

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101018\
 Data File : VW005963.D
 Acq On : 10 Oct 2018 02:40
 Operator : SY/AP
 Sample : J5326-09RE
 Misc : 5.59G/5ML/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FL-PIT-3

Quant Time: Oct 10 05:37:34 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	243870	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	376012	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	343597	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	173992	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	122881	51.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.80%	
35) Dibromofluoromethane	7.88	113	120668	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.52%	
50) Toluene-d8	10.33	98	447309	48.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.86%	
62) 4-Bromofluorobenzene	12.62	95	156341	44.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.98%	

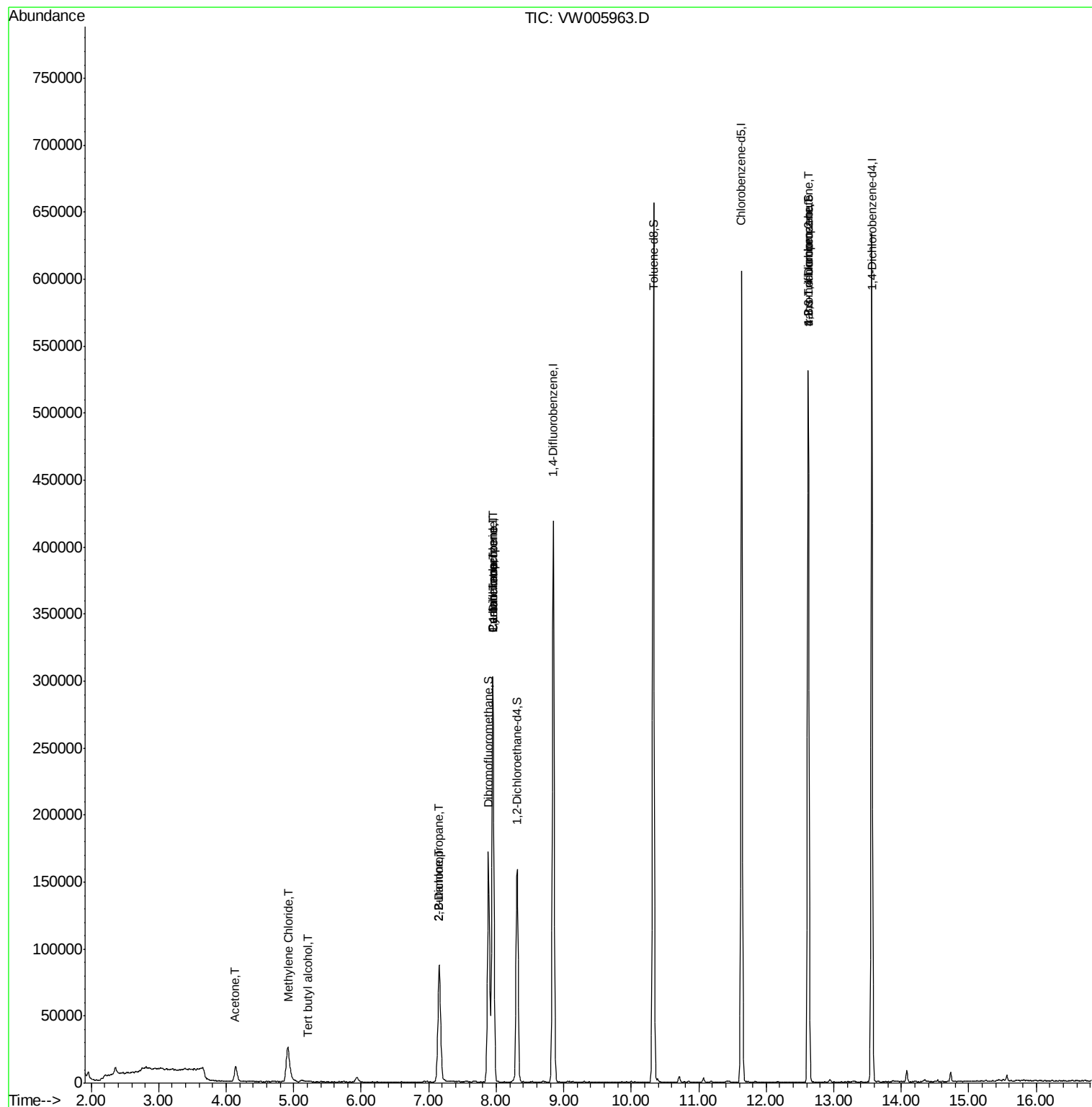
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	761	4.386	ug/l #	83
16) Acetone	4.14	43	21564	45.602	ug/l	93
20) Methylene Chloride	4.91	84	24187	10.209	ug/l	96
25) 2-Butanone	7.15	43	5160	7.672	ug/l #	83
26) 2,2-Dichloropropane	7.15	77	6273	2.128	ug/l #	52
31) Cyclohexane	7.95	56	4905	1.183	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	16390	4.549	ug/l #	49
38) Carbon Tetrachloride	7.95	117	21888	5.654	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	79219	50.970	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	79219	107.603	ug/l #	11

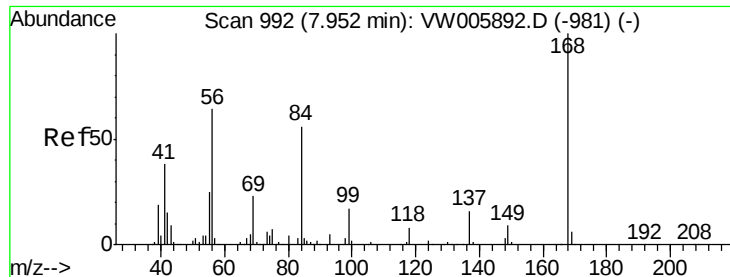
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101018\
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Quant Time: Oct 10 05:37:34 2018
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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: VW005963.D

Acq: 10 Oct 2018 02:40

Instrument :

MSVOA_W

ClientSampleId :

