

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101018\
 Data File : VW005962.D
 Acq On : 10 Oct 2018 02:15
 Operator : SY/AP
 Sample : J5326-05RE
 Misc : 7.14G/5ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FL-PIT-2

Quant Time: Oct 10 03:00:20 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

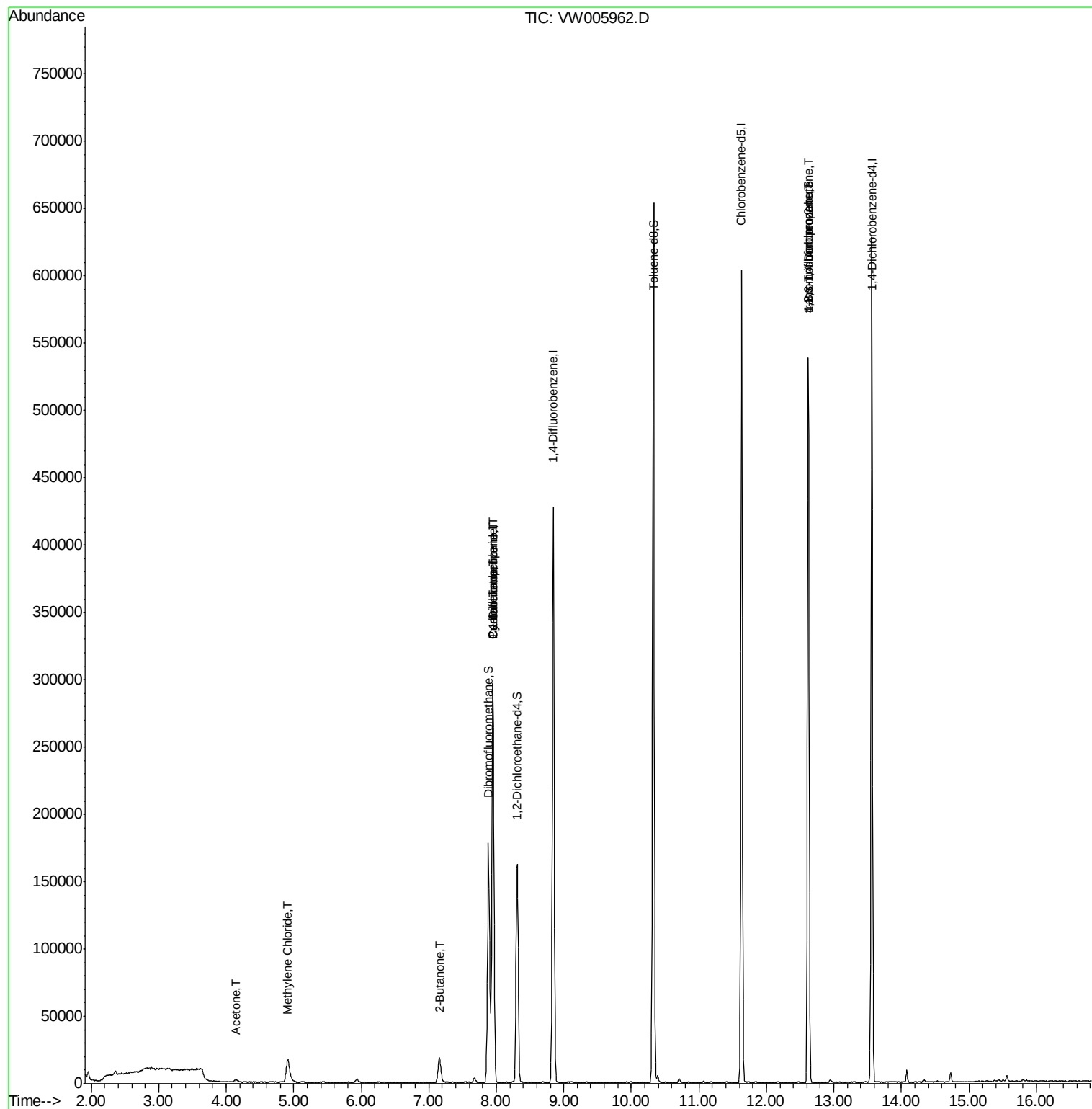
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	240713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	378256	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	340748	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	172502	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	127240	54.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.90%	
35) Dibromofluoromethane	7.88	113	122733	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.64%	
50) Toluene-d8	10.33	98	451713	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
62) 4-Bromofluorobenzene	12.62	95	161088	45.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.14%	
Target Compounds						
					Qvalue	
16) Acetone	4.15	43	3730	7.991	ug/l	99
20) Methylene Chloride	4.92	84	16142	6.903	ug/l	92
25) 2-Butanone	7.16	43	1335	2.011	ug/l #	79
31) Cyclohexane	7.95	56	4897	1.197	ug/l #	21
36) 1,1-Dichloropropene	7.95	75	16271	4.489	ug/l #	49
38) Carbon Tetrachloride	7.95	117	21594	5.545	ug/l #	14
76) 1,2,3-Trichloropropane	12.62	75	82283	53.399	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	82283	112.731	ug/l #	11

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

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QLast Update : Tue Oct 09 02:14:04 2018
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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: VW005962.D

Acq: 10 Oct 2018 02:15

Instrument :

MSVOA_W

ClientSampled :

