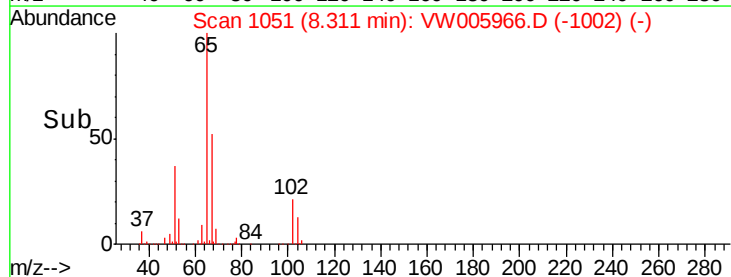
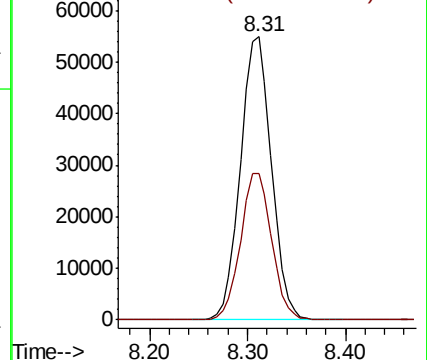
Ion Ratio Lower Upper

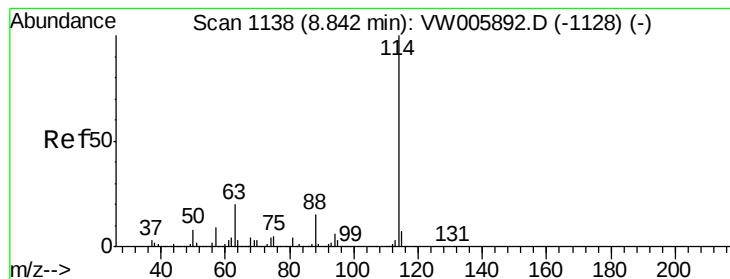
65 100

67 51.9 0.0 104.6



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: VW005966.D

Acq: 10 Oct 2018 03:58

Instrument :

MSVOA_W

ClientSampled :

FL-PIT-6

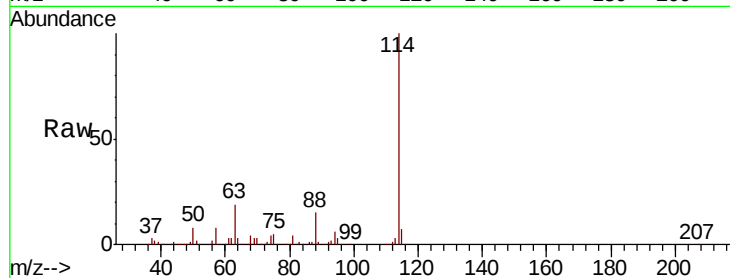
Tgt Ion:114 Resp: 387460

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.2

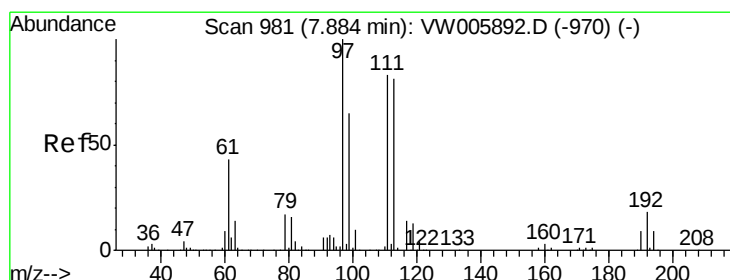
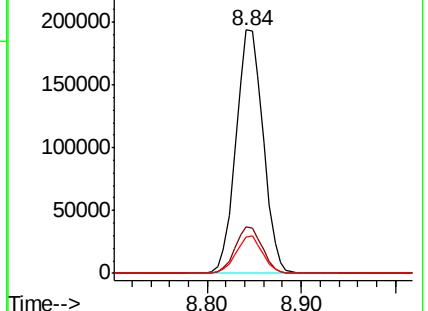
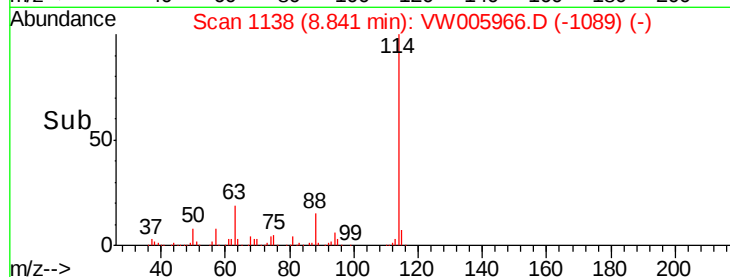
88 15.1 0.0 30.8



