

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101018\
 Data File : VW005967.D
 Acq On : 10 Oct 2018 04:24
 Operator : SY/AP
 Sample : J5326-25RE
 Misc : 6.29G/5ML/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FL-PIT-7RE

Quant Time: Oct 10 05:38:06 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	160212	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	266995	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	250734	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	125585	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	96936	62.33	ug/l	0.00
Spiked Amount			Recovery	=	124.66%	
35) Dibromofluoromethane	7.88	113	92705	54.38	ug/l	0.00
Spiked Amount			Recovery	=	108.76%	
50) Toluene-d8	10.33	98	335683	51.18	ug/l	0.00
Spiked Amount			Recovery	=	102.36%	
62) 4-Bromofluorobenzene	12.62	95	118757	47.59	ug/l	0.00
Spiked Amount			Recovery	=	95.18%	

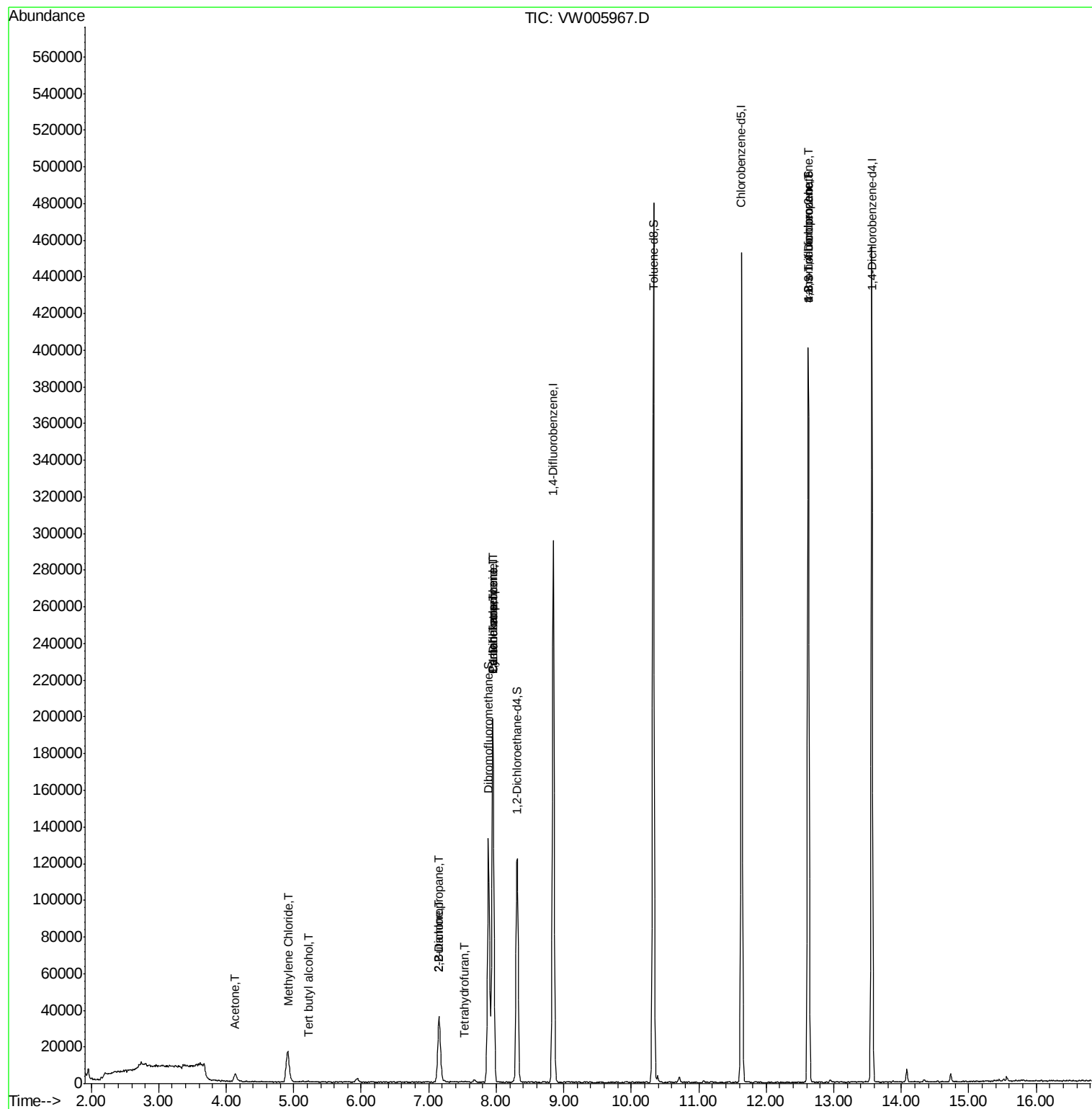
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.23	59	132	1.158	ug/l #	1
16) Acetone	4.14	43	8125	26.154	ug/l	97
20) Methylene Chloride	4.92	84	13984	8.985	ug/l	93
25) 2-Butanone	7.15	43	2263	5.122	ug/l #	84
26) 2,2-Dichloropropane	7.15	77	2706	1.397	ug/l #	52
29) Tetrahydrofuran	7.52	42	322	1.153	ug/l #	34
31) Cyclohexane	7.95	56	3163	1.162	ug/l #	20
36) 1,1-Dichloropropene	7.95	75	10808	4.225	ug/l #	49
38) Carbon Tetrachloride	7.95	117	14426	5.248	ug/l #	14
76) 1,2,3-Trichloropropane	12.62	75	60475	53.908	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	60475	113.806	ug/l #	11

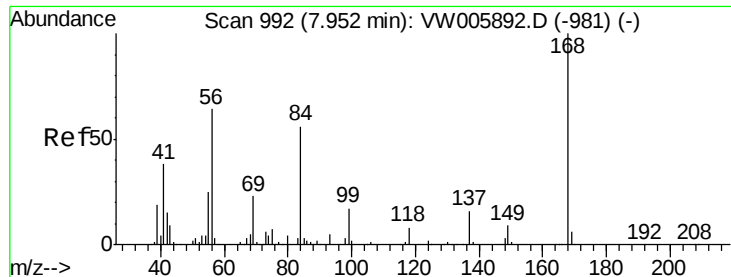
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW005967.D

Acq: 10 Oct 2018 04:24

Instrument :

MSVOA_W

ClientSampleId :