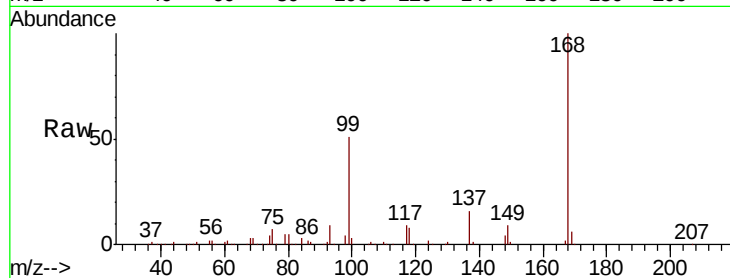
FL-PIT-3

Tgt Ion: 168 Resp: 243870

Ion Ratio Lower Upper

168 100

99 50.6 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

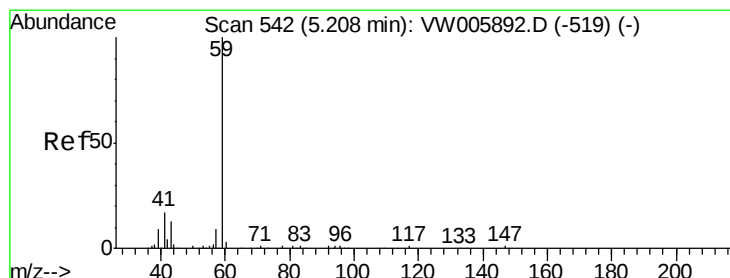
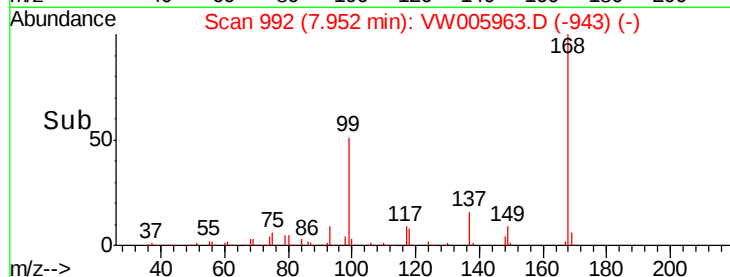
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 4.386 ug/l

RT: 5.21 min Scan# 542

Delta R.T. 0.00 min

Lab File: VW005963.D

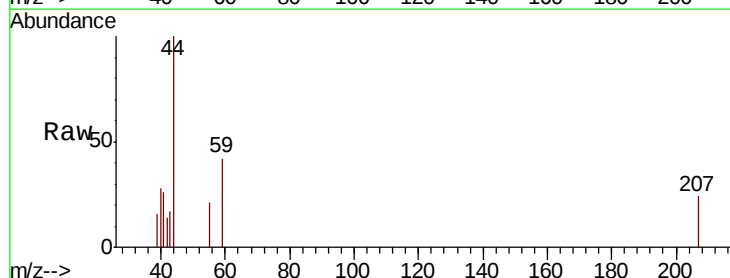
Acq: 10 Oct 2018 02:40

Tgt Ion: 59 Resp: 761

Ion Ratio Lower Upper

59 100

57 3.3 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.21

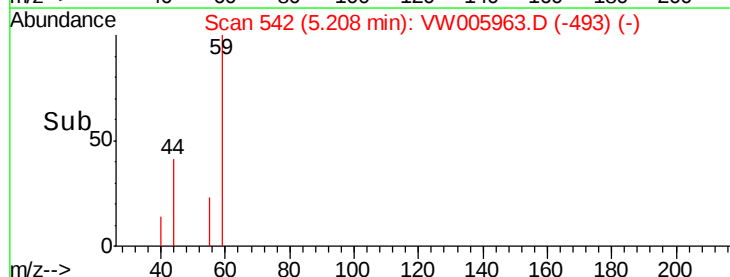
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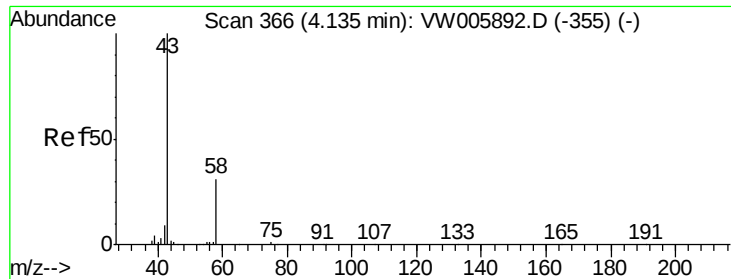
200

100

0

Time-->





#16

Acetone

Concen: 45.602 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW005963.D

Acq: 10 Oct 2018 02:40

Instrument :

MSVOA_W

ClientSampleId :

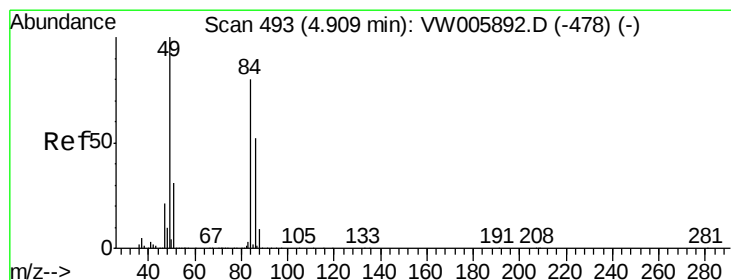
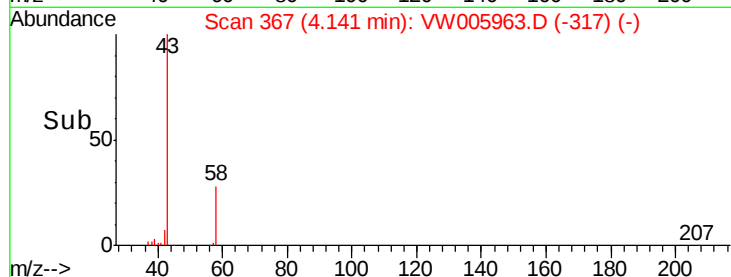
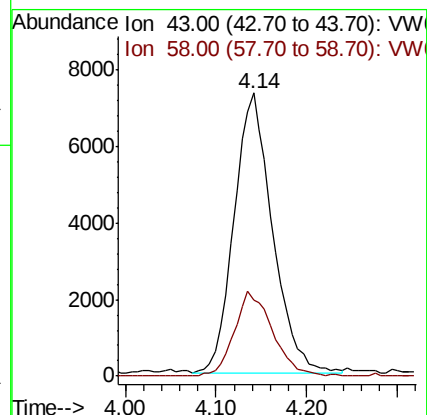
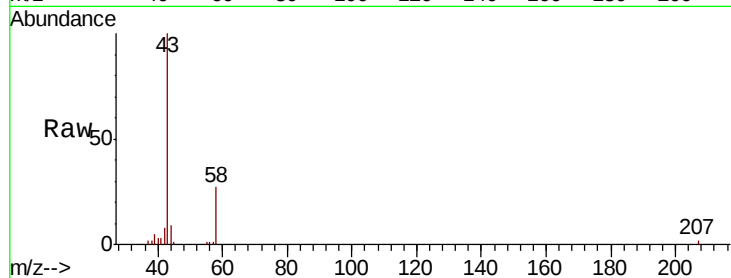
FL-PIT-3

