

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101018\
 Data File : VW005968.D
 Acq On : 10 Oct 2018 04:50
 Operator : SY/AP
 Sample : J5326-29RE
 Misc : 5.99G/5ML/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FL-PIT-8

Quant Time: Oct 10 05:38:15 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	242713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	378131	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	347417	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	175161	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	126588	53.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.46%	
35) Dibromofluoromethane	7.88	113	125820	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
50) Toluene-d8	10.33	98	467813	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
62) 4-Bromofluorobenzene	12.62	95	164171	46.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.92%	

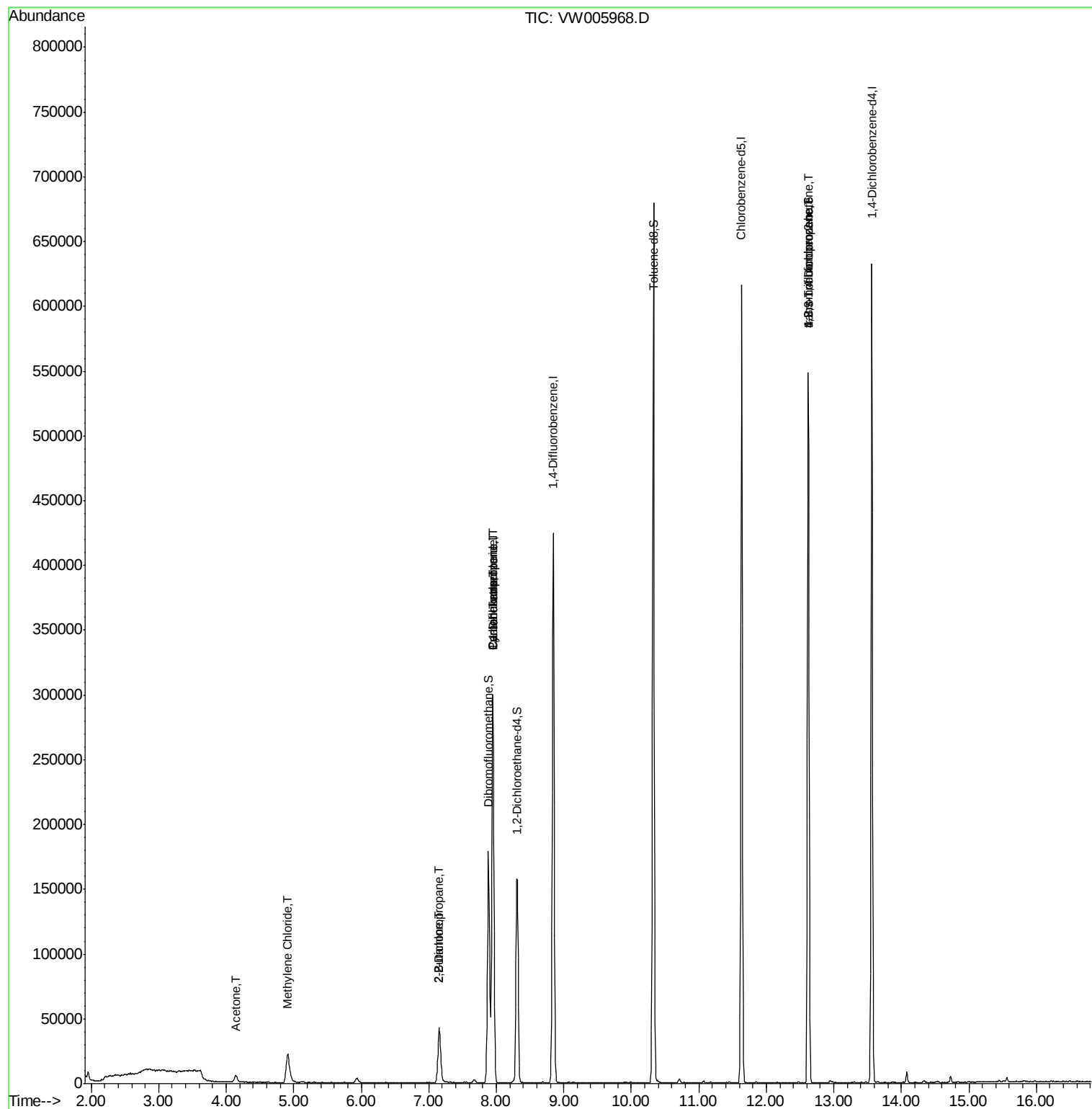
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	10225	21.726	ug/l	99
20) Methylene Chloride	4.91	84	20120	8.533	ug/l	92
25) 2-Butanone	7.15	43	2637	3.939	ug/l #	73
26) 2,2-Dichloropropane	7.15	77	3286	1.120	ug/l #	52
31) Cyclohexane	7.95	56	4861	1.178	ug/l #	20
36) 1,1-Dichloropropene	7.95	75	16415	4.530	ug/l #	49
38) Carbon Tetrachloride	7.95	117	21569	5.541	ug/l #	14
76) 1,2,3-Trichloropropane	12.62	75	82907	52.987	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	82907	111.861	ug/l #	11

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005968.D

Acq: 10 Oct 2018 04:50

Instrument :

MSVOA_W

ClientSampleId :

