

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021119\
 Data File : VW008609.D
 Acq On : 11 Feb 2019 20:28
 Operator : SY/VA
 Sample : K1461-05
 Misc : 5.37G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TEST-PIT-4

Quant Time: Feb 12 05:45:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

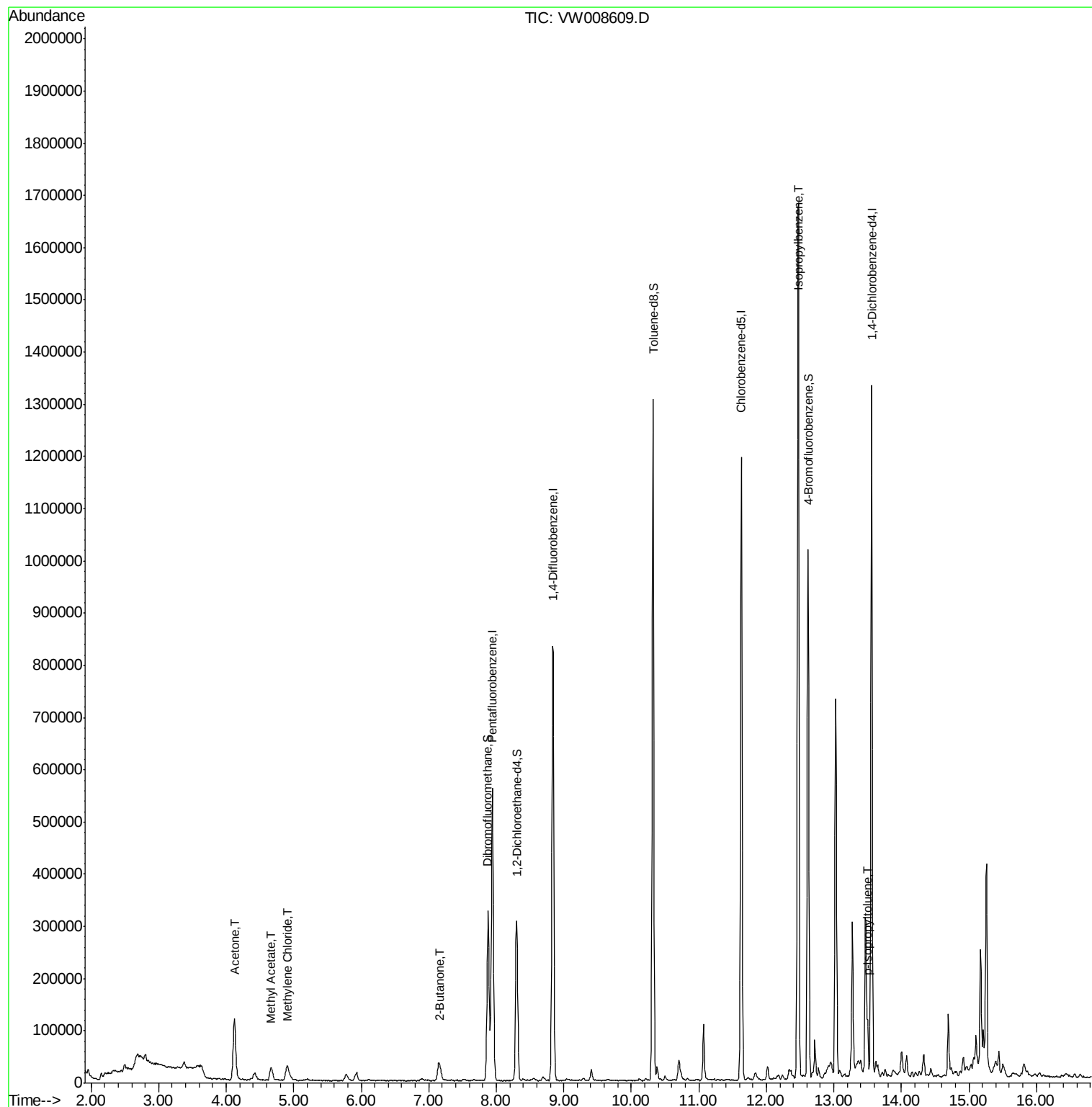
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	433144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	711987	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	645418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	310500	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	239138	56.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.40%	
35) Dibromofluoromethane	7.88	113	221627	53.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.46%	
50) Toluene-d8	10.32	98	849506	50.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.76%	
62) 4-Bromofluorobenzene	12.62	95	313745	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	210002	219.765	ug/l	99
18) Methyl Acetate	4.67	43	45963	18.034	ug/l	98
20) Methylene Chloride	4.91	84	25020	5.681	ug/l	91
25) 2-Butanone	7.17	43	21063	15.869	ug/l	94
73) Isopropylbenzene	12.47	105	68518	2.960	ug/l #	58
86) p-Isopropyltoluene	13.50	119	51457	2.389	ug/l #	74

(#) = 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# 991

Delta R.T. -0.00 min

Lab File: VW008609.D

Acq: 11 Feb 2019 20:28

Instrument :

MSVOA_W

ClientSampleId :