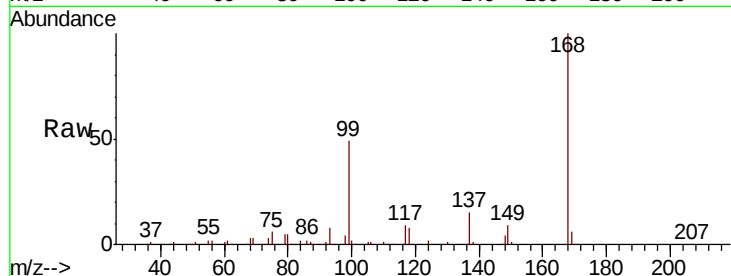
FL-PIT-7RE

Tgt Ion:168 Resp: 160212

Ion Ratio Lower Upper

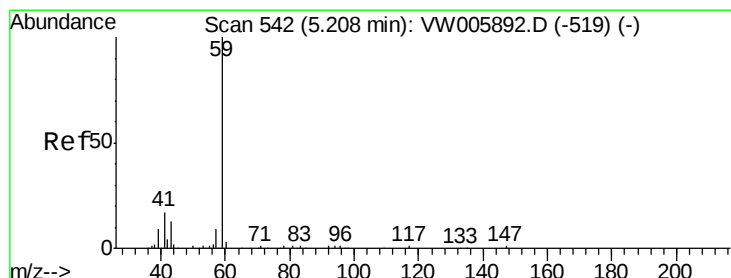
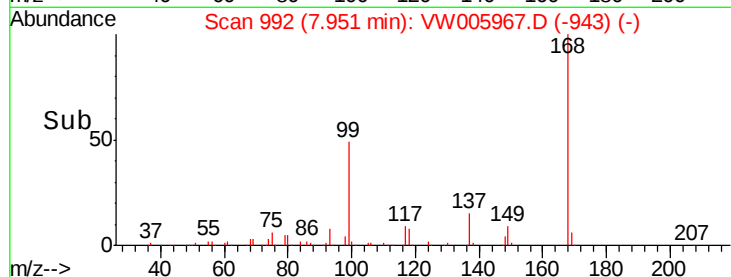
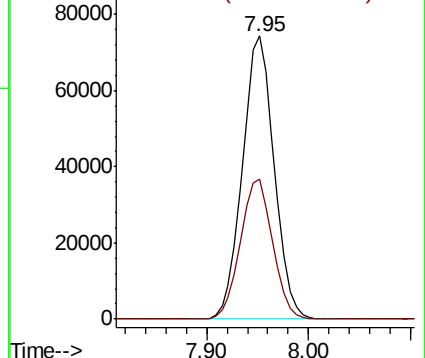
168 100

99 49.3 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 1.158 ug/l

RT: 5.23 min Scan# 545

Delta R.T. 0.02 min

Lab File: VW005967.D

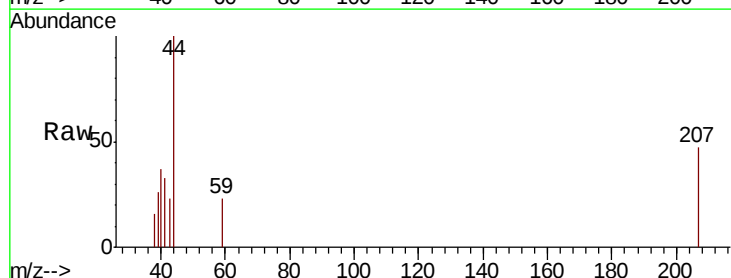
Acq: 10 Oct 2018 04:24

Tgt Ion: 59 Resp: 132

Ion Ratio Lower Upper

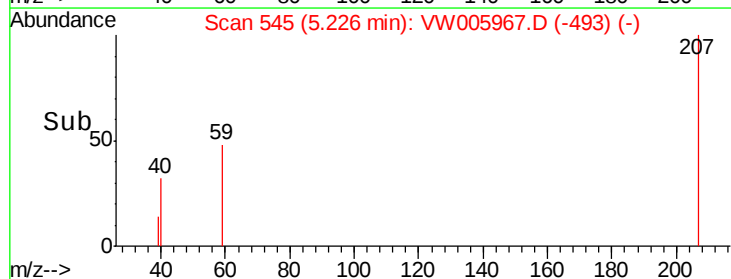
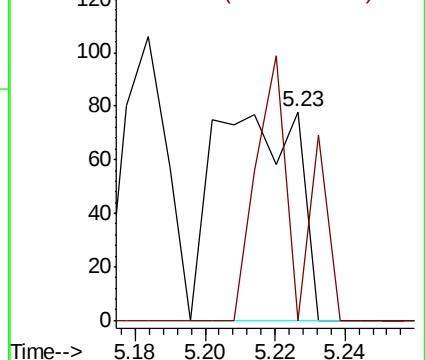
59 100

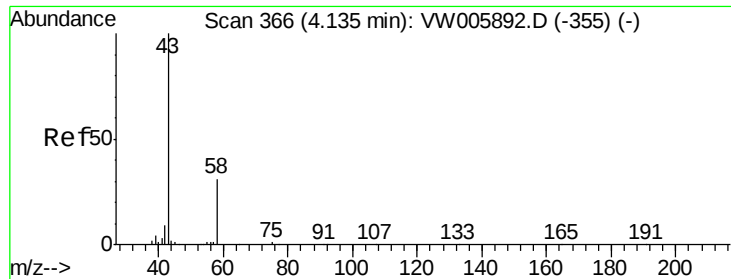
57 62.1 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 26.154 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW005967.D

Acq: 10 Oct 2018 04:24

Instrument :

MSVOA_W

ClientSampleId :

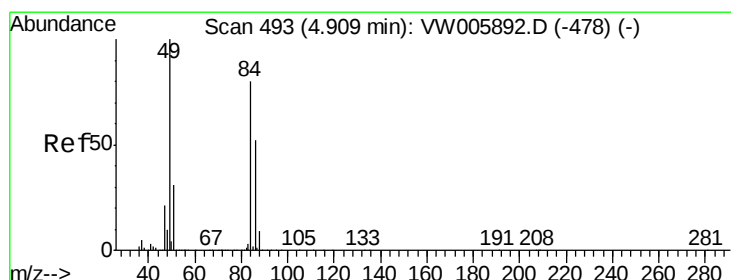
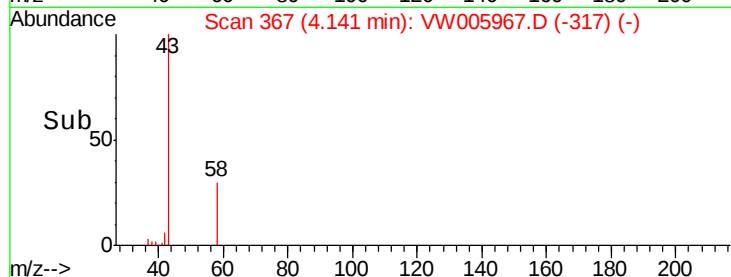
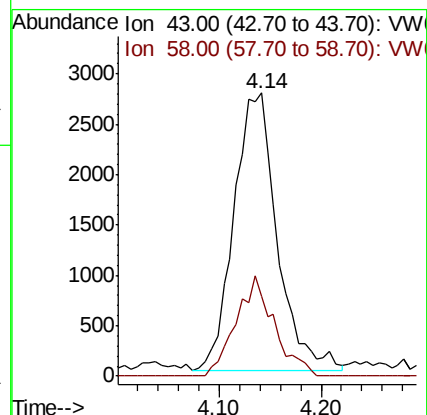
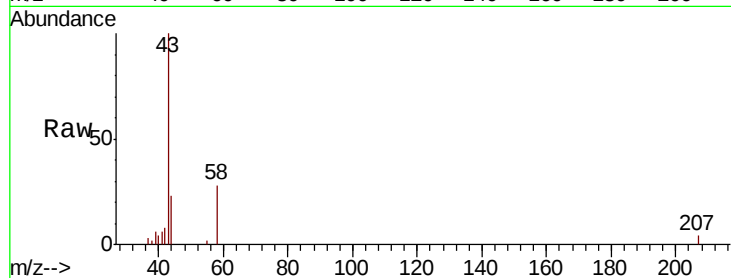
FL-PIT-7RE