Tgt Ion: 43 Resp: 21564

Ion Ratio Lower Upper

43 100

58 27.2 24.7 37.1



#20

Methylene Chloride

Concen: 10.209 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW005963.D

Acq: 10 Oct 2018 02:40

Tgt Ion: 84 Resp: 24187

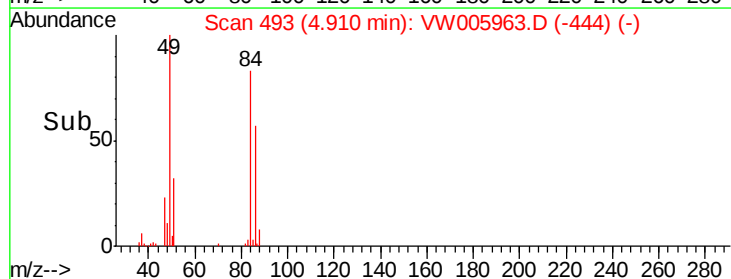
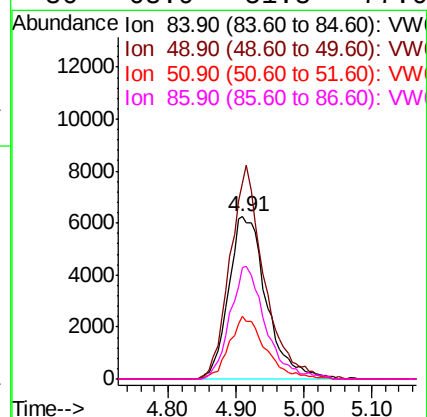
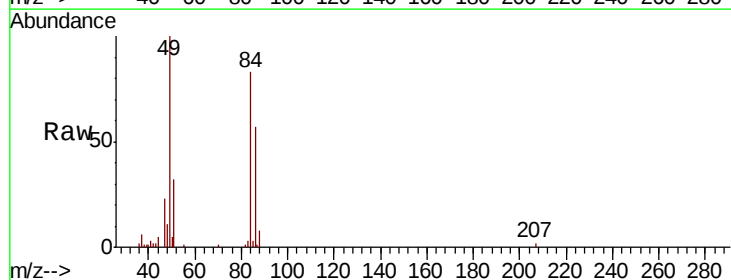
Ion Ratio Lower Upper

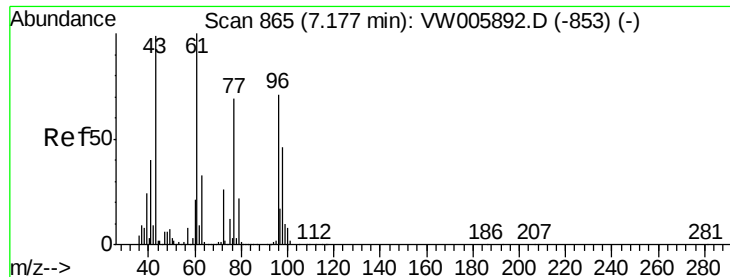
84 100

49 120.3 99.9 149.9

51 38.7 31.1 46.7

86 68.9 51.8 77.6





#25

2-Butanone

Concen: 7.672 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: VW005963.D

Acq: 10 Oct 2018 02:40

Instrument :

MSVOA_W

ClientSampled :

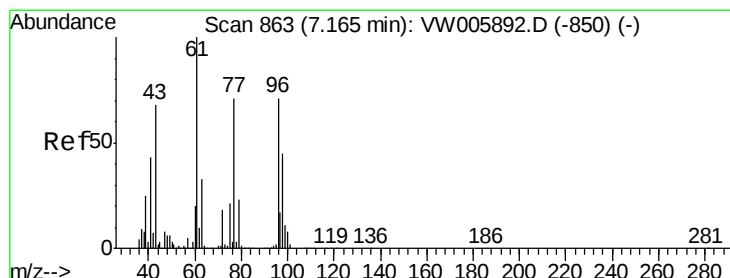
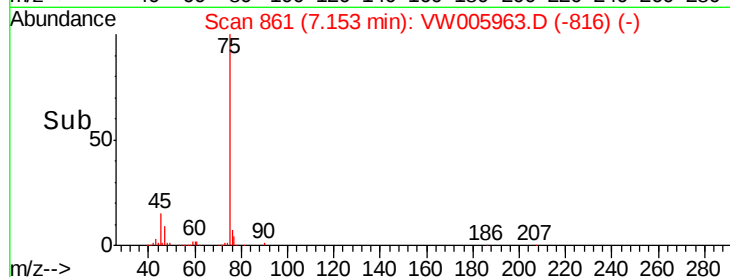
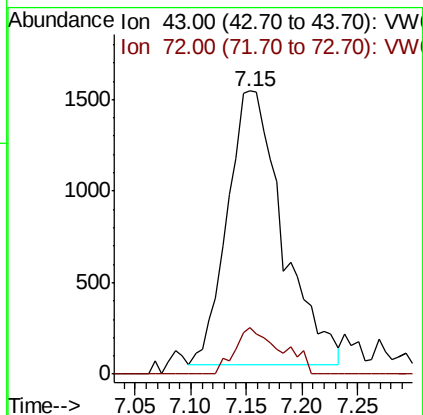
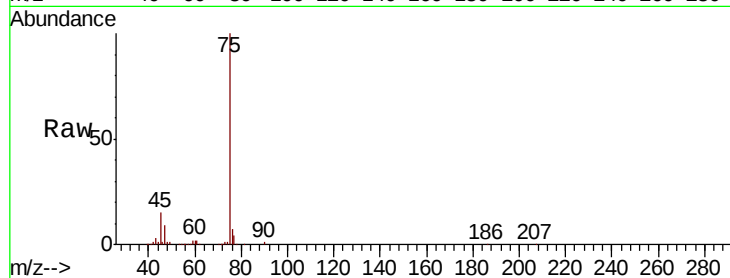
FL-PIT-3