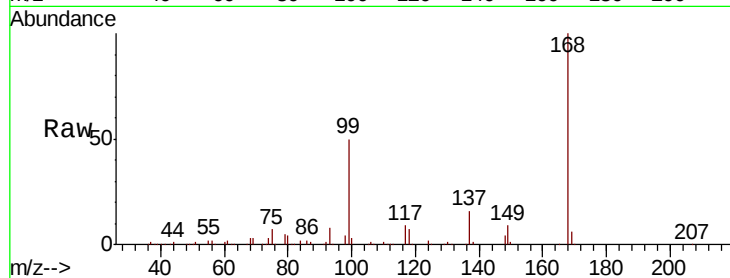
FL-PIT-2

Tgt Ion:168 Resp: 240713

Ion Ratio Lower Upper

168 100

99 49.9 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

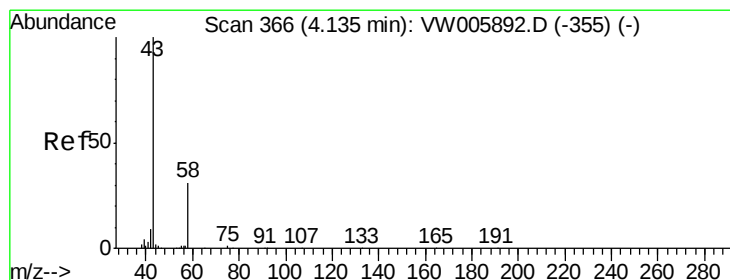
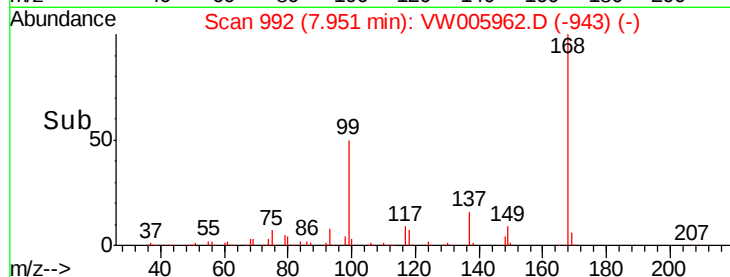
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 7.991 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW005962.D

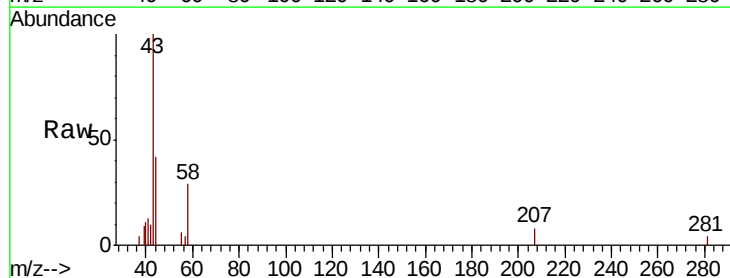
Acq: 10 Oct 2018 02:15

Tgt Ion: 43 Resp: 3730

Ion Ratio Lower Upper

43 100

58 30.5 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

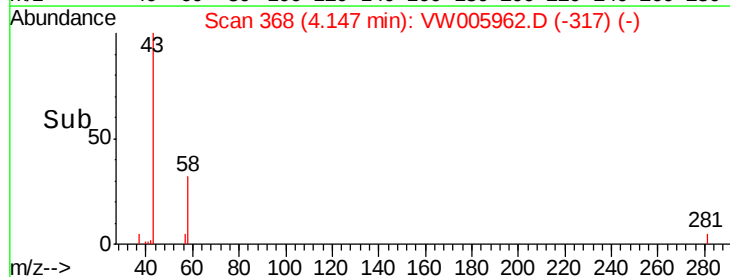
1500

1000

500

0

Time--> 4.00 4.10 4.20 4.30

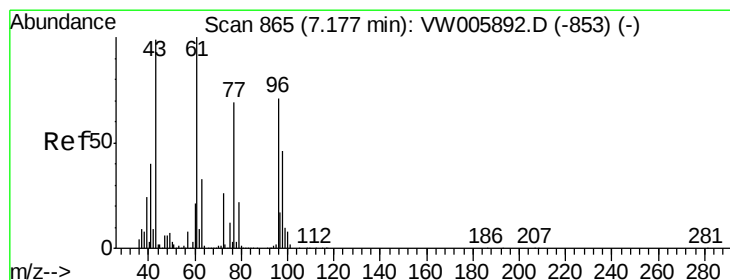
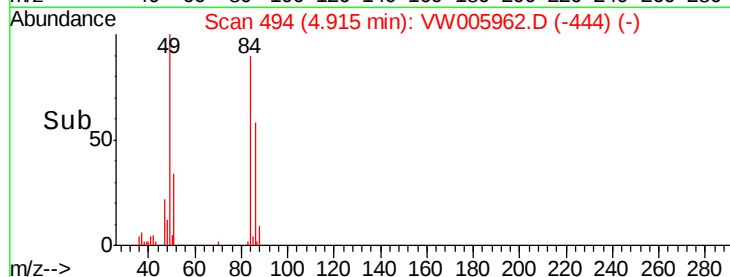
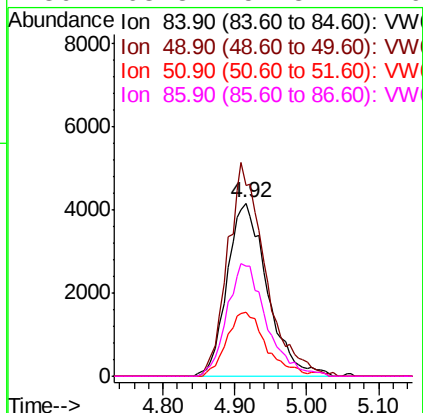
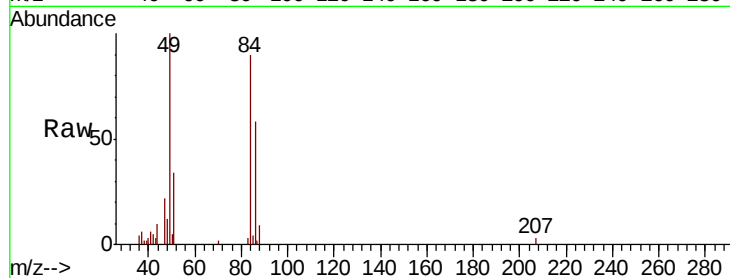