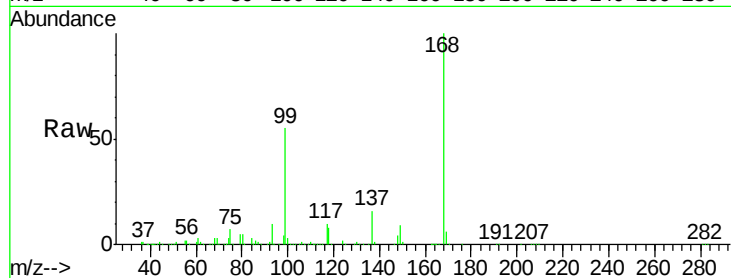
TEST-PIT-4

Tot Ion:168 Resp: 433144

Ion Ratio Lower Upper

168 100

99 54.6 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

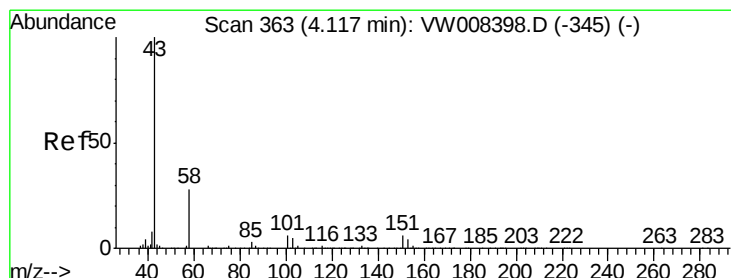
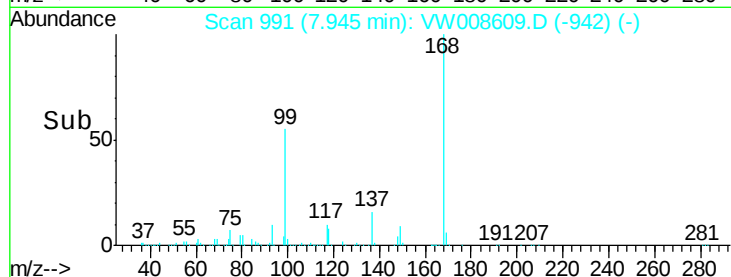
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 219.765 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008609.D

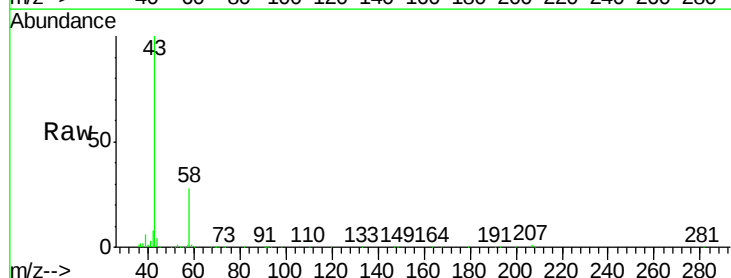
Acq: 11 Feb 2019 20:28

Tgt Ion: 43 Resp: 210002

Ion Ratio Lower Upper

43 100

58 28.0 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

80000

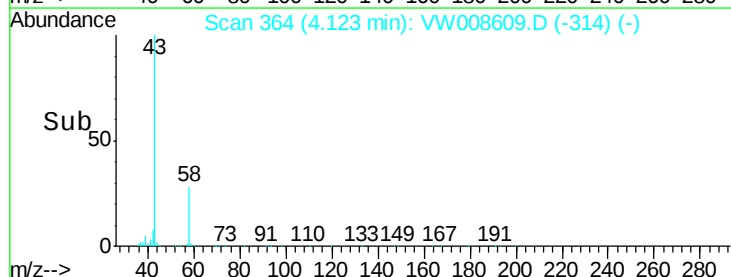
60000

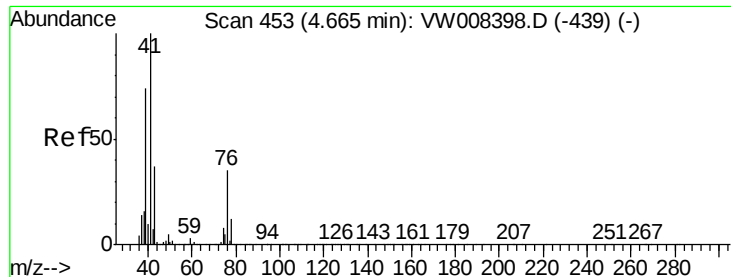
40000

20000

0

Time--> 4.00 4.10 4.20





#18

Methyl Acetate

Concen: 18.034 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW008609.D

Acq: 11 Feb 2019 20:28

Instrument :

MSVOA_W

ClientSampled :