Tgt Ion: 43 Resp: 5160

Ion Ratio Lower Upper

43 100

72 17.3 21.0 31.4#



#26

2,2-Dichloropropane

Concen: 2.128 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: VW005963.D

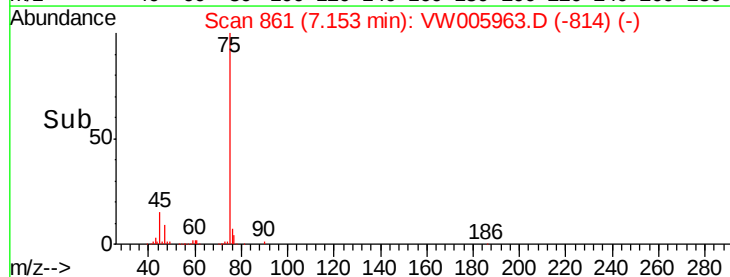
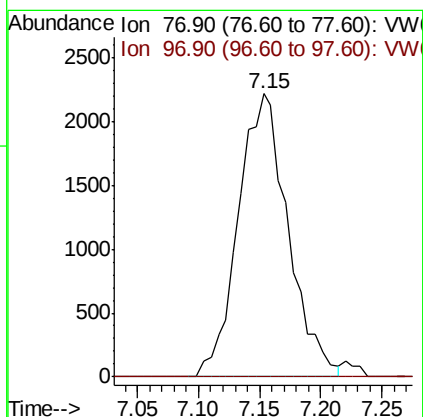
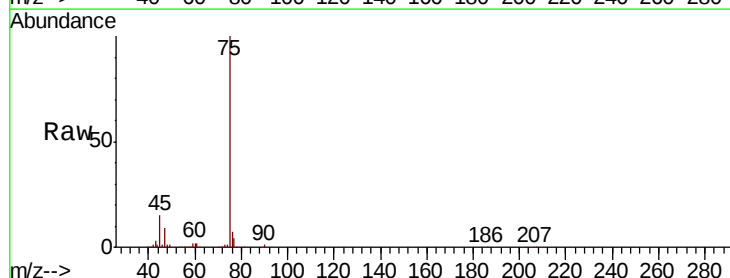
Acq: 10 Oct 2018 02:40

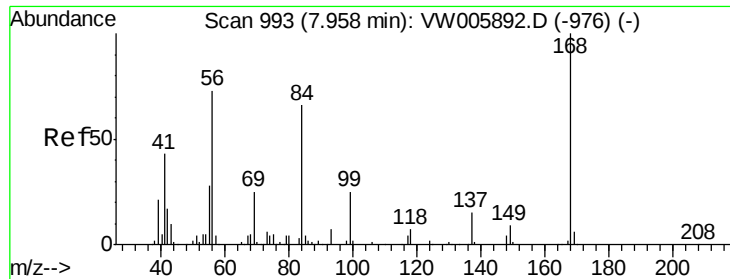
Tgt Ion: 77 Resp: 6273

Ion Ratio Lower Upper

77 100

97 0.0 11.9 35.7#

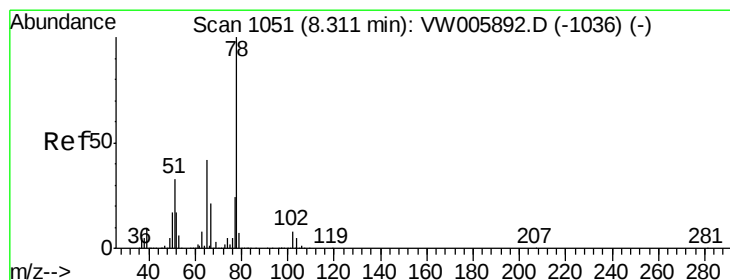
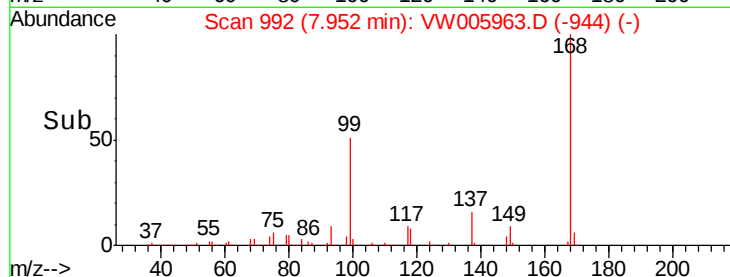
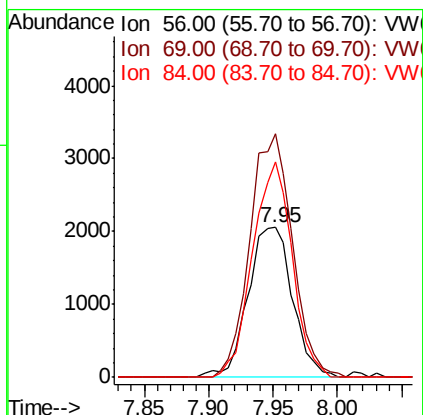
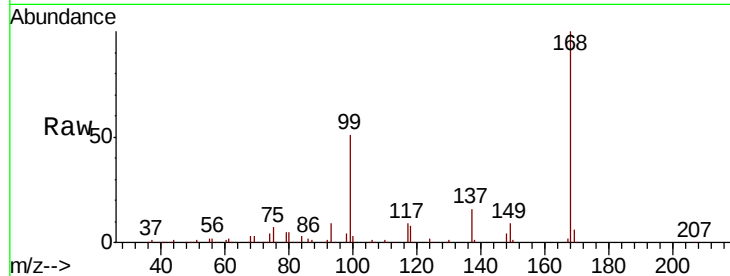




#31
Cyclohexane
Concen: 1.183 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005963.D
Acq: 10 Oct 2018 02:40

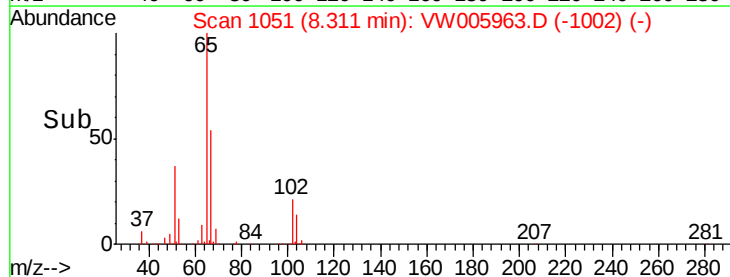
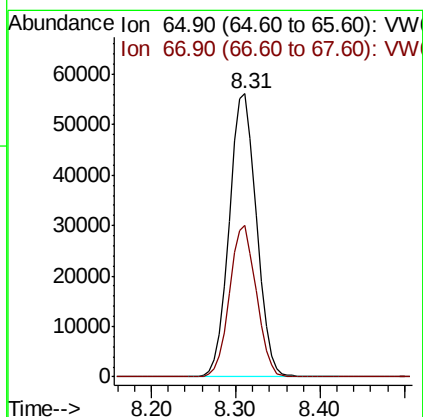
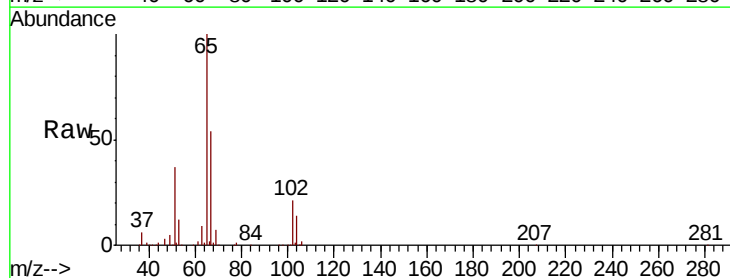
Instrument :
MSVOA_W
ClientSampled :
FL-PIT-3

