

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062718\
 Data File : VW003595.D
 Acq On : 27 Jun 2018 03:32
 Operator : SY/AP
 Sample : J3682-02
 Misc : 9.85G/5ML/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-BPM-01-E5-F5-E5A-F5A

Quant Time: Jun 27 07:57:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	132088	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	229079	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	215784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	103421	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	78284	54.72	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.44%	
35) Dibromofluoromethane	7.88	113	68039	47.80	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.60%	
50) Toluene-d8	10.33	98	205710	36.45	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	72.90%	
62) 4-Bromofluorobenzene	12.63	95	76867	38.48	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	76.96%	

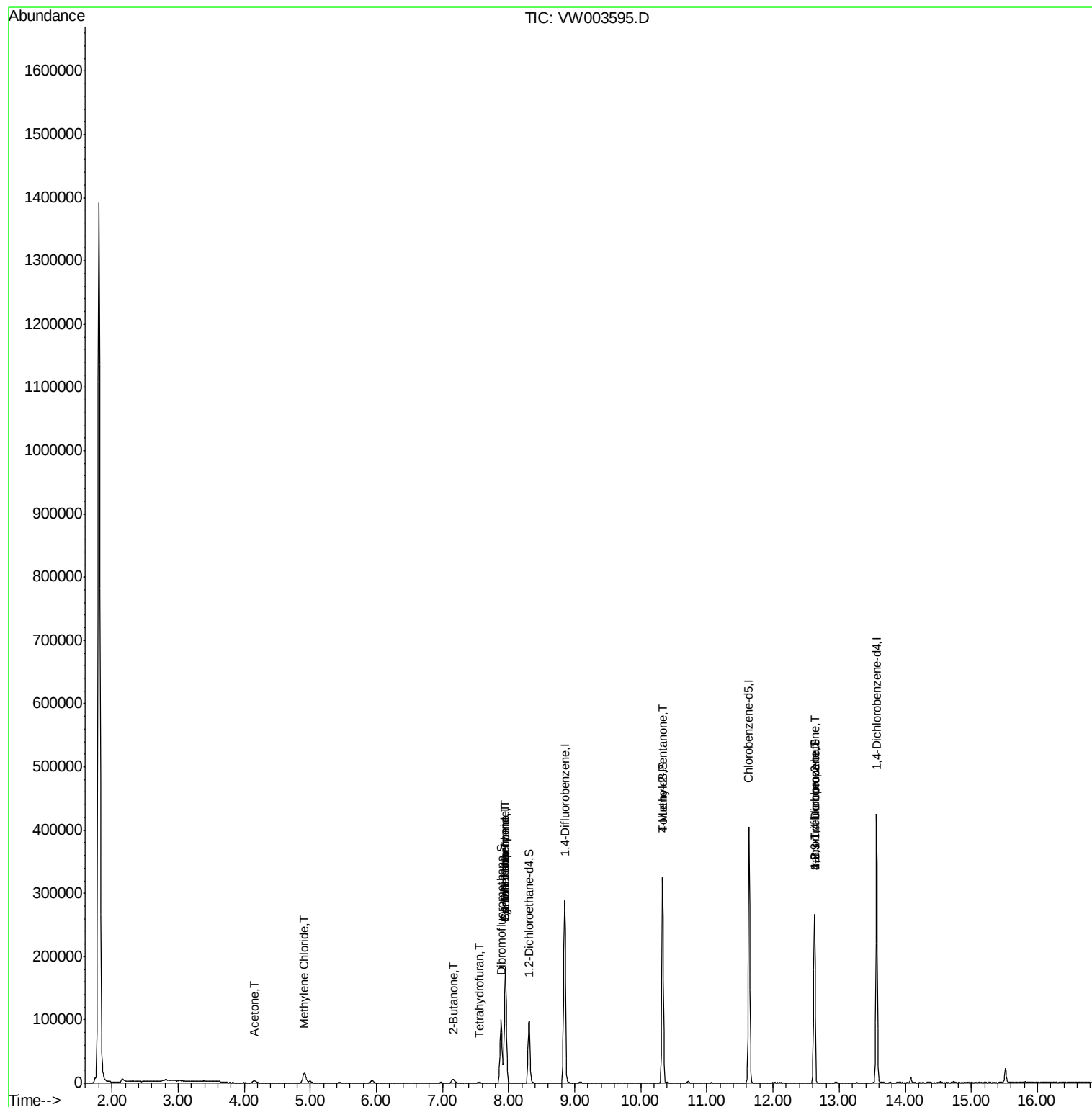
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	7198	23.988	ug/l #	88
20) Methylene Chloride	4.91	84	11970	6.173	ug/l	94
25) 2-Butanone	7.17	43	579	1.552	ug/l #	50
29) Tetrahydrofuran	7.55	42	729	3.197	ug/l #	41
31) Cyclohexane	7.95	56	3347	1.448	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	11215	5.069	ug/l #	50
38) Carbon Tetrachloride	7.95	117	13161	6.065	ug/l #	18
51) 4-Methyl-2-Pentanone	10.32	43	1185	1.278	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	41792	47.269	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	41792	108.769	ug/l #	8

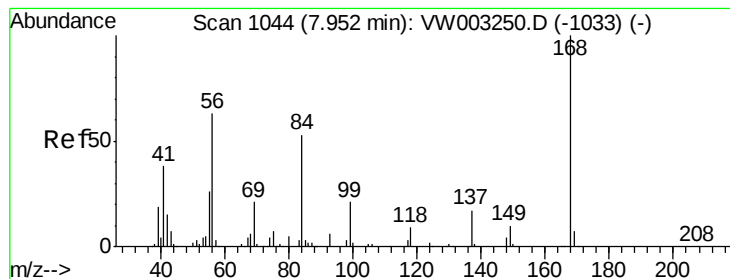
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003595.D

Acq: 27 Jun 2018 03:32

Instrument :

MSVOA_W

ClientSampleId :