#20
Methylene Chloride
Concen: 6.903 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW005962.D
Acq: 10 Oct 2018 02:15

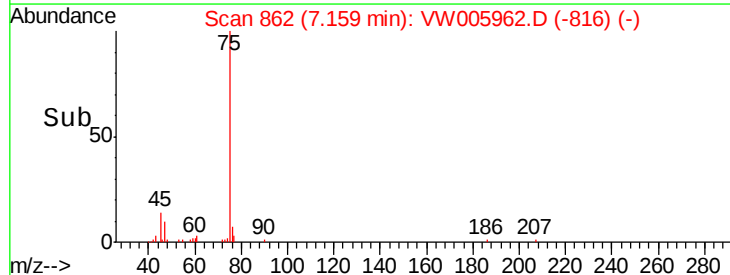
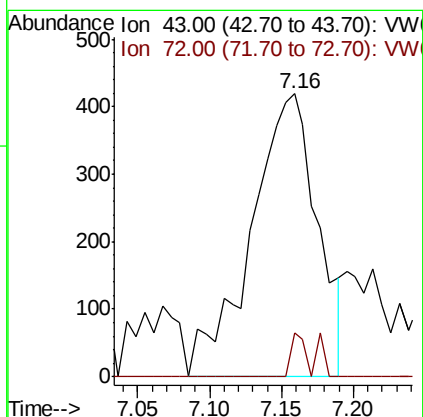
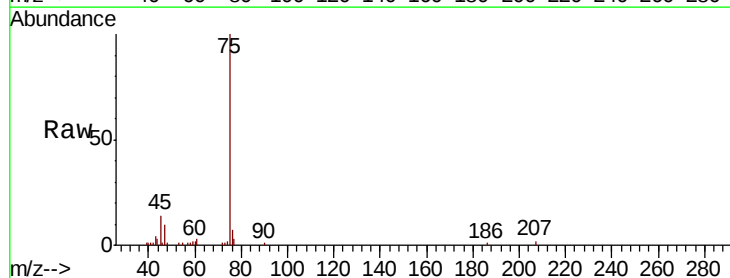
Instrument :
MSVOA_W
ClientSampleId :
FL-PIT-2

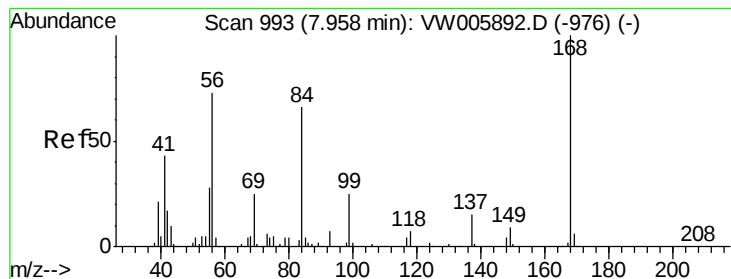
Tgt Ion:	84	Resp:	16142
Ion	Ratio	Lower	Upper
84	100		
49	110.6	99.9	149.9
51	37.1	31.1	46.7
86	63.8	51.8	77.6



#25
2-Butanone
Concen: 2.011 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: VW005962.D
Acq: 10 Oct 2018 02:15

Tgt Ion:	43	Resp:	1335
Ion	Ratio	Lower	Upper
43	100		
72	15.5	21.0	31.4#





#31

Cyclohexane

Concen: 1.197 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW005962.D

Acq: 10 Oct 2018 02:15

Instrument :

MSVOA_W

ClientSampleId :

FL-PIT-2

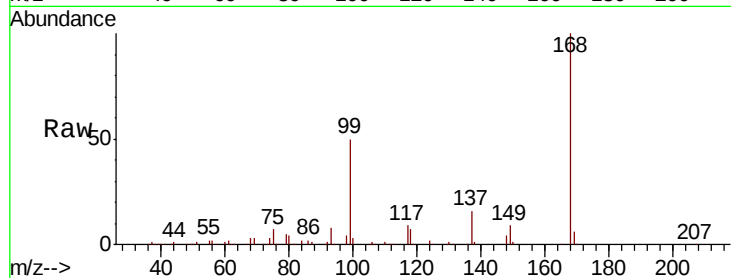
Tgt Ion: 56 Resp: 4897

Ion Ratio Lower Upper

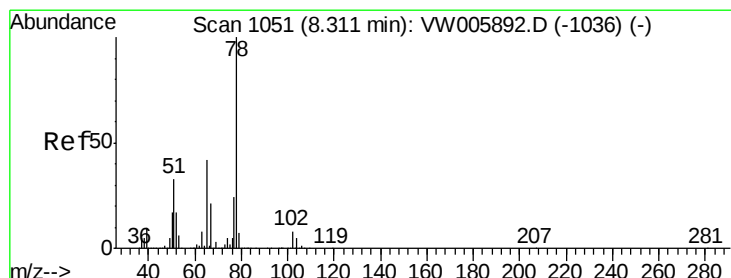
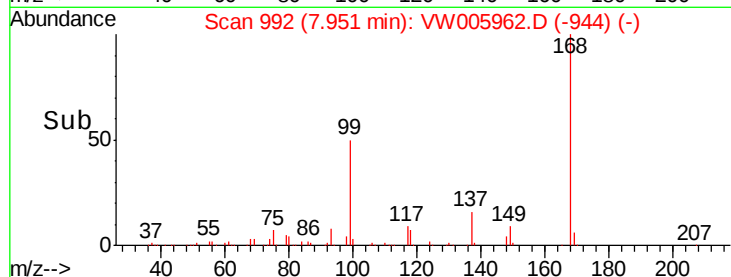
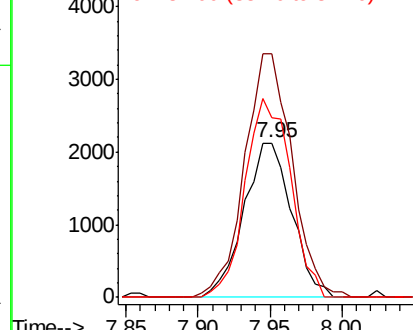
56 100