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



#35

Dibromofluoromethane

Concen: 49.667 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW005966.D

Acq: 10 Oct 2018 03:58

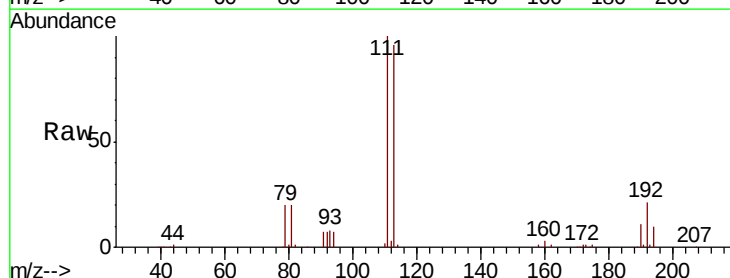
Tgt Ion:113 Resp: 122865

Ion Ratio Lower Upper

113 100

111 102.6 82.0 123.0

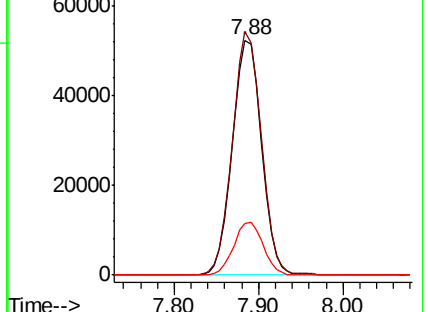
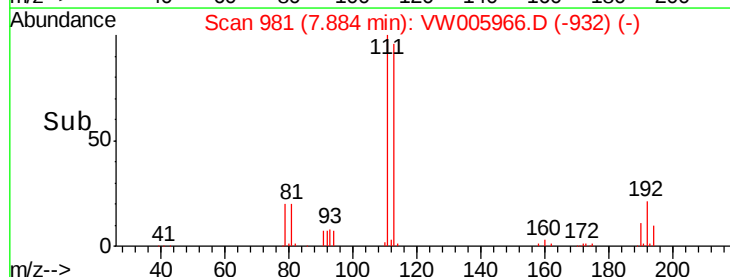
192 22.5 18.3 27.5