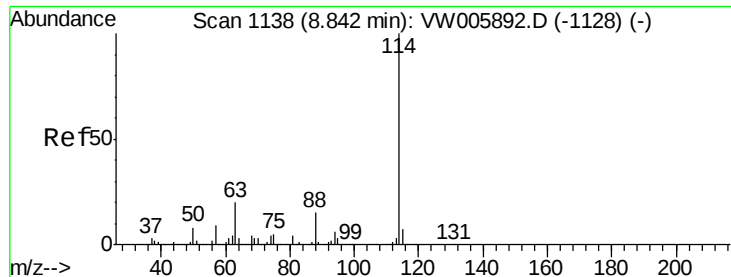
Tgt Ion: 56 Resp: 4905
Ion Ratio Lower Upper
56 100
69 162.4 27.9 41.9#
84 144.1 72.3 108.5#



#33
1,2-Dichloroethane-d4
Concen: 51.905 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW005963.D
Acq: 10 Oct 2018 02:40

Tgt Ion: 65 Resp: 122881
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.6

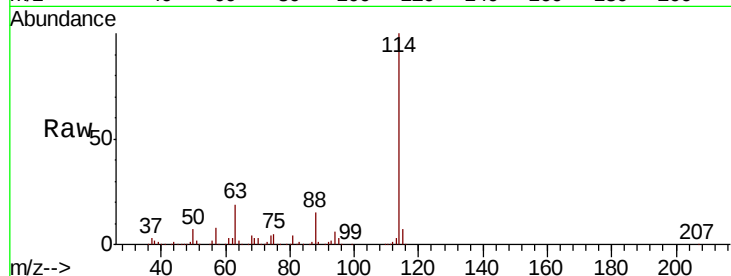




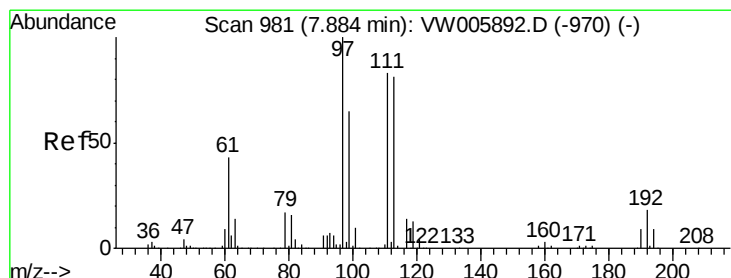
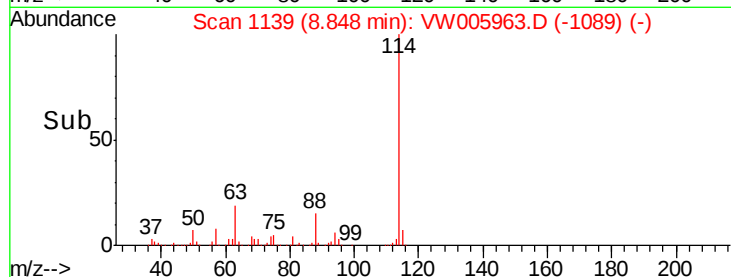
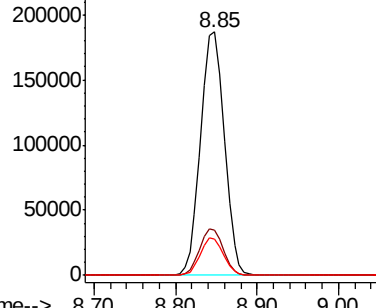
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005963.D
 Acq: 10 Oct 2018 02:40

Instrument :
 MSVOA_W
 ClientSampleId :
 FL-PIT-3

Tgt Ion:114 Resp: 376012
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 39.2
 88 14.9 0.0 30.8

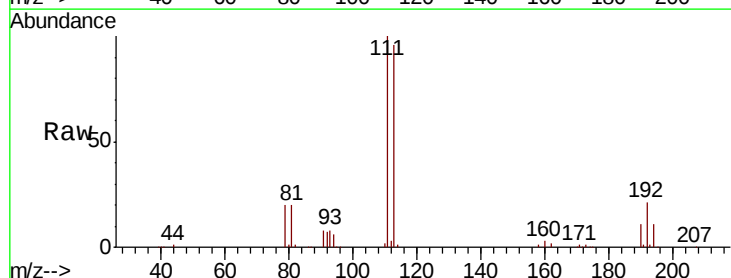


Abundance Ion 113.90 (113.60 to 114.60): V
 250000 Ion 63.00 (62.70 to 63.70): VW
 200000 Ion 87.90 (87.60 to 88.60): VW

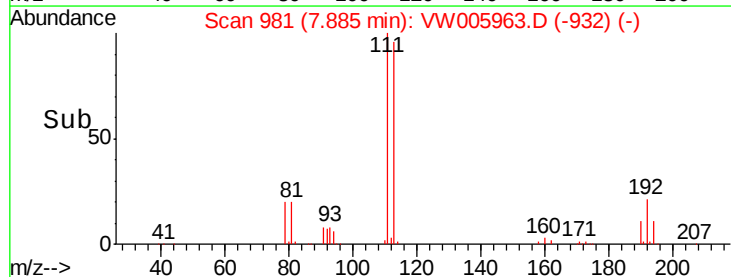
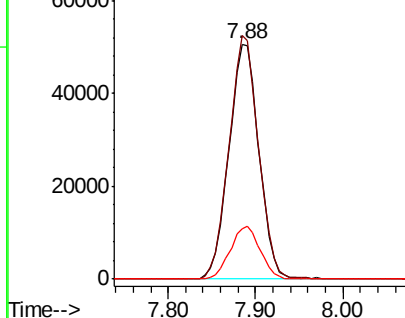


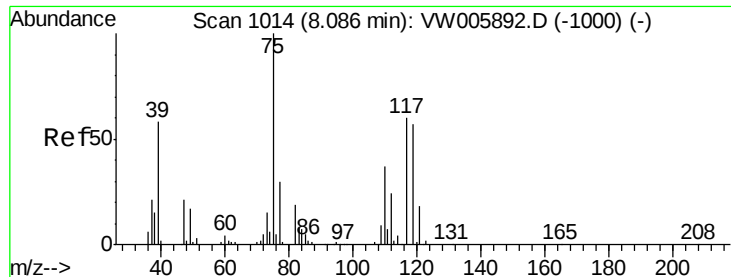
#35
 Dibromofluoromethane
 Concen: 50.264 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW005963.D
 Acq: 10 Oct 2018 02:40

Tgt Ion:113 Resp: 120668
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.0 123.0
 192 22.3 18.3 27.5



Abundance Ion 112.80 (112.50 to 113.50): V
 60000 Ion 110.80 (110.50 to 111.50): V
 40000 Ion 191.70 (191.40 to 192.40): V