Tgt Ion: 43 Resp: 8125

Ion Ratio Lower Upper

43 100

58 29.0 24.7 37.1



#20

Methylene Chloride

Concen: 8.985 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW005967.D

Acq: 10 Oct 2018 04:24

Tgt Ion: 84 Resp: 13984

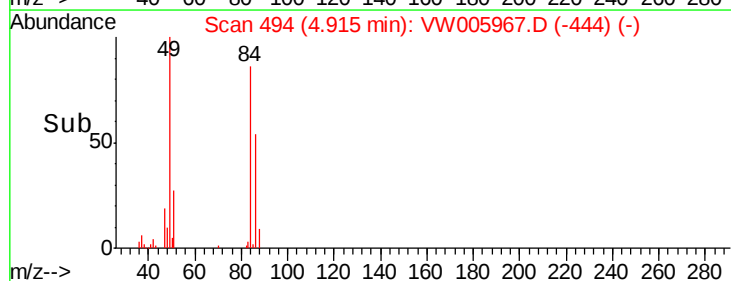
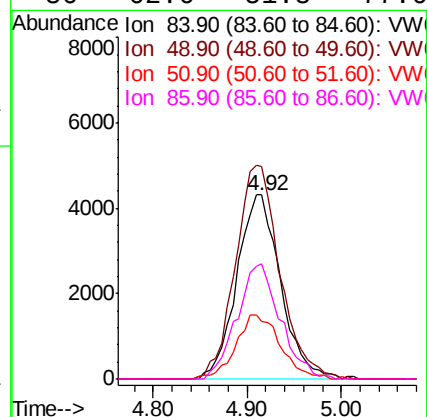
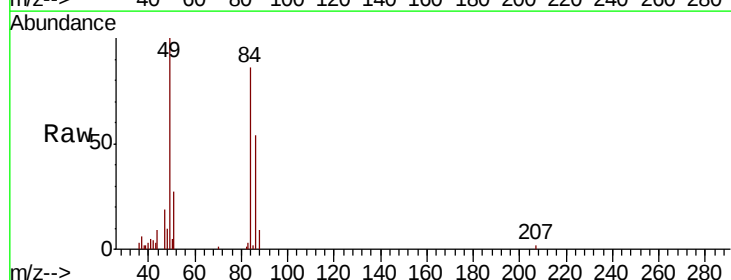
Ion Ratio Lower Upper

84 100

49 115.8 99.9 149.9

51 31.3 31.1 46.7

86 62.6 51.8 77.6





#25

2-Butanone

Concen: 5.122 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.03 min

Lab File: VW005967.D

Acq: 10 Oct 2018 04:24

Instrument :

MSVOA_W

ClientSampleId :

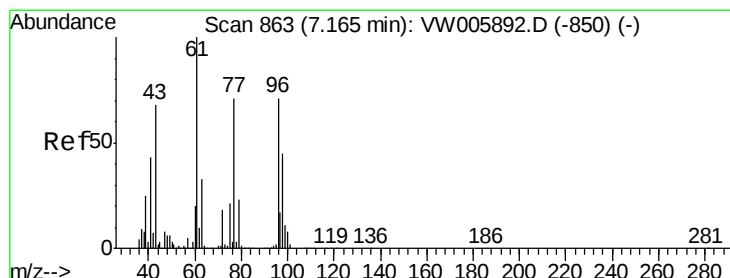
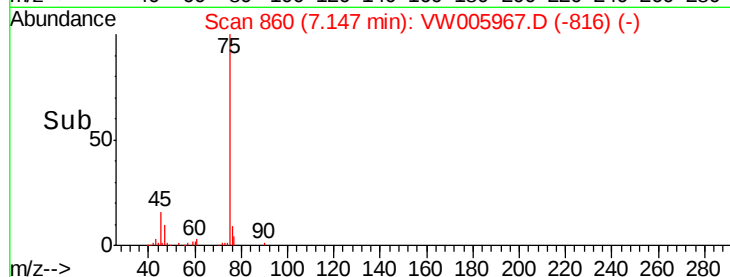
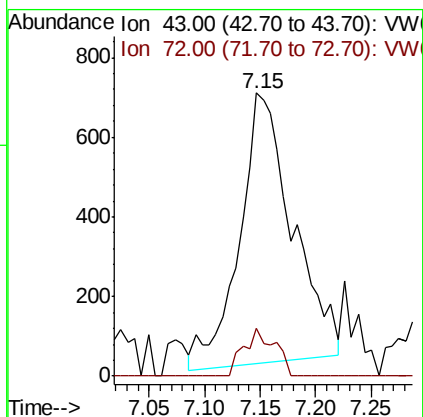
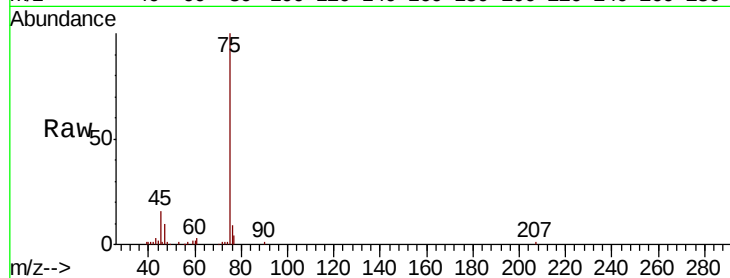
FL-PIT-7RE

Tgt Ion: 43 Resp: 2263

Ion Ratio Lower Upper

43 100

72 18.2 21.0 31.4#



#26

2,2-Dichloropropane

Concen: 1.397 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: VW005967.D

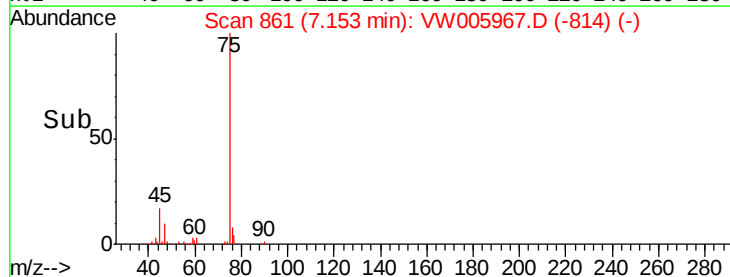
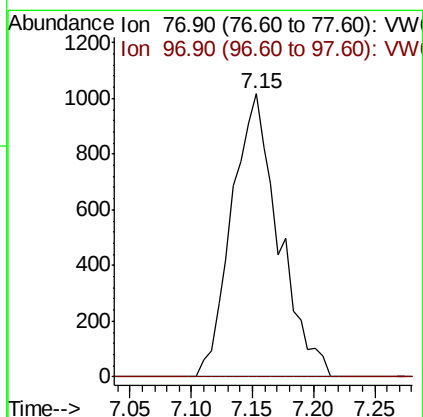
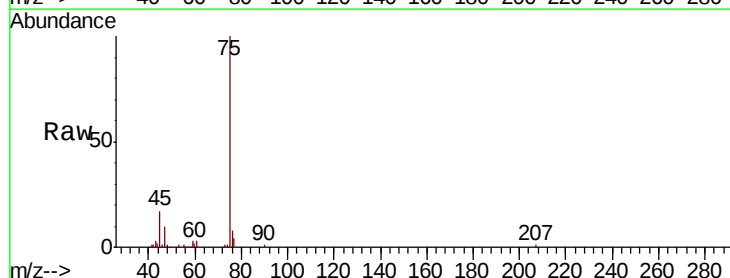
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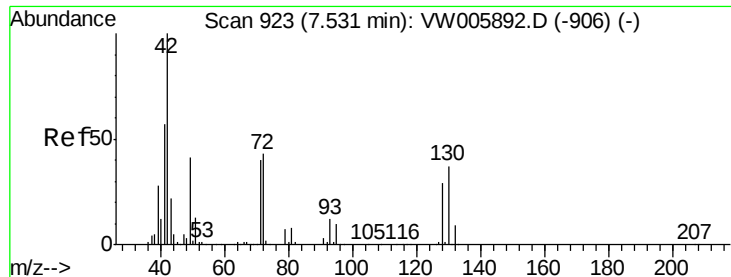
Tgt Ion: 77 Resp: 2706