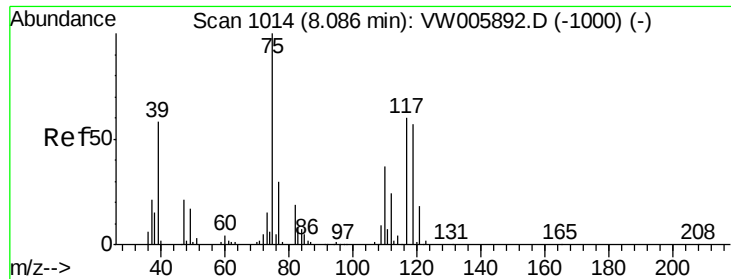


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

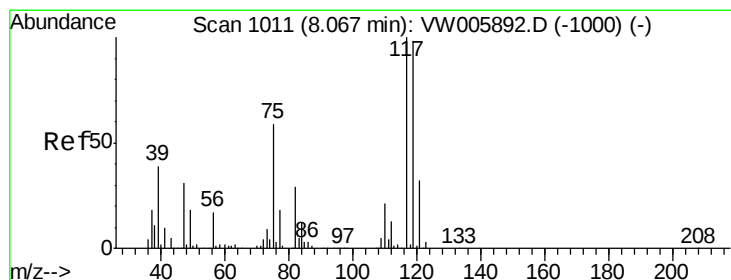
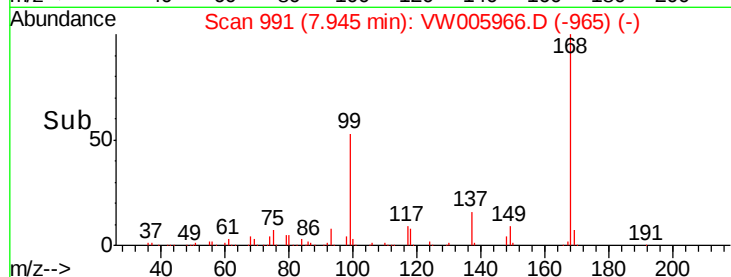
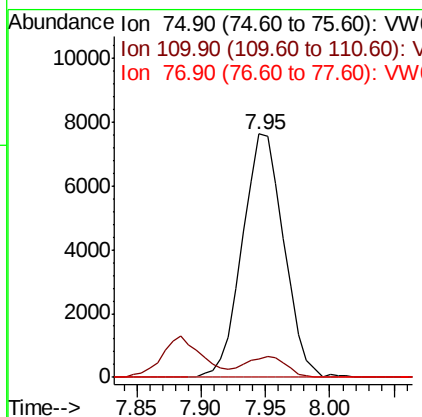
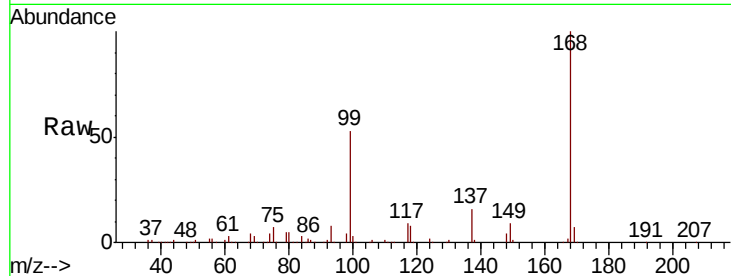




#36
 1,1-Dichloropropene
 Concen: 4.591 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW005966.D
 Acq: 10 Oct 2018 03:58

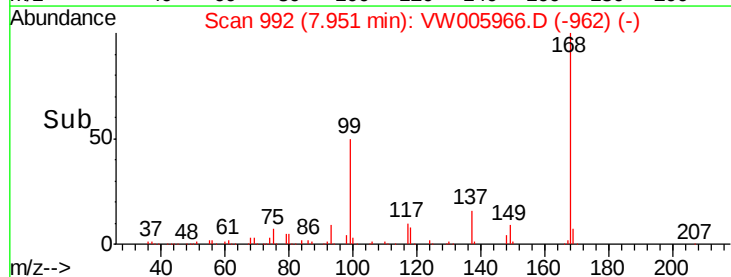
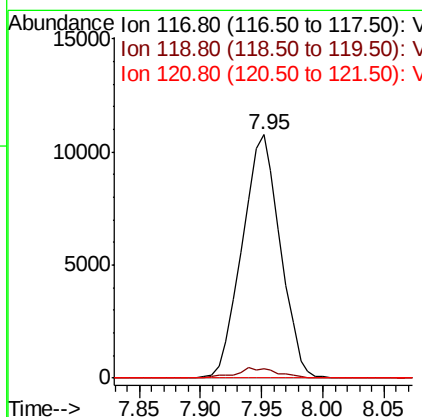
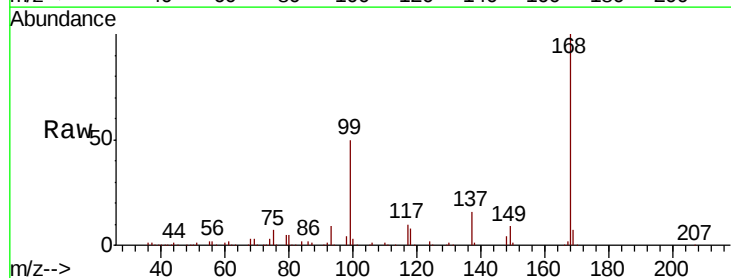
Instrument :
 MSVOA_W
 ClientSampled :
 FL-PIT-6