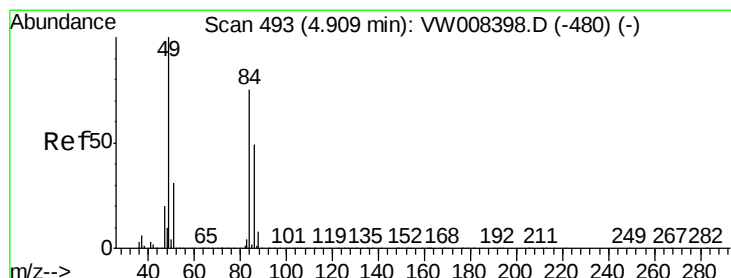
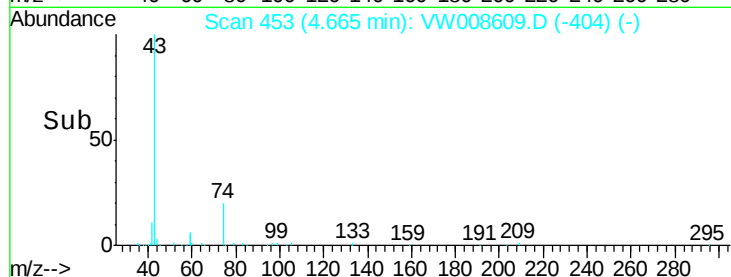
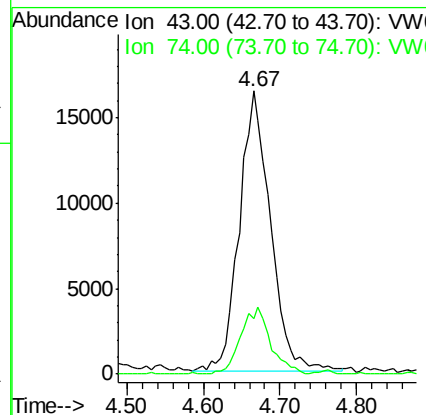
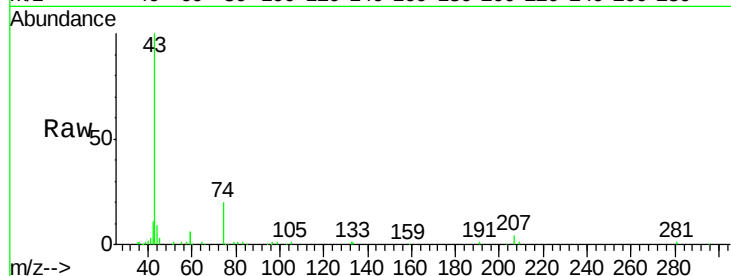
TEST-PIT-4

Tot Ion: 43 Resp: 45963

Ion Ratio Lower Upper

43 100

74 22.9 17.5 26.3



#20

Methylene Chloride

Concen: 5.681 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.00 min

Lab File: VW008609.D

Acq: 11 Feb 2019 20:28

Tgt Ion: 84 Resp: 25020

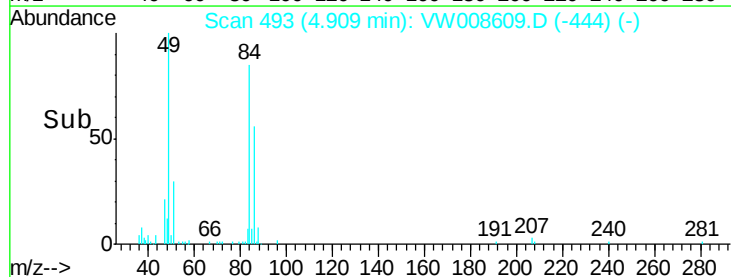
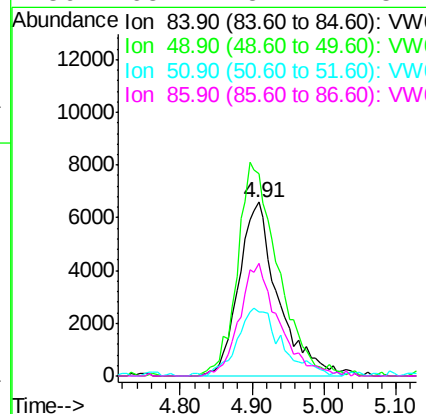
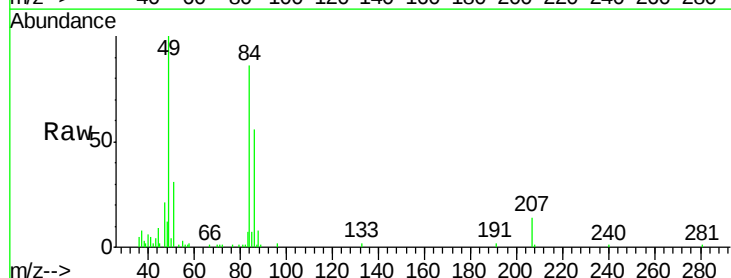
Ion Ratio Lower Upper