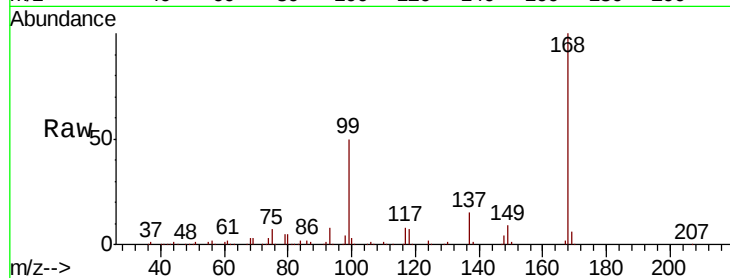
FL-PIT-8

Tgt Ion:168 Resp: 242713

Ion Ratio Lower Upper

168 100

99 50.1 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

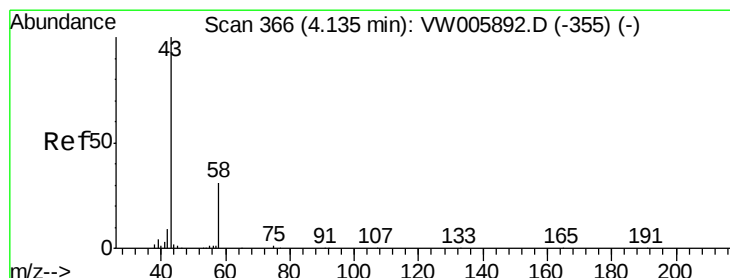
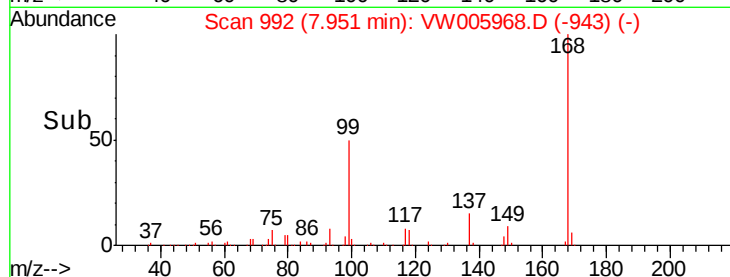
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 21.726 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.00 min

Lab File: VW005968.D

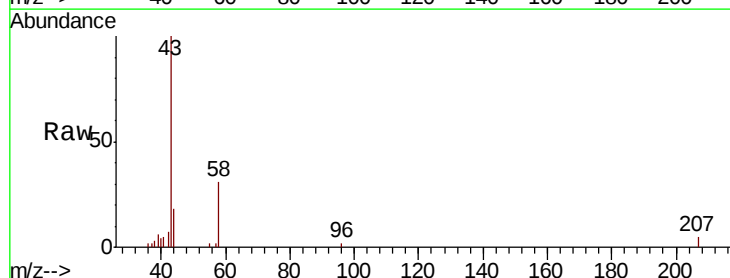
Acq: 10 Oct 2018 04:50

Tgt Ion: 43 Resp: 10225

Ion Ratio Lower Upper

43 100

58 31.3 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

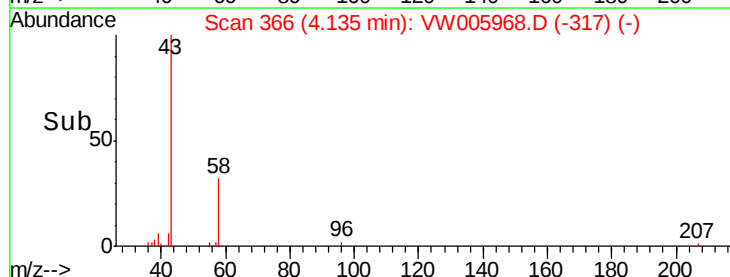
3000

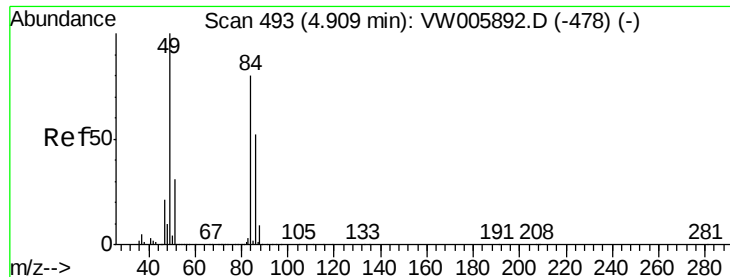
2000

1000

0

Time-->

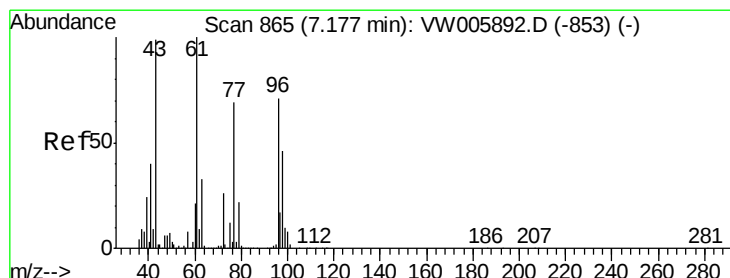
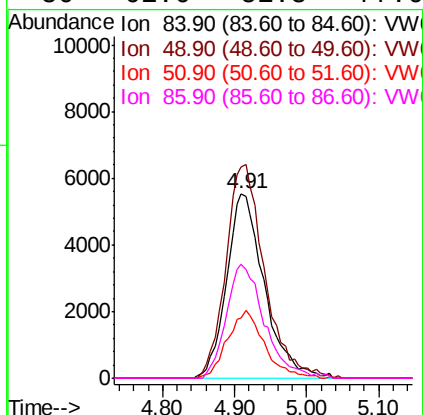
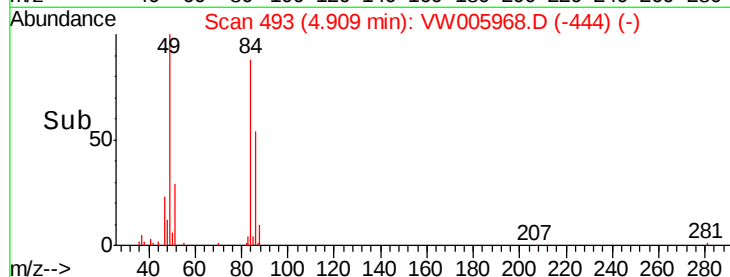
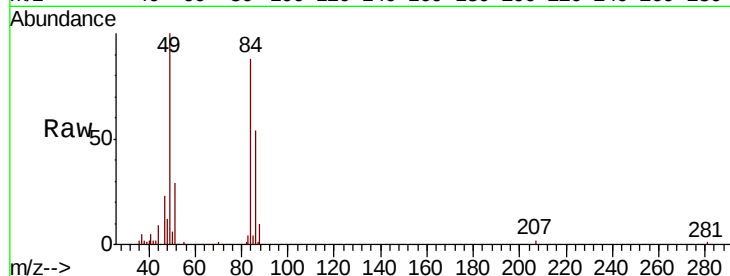




#20
Methylene Chloride
Concen: 8.533 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW005968.D
Acq: 10 Oct 2018 04:50