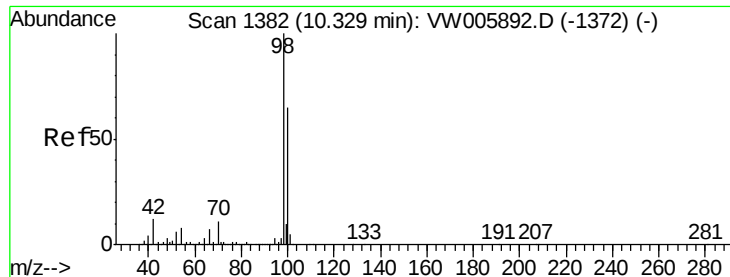
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.6	56.0#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 5.853 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW005966.D
 Acq: 10 Oct 2018 03:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.9	78.6	117.8#
121	0.0	25.3	37.9#





#50

Toluene-d8

Concen: 48.678 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005966.D

Acq: 10 Oct 2018 03:58

Instrument :

MSVOA_W

ClientSampleId :

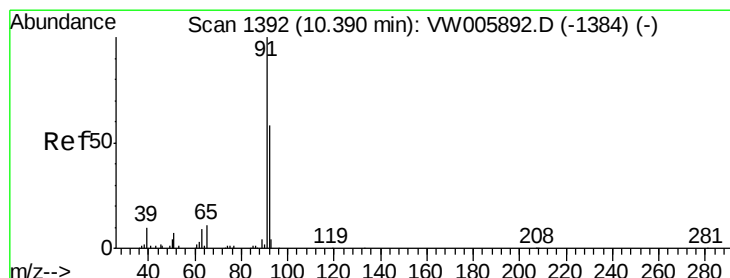
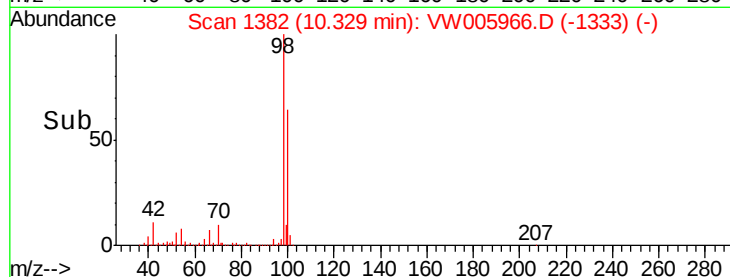
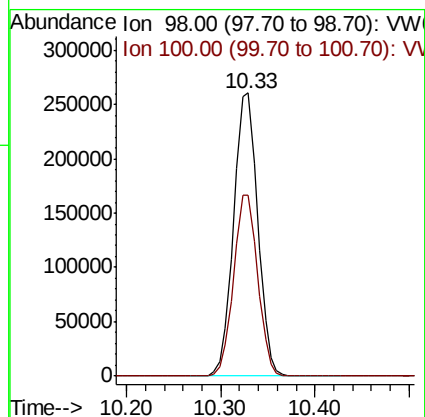
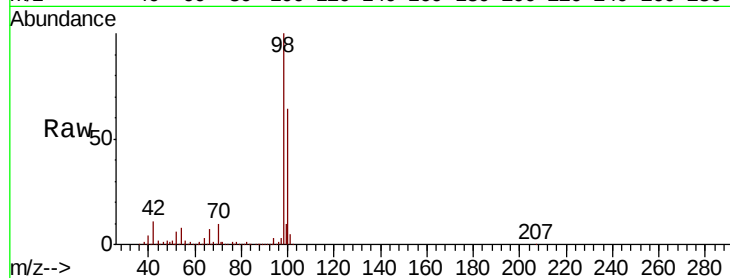
FL-PIT-6

