

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010319\
 Data File : VW008016.D
 Acq On : 03 Jan 2019 13:10
 Operator : SY/AP
 Sample : K1019-01
 Misc : 6.01G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TEST-PIT-D-11-12-A

Quant Time: Jan 04 00:30:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 03 05:03:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	63659	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	104387	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	91887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	42824	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	39409	55.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.94%	
35) Dibromofluoromethane	7.88	113	33433	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
50) Toluene-d8	10.32	98	124246	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
62) 4-Bromofluorobenzene	12.62	95	44888	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	

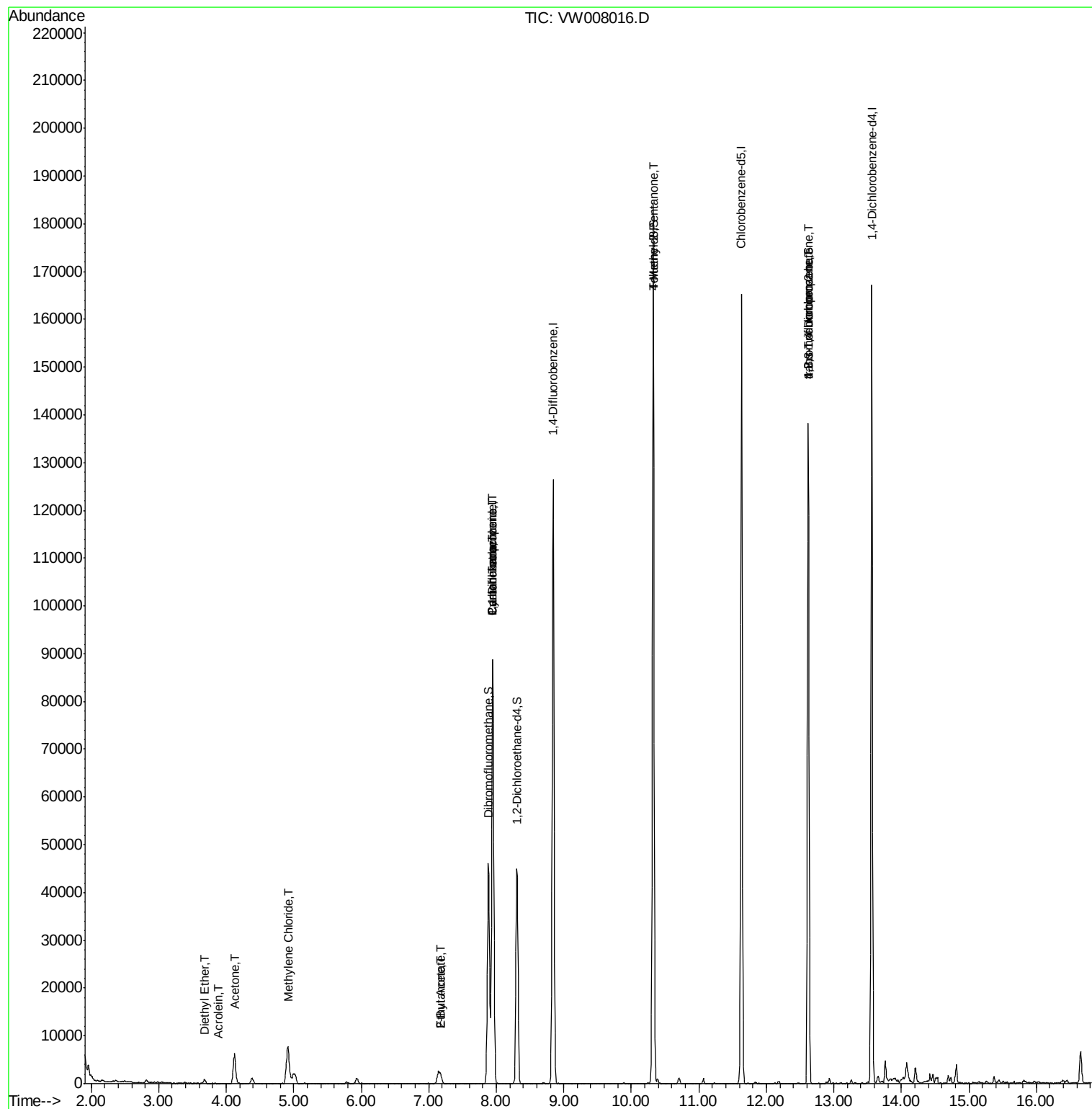
Target Compounds						Qvalue
8) Diethyl Ether	3.69	74	427	1.480	ug/l	90
13) Acrolein	3.88	56	40	1.291	ug/l #	80
16) Acetone	4.12	43	10693	98.107	ug/l	97
20) Methylene Chloride	4.91	84	6617	7.840	ug/l	91
25) 2-Butanone	7.18	43	2363	18.401	ug/l	97
31) Cyclohexane	7.95	56	1479	1.374	ug/l #	34
36) 1,1-Dichloropropene	7.95	75	4906	4.764	ug/l #	51
37) Ethyl Acetate	7.18	43	2363	7.640	ug/l #	67
38) Carbon Tetrachloride	7.95	117	6895	5.587	ug/l #	17
51) 4-Methyl-2-Pentanone	10.32	43	520	1.818	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	24024	70.517	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	24024	166.760	ug/l #	6

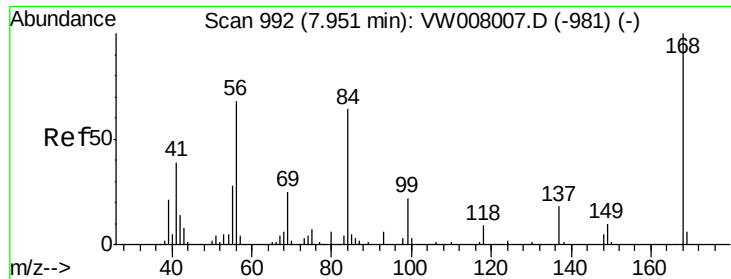
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW010319\
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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: VW008016.D

Acq: 03 Jan 2019 13:10

Instrument :

MSVOA_W

ClientSampleId :

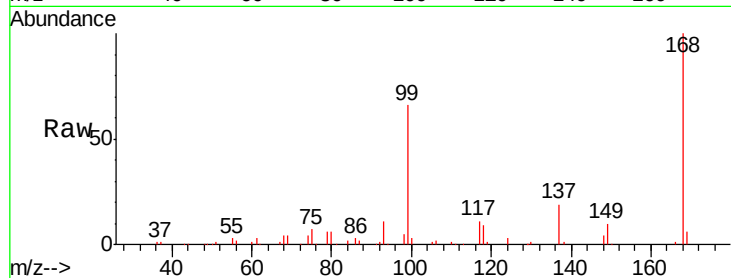
TEST-PIT-D-11-12-A

Tgt Ion:168 Resp: 63659

Ion Ratio Lower Upper

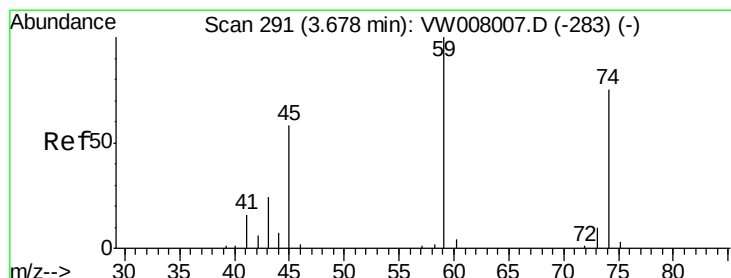
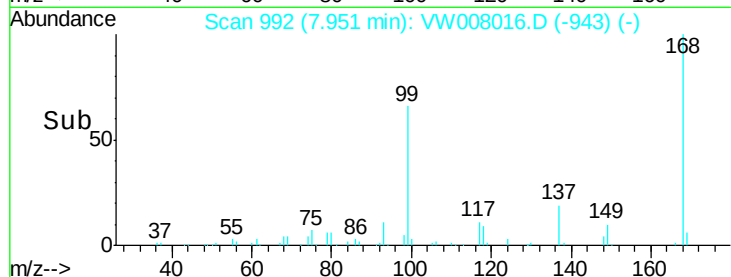
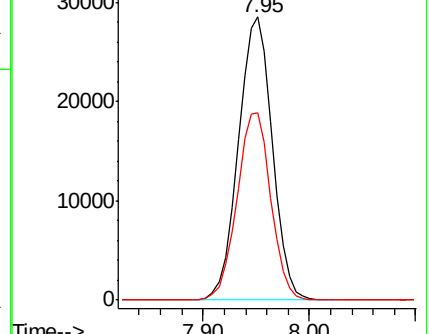
168 100