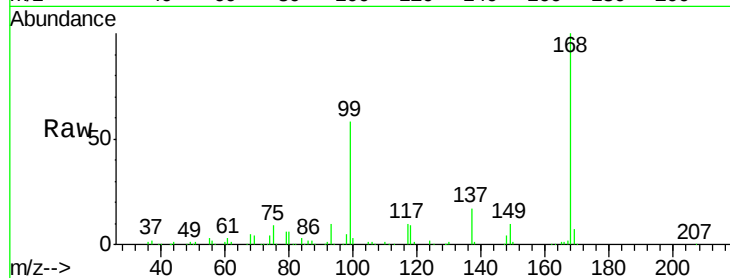
FK-BPM-01-E5-F5-E5A-F5A

Tgt Ion:168 Resp: 132088

Ion Ratio Lower Upper

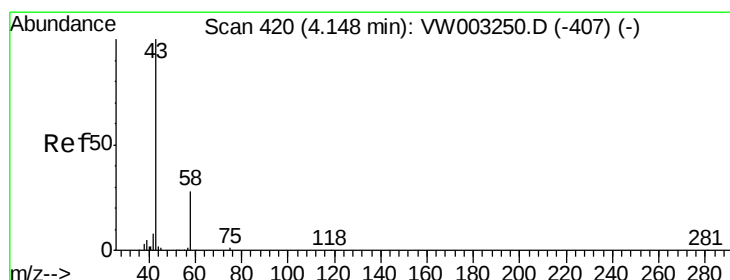
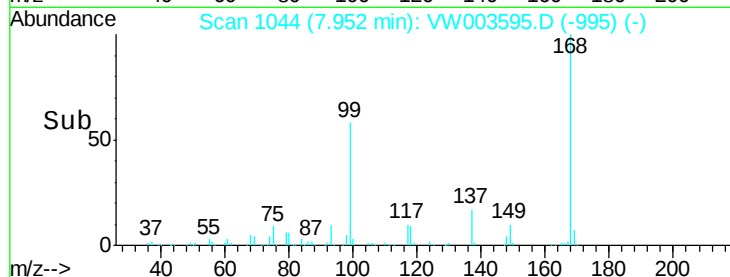
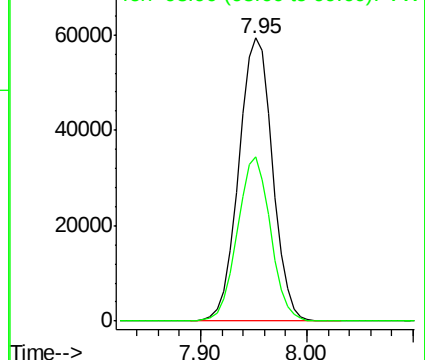
168 100

99 58.2 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 23.988 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003595.D

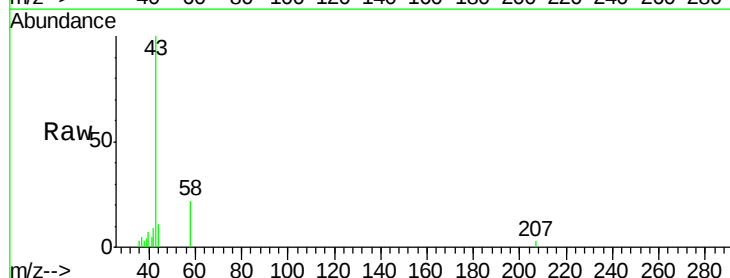
Acq: 27 Jun 2018 03:32

Tgt Ion: 43 Resp: 7198

Ion Ratio Lower Upper

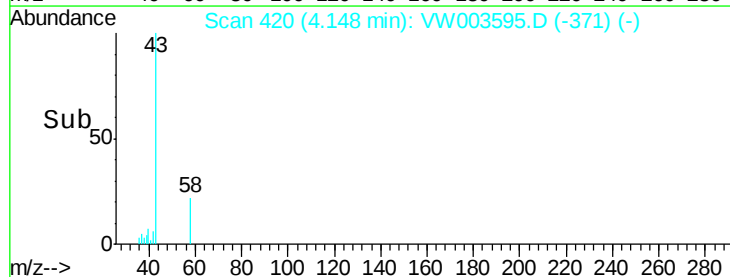
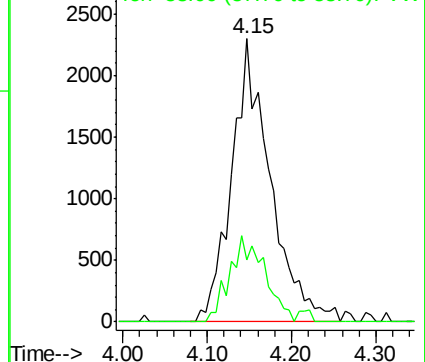
43 100

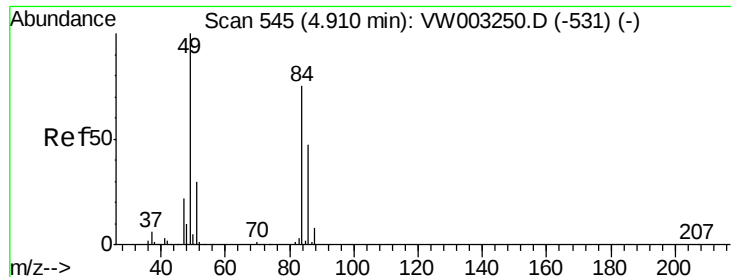
58 21.8 22.6 34.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

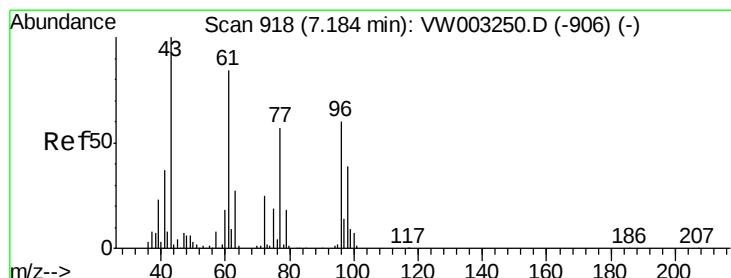
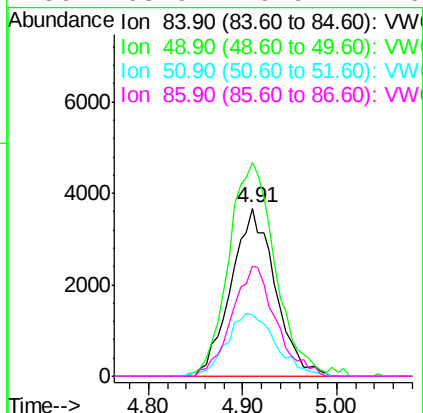
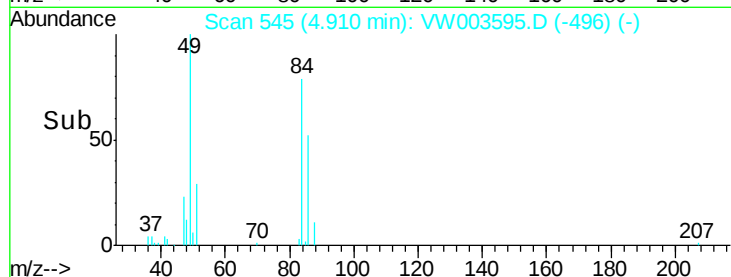
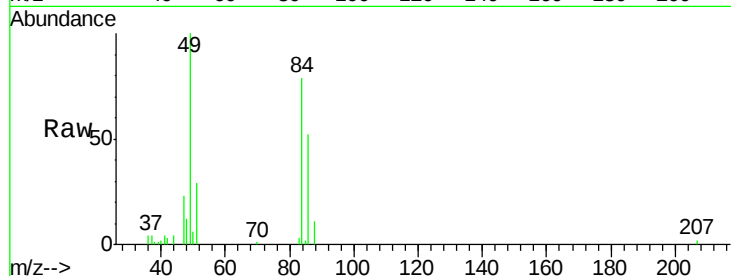