Tgt Ion: 98 Resp: 463296

Ion Ratio Lower Upper

98 100

100 63.9 51.9 77.9



#52

Toluene

Concen: 2.840 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW005966.D

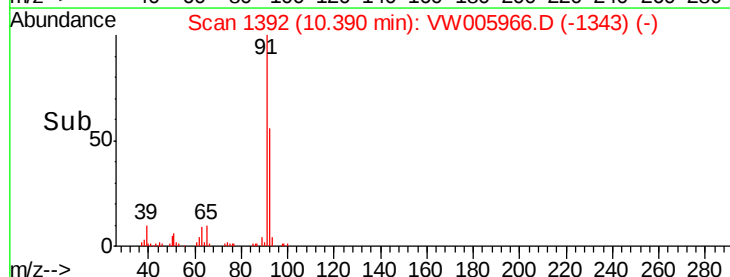
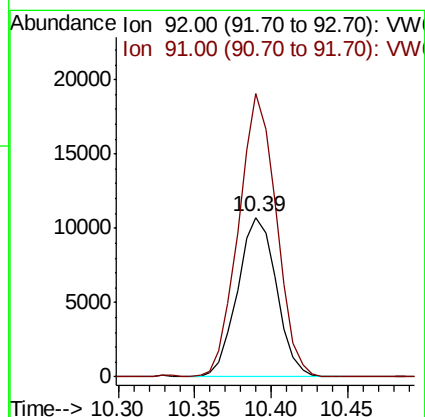
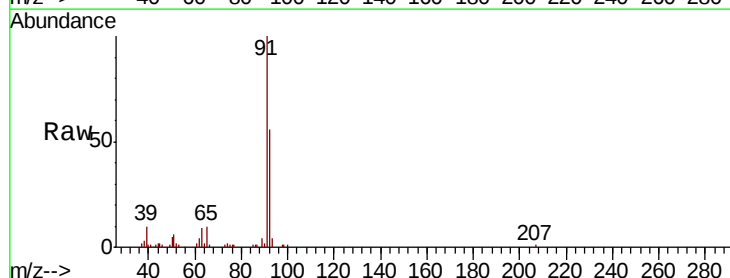
Acq: 10 Oct 2018 03:58

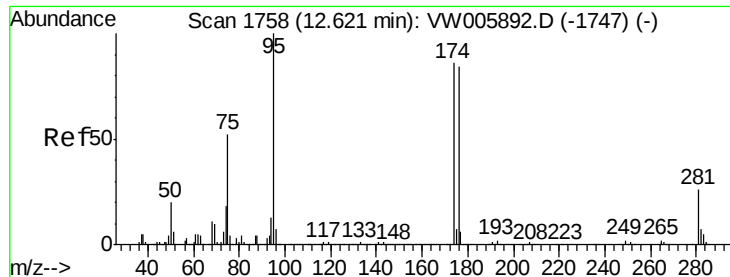
Tgt Ion: 92 Resp: 18957

Ion Ratio Lower Upper

92 100

91 172.6 138.2 207.4





#62

4-Bromofluorobenzene

Concen: 41.891 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005966.D

Acq: 10 Oct 2018 03:58

Instrument :

MSVOA_W

ClientSampleId :