Ion Ratio Lower Upper

77 100

97 0.0 11.9 35.7#

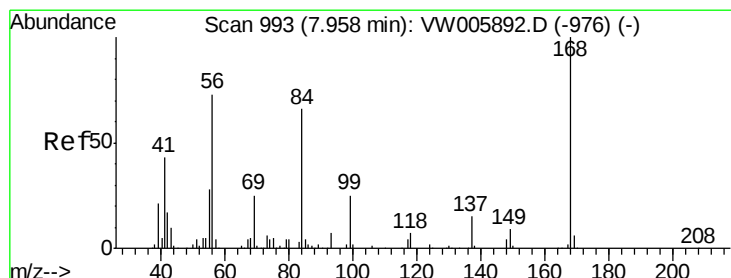
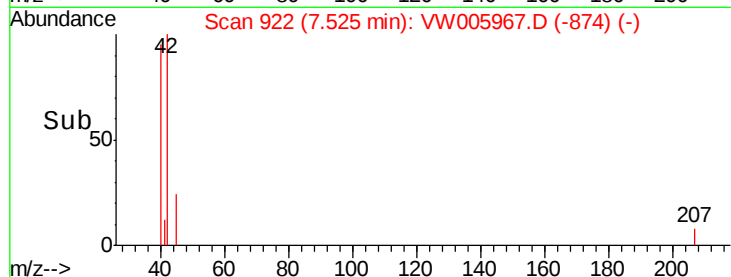
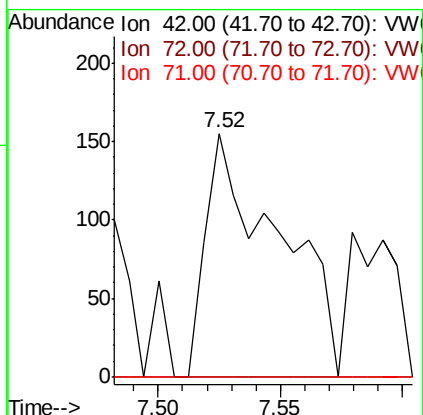
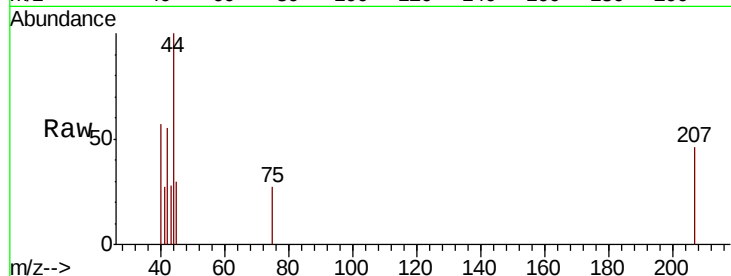




#29
Tetrahydrofuran
Concen: 1.153 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW005967.D
Acq: 10 Oct 2018 04:24

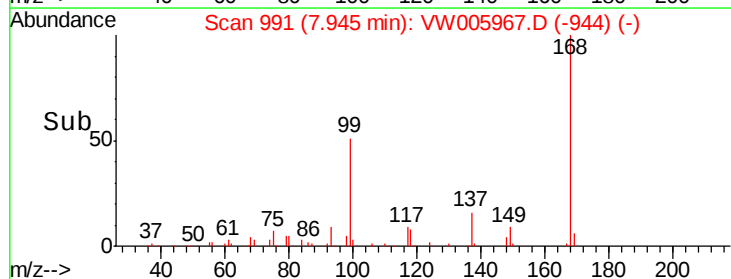
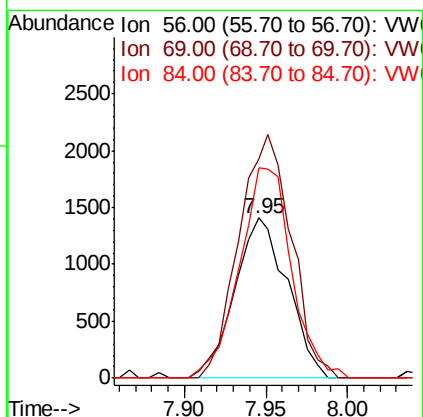
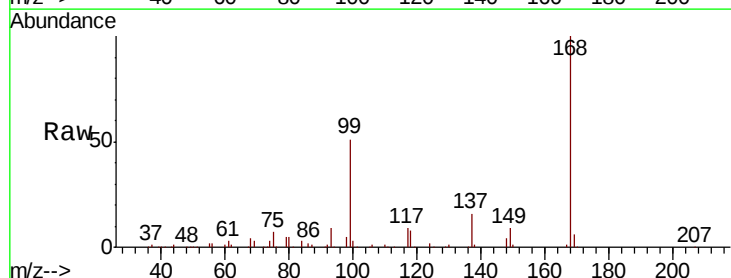
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FL-PIT-7RE

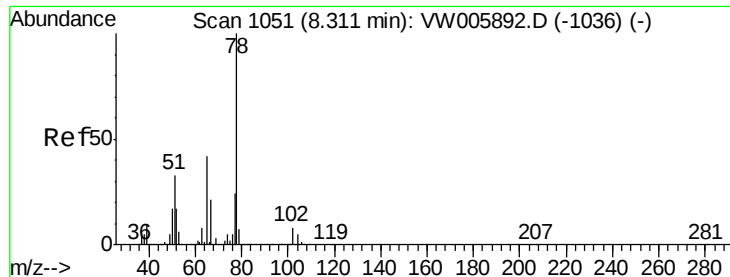
Tgt Ion: 42 Resp: 322
Ion Ratio Lower Upper
42 100
72 0.0 34.6 51.8#
71 0.0 32.6 49.0#



#31
Cyclohexane
Concen: 1.162 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW005967.D
Acq: 10 Oct 2018 04:24

Tgt Ion: 56 Resp: 3163
Ion Ratio Lower Upper
56 100
69 137.2 27.9 41.9#
84 131.1 72.3 108.5#