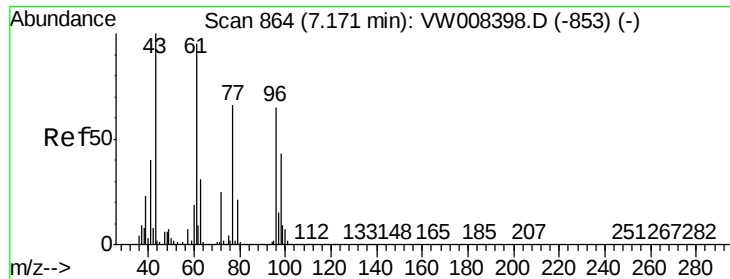
84 100

49 116.5 106.8 160.2

51 36.5 32.9 49.3

86 65.1 52.2 78.2

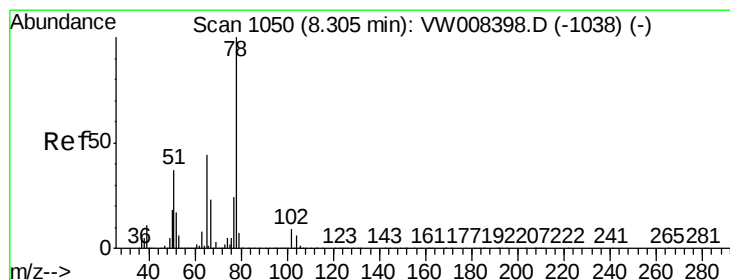
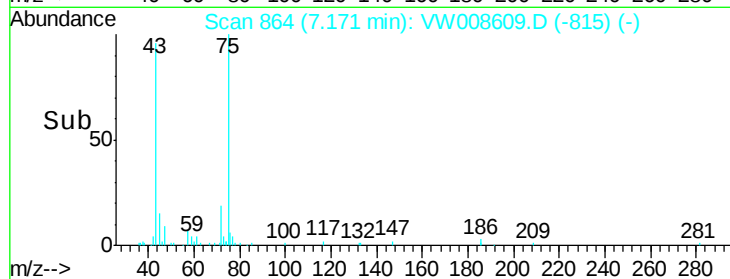
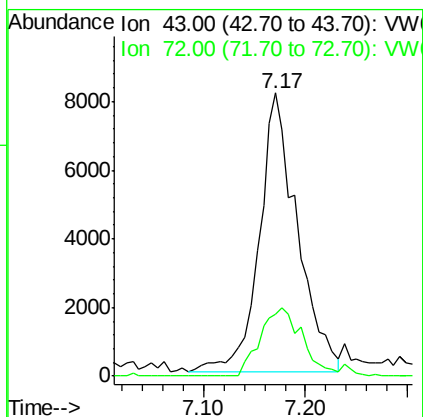
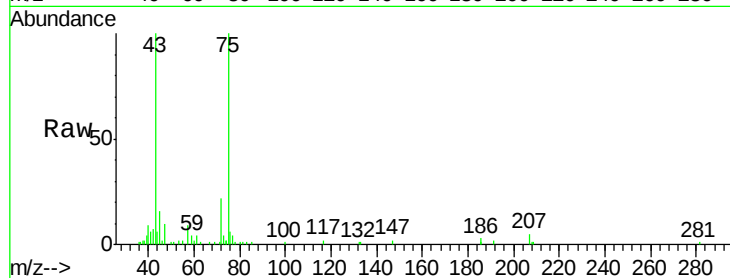




#25
2-Butanone
Concen: 15.869 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW008609.D
Acq: 11 Feb 2019 20:28

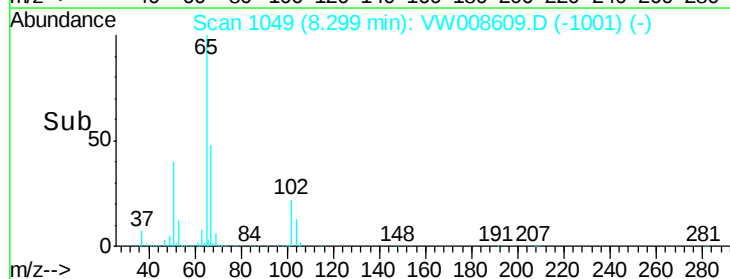
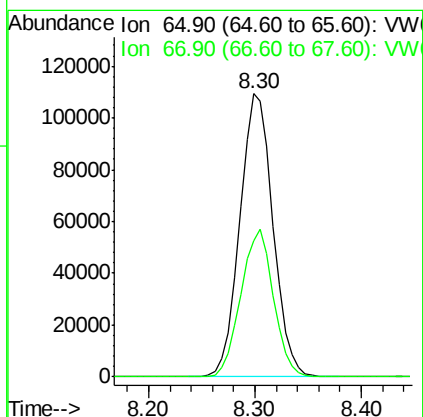
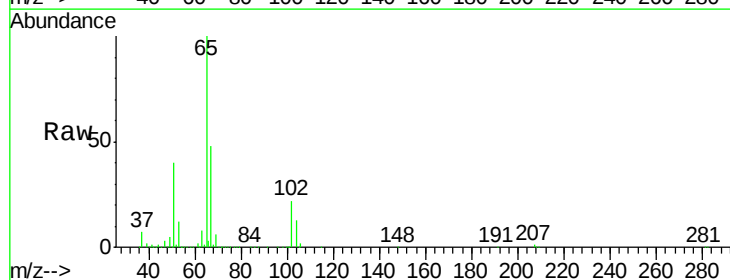
Instrument :
MSVOA_W
ClientSampleId :
TEST-PIT-4

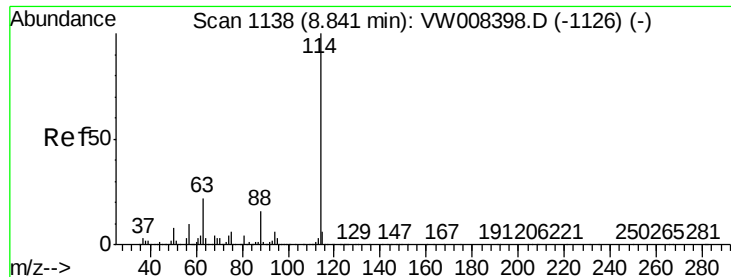
Tot Ion: 43 Resp: 21063
Ion Ratio Lower Upper
43 100
72 22.3 20.1 30.1