99 66.0 51.6 77.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.480 ug/l

RT: 3.69 min Scan# 293

Delta R.T. 0.01 min

Lab File: VW008016.D

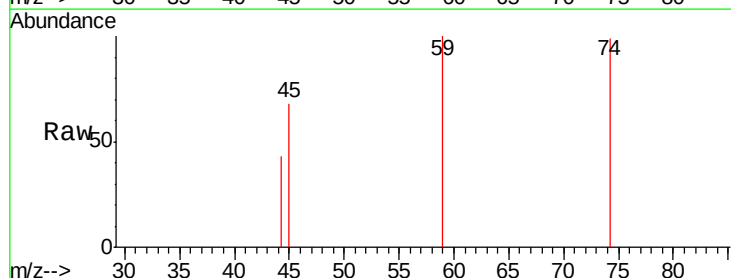
Acq: 03 Jan 2019 13:10

Tgt Ion: 74 Resp: 427

Ion Ratio Lower Upper

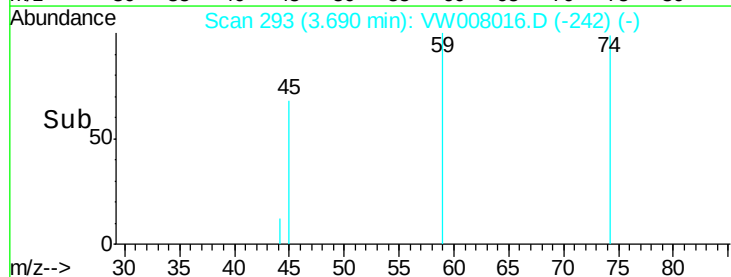
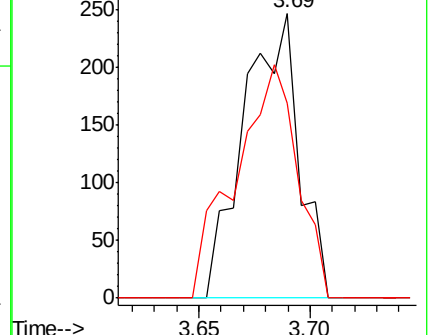
74 100

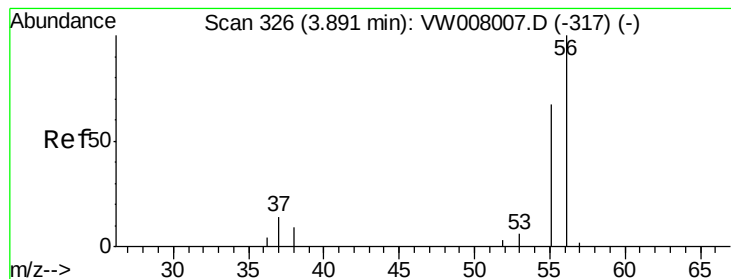
45 91.8 41.4 124.2



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#13

Acrolein

Concen: 1.291 ug/l

RT: 3.88 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW008016.D

Acq: 03 Jan 2019 13:10

Instrument :

MSVOA_W

ClientSampleId :

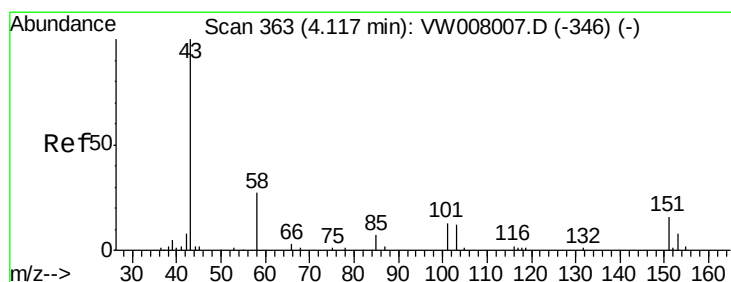
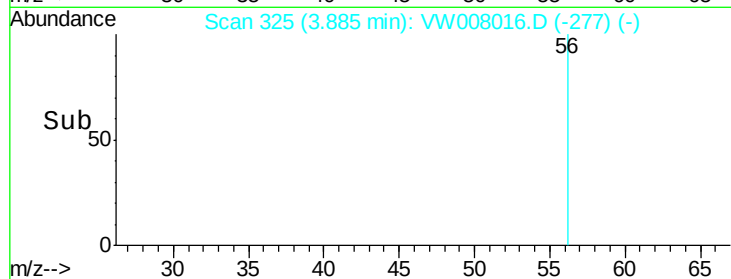
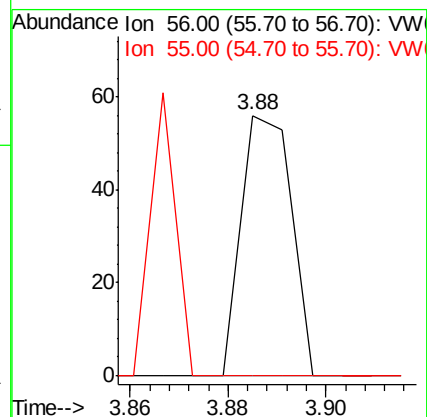
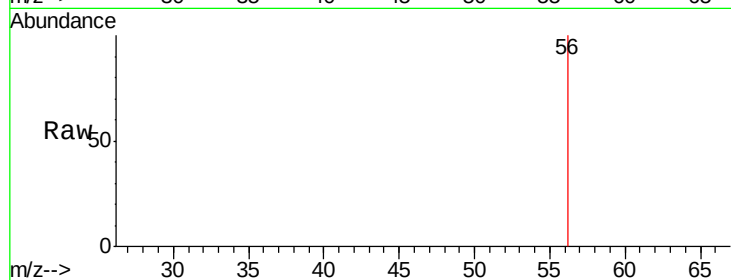
TEST-PIT-D-11-12-A