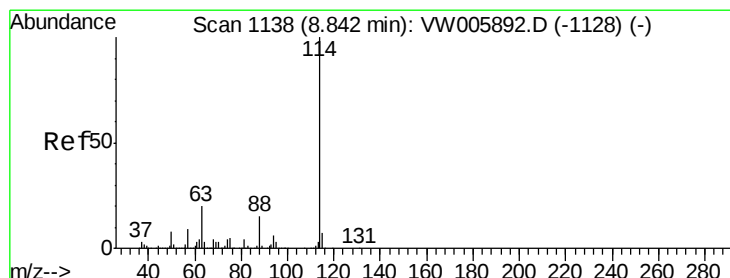
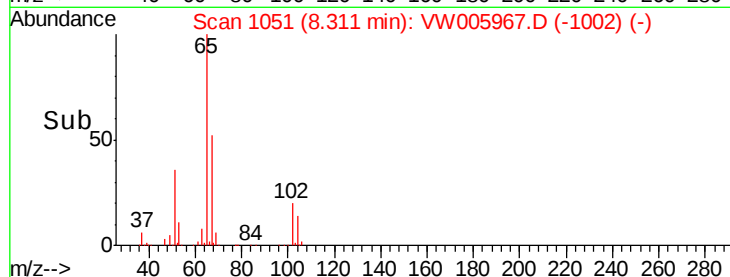
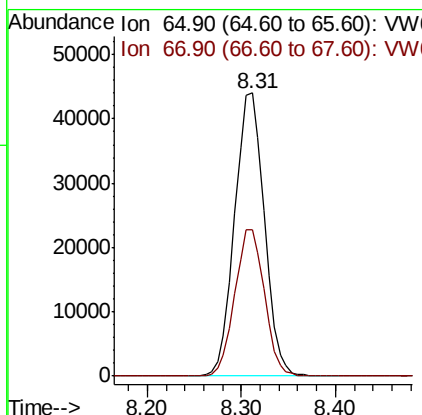
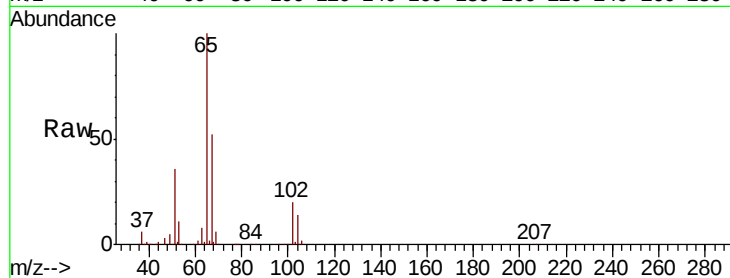




#33
 1,2-Dichloroethane-d4
 Concen: 62.326 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005967.D
 Acq: 10 Oct 2018 04:24

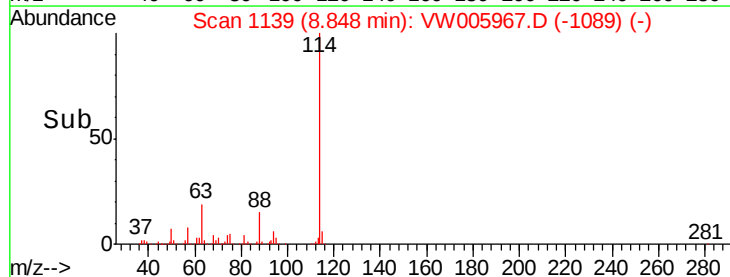
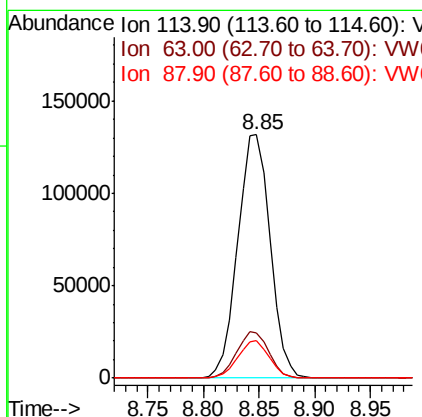
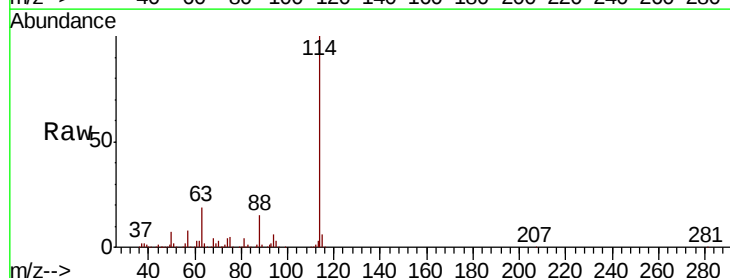
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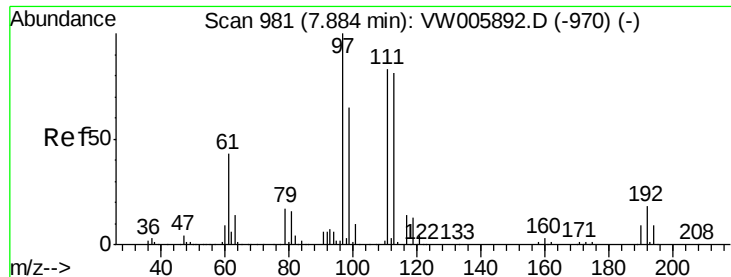
Tgt Ion: 65 Resp: 96936
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005967.D
 Acq: 10 Oct 2018 04:24

Tgt Ion: 114 Resp: 266995
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 39.2
 88 15.2 0.0 30.8

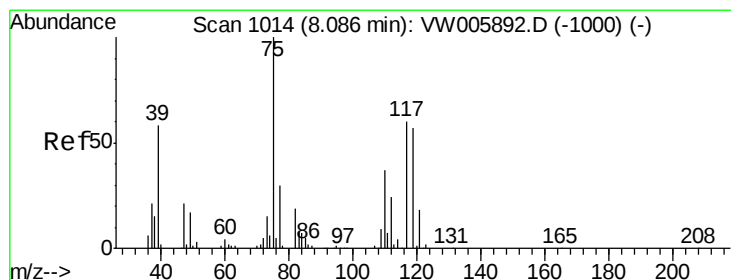
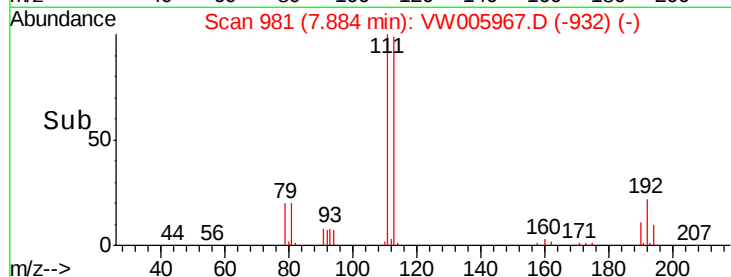
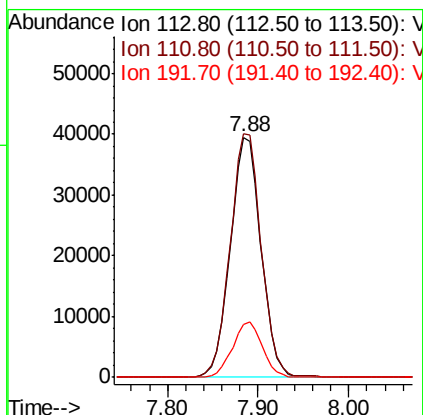
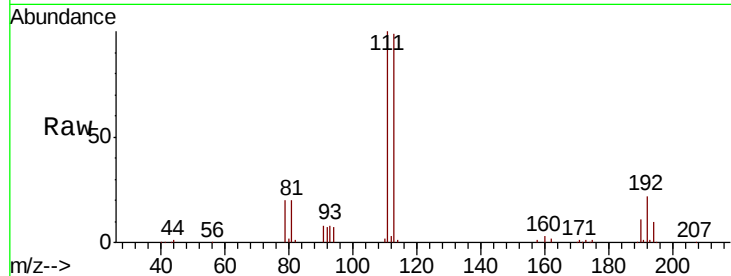