#33
1,2-Dichloroethane-d4
Concen: 56.199 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW008609.D
Acq: 11 Feb 2019 20:28

Tgt Ion: 65 Resp: 239138
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.0

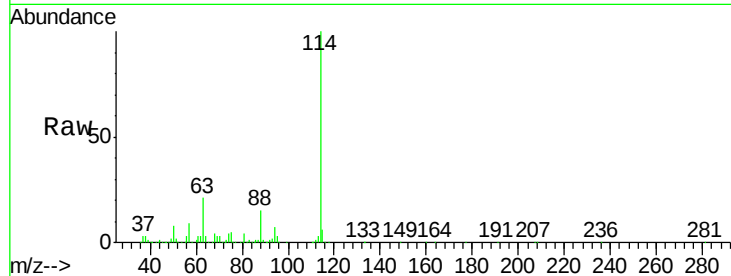




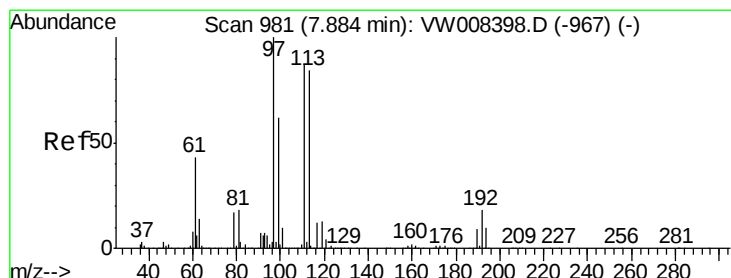
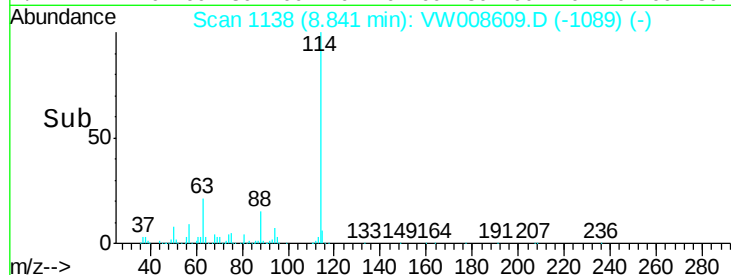
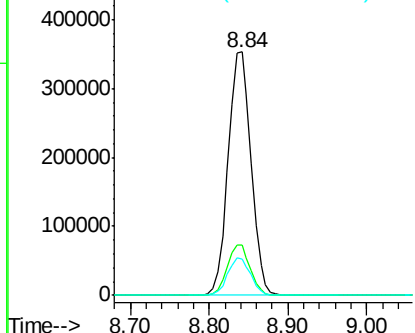
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW008609.D
Acq: 11 Feb 2019 20:28

Instrument :
MSVOA_W
ClientSampleId :
TEST-PIT-4

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	43.6
88	14.9	0.0	31.8

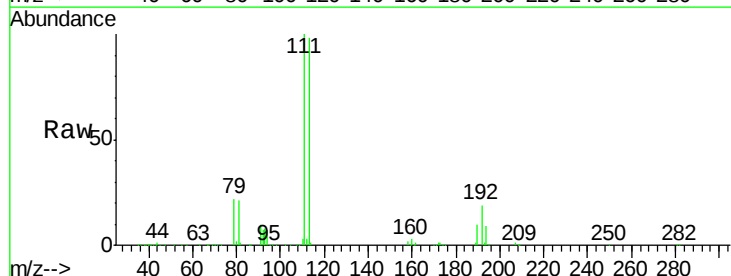


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

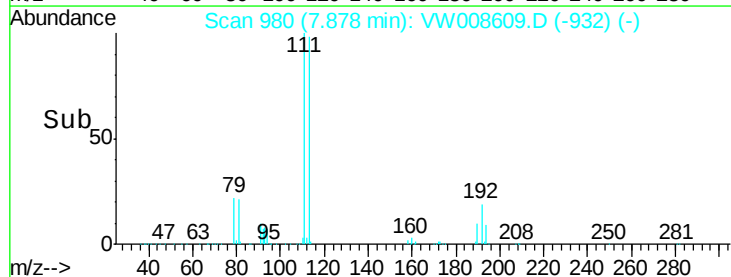
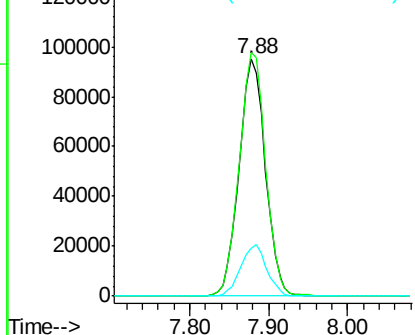