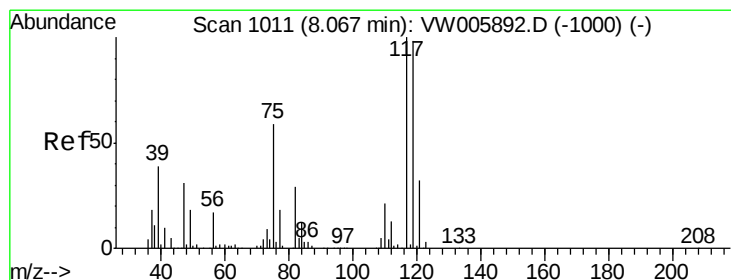
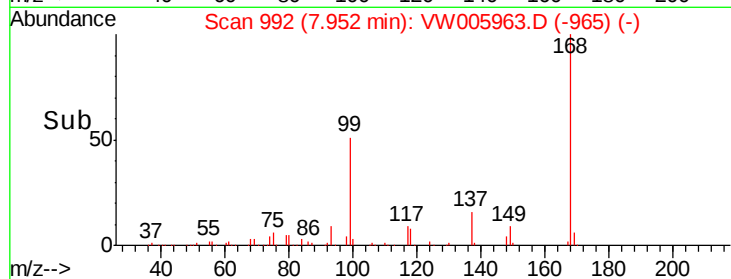
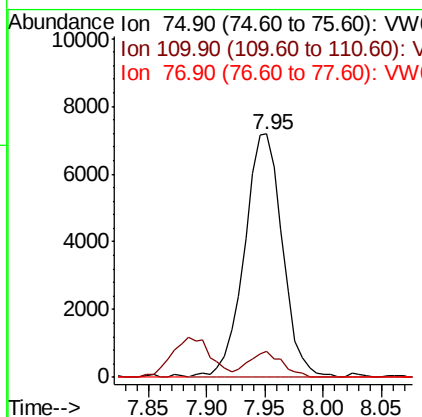
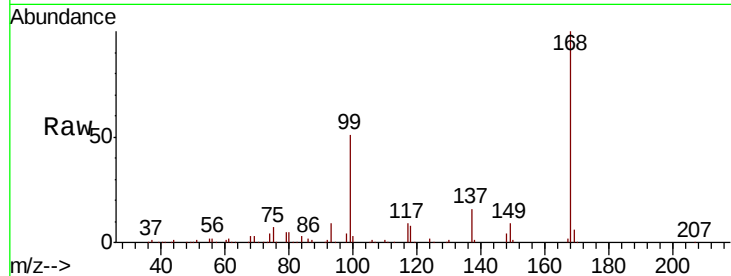




#36
 1,1-Dichloropropene
 Concen: 4.549 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW005963.D
 Acq: 10 Oct 2018 02:40

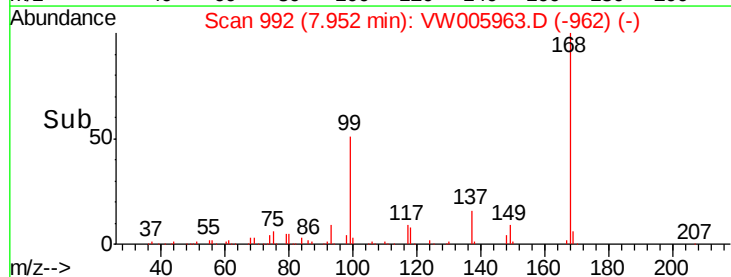
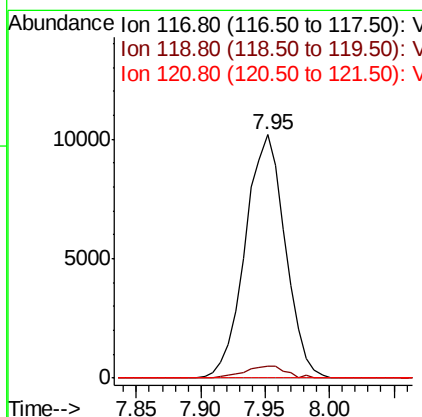
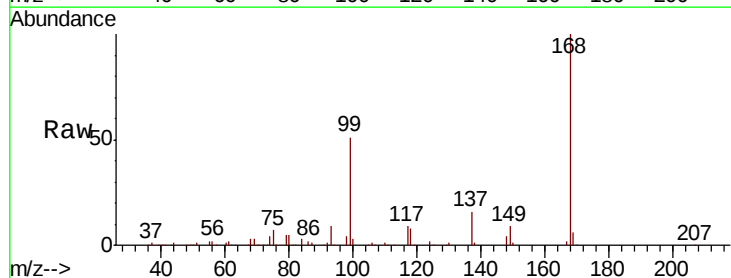
Instrument :
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 ClientSampleId :
 FL-PIT-3

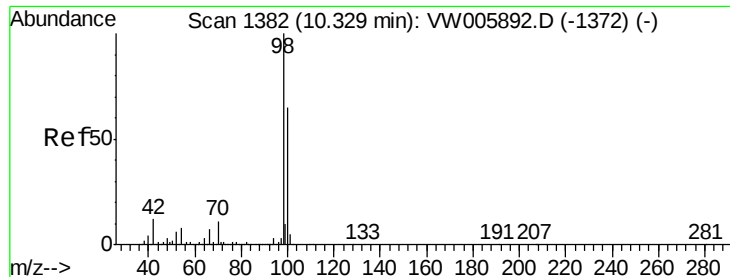
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.6	56.0#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 5.654 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW005963.D
 Acq: 10 Oct 2018 02:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.2	78.6	117.8#
121	0.0	25.3	37.9#





#50

Toluene-d8

Concen: 48.429 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005963.D

Acq: 10 Oct 2018 02:40

Instrument :

MSVOA_W

ClientSampleId :