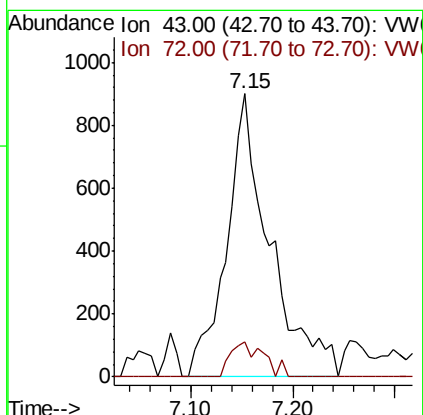
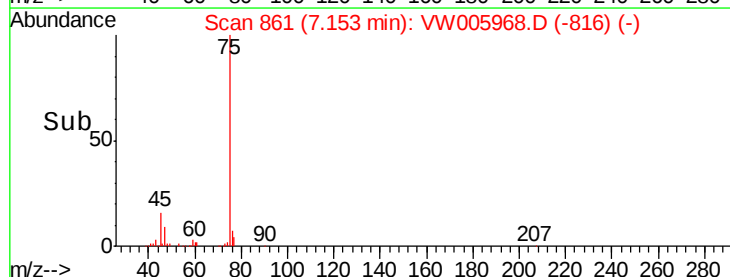
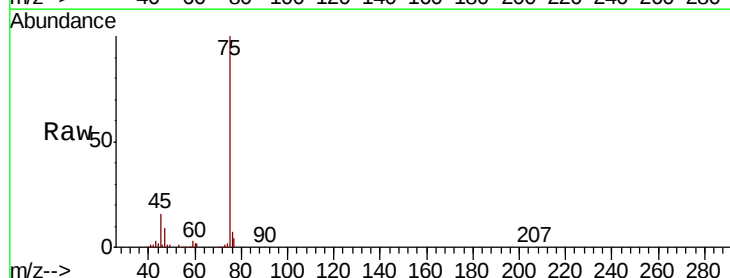
Instrument :
MSVOA_W
ClientSampled :
FL-PIT-8

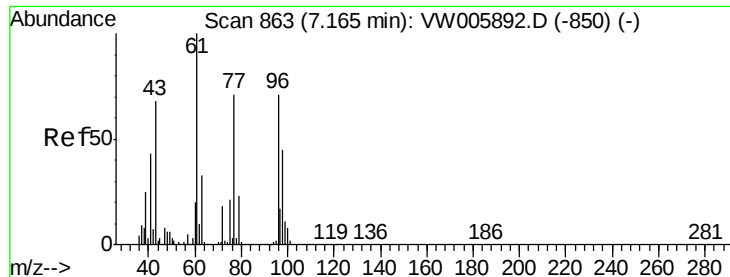
Tgt Ion:	84	Resp:	20120
Ion	Ratio	Lower	Upper
84	100		
49	114.2	99.9	149.9
51	32.6	31.1	46.7
86	61.6	51.8	77.6



#25
2-Butanone
Concen: 3.939 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: VW005968.D
Acq: 10 Oct 2018 04:50

Tgt Ion:	43	Resp:	2637
Ion	Ratio	Lower	Upper
43	100		
72	12.2	21.0	31.4#





#26

2,2-Dichloropropane

Concen: 1.120 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: VW005968.D

Acq: 10 Oct 2018 04:50

Instrument :

MSVOA_W

ClientSampled :

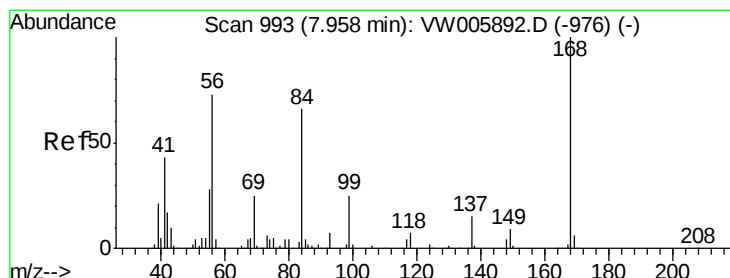
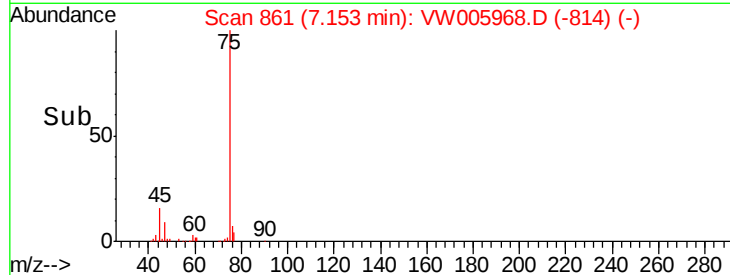
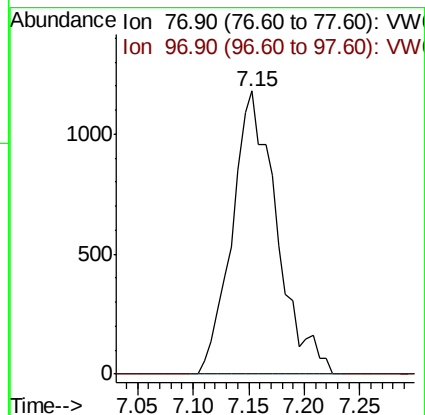
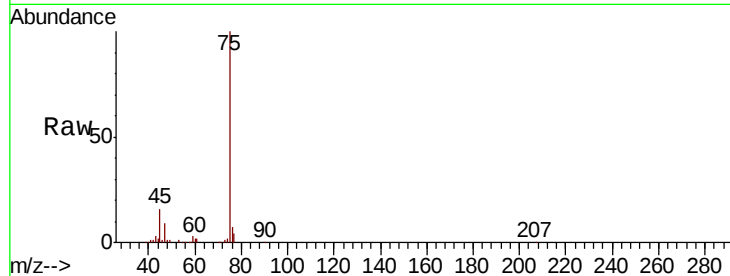
FL-PIT-8