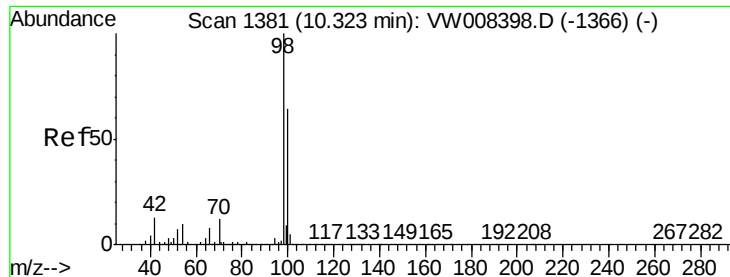
#35
Dibromofluoromethane
Concen: 53.234 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW008609.D
Acq: 11 Feb 2019 20:28

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.0	121.4
192	21.3	16.8	25.2



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





#50

Toluene-d8

Concen: 50.885 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008609.D

Acq: 11 Feb 2019 20:28

Instrument :

MSVOA_W

ClientSampleId :

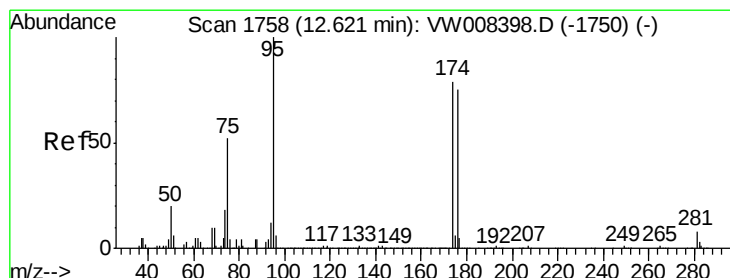
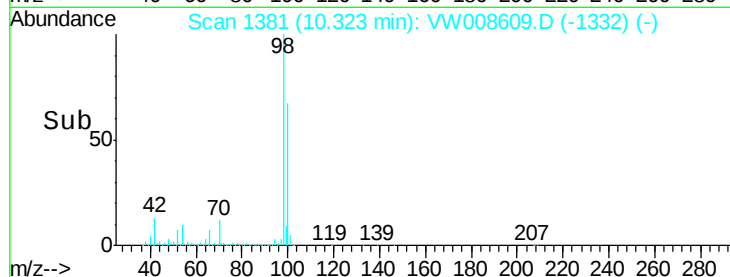
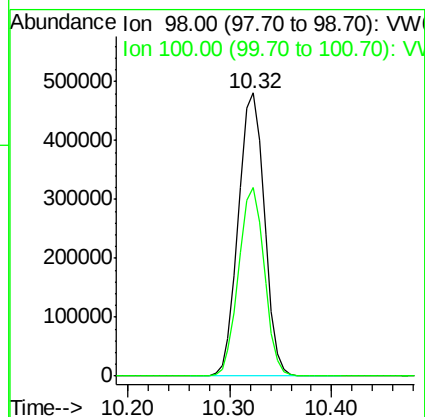
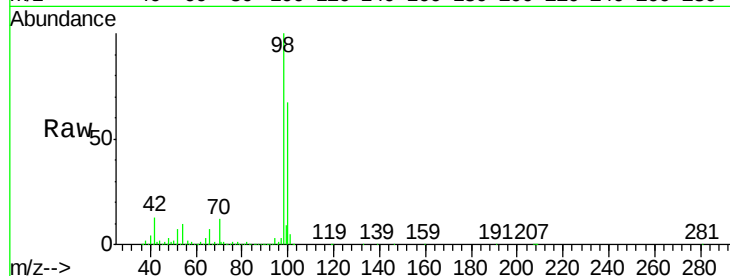
TEST-PIT-4

Tot Ion: 98 Resp: 849506

Ion Ratio Lower Upper

98 100

100 65.7 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 48.891 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008609.D

Acq: 11 Feb 2019 20:28

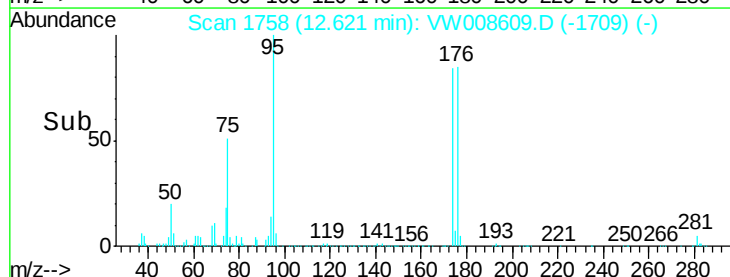
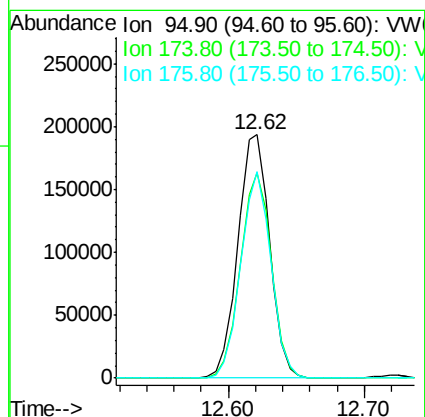
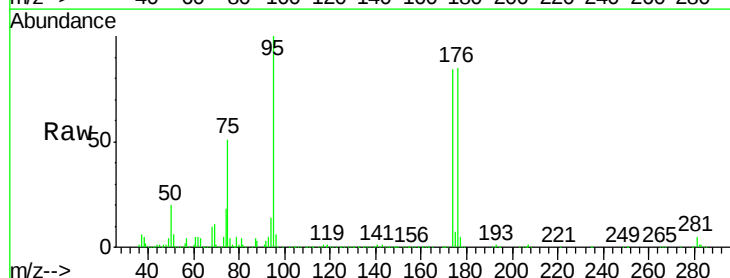
Tgt Ion: 95 Resp: 313745