#20
Methylene Chloride
Concen: 6.173 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003595.D
Acq: 27 Jun 2018 03:32

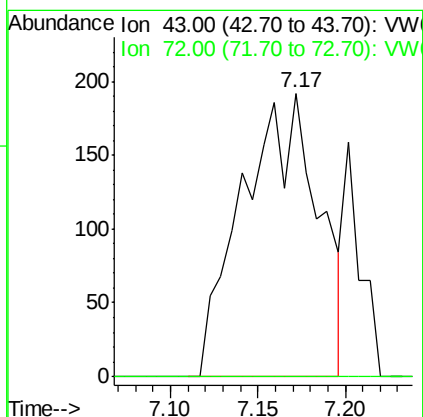
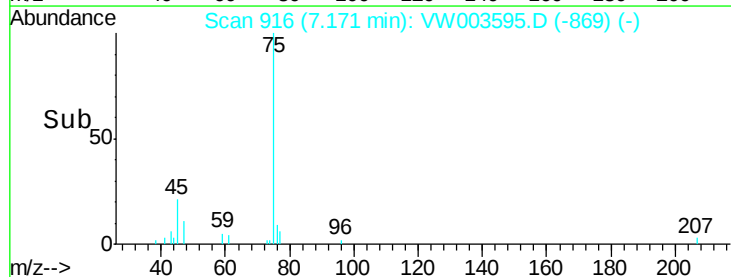
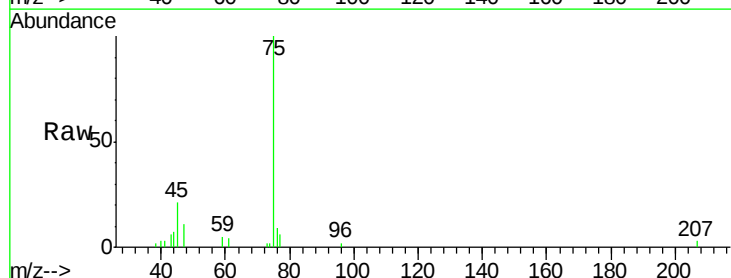
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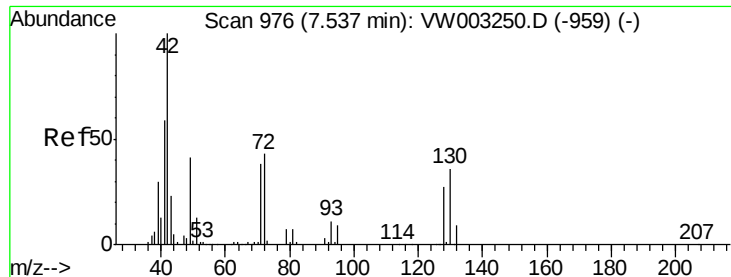
Tgt Ion: 84 Resp: 11970
Ion Ratio Lower Upper
84 100
49 125.6 106.3 159.5
51 36.9 32.0 48.0
86 65.9 49.9 74.9



#25
2-Butanone
Concen: 1.552 ug/l
RT: 7.17 min Scan# 916
Delta R.T. -0.01 min
Lab File: VW003595.D
Acq: 27 Jun 2018 03:32

Tgt Ion: 43 Resp: 579
Ion Ratio Lower Upper
43 100
72 0.0 20.3 30.5#

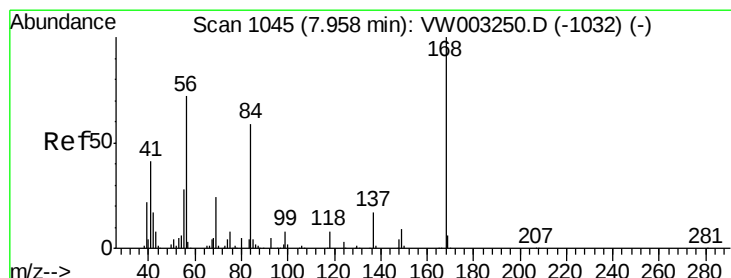
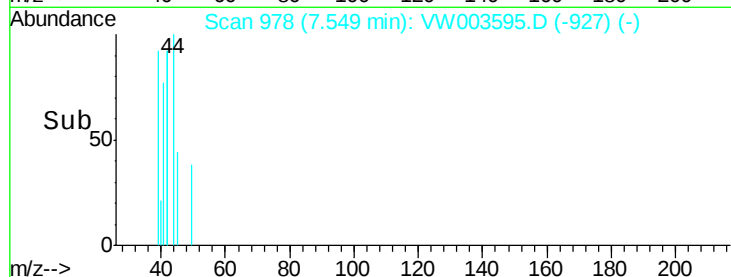
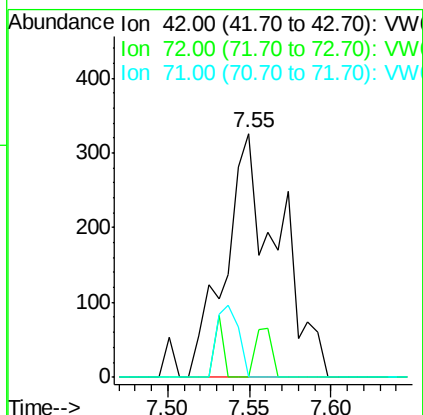
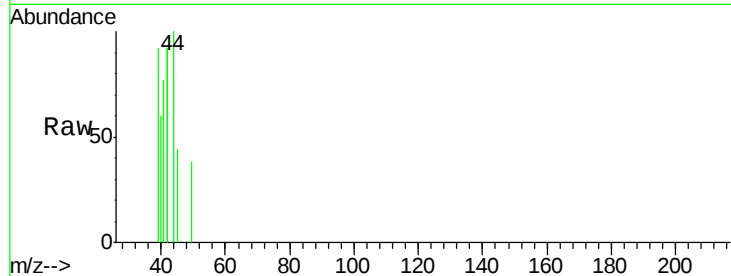




#29
Tetrahydrofuran
Concen: 3.197 ug/l
RT: 7.55 min Scan# 978
Delta R.T. 0.01 min
Lab File: VW003595.D
Acq: 27 Jun 2018 03:32