Tgt Ion: 56 Resp: 40

Ion Ratio Lower Upper

56 100

55 55.0 57.3 85.9#



#16

Acetone

Concen: 98.107 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008016.D

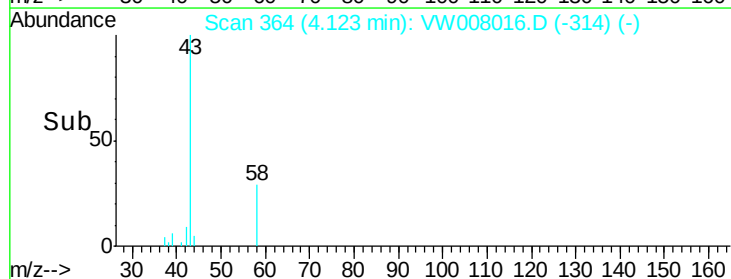
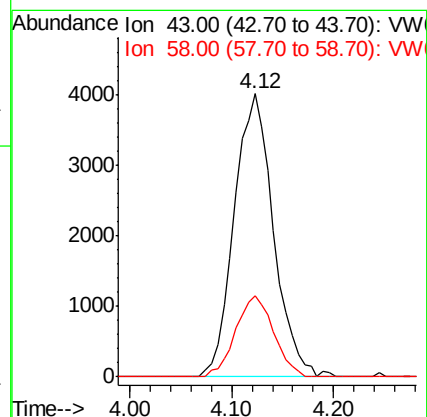
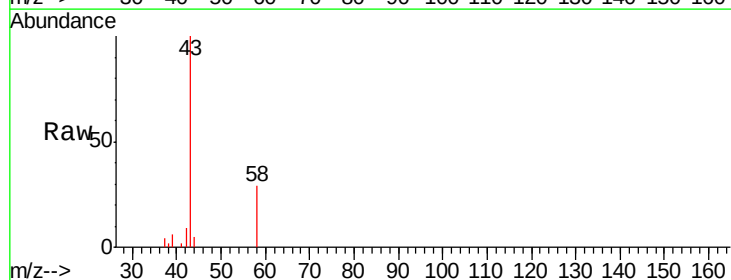
Acq: 03 Jan 2019 13:10

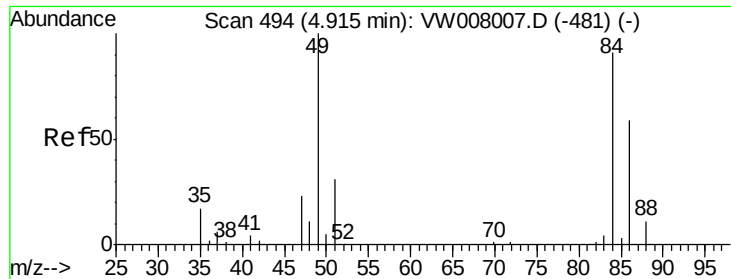
Tgt Ion: 43 Resp: 10693

Ion Ratio Lower Upper

43 100

58 28.8 21.7 32.5

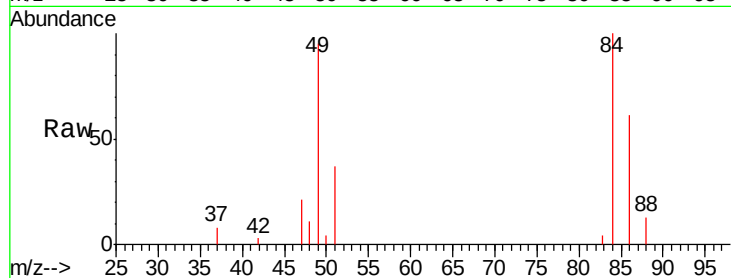




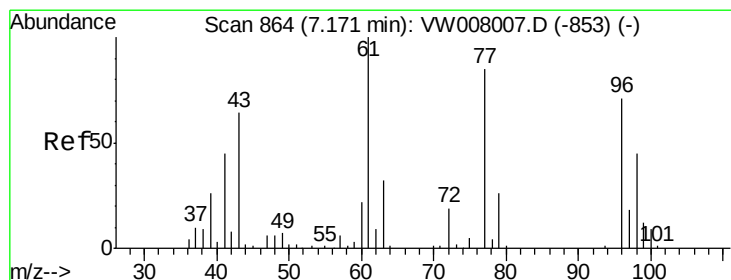
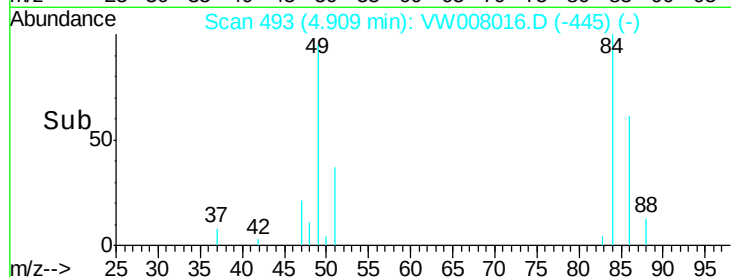
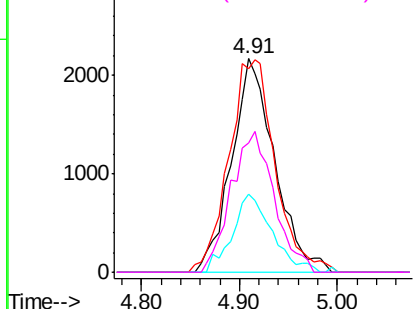
#20
Methylene Chloride
Concen: 7.840 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW008016.D
Acq: 03 Jan 2019 13:10

Instrument :
MSVOA_W
ClientSampleId :
TEST-PIT-D-11-12-A

Tgt Ion:	84	Resp:	6617
Ion	Ratio	Lower	Upper
84	100		
49	95.3	87.7	131.5
51	36.6	27.3	40.9
86	60.5	51.4	77.0

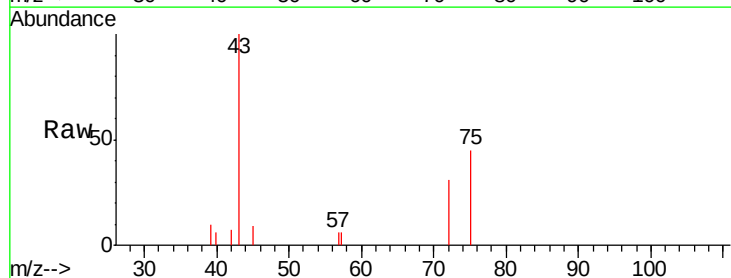


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

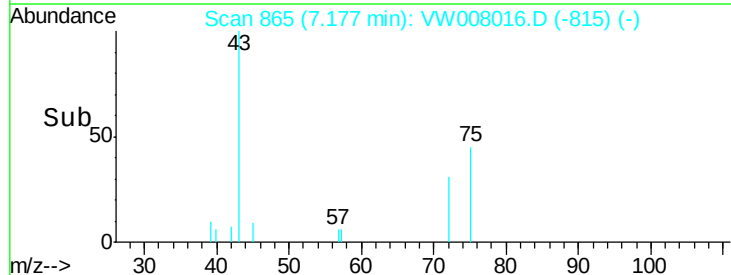
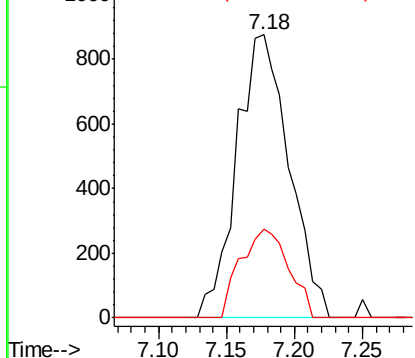


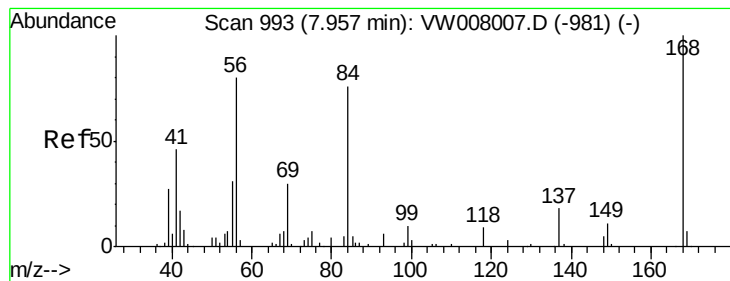
#25
2-Butanone
Concen: 18.401 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW008016.D
Acq: 03 Jan 2019 13:10