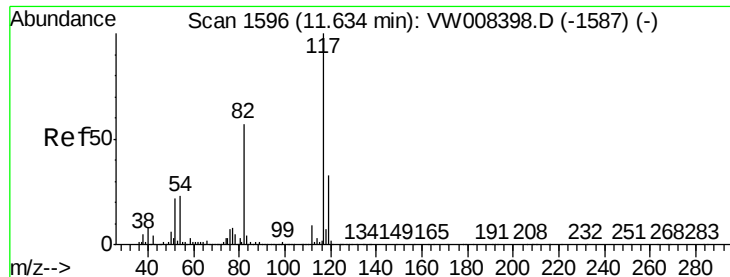
Ion Ratio Lower Upper

95 100

174 83.0 0.0 157.6

176 81.0 0.0 151.8

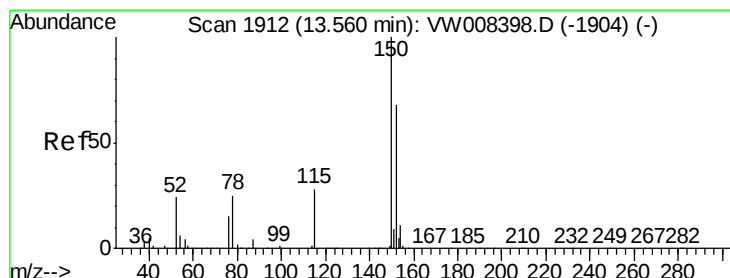
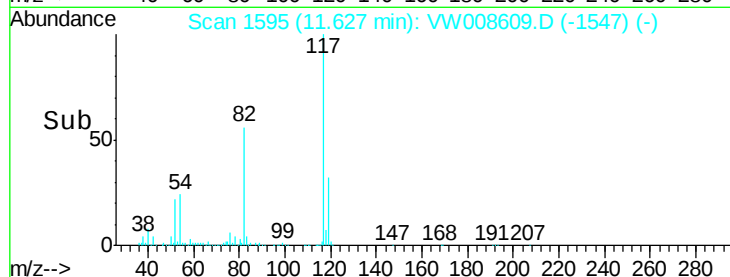
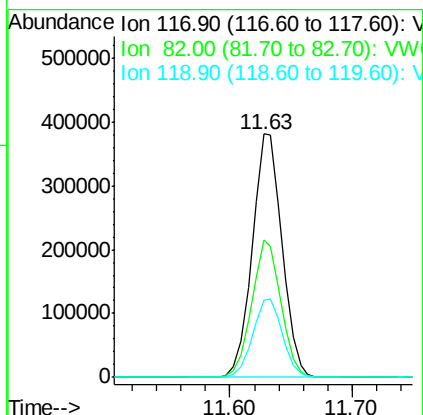
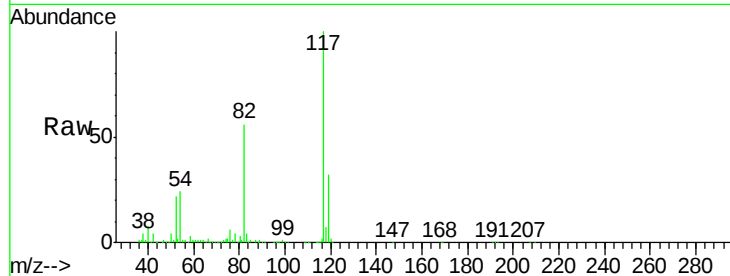




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW008609.D
Acq: 11 Feb 2019 20:28

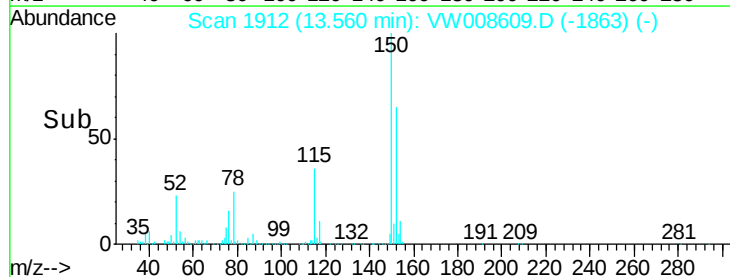
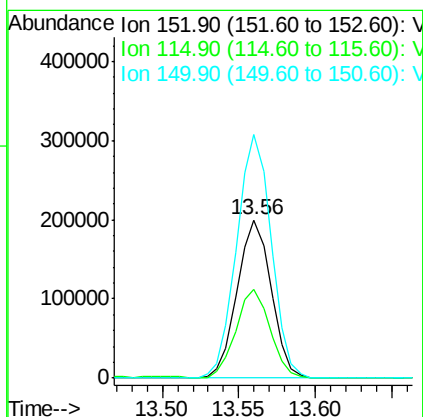
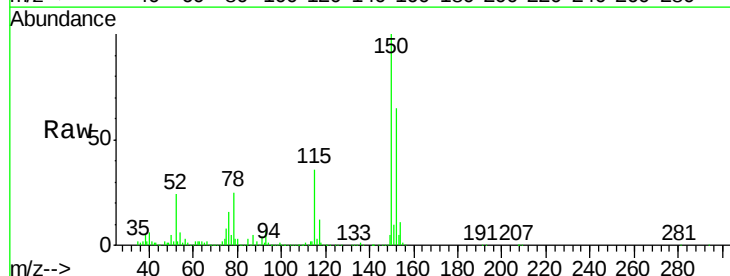
Instrument :
MSVOA_W
ClientSampleId :
TEST-PIT-4