Tgt Ion: 77 Resp: 3286

Ion Ratio Lower Upper

77 100

97 0.0 11.9 35.7#



#31

Cyclohexane

Concen: 1.178 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW005968.D

Acq: 10 Oct 2018 04:50

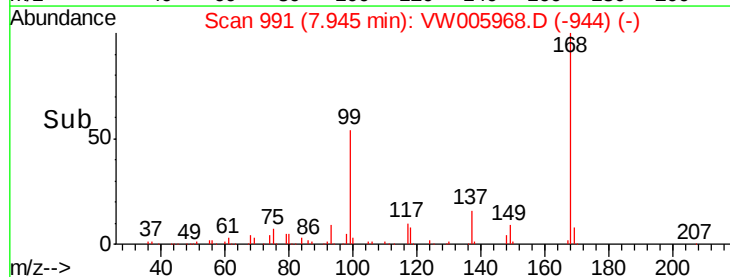
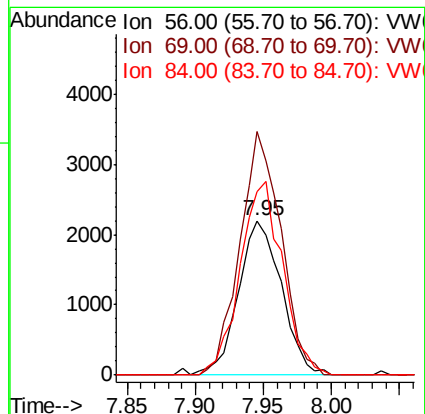
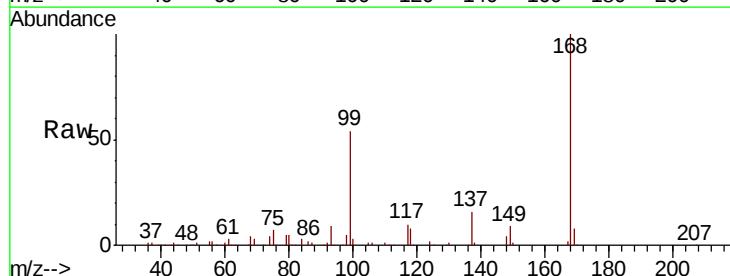
Tgt Ion: 56 Resp: 4861

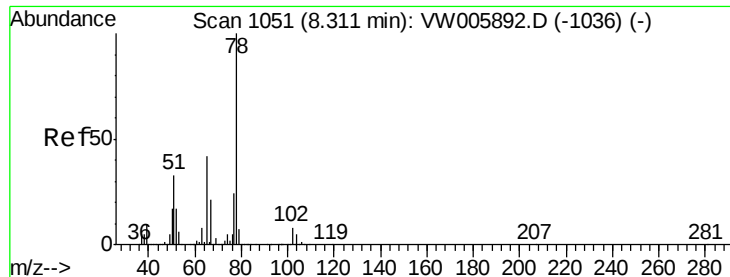
Ion Ratio Lower Upper

56 100

69 157.6 27.9 41.9#

84 118.5 72.3 108.5#

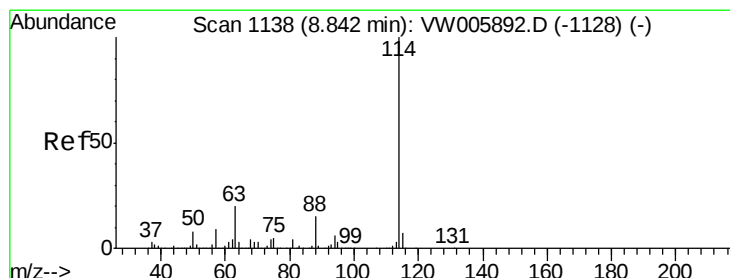
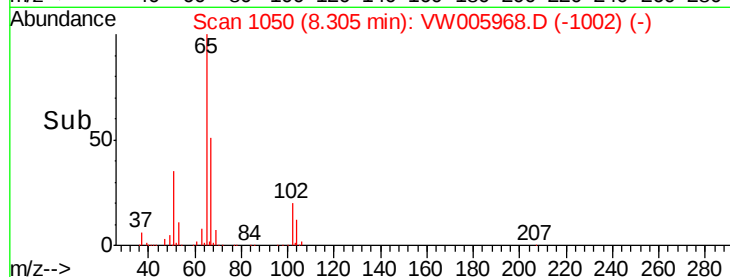
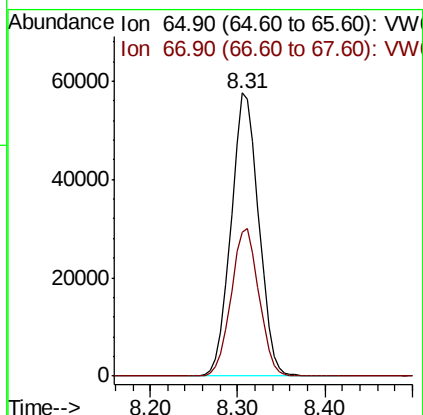
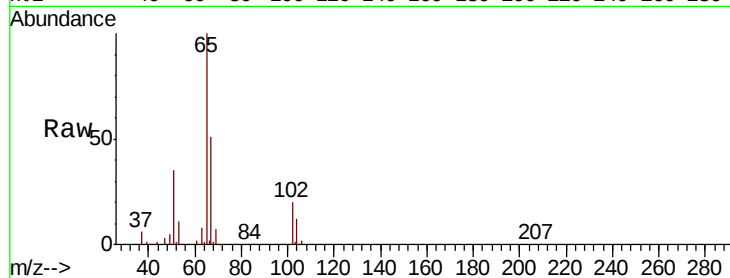




#33
 1,2-Dichloroethane-d4
 Concen: 53.726 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW005968.D
 Acq: 10 Oct 2018 04:50

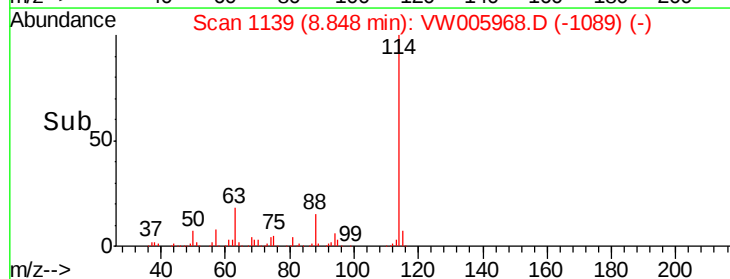
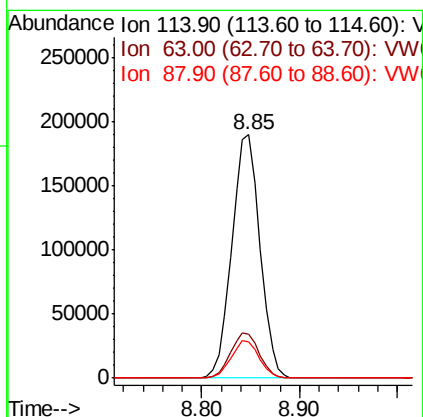
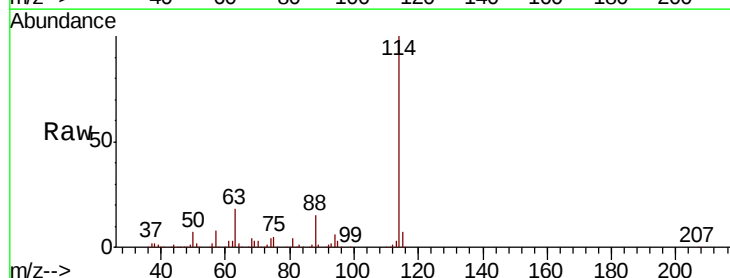
Instrument :
 MSVOA_W
 ClientSampleId :
 FL-PIT-8