Tgt Ion:	43	Resp:	2363
Ion	Ratio	Lower	Upper
43	100		
72	31.4	23.8	35.8



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW





#31

Cyclohexane

Concen: 1.374 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008016.D

Acq: 03 Jan 2019 13:10

Instrument :

MSVOA_W

ClientSampleId :

TEST-PIT-D-11-12-A

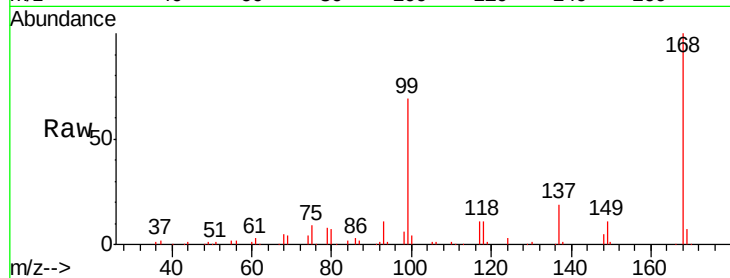
Tgt Ion: 56 Resp: 1479

Ion Ratio Lower Upper

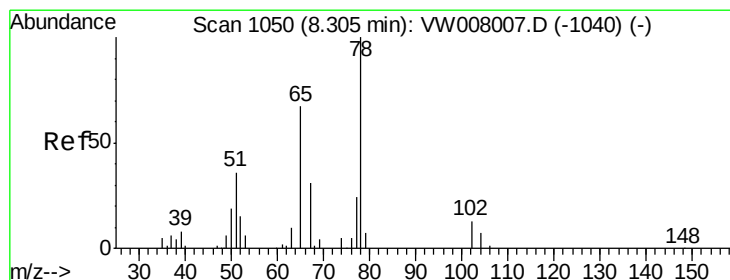
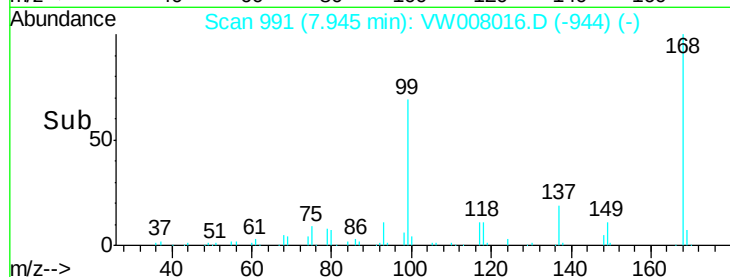
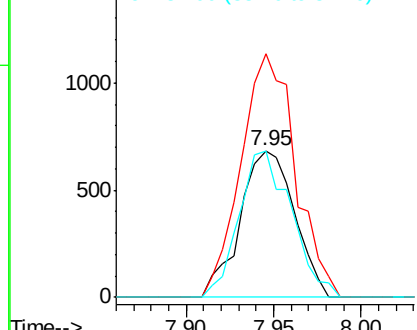
56 100

69 165.9 29.8 44.6#

84 100.0 75.2 112.8



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: 55.970 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008016.D

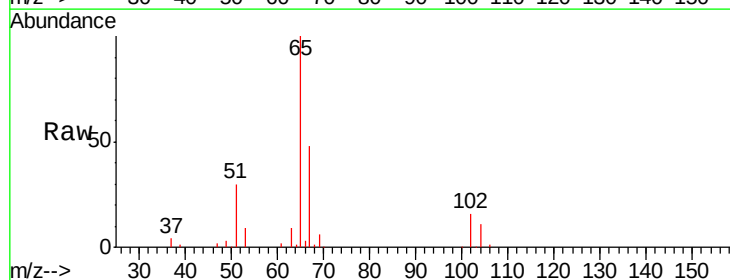
Acq: 03 Jan 2019 13:10

Tgt Ion: 65 Resp: 39409

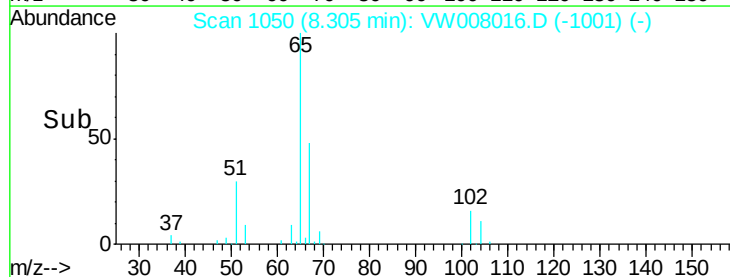
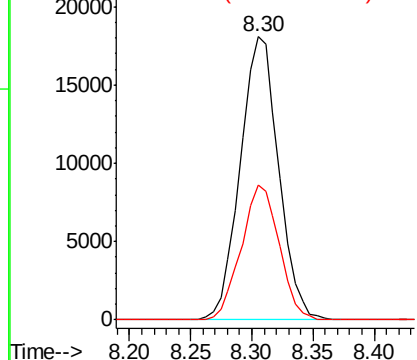
Ion Ratio Lower Upper

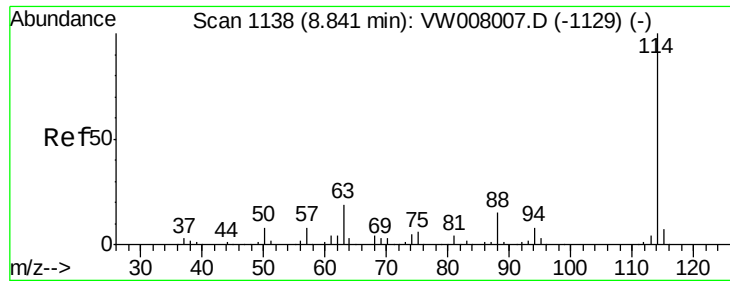
65 100

67 47.1 0.0 94.8



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

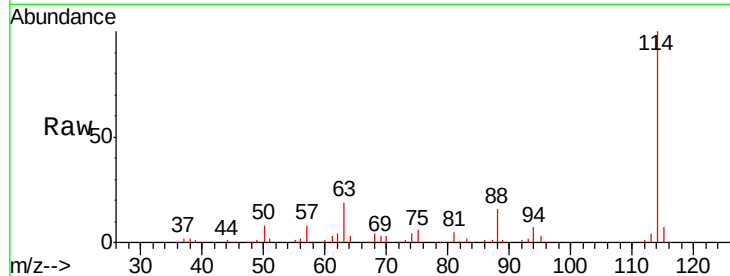




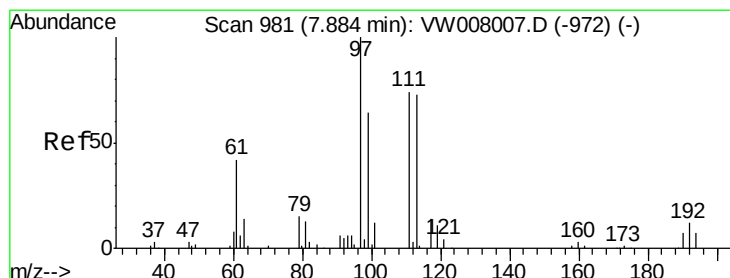
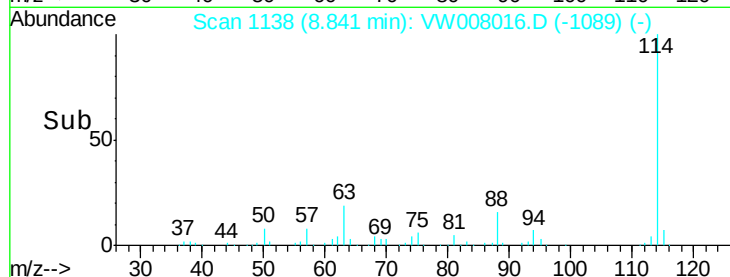
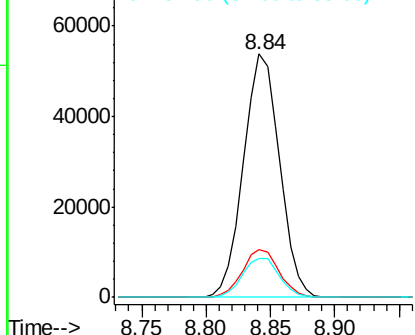
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW008016.D
Acq: 03 Jan 2019 13:10