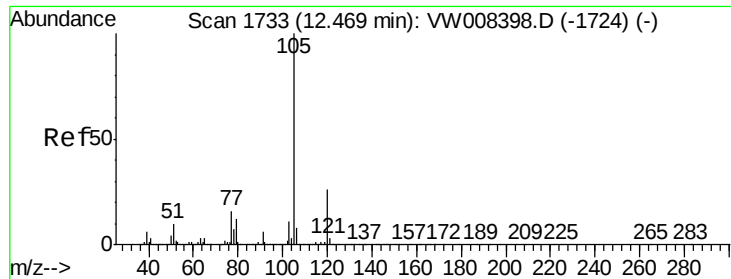
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	45.4	68.0
119	31.6	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008609.D
Acq: 11 Feb 2019 20:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.9	29.9	89.7
150	155.6	0.0	351.4





#73

Isopropylbenzene

Concen: 2.960 ug/l

RT: 12.47 min Scan# 1734

Delta R.T. 0.01 min

Lab File: VW008609.D

Acq: 11 Feb 2019 20:28

Instrument :

MSVOA_W

ClientSampleId :

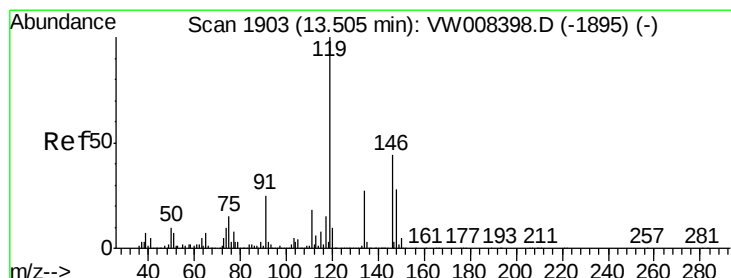
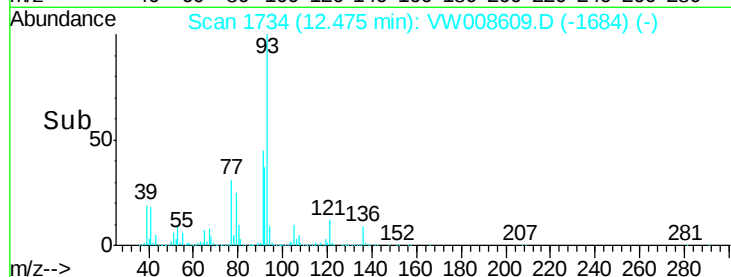
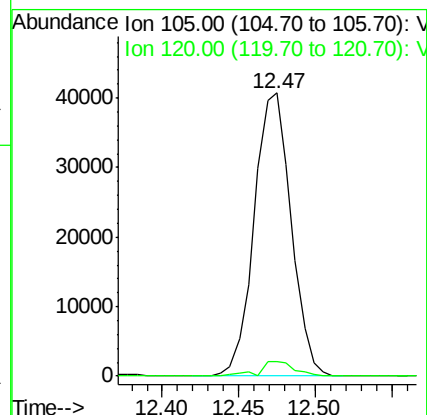
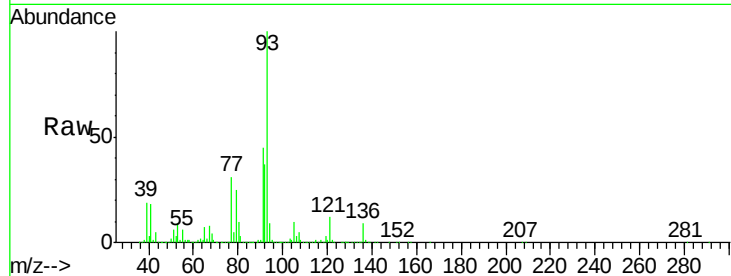
TEST-PIT-4

Tot Ion:105 Resp: 68518

Ion Ratio Lower Upper

105 100

120 4.9 13.3 39.8#



#86

p-Isopropyltoluene

Concen: 2.389 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW008609.D

Acq: 11 Feb 2019 20:28

Tgt Ion:119 Resp: 51457

Ion Ratio Lower Upper

119 100

134 28.7 13.4 40.2

91 0.0 12.6 37.6#