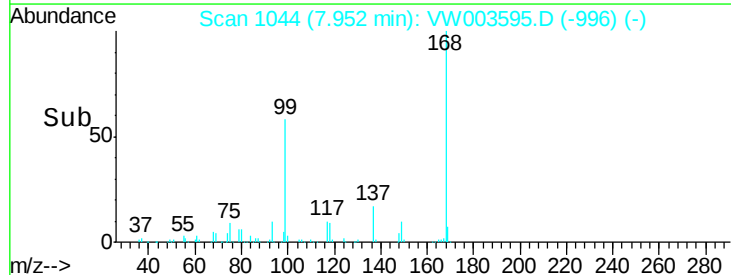
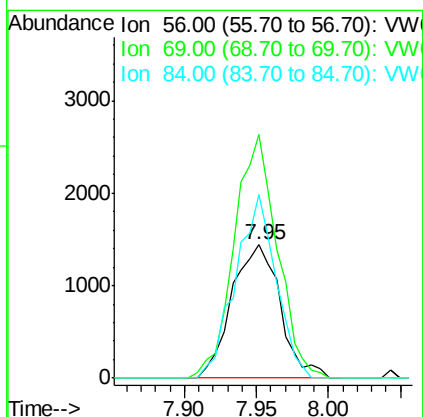
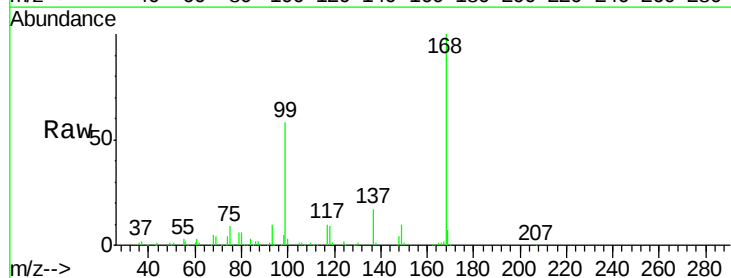
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MSVOA_W
ClientSampleId :
FK-BPM-01-E5-F5-E5A-F5A

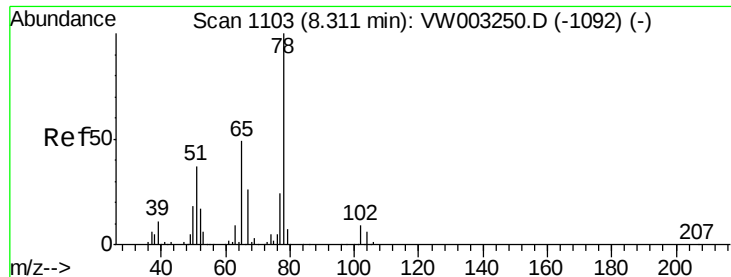
Tgt Ion: 42 Resp: 729
Ion Ratio Lower Upper
42 100
72 6.4 32.4 48.6#
71 0.0 31.2 46.8#



#31
Cyclohexane
Concen: 1.448 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW003595.D
Acq: 27 Jun 2018 03:32

Tgt Ion: 56 Resp: 3347
Ion Ratio Lower Upper
56 100
69 183.2 26.3 39.5#
84 138.0 65.7 98.5#

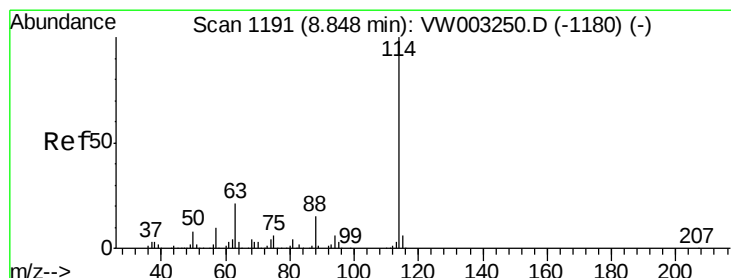
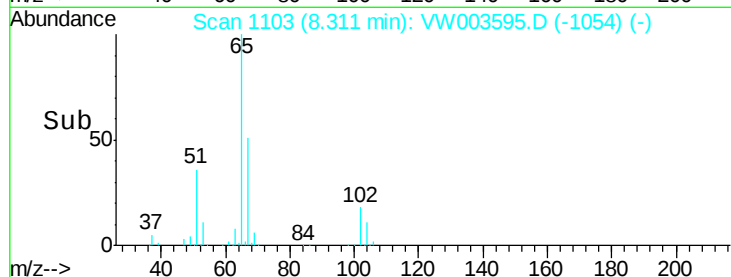
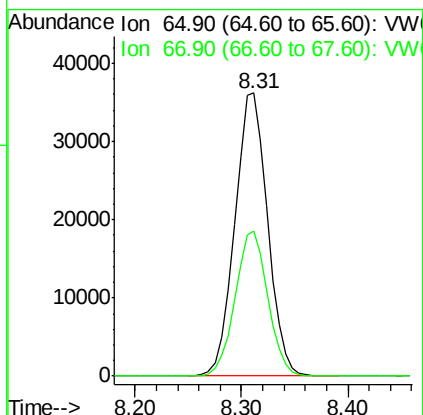
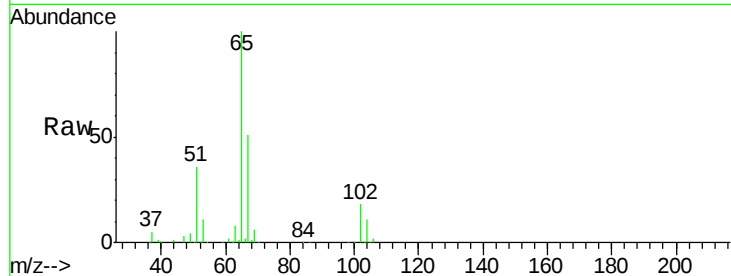




#33
 1,2-Dichloroethane-d4
 Concen: 54.717 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003595.D
 Acq: 27 Jun 2018 03:32

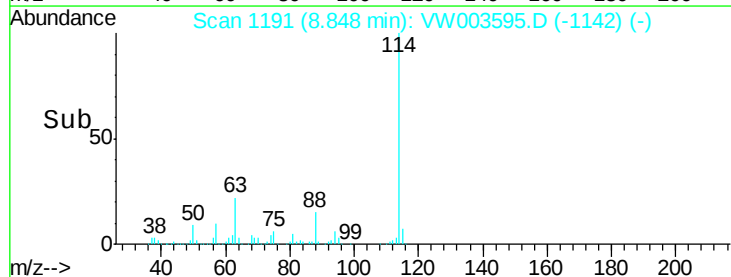
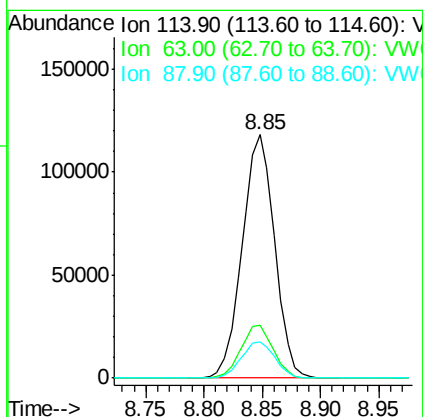
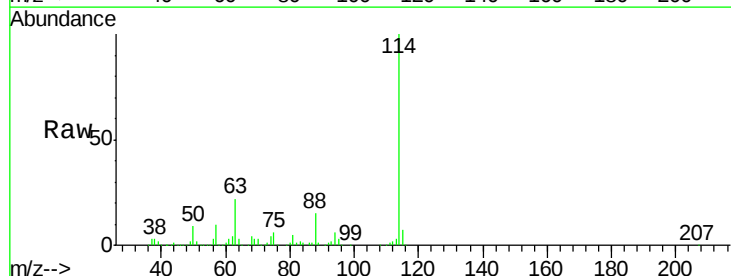
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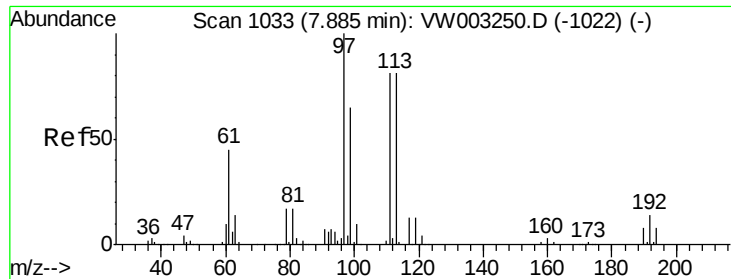
Tgt Ion: 65 Resp: 78284
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003595.D
 Acq: 27 Jun 2018 03:32