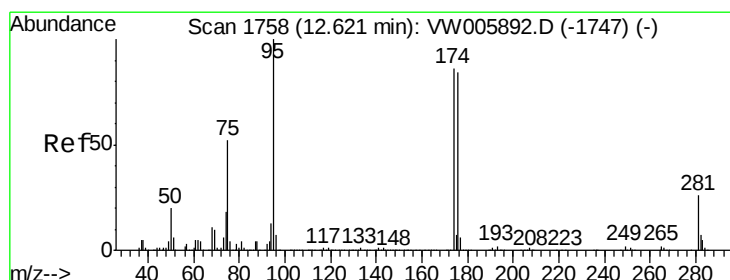
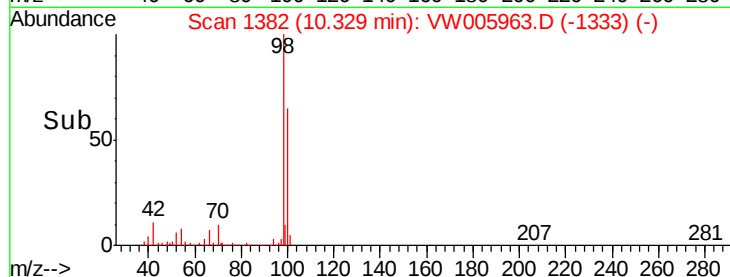
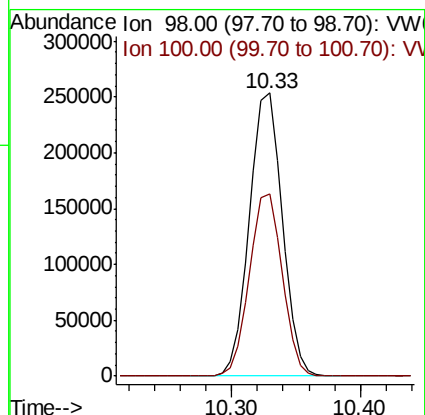
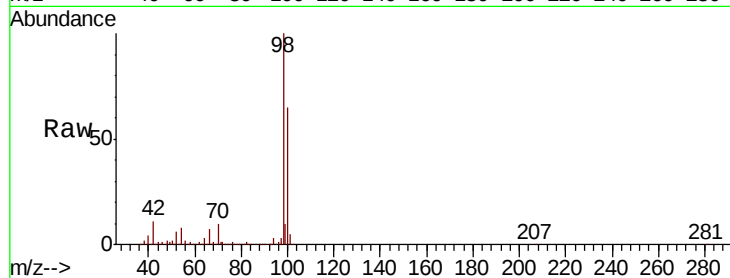
FL-PIT-3

Tgt Ion: 98 Resp: 447309

Ion Ratio Lower Upper

98 100

100 64.4 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 44.489 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW005963.D

Acq: 10 Oct 2018 02:40

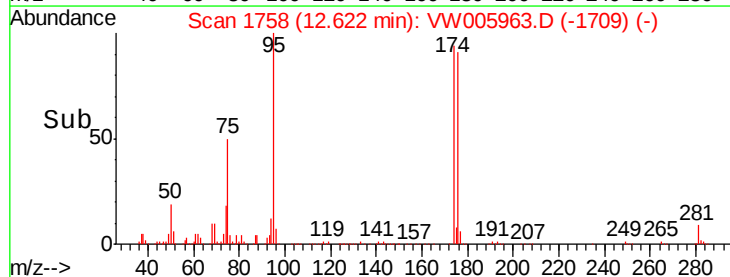
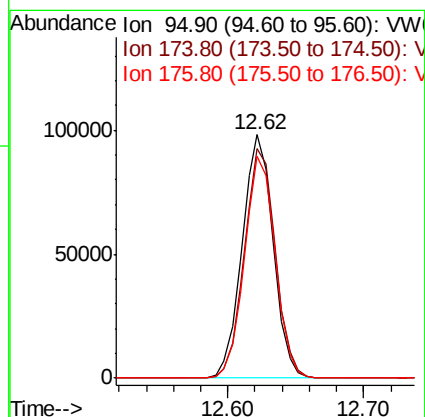
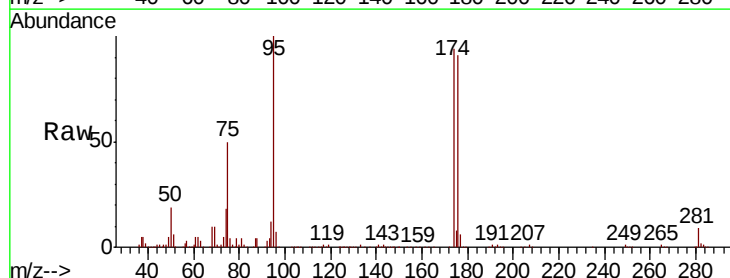
Tgt Ion: 95 Resp: 156341

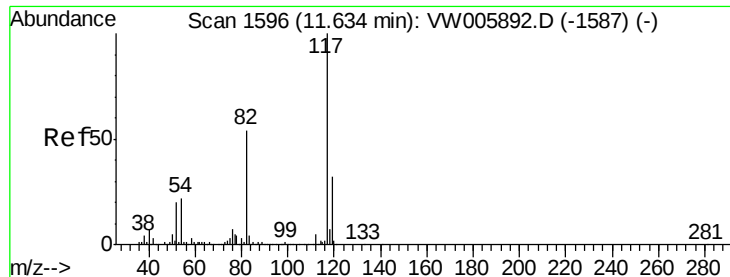
Ion Ratio Lower Upper

95 100

174 94.7 0.0 176.4

176 90.7 0.0 173.0

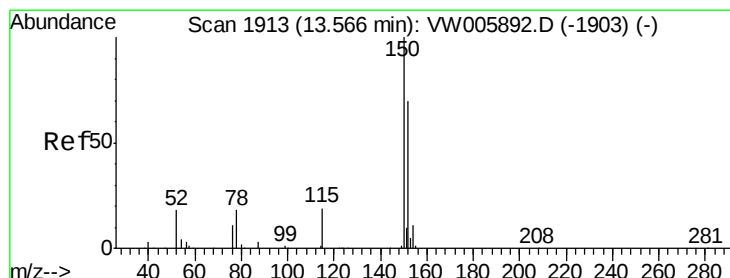
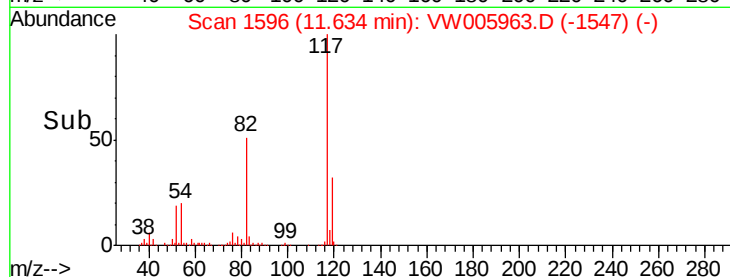
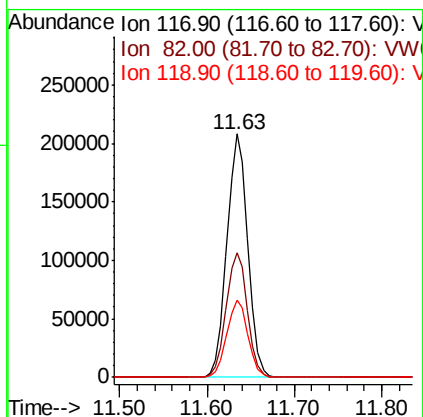
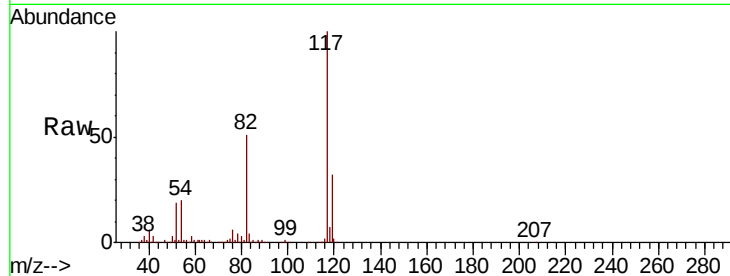