FL-PIT-6

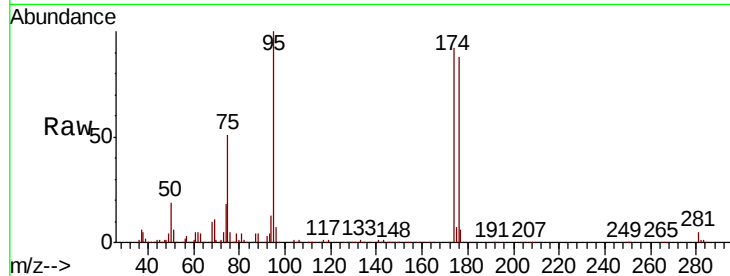
Tgt Ion: 95 Resp: 151691

Ion Ratio Lower Upper

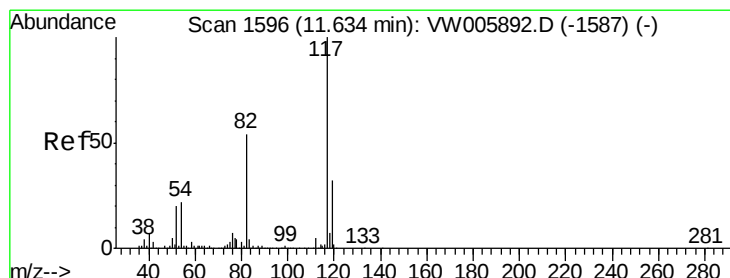
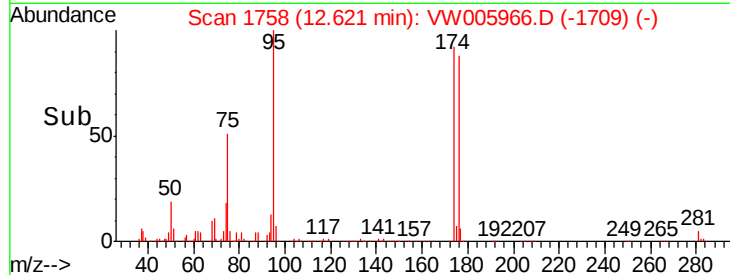
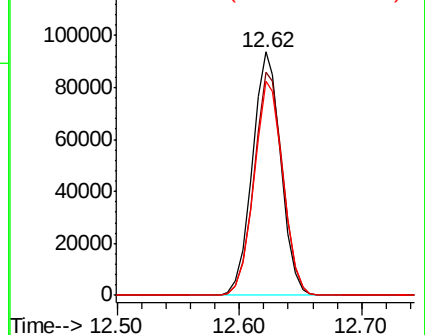
95 100

174 92.6 0.0 176.4

176 89.5 0.0 173.0



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: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW005966.D