69 157.4 27.9 41.9#

84 116.3 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: 54.451 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW005962.D

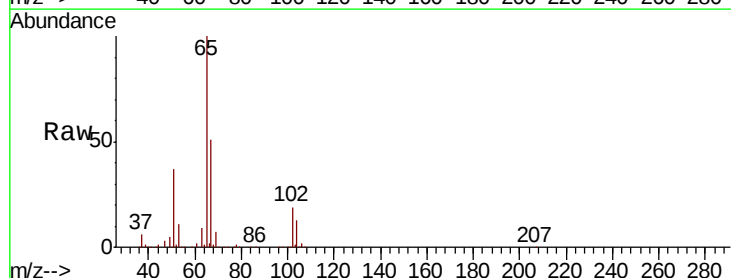
Acq: 10 Oct 2018 02:15

Tgt Ion: 65 Resp: 127240

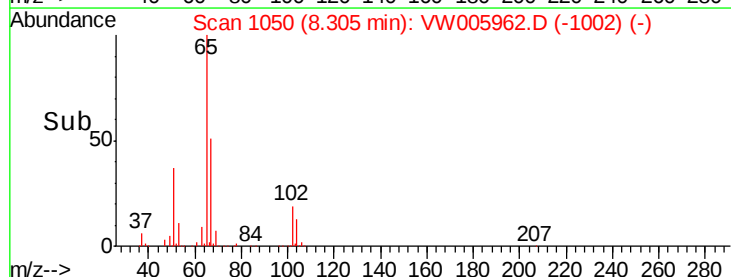
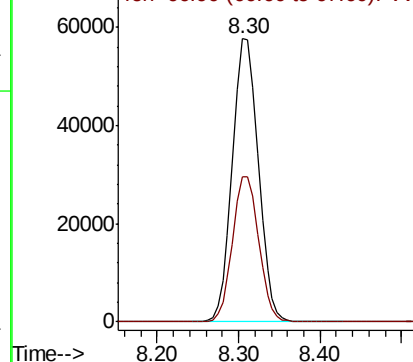
Ion Ratio Lower Upper

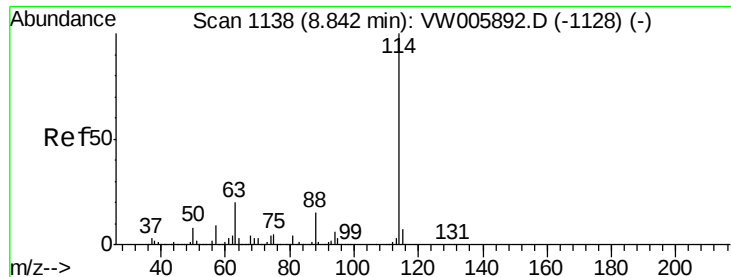
65 100

67 51.6 0.0 104.6



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

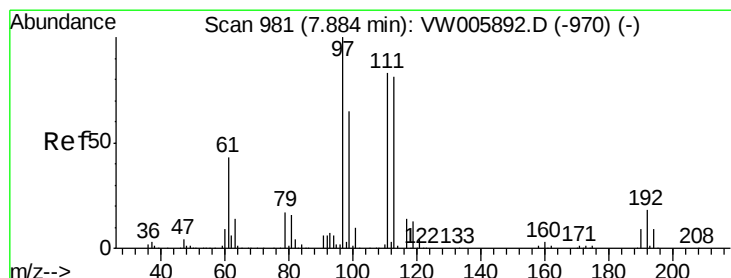
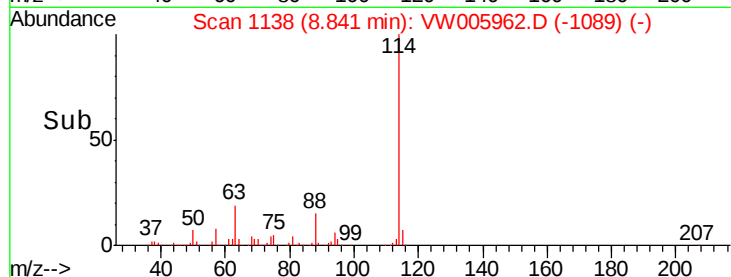
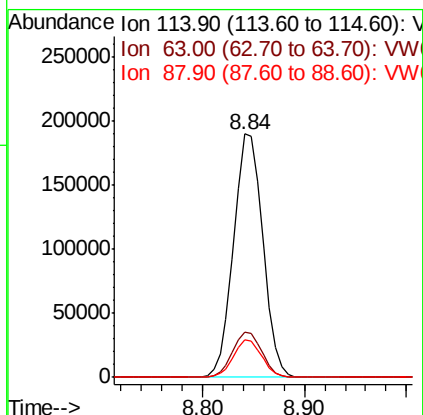
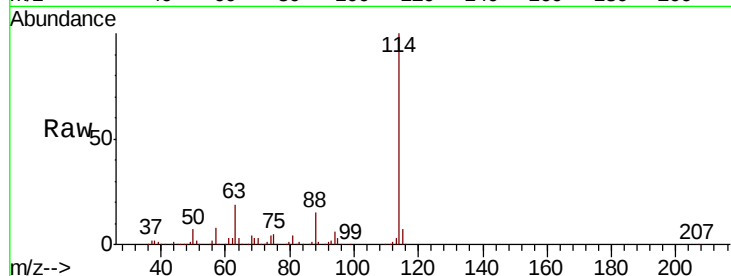




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW005962.D
 Acq: 10 Oct 2018 02:15