#35
 Dibromofluoromethane
 Concen: 54.384 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW005967.D
 Acq: 10 Oct 2018 04:24

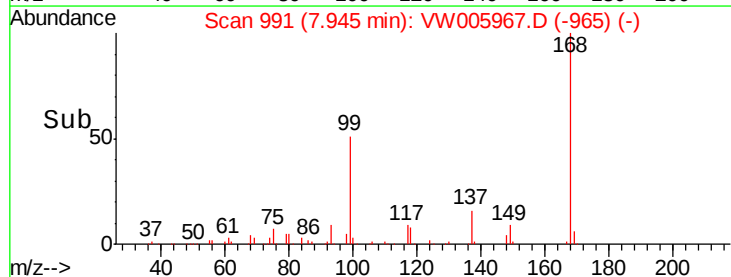
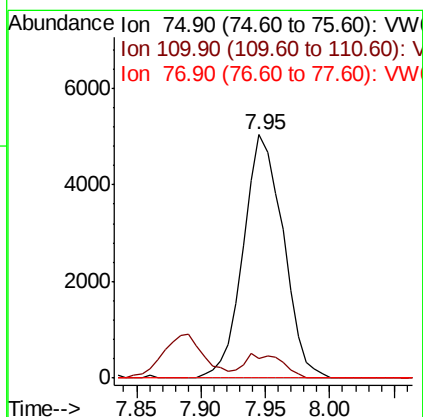
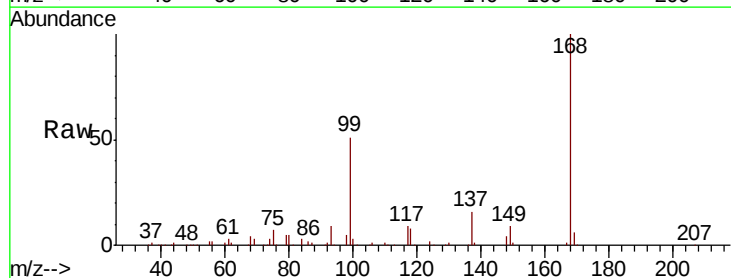
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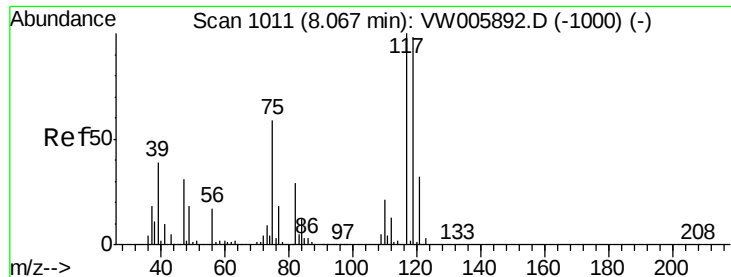
Tgt Ion:113 Resp: 92705
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.0 123.0
 192 22.3 18.3 27.5



#36
 1,1-Dichloropropene
 Concen: 4.225 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW005967.D
 Acq: 10 Oct 2018 04:24

Tgt Ion: 75 Resp: 10808
 Ion Ratio Lower Upper
 75 100
 110 9.7 18.6 56.0#
 77 0.0 24.7 37.1#

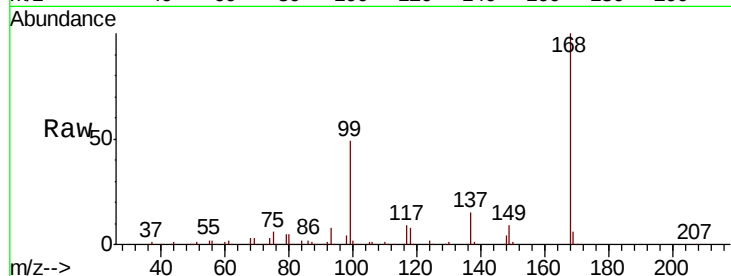




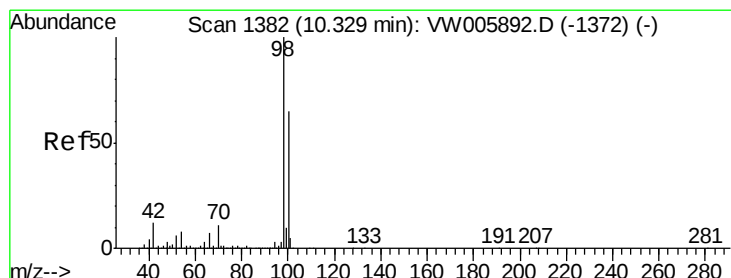
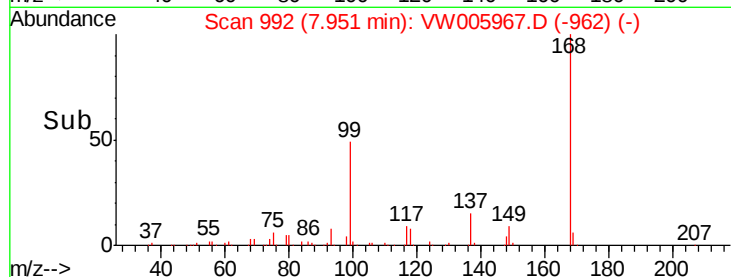
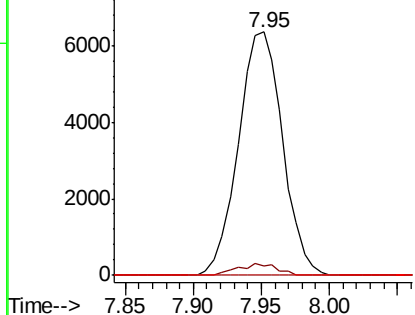
#38
Carbon Tetrachloride
Concen: 5.248 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW005967.D
Acq: 10 Oct 2018 04:24

Instrument :
MSVOA_W
ClientSampleId :
FL-PIT-7RE

Tgt Ion:117 Resp: 14426
Ion Ratio Lower Upper
117 100
119 3.8 78.6 117.8#
121 0.0 25.3 37.9#