Tgt Ion: 114 Resp: 229079
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.0
 88 15.0 0.0 29.6

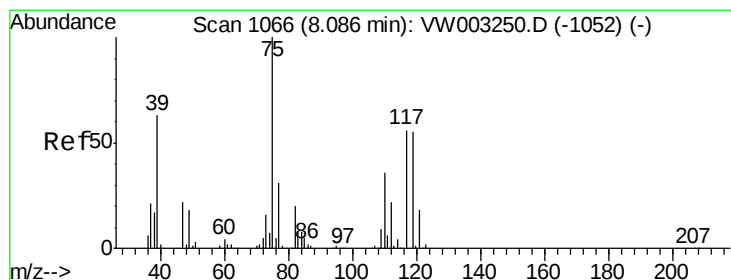
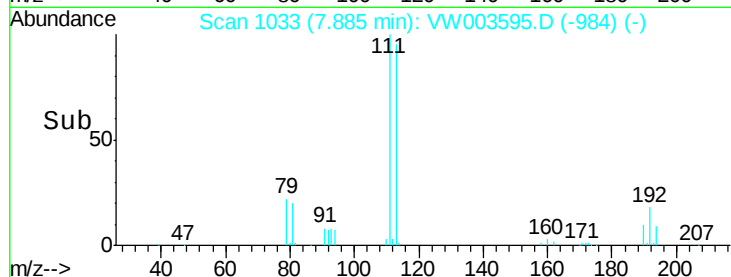
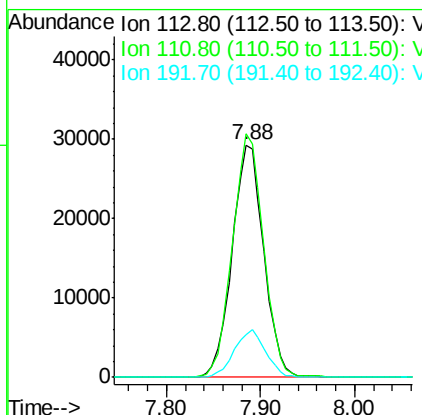
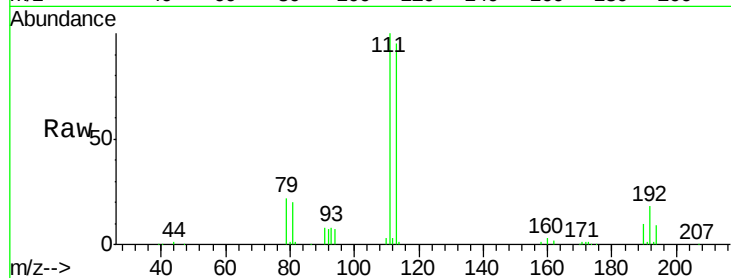




#35
 Dibromofluoromethane
 Concen: 47.799 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003595.D
 Acq: 27 Jun 2018 03:32

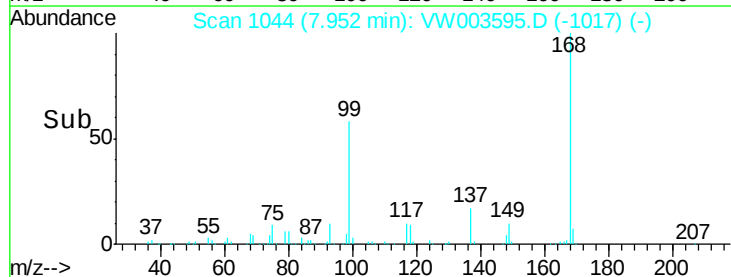
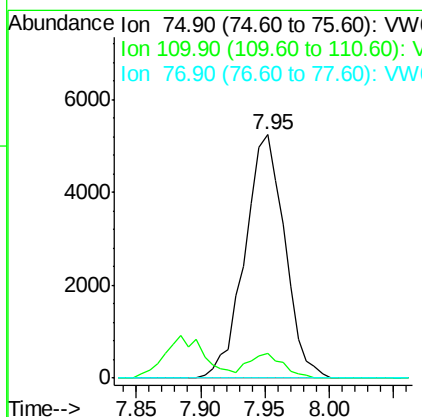
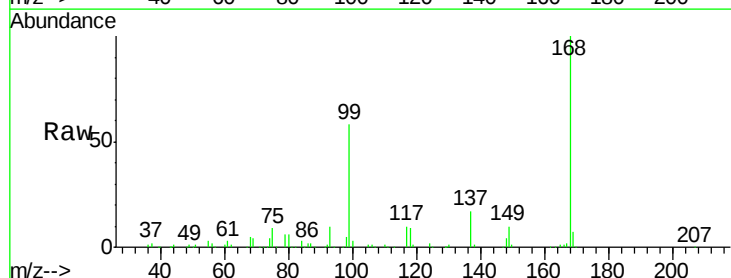
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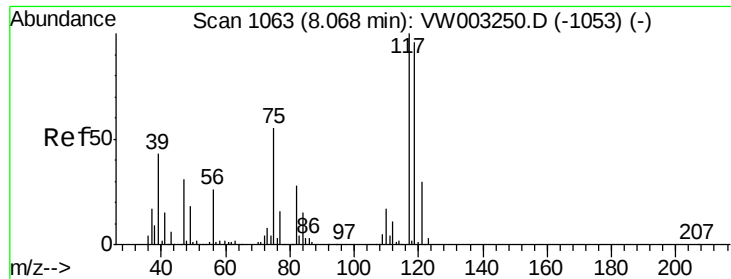
Tgt Ion:113 Resp: 68039
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.2 123.2
 192 20.3 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 5.069 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003595.D
 Acq: 27 Jun 2018 03:32