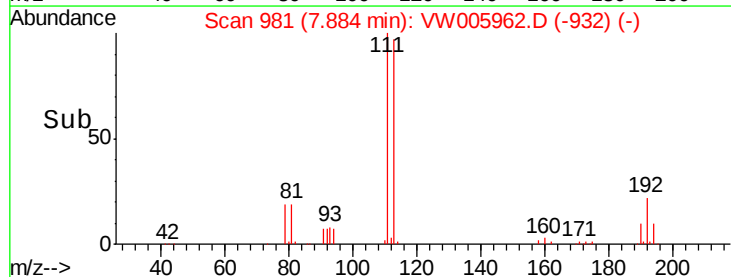
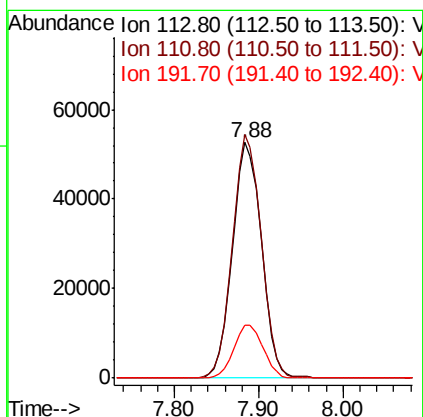
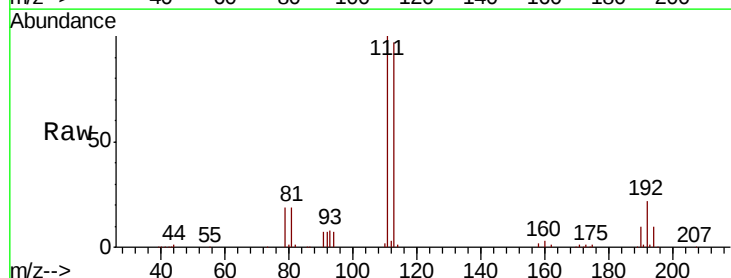
Instrument :
 MSVOA_W
 ClientSampleId :
 FL-PIT-2

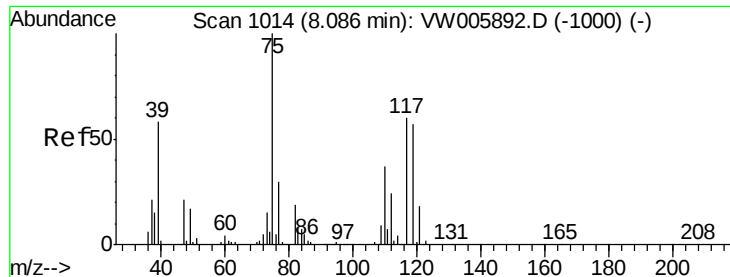
Tgt Ion:114 Resp: 378256
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.2
 88 15.2 0.0 30.8



#35
 Dibromofluoromethane
 Concen: 50.821 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW005962.D
 Acq: 10 Oct 2018 02:15

Tgt Ion:113 Resp: 122733
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.0 123.0
 192 22.7 18.3 27.5

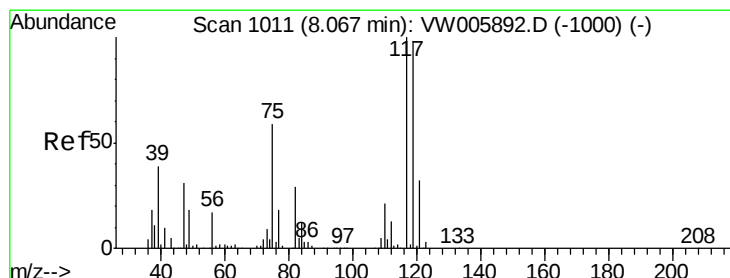
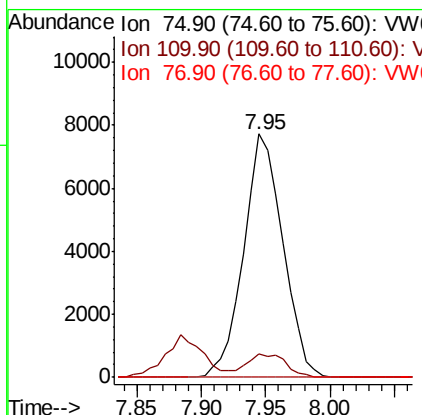
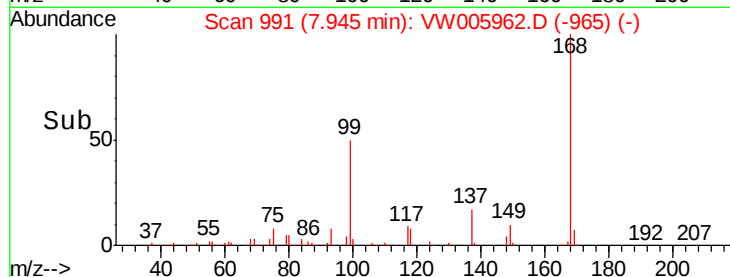
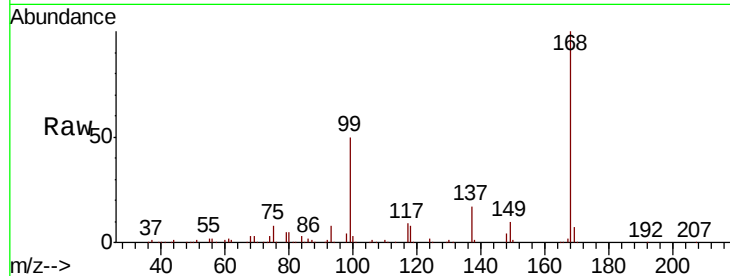




#36
 1,1-Dichloropropene
 Concen: 4.489 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW005962.D
 Acq: 10 Oct 2018 02:15