Instrument :
MSVOA_W
ClientSampleId :
TEST-PIT-D-11-12-A

Tgt Ion:114 Resp: 104387
Ion Ratio Lower Upper
114 100
63 19.5 0.0 37.8
88 15.7 0.0 31.0

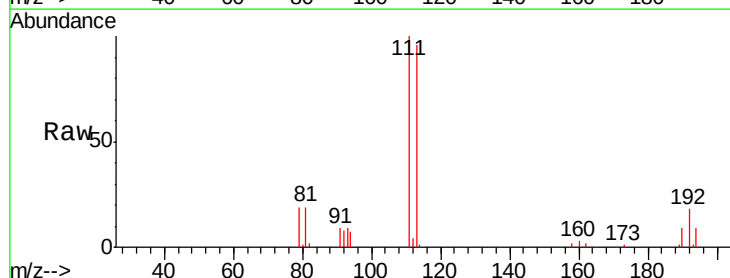


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

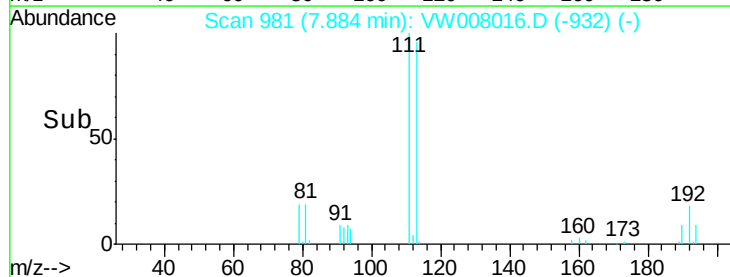
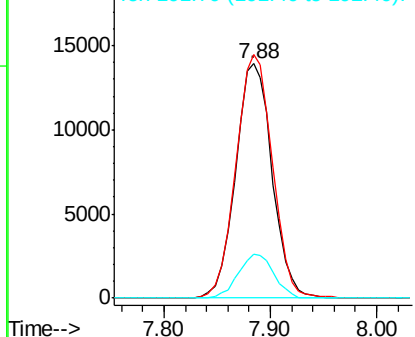


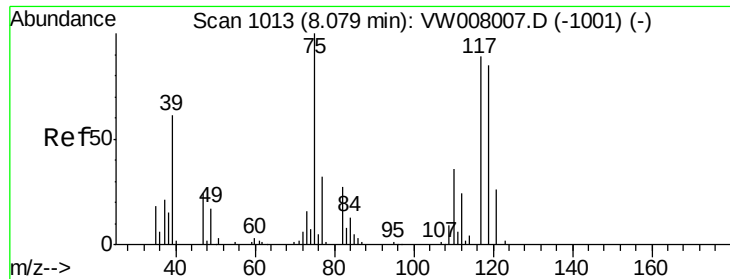
#35
Dibromofluoromethane
Concen: 50.805 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW008016.D
Acq: 03 Jan 2019 13:10

Tgt Ion:113 Resp: 33433
Ion Ratio Lower Upper
113 100
111 103.8 81.4 122.0
192 18.3 14.8 22.2



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

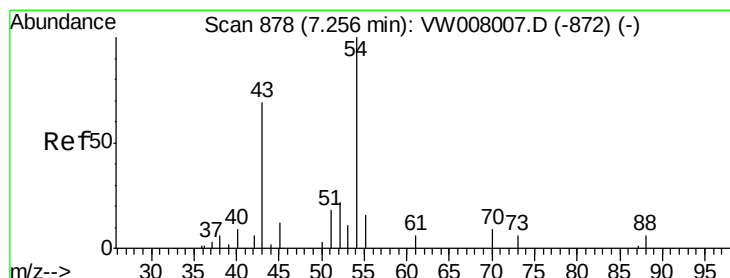
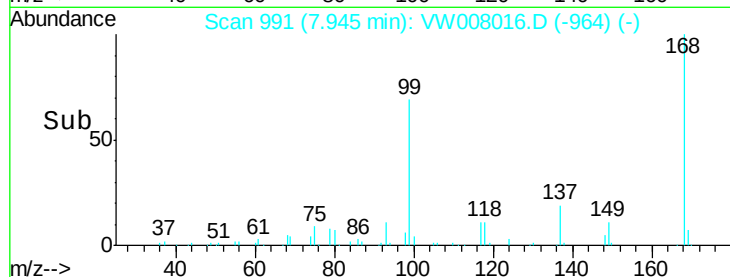
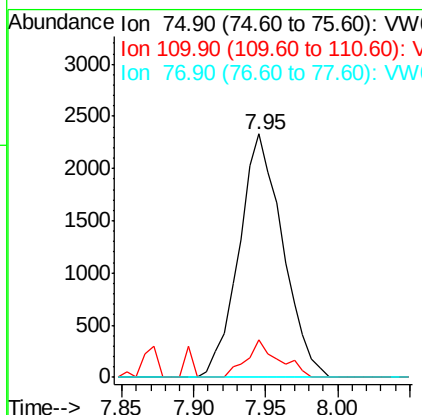
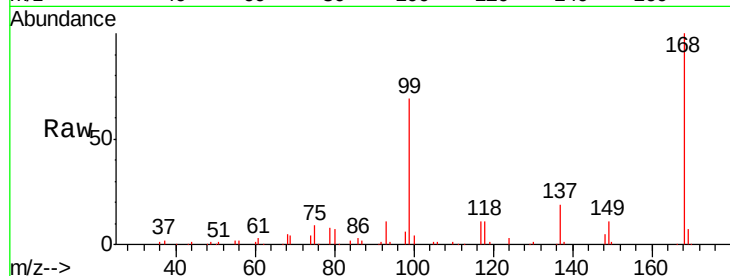




#36
 1,1-Dichloropropene
 Concen: 4.764 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008016.D
 Acq: 03 Jan 2019 13:10