Tgt Ion: 75 Resp: 11215
 Ion Ratio Lower Upper
 75 100
 110 8.8 17.1 51.3#
 77 0.0 24.9 37.3#

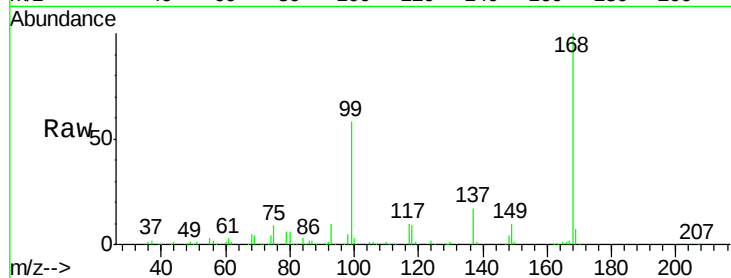




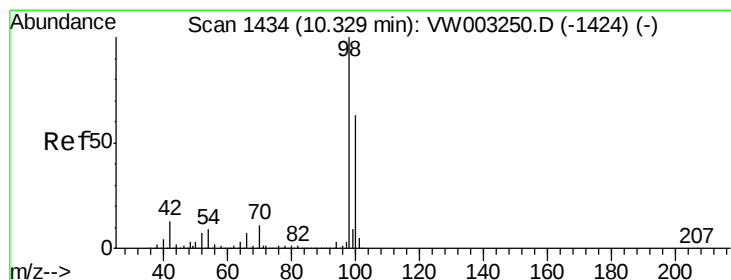
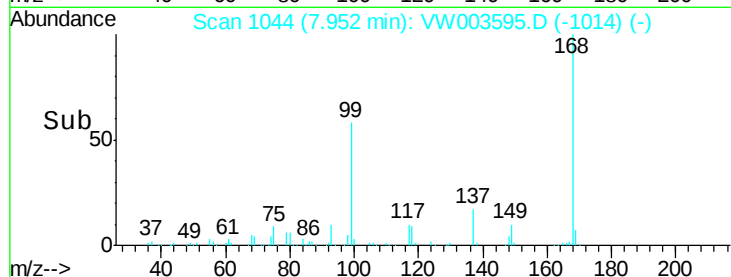
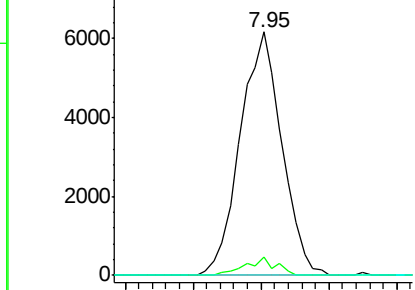
#38
Carbon Tetrachloride
Concen: 6.065 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW003595.D
Acq: 27 Jun 2018 03:32

Instrument :
MSVOA_W
ClientSampleId :
FK-BPM-01-E5-F5-E5A-F5A

Tgt Ion:117 Resp: 13161
Ion Ratio Lower Upper
117 100
119 7.7 76.6 115.0#
121 0.0 23.9 35.9#

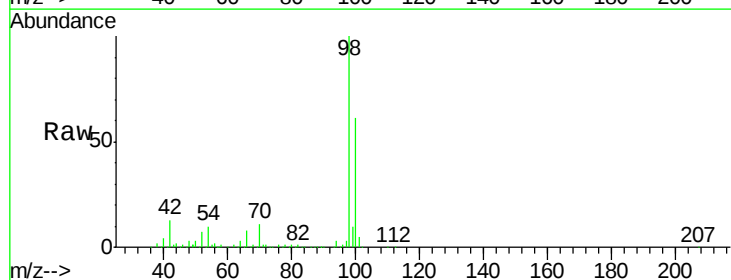


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

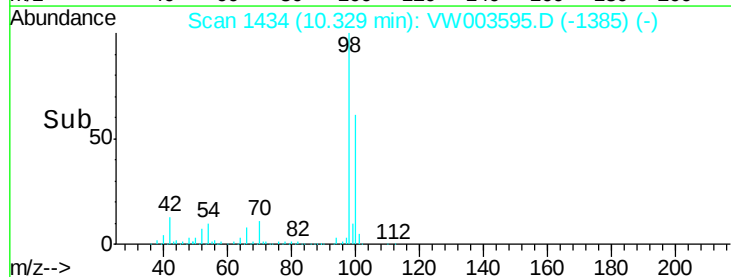
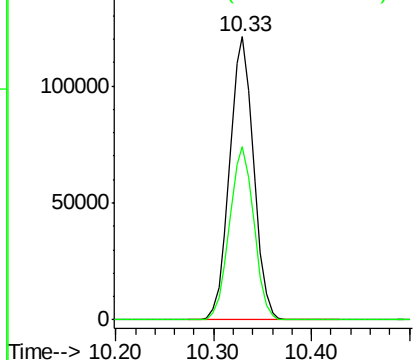


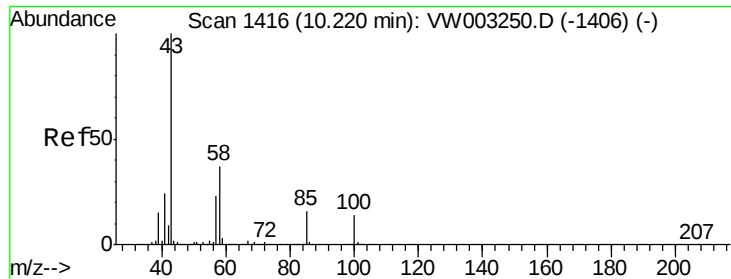
#50
Toluene-d8
Concen: 36.446 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003595.D
Acq: 27 Jun 2018 03:32