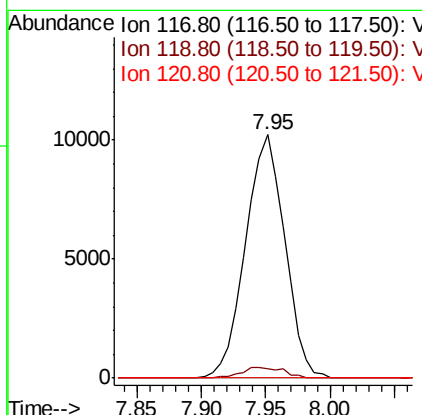
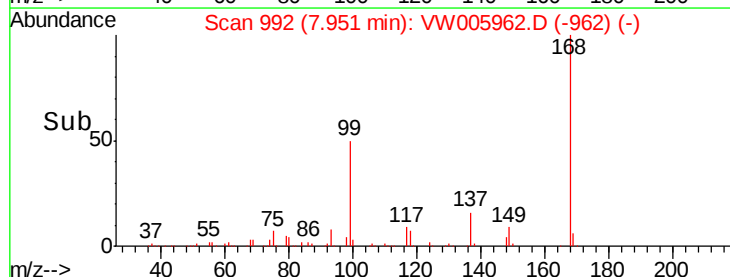
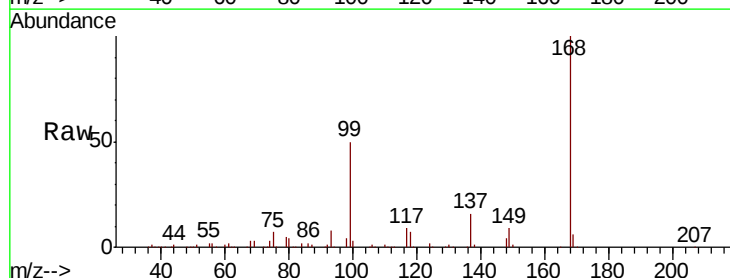
Instrument :
 MSVOA_W
 ClientSampled :
 FL-PIT-2

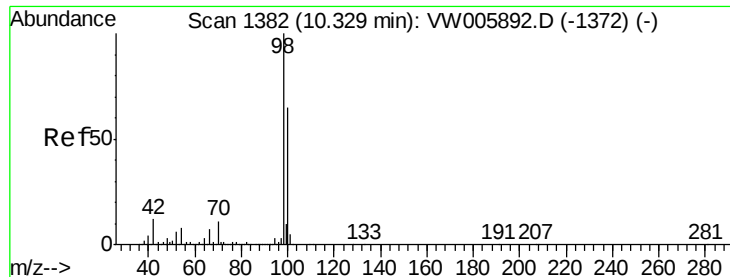
Tgt Ion: 75 Resp: 16271
 Ion Ratio Lower Upper
 75 100
 110 9.8 18.6 56.0#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.545 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW005962.D
 Acq: 10 Oct 2018 02:15

Tgt Ion: 117 Resp: 21594
 Ion Ratio Lower Upper
 117 100
 119 3.9 78.6 117.8#
 121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 48.615 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005962.D

Acq: 10 Oct 2018 02:15

Instrument :

MSVOA_W

ClientSampled :

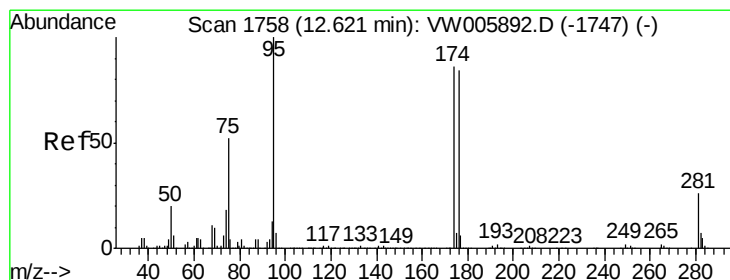
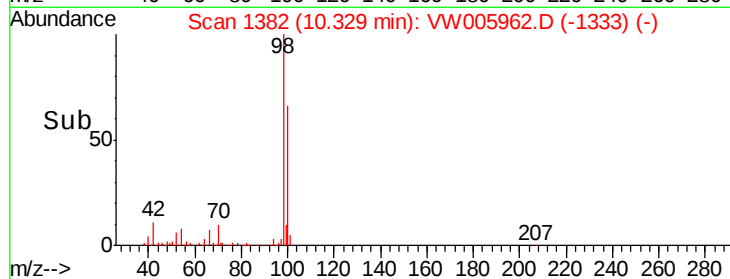
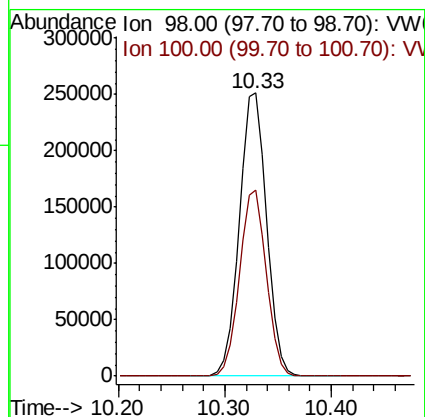
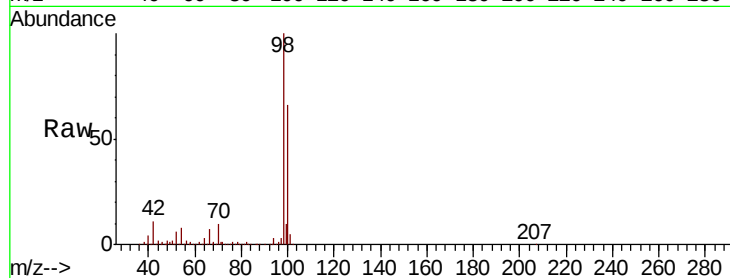
FL-PIT-2

Tgt Ion: 98 Resp: 451713

Ion Ratio Lower Upper

98 100

100 64.8 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 45.568 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005962.D