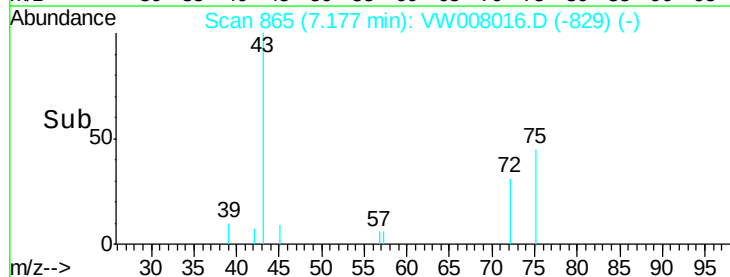
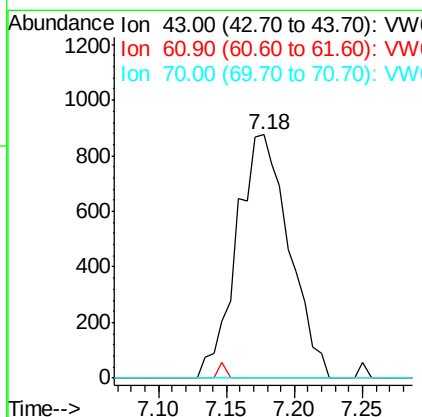
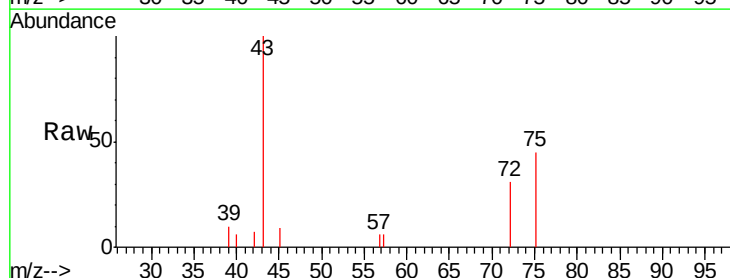
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 TEST-PIT-D-11-12-A

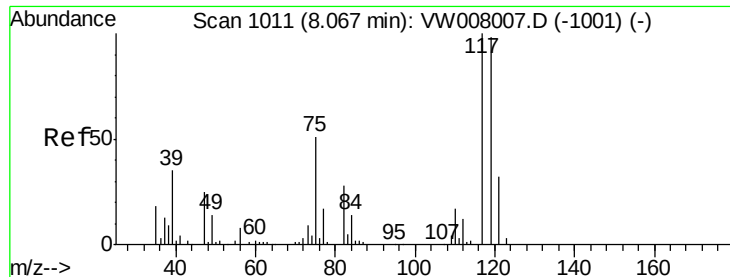
Tgt Ion: 75 Resp: 4906
 Ion Ratio Lower Upper
 75 100
 110 11.5 18.1 54.3#
 77 0.0 25.3 37.9#



#37
 Ethyl Acetate
 Concen: 7.640 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.08 min
 Lab File: VW008016.D
 Acq: 03 Jan 2019 13:10

Tgt Ion: 43 Resp: 2363
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.4 17.2#
 70 0.0 9.4 14.0#

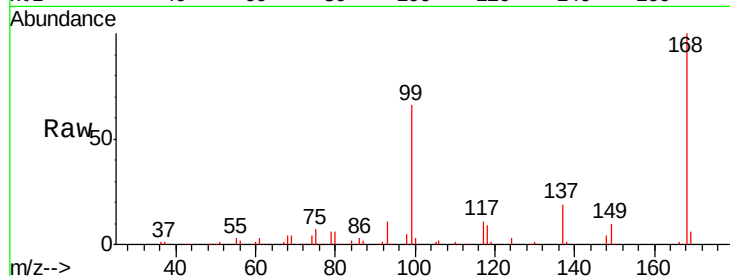




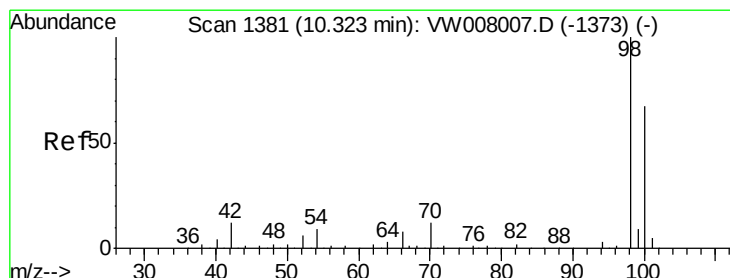
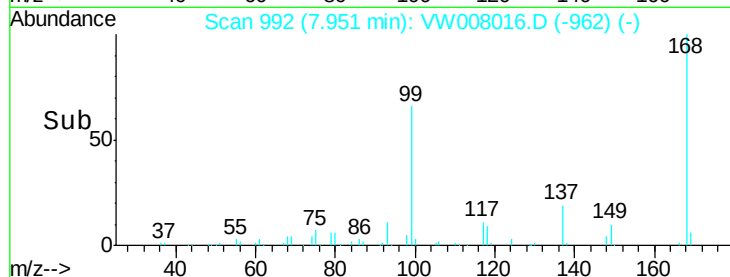
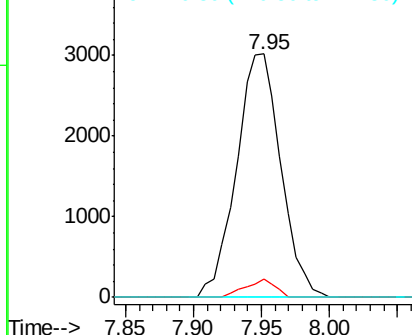
#38
Carbon Tetrachloride
Concen: 5.587 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW008016.D
Acq: 03 Jan 2019 13:10

Instrument :
MSVOA_W
ClientSampleId :
TEST-PIT-D-11-12-A

Tgt Ion:117 Resp: 6895
Ion Ratio Lower Upper
117 100
119 7.5 78.7 118.1#
121 0.0 25.8 38.8#

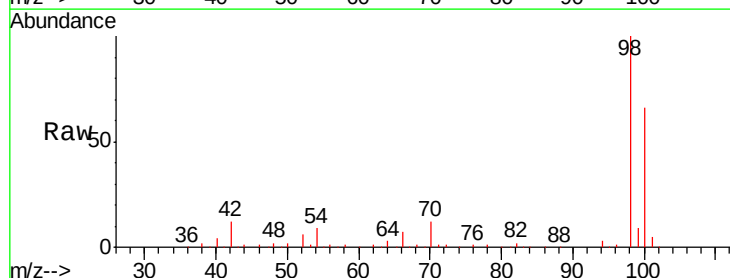


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

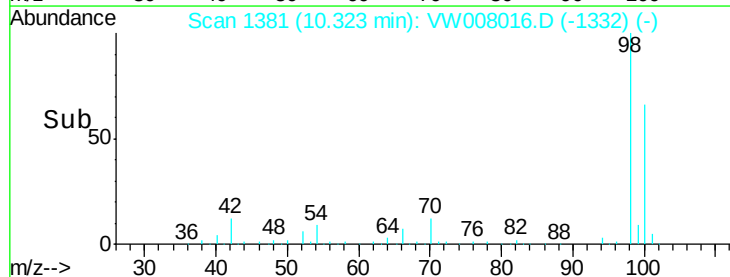
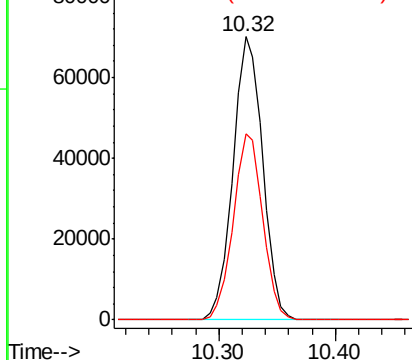


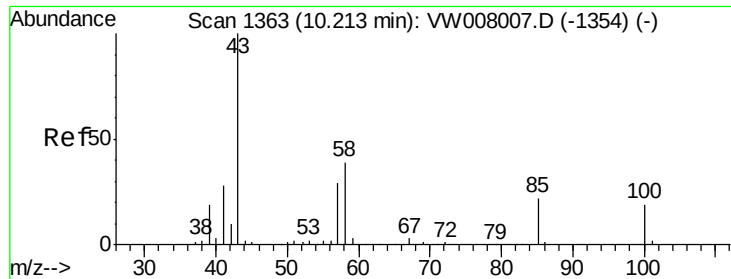
#50
Toluene-d8
Concen: 50.332 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008016.D
Acq: 03 Jan 2019 13:10