Tgt Ion: 98 Resp: 205710
Ion Ratio Lower Upper
98 100
100 62.0 50.8 76.2



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

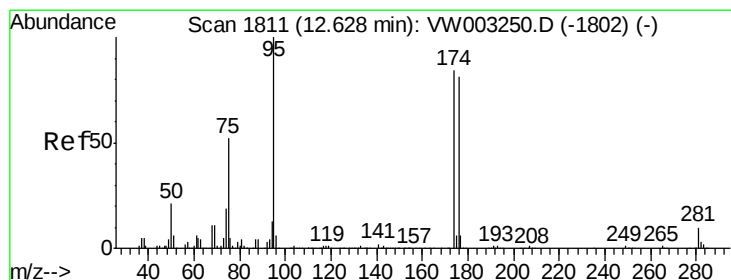
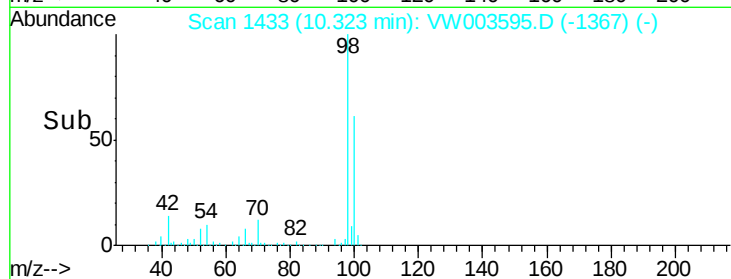
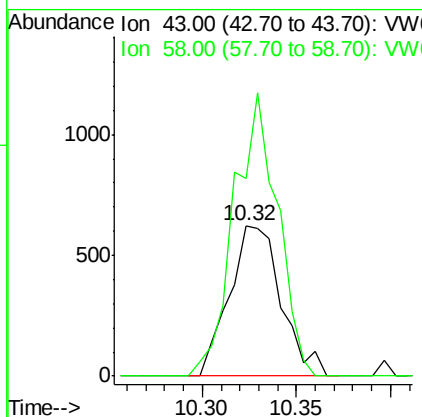
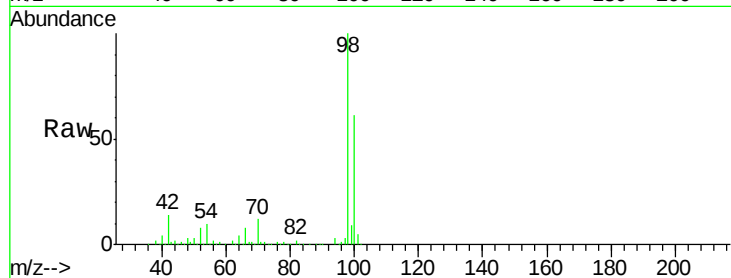




#51
 4-Methyl-2-Pentanone
 Concen: 1.278 ug/l
 RT: 10.32 min Scan# 1433
 Delta R.T. 0.10 min
 Lab File: VW003595.D
 Acq: 27 Jun 2018 03:32

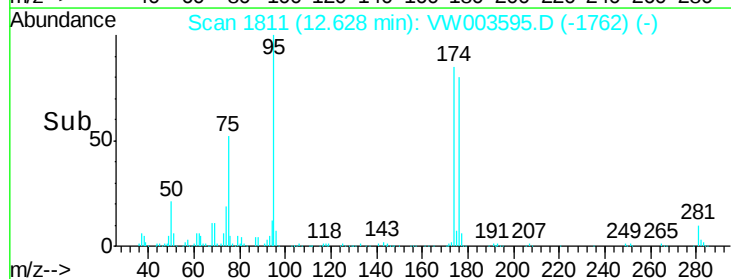
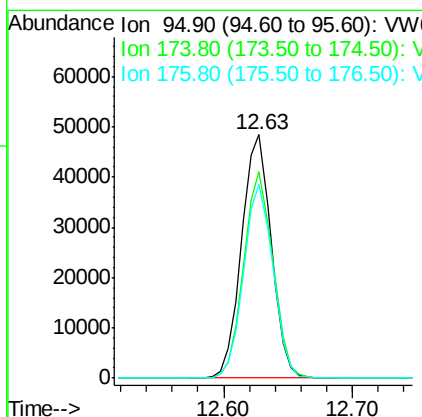
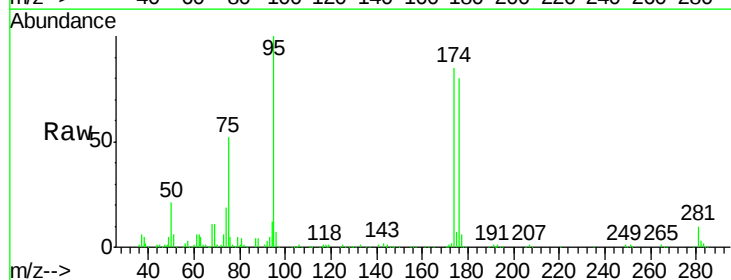
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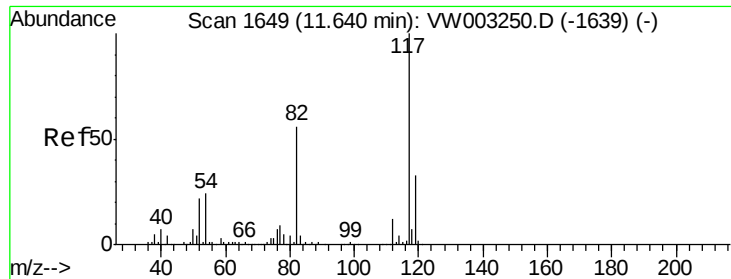
Tgt Ion: 43 Resp: 1185
 Ion Ratio Lower Upper
 43 100
 58 158.4 29.0 43.4#



#62
 4-Bromofluorobenzene
 Concen: 38.483 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW003595.D
 Acq: 27 Jun 2018 03:32

Tgt Ion: 95 Resp: 76867
 Ion Ratio Lower Upper
 95 100
 174 83.7 0.0 166.4
 176 78.6 0.0 162.0

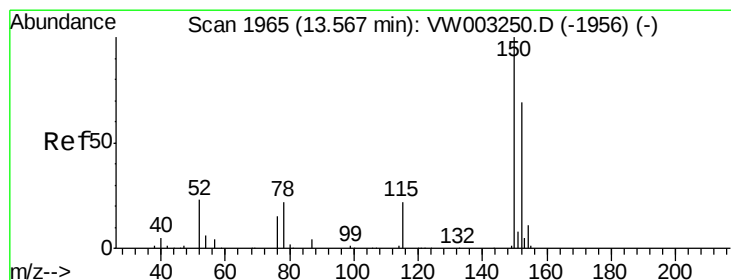
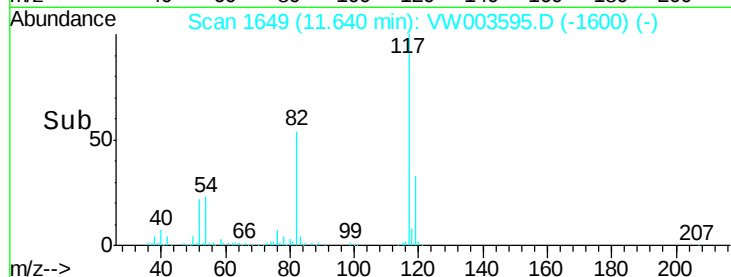
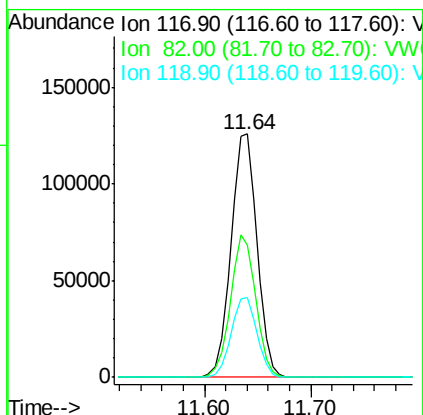
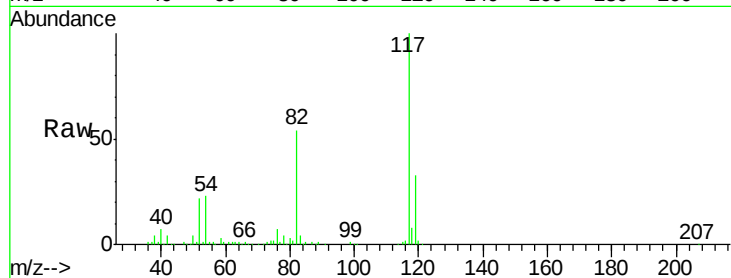