Acq: 10 Oct 2018 02:15

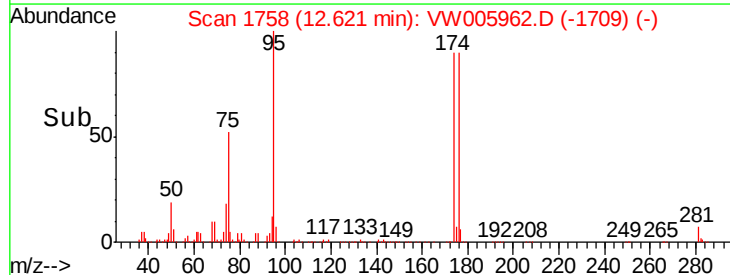
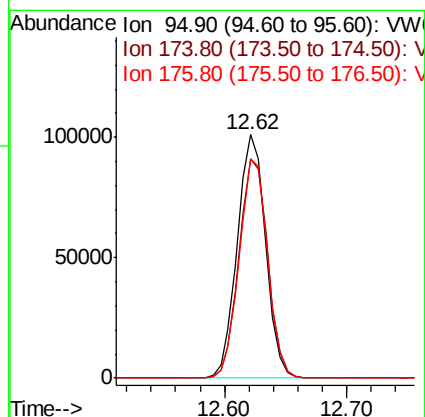
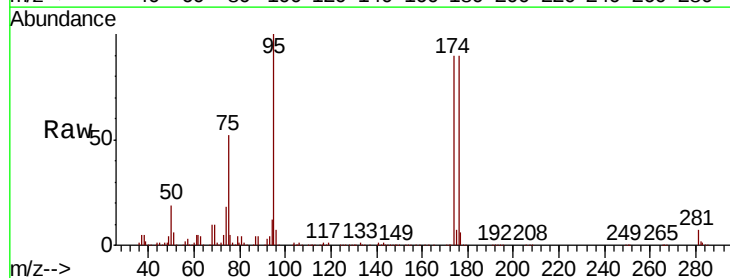
Tgt Ion: 95 Resp: 161088

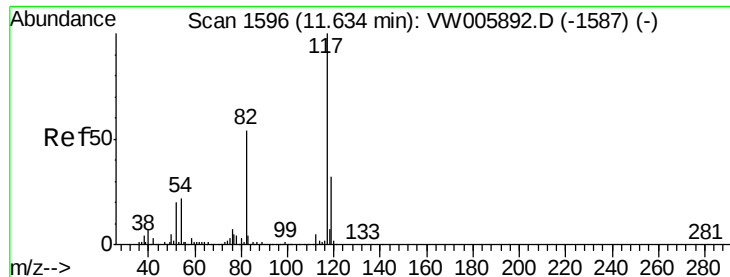
Ion Ratio Lower Upper

95 100

174 91.7 0.0 176.4

176 90.5 0.0 173.0

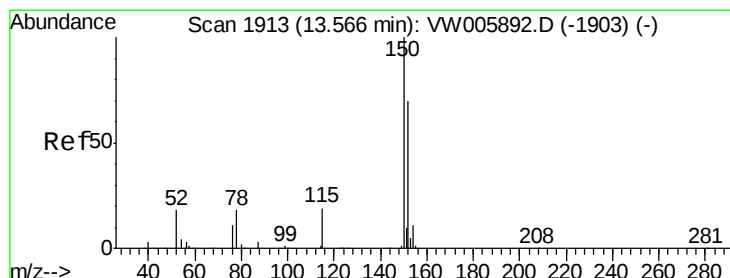
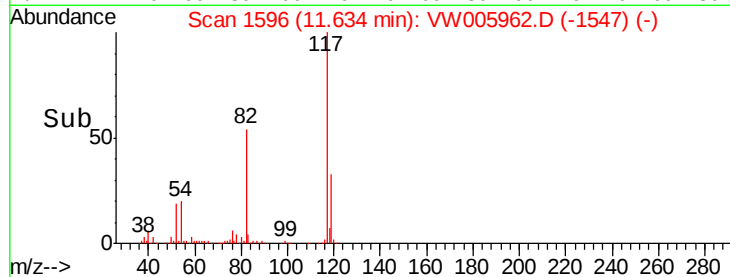
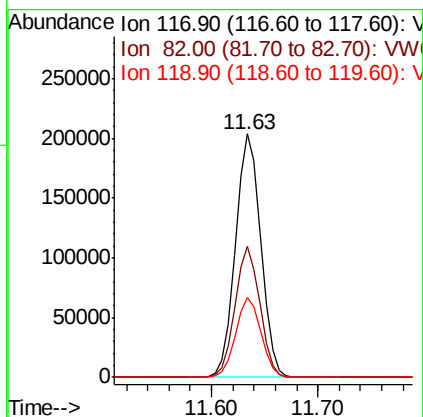
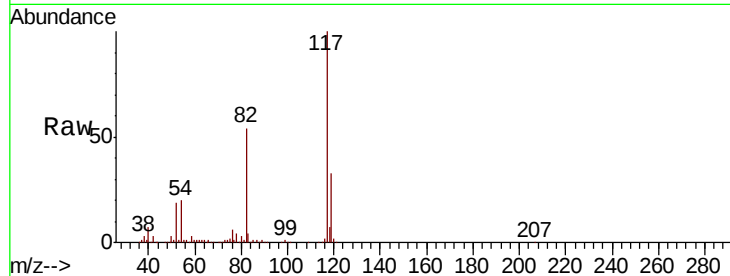




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005962.D
Acq: 10 Oct 2018 02:15