Tgt Ion: 98 Resp: 124246
Ion Ratio Lower Upper
98 100
100 65.3 52.9 79.3



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

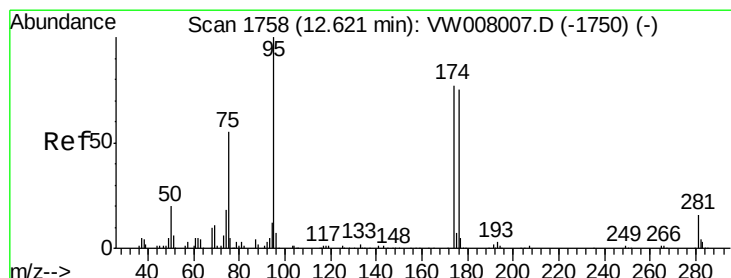
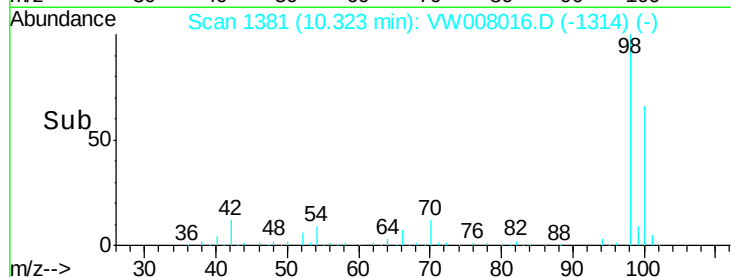
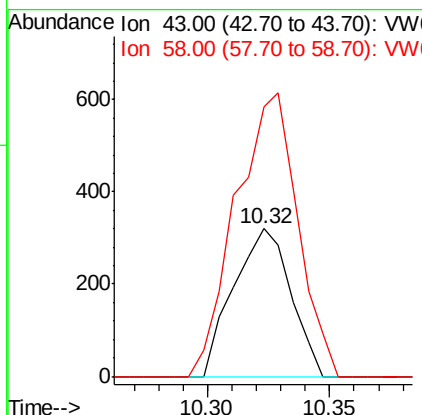
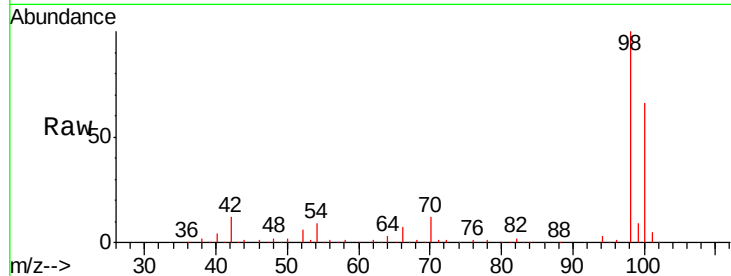




#51
 4-Methyl-2-Pentanone
 Concen: 1.818 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.11 min
 Lab File: VW008016.D
 Acq: 03 Jan 2019 13:10

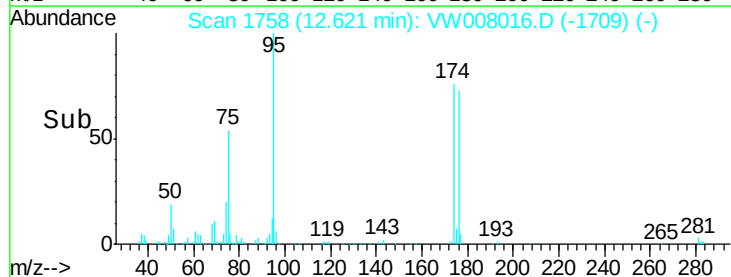
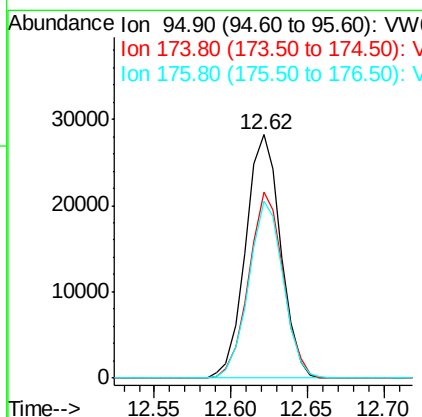
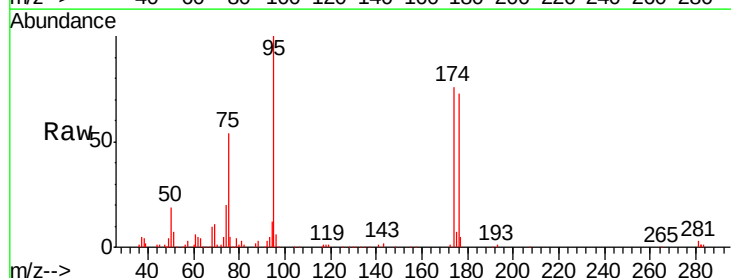
Instrument :
 MSVOA_W
 ClientSampleId :
 TEST-PIT-D-11-12-A

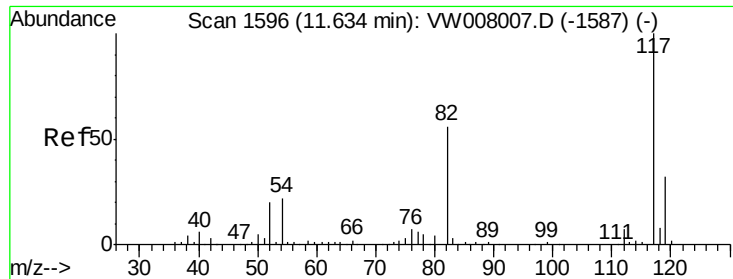
Tgt Ion: 43 Resp: 520
 Ion Ratio Lower Upper
 43 100
 58 207.3 32.0 48.0#



#62
 4-Bromofluorobenzene
 Concen: 47.415 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW008016.D
 Acq: 03 Jan 2019 13:10

Tgt Ion: 95 Resp: 44888
 Ion Ratio Lower Upper
 95 100
 174 75.1 0.0 149.6
 176 71.8 0.0 145.4