Acq: 10 Oct 2018 03:58

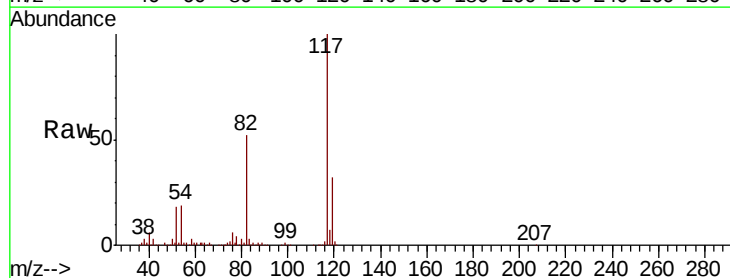
Tgt Ion: 117 Resp: 345981

Ion Ratio Lower Upper

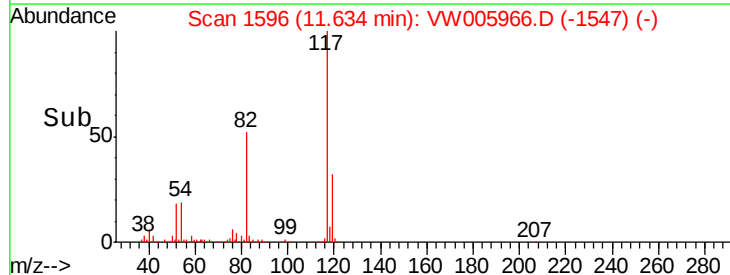
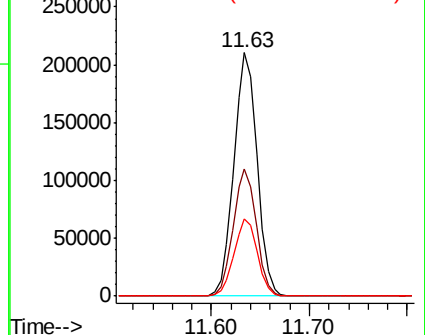
117 100

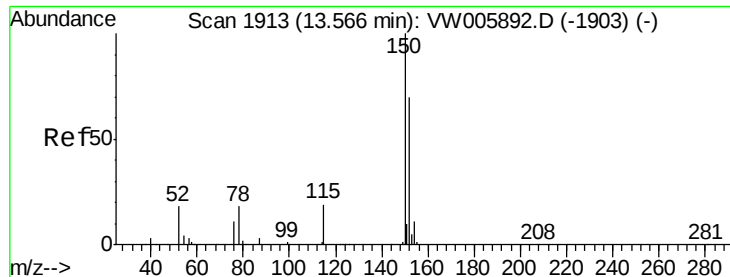
82 52.1 43.5 65.3

119 31.9 25.4 38.2



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



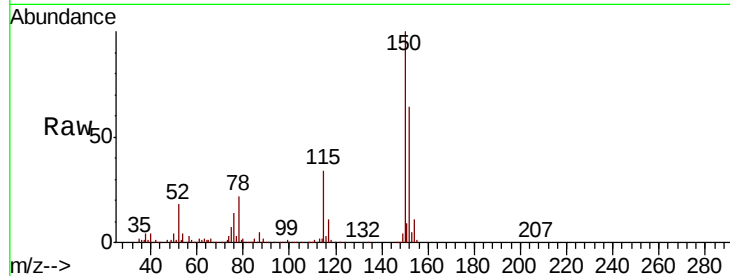


#72

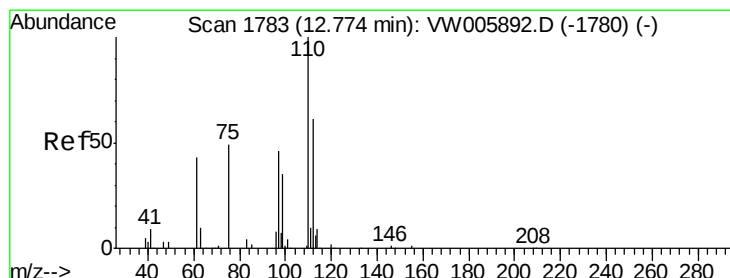
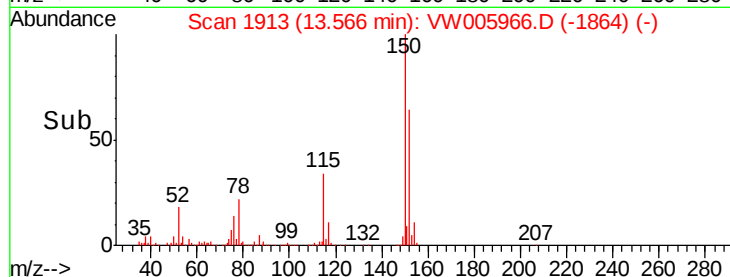
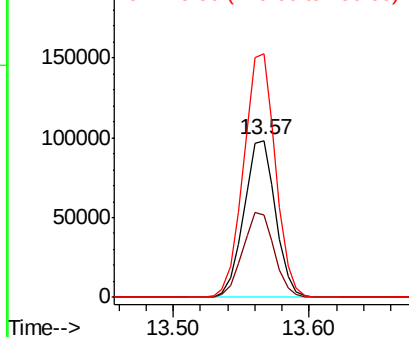
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005966.D
Acq: 10 Oct 2018 03:58