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW005963.D
Acq: 10 Oct 2018 02:40

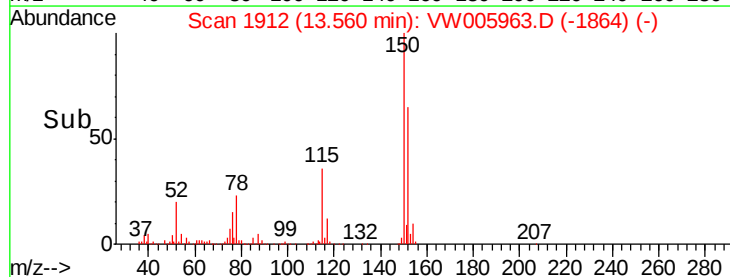
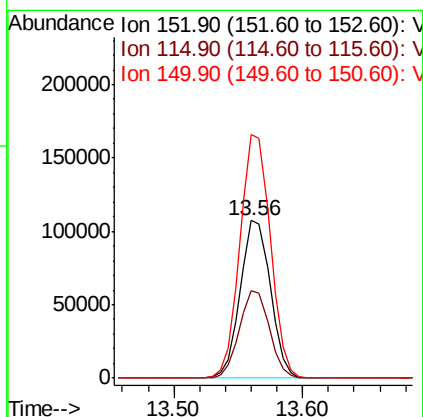
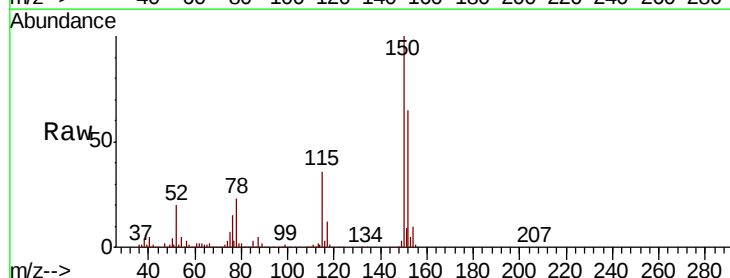
Instrument :
MSVOA_W
ClientSampled :
FL-PIT-3

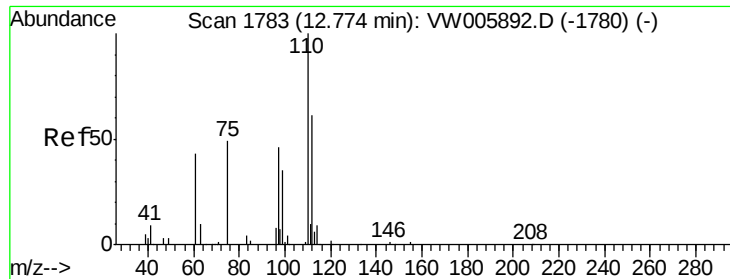
Tgt Ion:117 Resp: 343597
Ion Ratio Lower Upper
117 100
82 51.3 43.5 65.3
119 31.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW005963.D
Acq: 10 Oct 2018 02:40

Tgt Ion:152 Resp: 173992
Ion Ratio Lower Upper
152 100
115 55.0 28.3 85.0
150 155.2 0.0 349.2

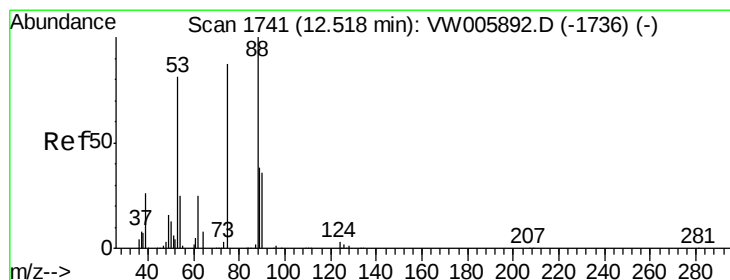
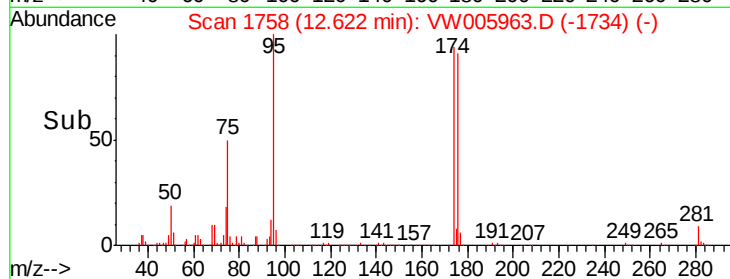
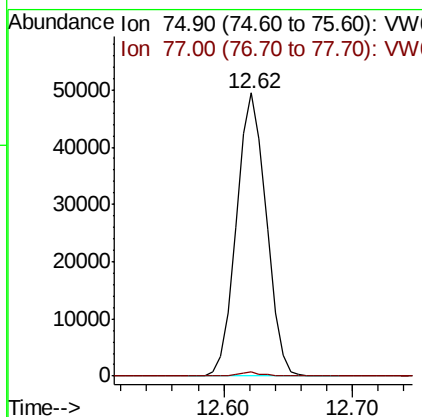
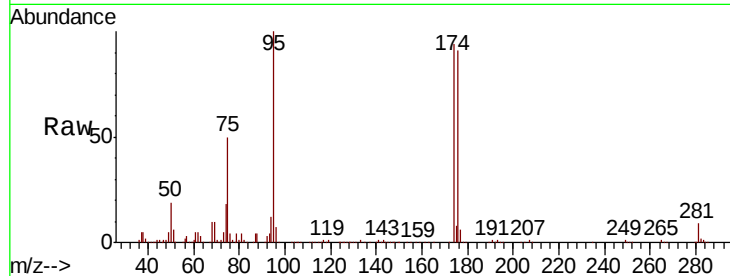




#76
 1,2,3-Trichloropropane
 Concen: 50.970 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW005963.D
 Acq: 10 Oct 2018 02:40

Instrument :
 MSVOA_W
 ClientSampleId :
 FL-PIT-3

Tgt Ion: 75 Resp: 79219
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 107.603 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW005963.D
 Acq: 10 Oct 2018 02:40

Tgt Ion: 75 Resp: 79219
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.5 114.7#
 89 0.1 37.6 56.4#