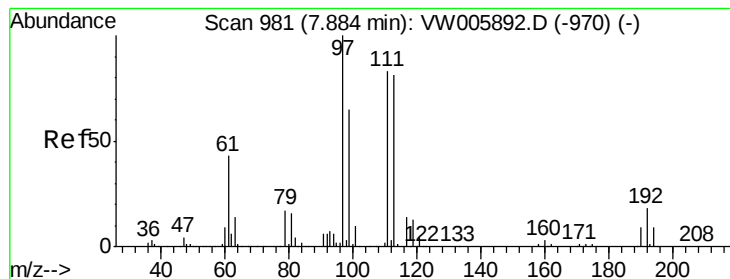
Tgt Ion: 65 Resp: 126588
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005968.D
 Acq: 10 Oct 2018 04:50

Tgt Ion: 114 Resp: 378131
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 39.2
 88 14.9 0.0 30.8





#35

Dibromofluoromethane

Concen: 52.117 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW005968.D

Acq: 10 Oct 2018 04:50

Instrument :

MSVOA_W

ClientSampled :

FL-PIT-8

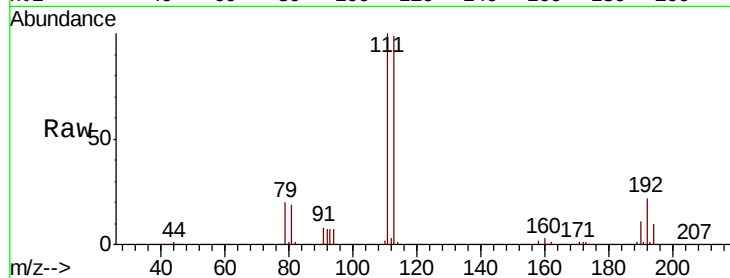
Tgt Ion: 113 Resp: 125820

Ion Ratio Lower Upper

113 100

111 102.0 82.0 123.0

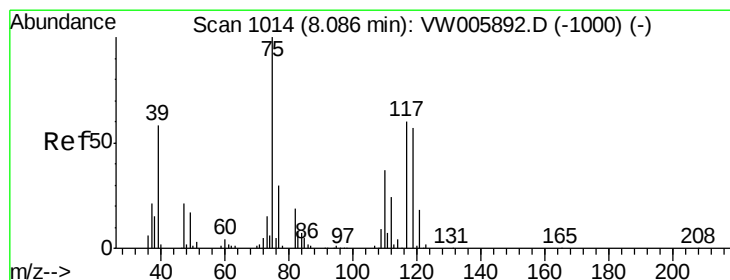
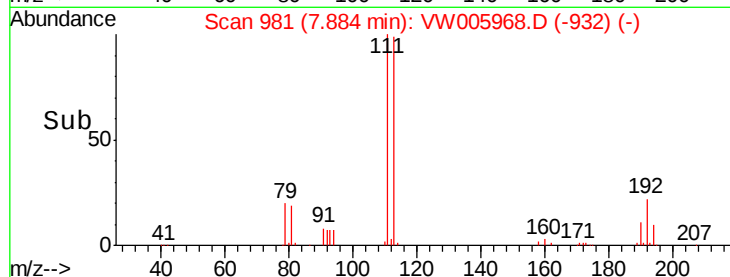
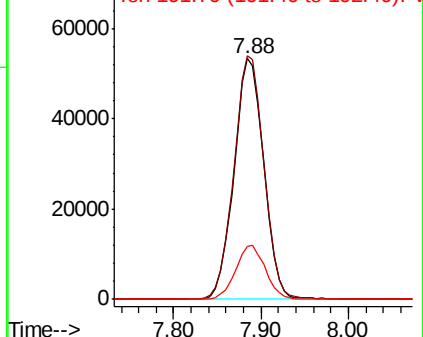
192 22.4 18.3 27.5



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: 4.530 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW005968.D

Acq: 10 Oct 2018 04:50

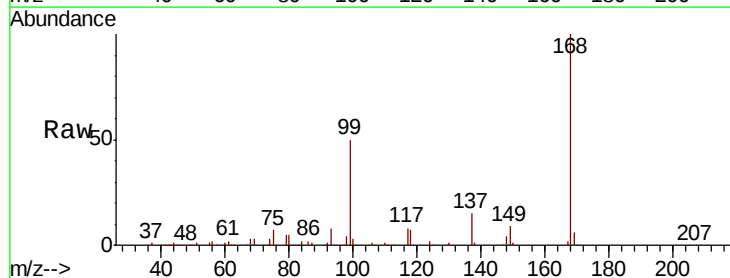
Tgt Ion: 75 Resp: 16415

Ion Ratio Lower Upper

75 100

110 9.7 18.6 56.0#

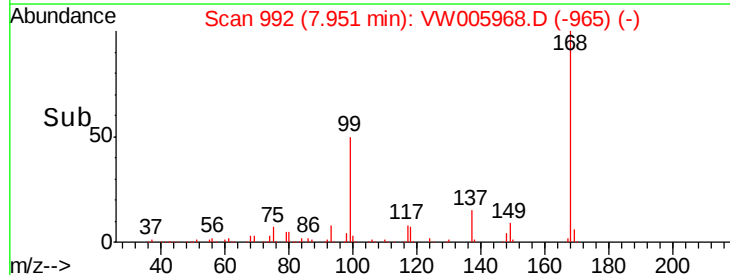
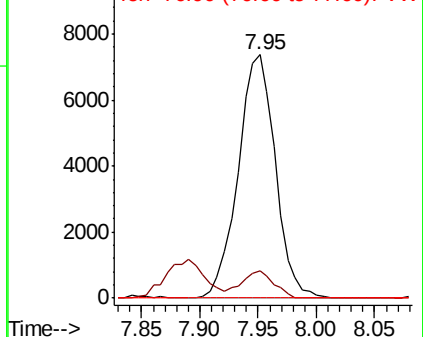
77 0.0 24.7 37.1#