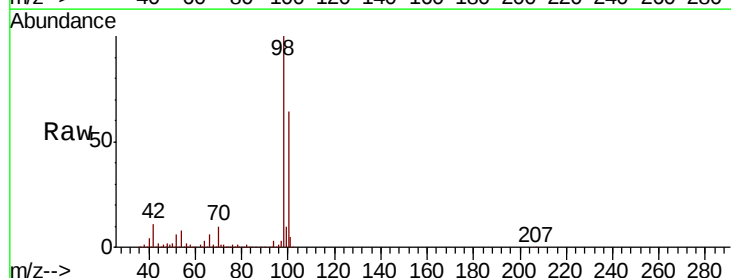


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

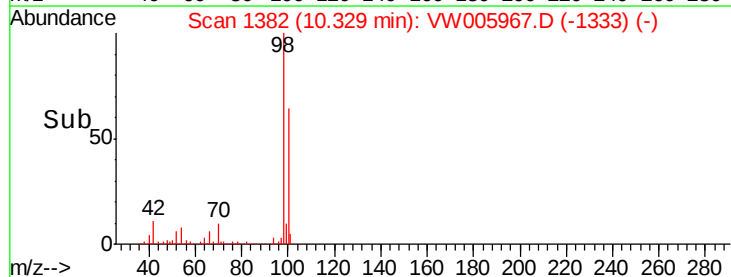
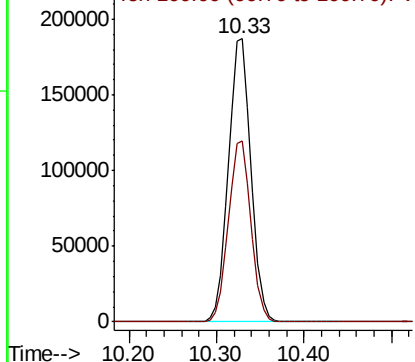


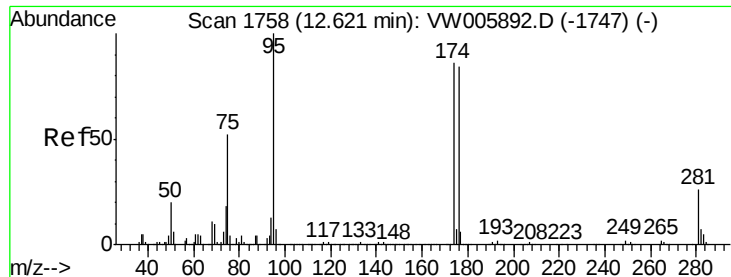
#50
Toluene-d8
Concen: 51.183 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005967.D
Acq: 10 Oct 2018 04:24

Tgt Ion: 98 Resp: 335683
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V

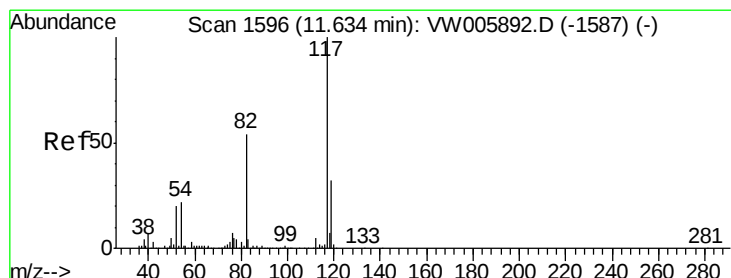
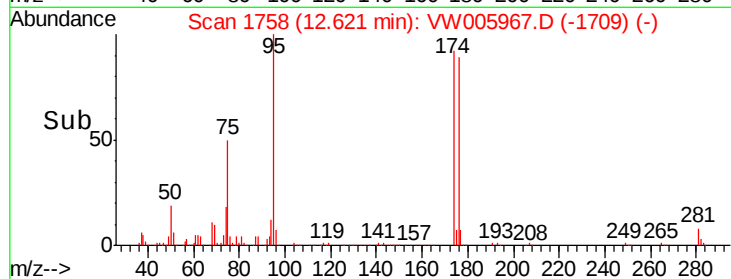
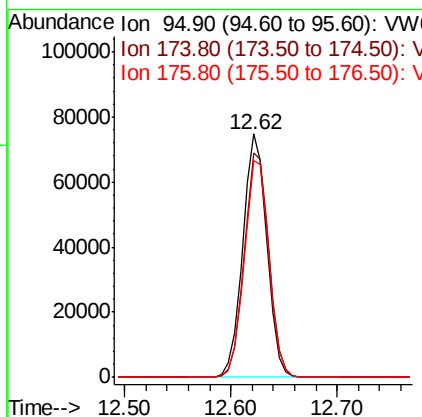
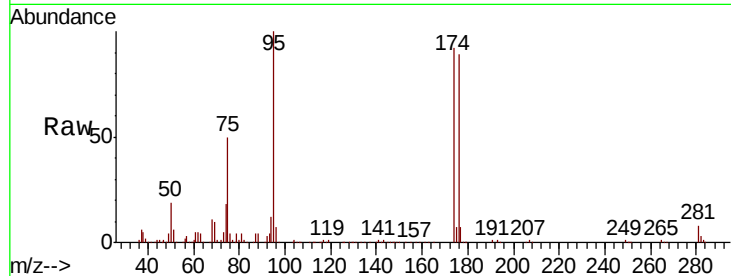




#62
4-Bromofluorobenzene
Concen: 47.593 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005967.D
Acq: 10 Oct 2018 04:24

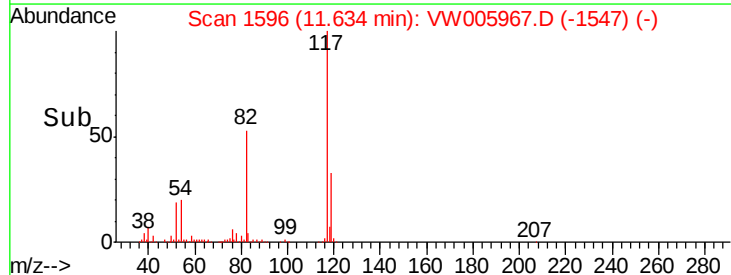
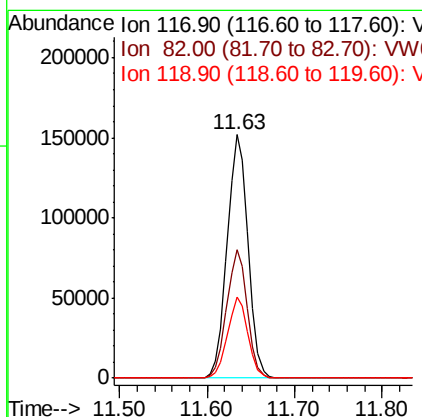
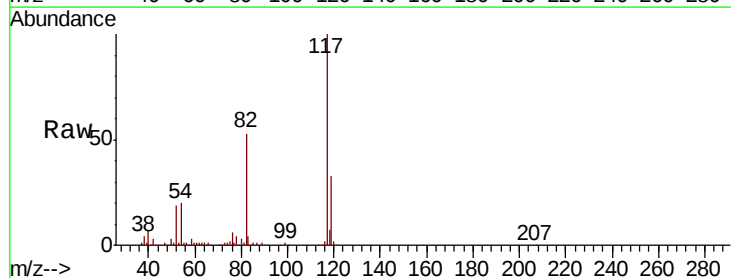
Instrument :
MSVOA_W
ClientSampleId :
FL-PIT-7RE