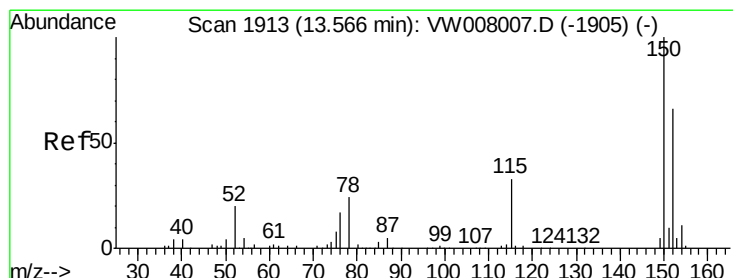
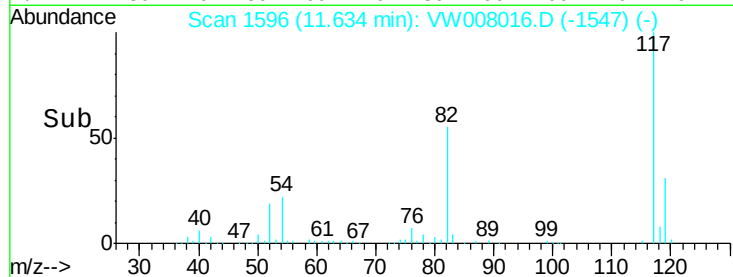
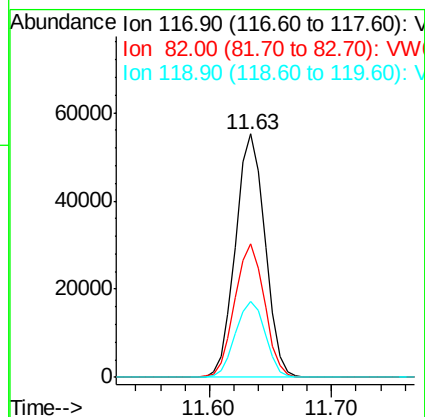
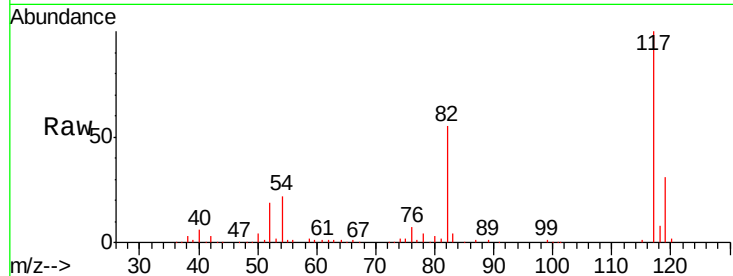




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008016.D
Acq: 03 Jan 2019 13:10

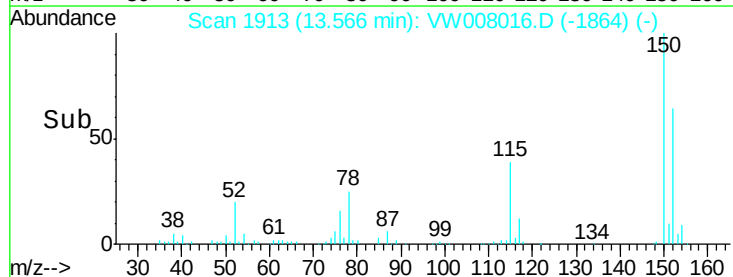
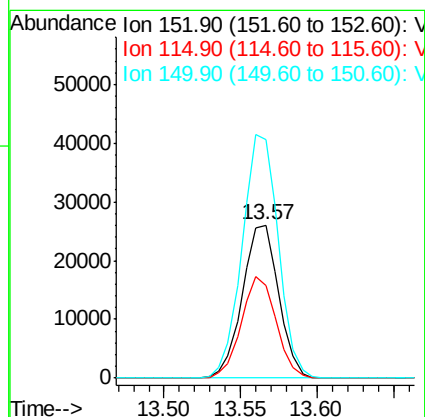
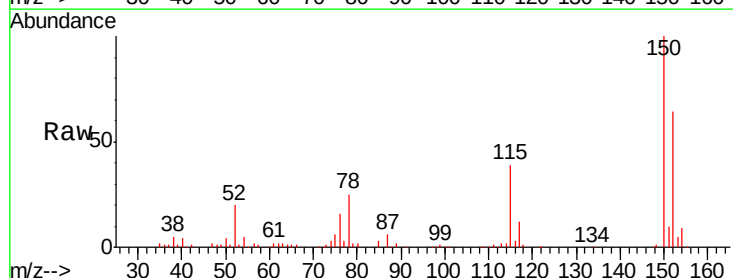
Instrument :
MSVOA_W
ClientSampleId :
TEST-PIT-D-11-12-A

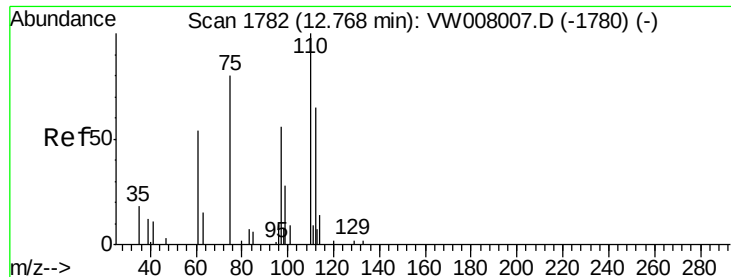
Tgt Ion:117 Resp: 91887
Ion Ratio Lower Upper
117 100
82 54.6 44.8 67.2
119 31.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW008016.D
Acq: 03 Jan 2019 13:10

Tgt Ion:152 Resp: 42824
Ion Ratio Lower Upper
152 100
115 63.7 32.1 96.5
150 158.8 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 70.517 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008016.D

Acq: 03 Jan 2019 13:10

Instrument :

MSVOA_W

ClientSampleId :

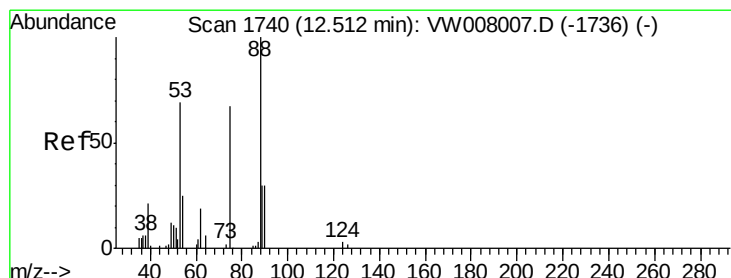
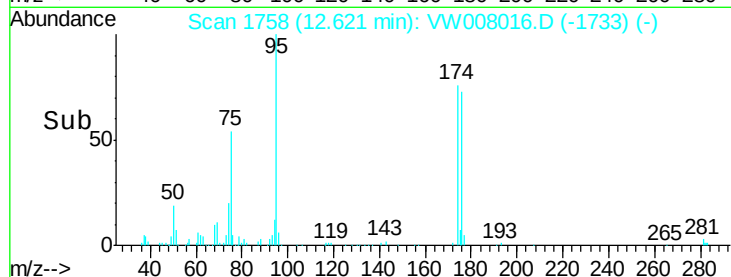
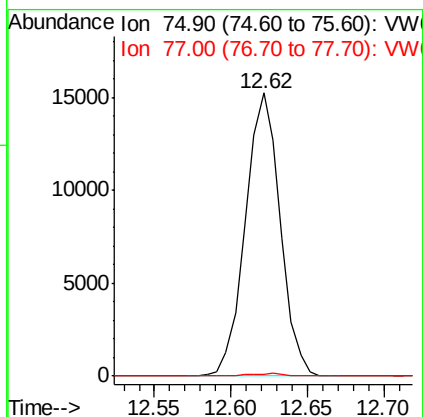
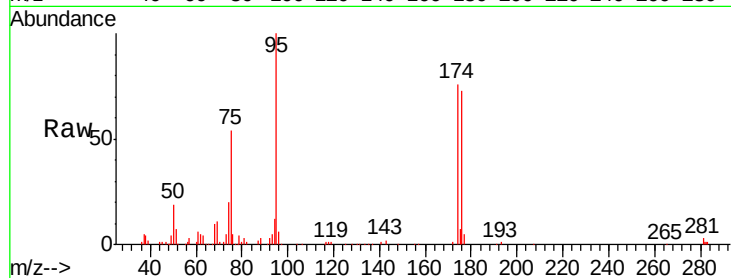
TEST-PIT-D-11-12-A

Tgt Ion: 75 Resp: 24024

Ion Ratio Lower Upper

75 100

77 1.0 186.2 558.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 166.760 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008016.D

Acq: 03 Jan 2019 13:10

Tgt Ion: 75 Resp: 24024

Ion Ratio Lower Upper

75 100

53 0.0 87.6 131.4#

89 0.0 42.2 63.2#