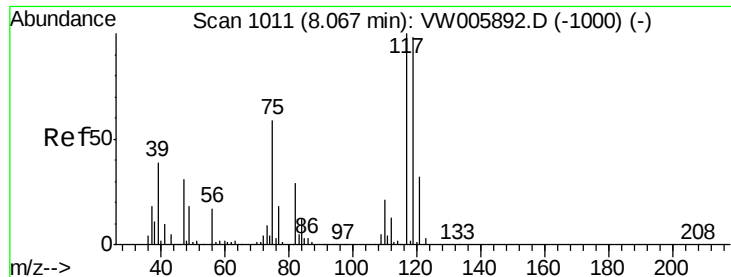


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 5.541 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW005968.D

Acq: 10 Oct 2018 04:50

Instrument :

MSVOA_W

ClientSampleId :

FL-PIT-8

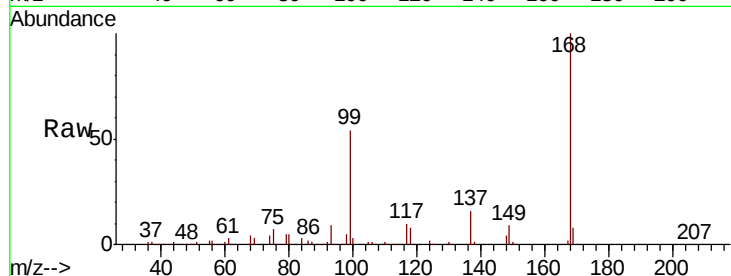
Tgt Ion:117 Resp: 21569

Ion Ratio Lower Upper

117 100

119 3.5 78.6 117.8#

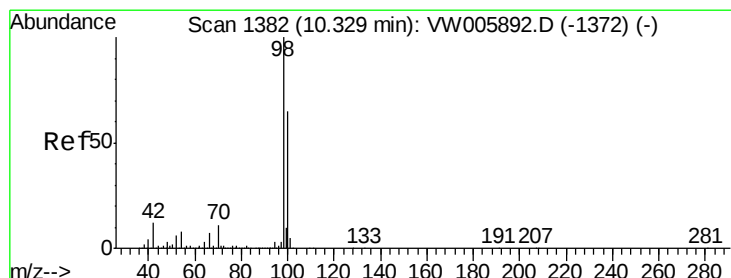
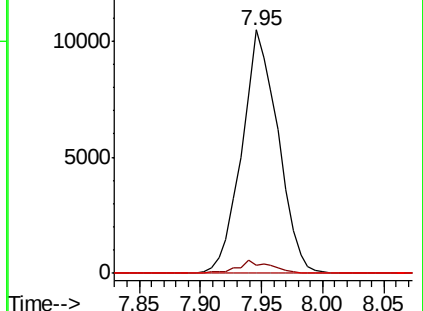
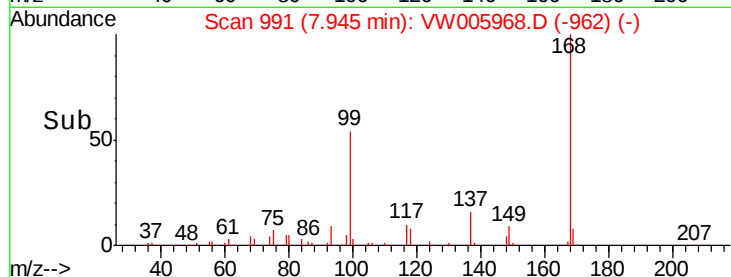
121 0.0 25.3 37.9#



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: 50.365 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005968.D

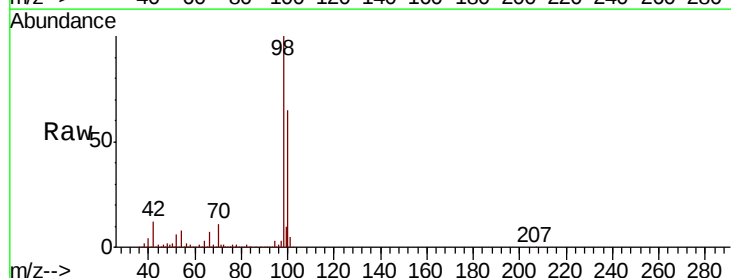
Acq: 10 Oct 2018 04:50

Tgt Ion: 98 Resp: 467813

Ion Ratio Lower Upper

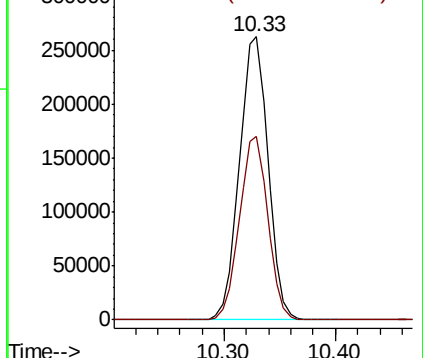
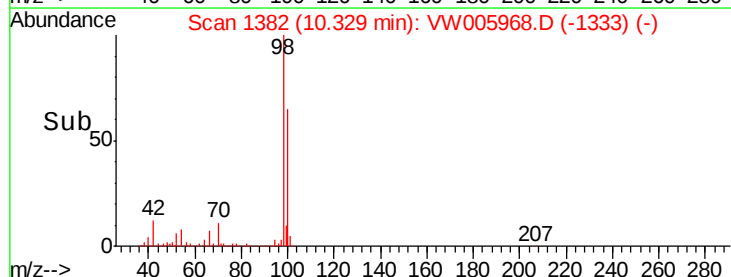
98 100