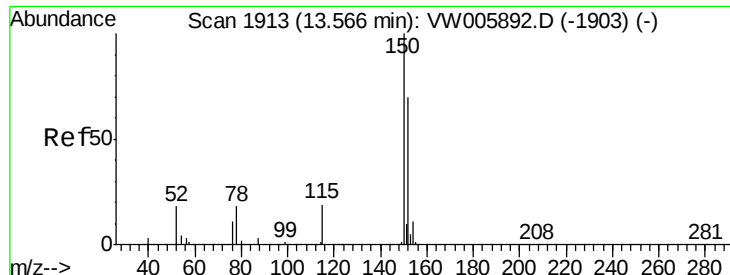
Tgt Ion: 95 Resp: 118757
Ion Ratio Lower Upper
95 100
174 94.6 0.0 176.4
176 91.4 0.0 173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005967.D
Acq: 10 Oct 2018 04:24

Tgt Ion: 117 Resp: 250734
Ion Ratio Lower Upper
117 100
82 52.9 43.5 65.3
119 33.0 25.4 38.2



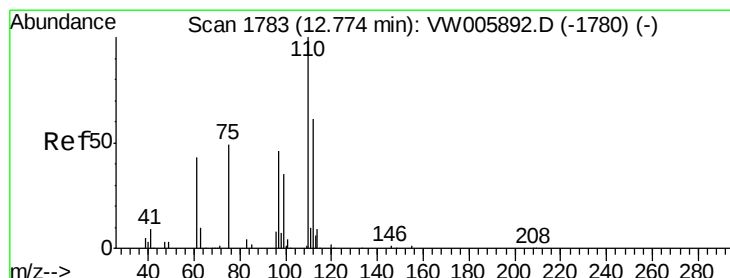
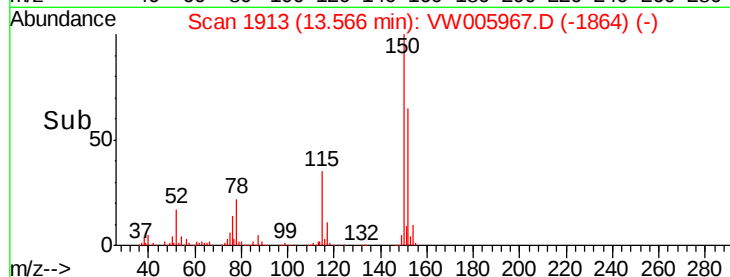
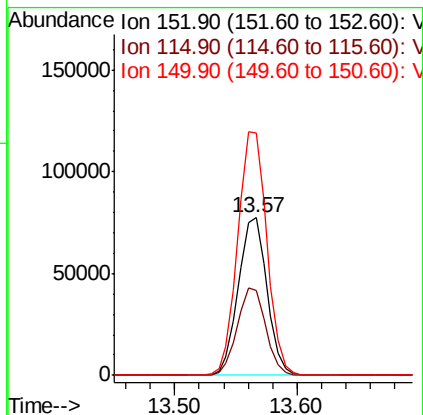
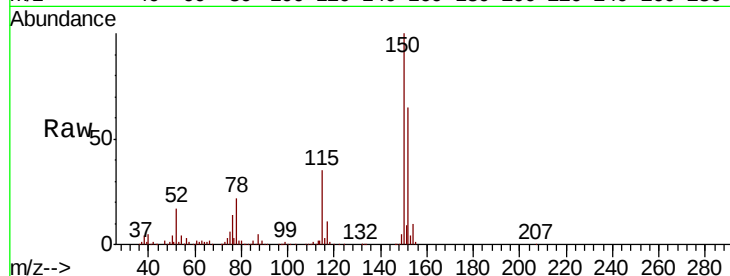


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005967.D
Acq: 10 Oct 2018 04:24

Instrument :
MSVOA_W
ClientSampleId :
FL-PIT-7RE

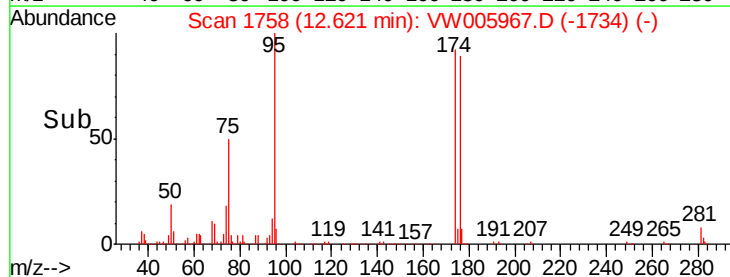
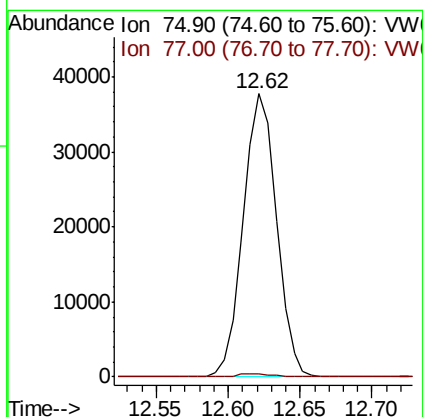
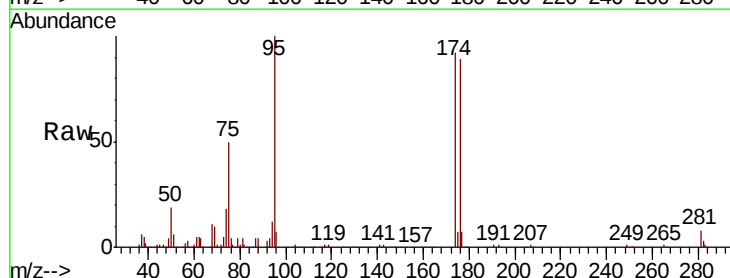
Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.3	28.3	85.0
150	156.7	0.0	349.2

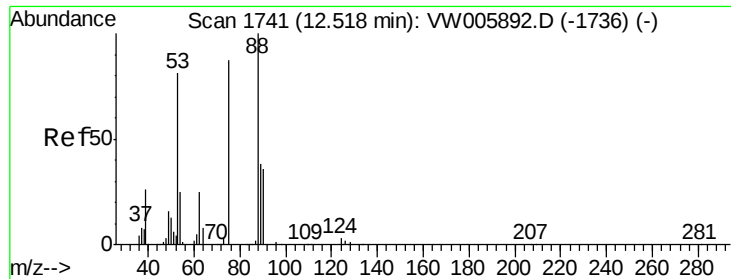


#76

1,2,3-Trichloropropane
Concen: 53.908 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW005967.D
Acq: 10 Oct 2018 04:24

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 113.806 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005967.D

Acq: 10 Oct 2018 04:24

Instrument :

MSVOA_W

ClientSampleId :

FL-PIT-7RE

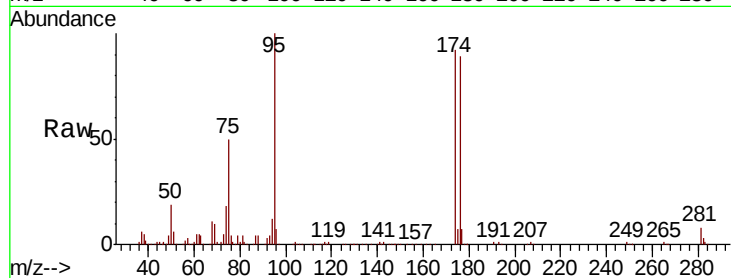
Tgt Ion: 75 Resp: 60475

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