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003595.D
Acq: 27 Jun 2018 03:32

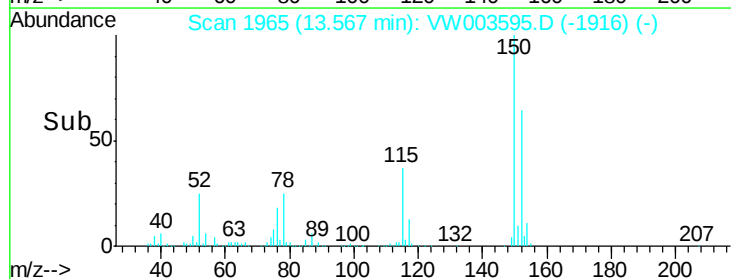
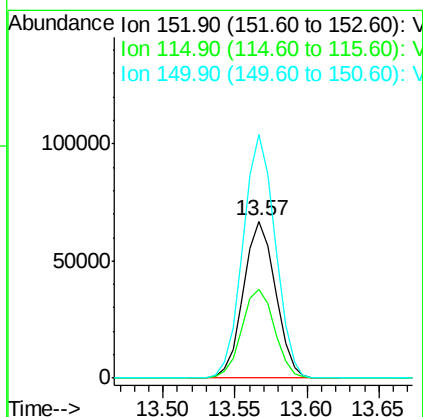
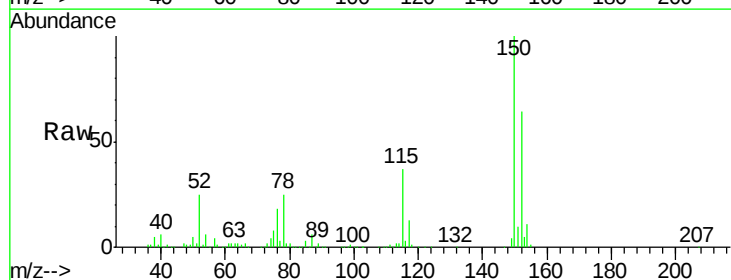
Instrument :
MSVOA_W
ClientSampleId :
FK-BPM-01-E5-F5-E5A-F5A

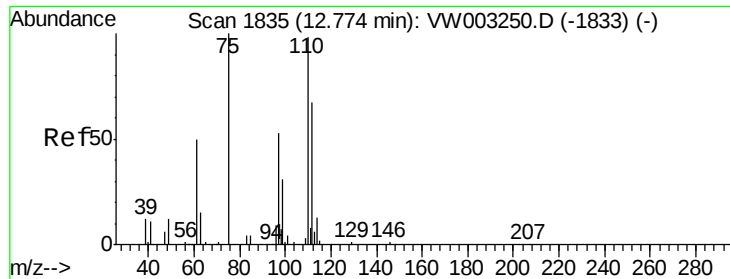
Tgt Ion:117 Resp: 215784
Ion Ratio Lower Upper
117 100
82 54.3 44.6 67.0
119 32.9 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003595.D
Acq: 27 Jun 2018 03:32

Tgt Ion:152 Resp: 103421
Ion Ratio Lower Upper
152 100
115 57.8 29.3 88.0
150 156.1 0.0 349.6

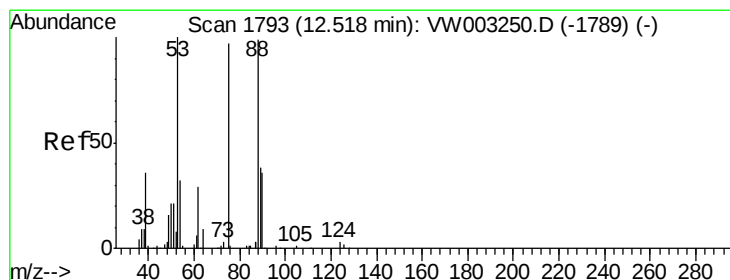
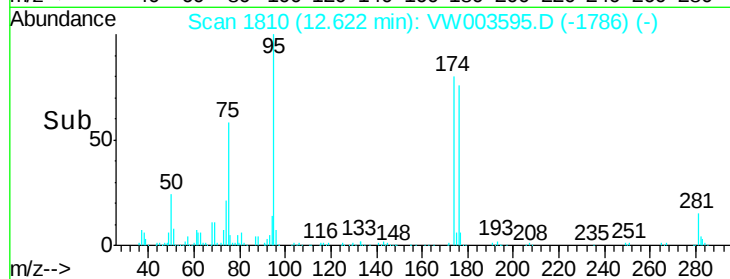
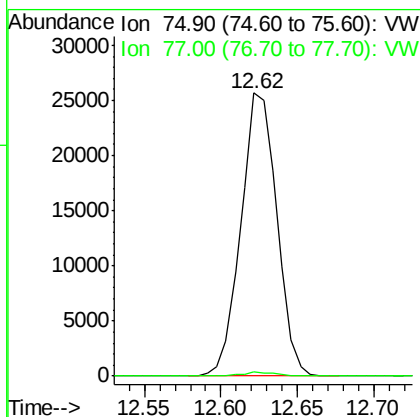
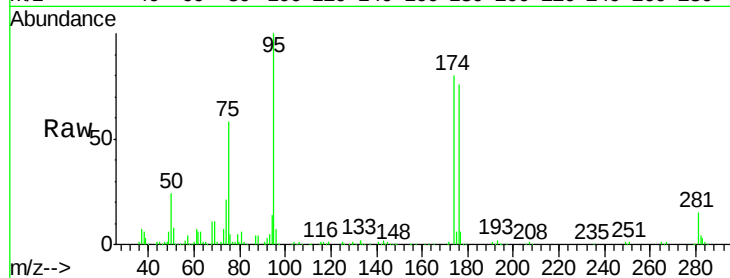




#76
 1,2,3-Trichloropropane
 Concen: 47.269 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.15 min
 Lab File: VW003595.D
 Acq: 27 Jun 2018 03:32

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-BPM-01-E5-F5-E5A-F5A

Tgt Ion: 75 Resp: 41792
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.769 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW003595.D
 Acq: 27 Jun 2018 03:32

Tgt Ion: 75 Resp: 41792
 Ion Ratio Lower Upper
 75 100
 53 0.1 82.9 124.3#
 89 0.1 36.7 55.1#