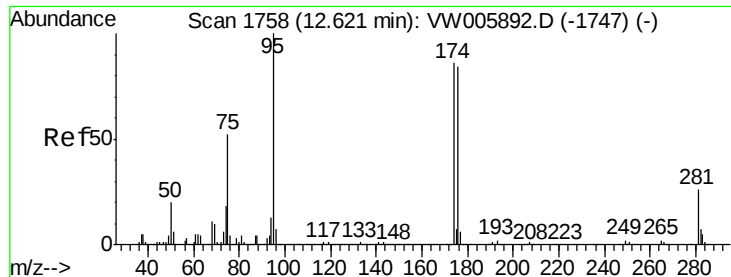
100 64.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

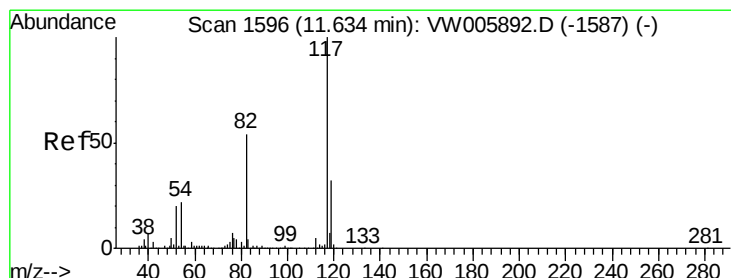
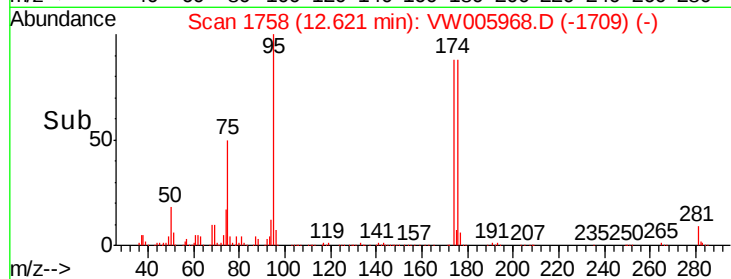
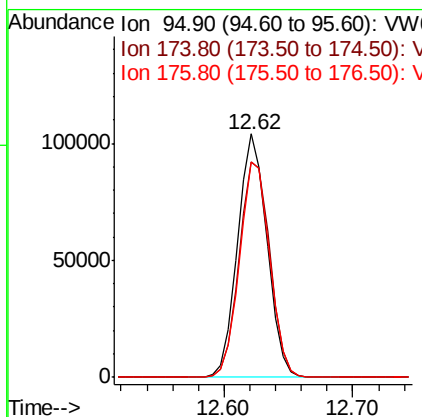
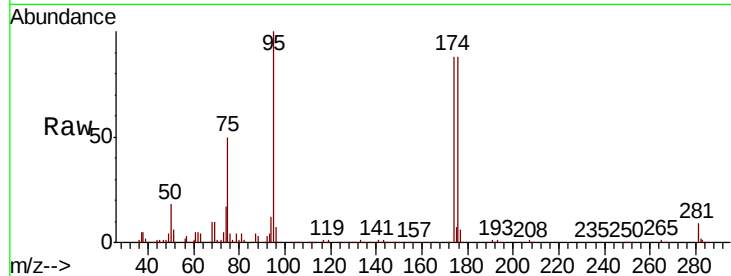




#62
4-Bromofluorobenzene
Concen: 46.456 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005968.D
Acq: 10 Oct 2018 04:50

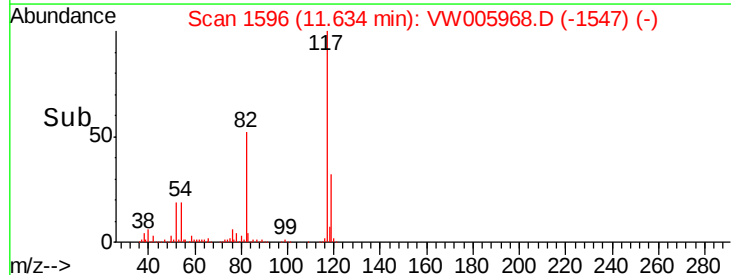
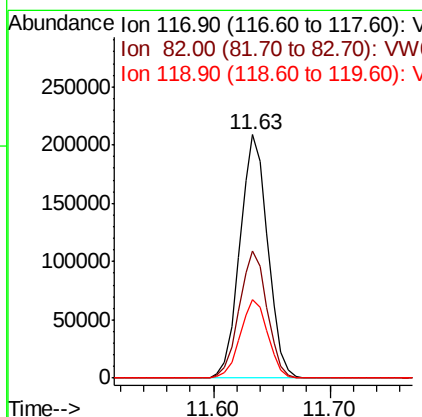
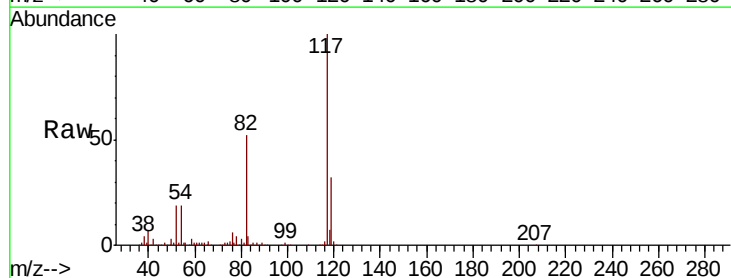
Instrument :
MSVOA_W
ClientSampleId :
FL-PIT-8

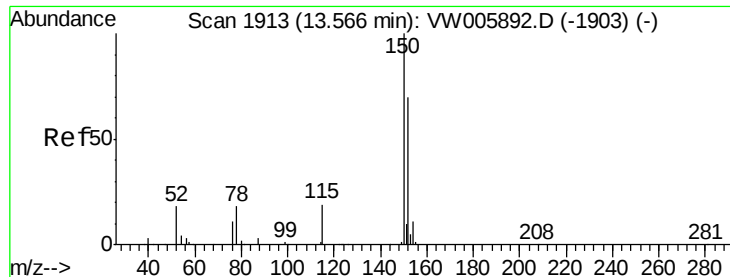
Tgt Ion: 95 Resp: 164171
Ion Ratio Lower Upper
95 100
174 92.6 0.0 176.4
176 90.5 0.0 173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005968.D
Acq: 10 Oct 2018 04:50

Tgt Ion: 117 Resp: 347417
Ion Ratio Lower Upper
117 100
82 52.4 43.5 65.3
119 32.3 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005968.D

Acq: 10 Oct 2018 04:50

Instrument :

MSVOA_W

ClientSampleId :