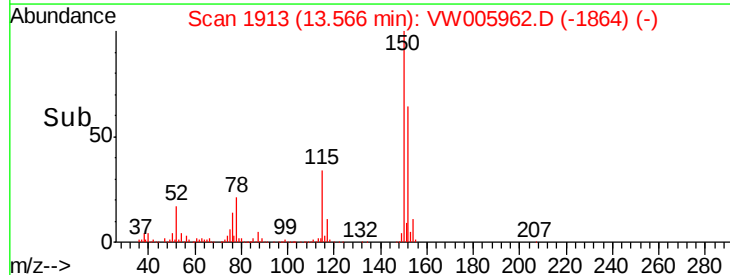
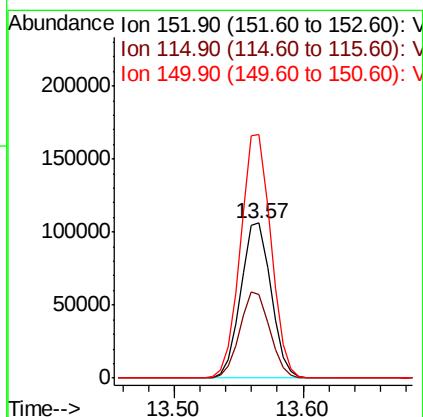
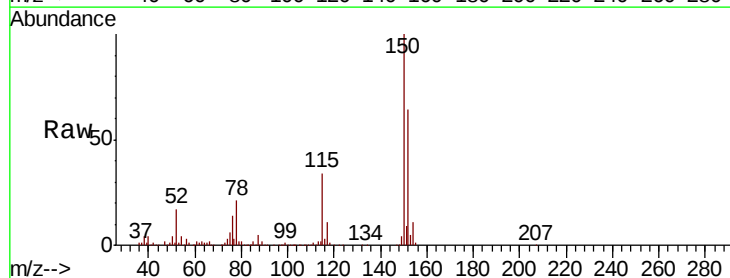
Instrument :
MSVOA_W
ClientSampleId :
FL-PIT-2

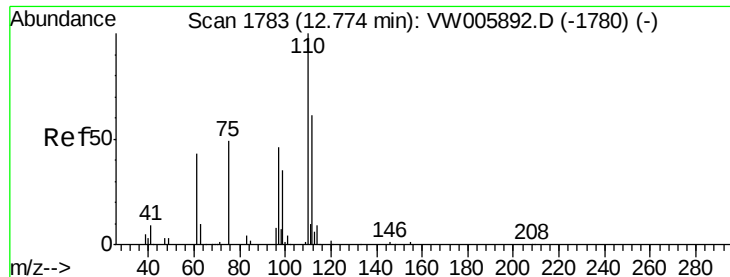
Tgt Ion:117 Resp: 340748
Ion Ratio Lower Upper
117 100
82 53.6 43.5 65.3
119 32.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005962.D
Acq: 10 Oct 2018 02:15

Tgt Ion:152 Resp: 172502
Ion Ratio Lower Upper
152 100
115 54.9 28.3 85.0
150 157.7 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 53.399 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005962.D

Acq: 10 Oct 2018 02:15

Instrument :

MSVOA_W

ClientSampleId :

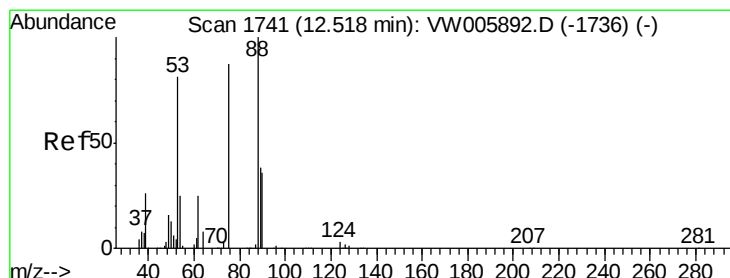
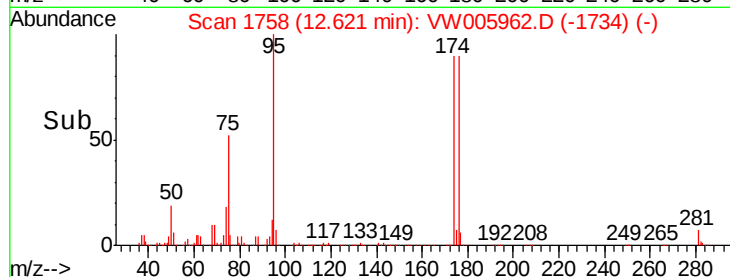
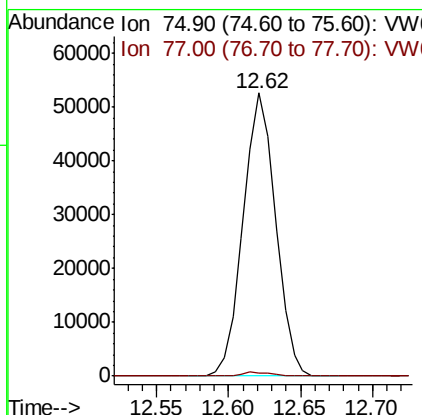
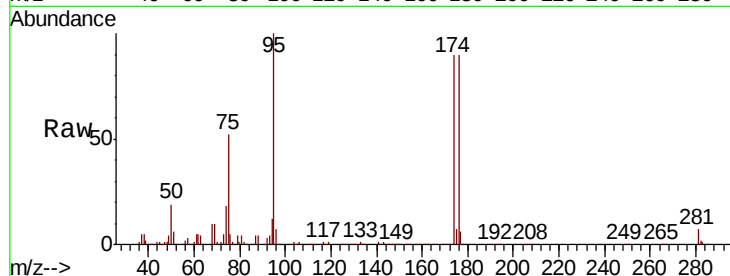
FL-PIT-2

Tgt Ion: 75 Resp: 82283

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 112.731 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005962.D

Acq: 10 Oct 2018 02:15

Tgt Ion: 75 Resp: 82283

Ion Ratio Lower Upper

75 100

53 0.0 76.5 114.7#

89 0.0 37.6 56.4#