Instrument :
MSVOA_W
ClientSampleId :
FL-PIT-6

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.5	28.3	85.0
150	156.6	0.0	349.2



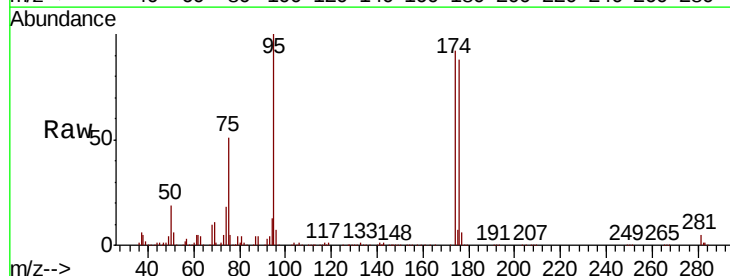
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



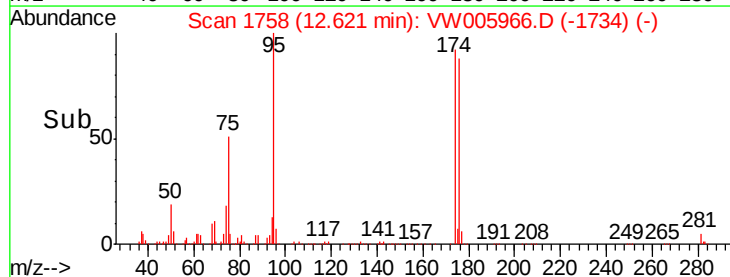
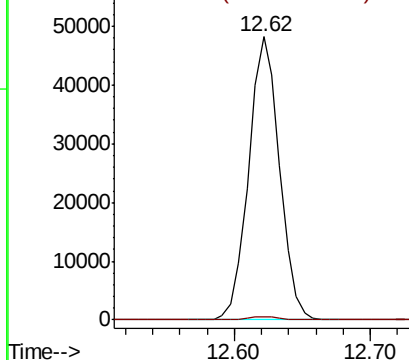
#76

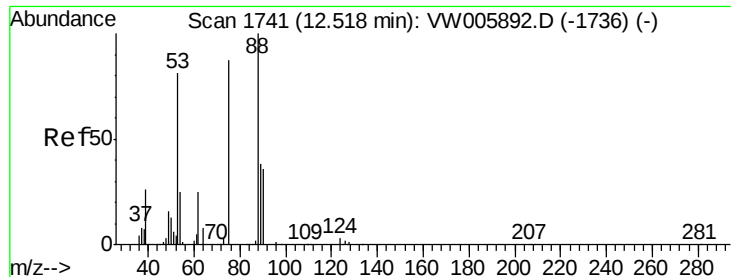
1,2,3-Trichloropropane
Concen: 53.856 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW005966.D
Acq: 10 Oct 2018 03:58

Tgt 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: 113.696 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005966.D

Acq: 10 Oct 2018 03:58

Instrument :

MSVOA_W

ClientSampleId :

FL-PIT-6

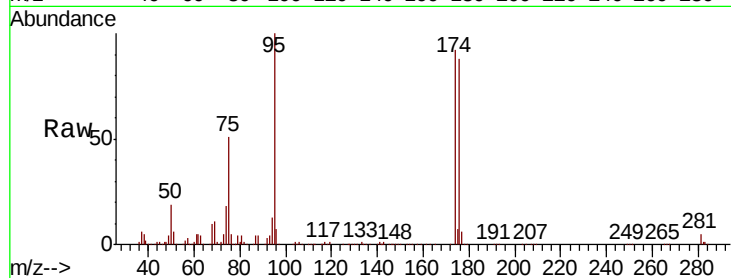
Tgt Ion: 75 Resp: 76527

Ion Ratio Lower Upper

75 100

53 0.0 76.5 114.7#

89 0.0 37.6 56.4#



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