FL-PIT-8

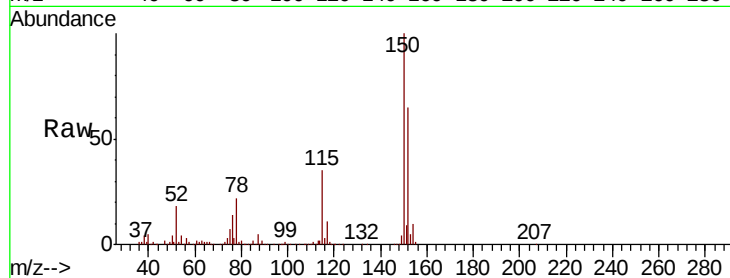
Tgt Ion:152 Resp: 175161

Ion Ratio Lower Upper

152 100

115 55.1 28.3 85.0

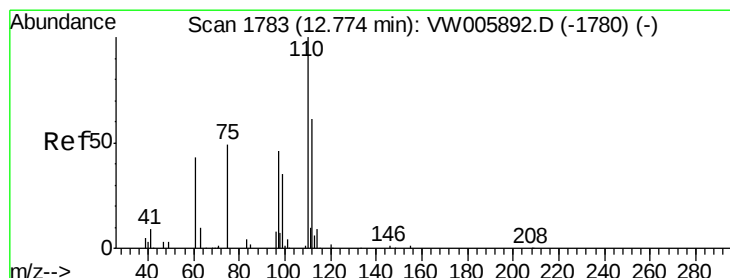
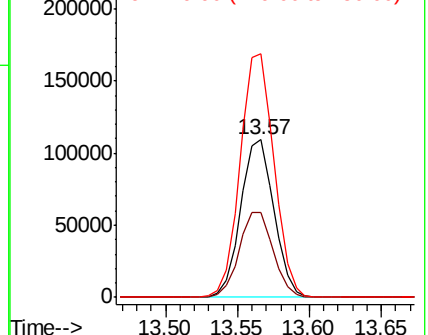
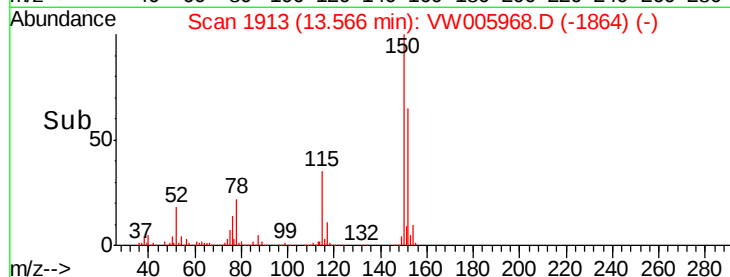
150 156.7 0.0 349.2



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: 52.987 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005968.D

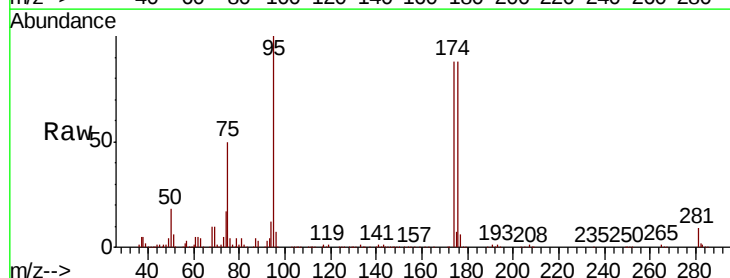
Acq: 10 Oct 2018 04:50

Tgt Ion: 75 Resp: 82907

Ion Ratio Lower Upper

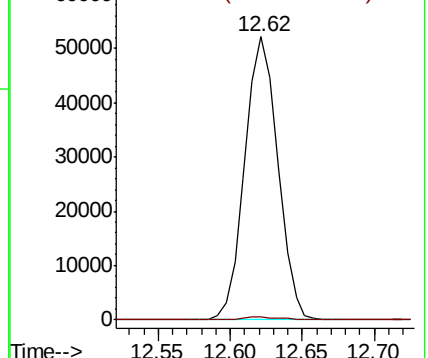
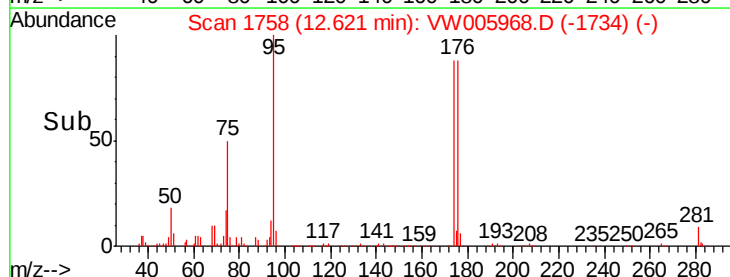
75 100

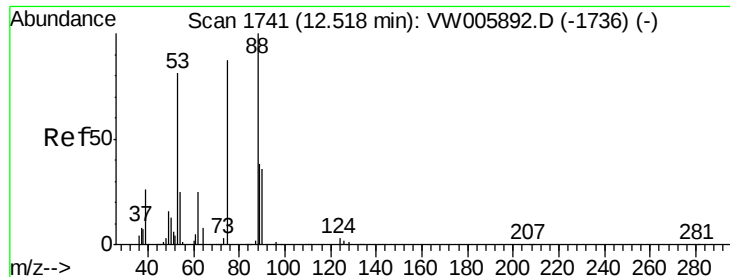
77 1.2 0.0 0.0#



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: 111.861 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005968.D

Acq: 10 Oct 2018 04:50

Instrument :

MSVOA_W

ClientSampleId :

FL-PIT-8

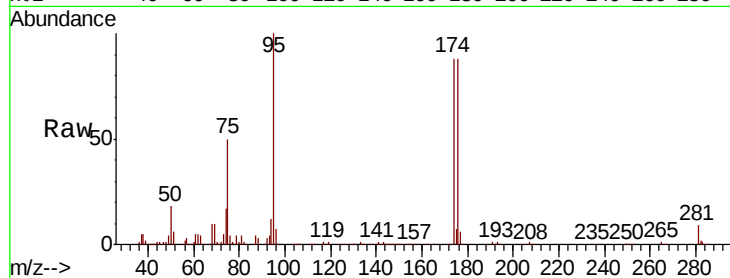
Tgt Ion: 75 Resp: 82907

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

