

Data File : VW008257.D
Acq On : 14 Jan 2019 19:44
Operator : SY/VA
Sample : K1142-02
Misc : 3.94G/5ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9A

Quant Time: Jan 14 21:18:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	98700	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	174815	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	161355	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	77051	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	58387	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	
35) Dibromofluoromethane	7.88	113	55597	54.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.06%	
50) Toluene-d8	10.32	98	221184	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
62) 4-Bromofluorobenzene	12.62	95	73666	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	

Target Compounds

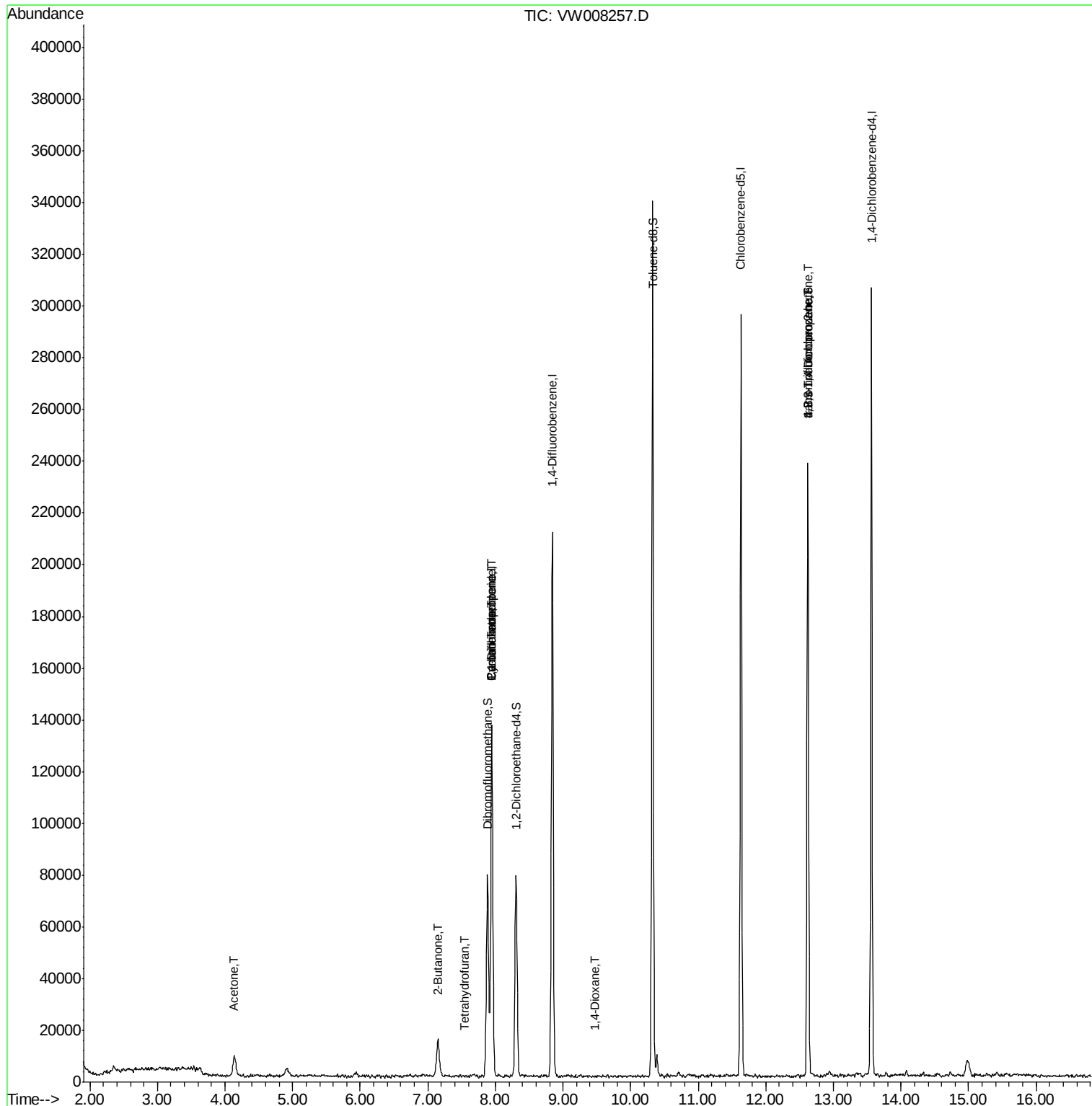
						Qvalue
11) Tert butyl alcohol	5.25	59	183	Below Cal	#	100
13) Acrolein	3.90	56	91	Below Cal	#	81
16) Acetone	4.14	43	15948	64.268	ug/l	98
20) Methylene Chloride	4.90	84	895	Below Cal	#	62
25) 2-Butanone	7.14	43	530	1.717	ug/l	92
29) Tetrahydrofuran	7.54	42	301	1.460	ug/l #	45
31) Cyclohexane	7.94	56	2445	1.047	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	8190	4.548	ug/l #	49
38) Carbon Tetrachloride	7.95	117	10309	6.255	ug/l #	15
49) 1,4-Dioxane	9.48	88	41	4.287	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	37669	53.629	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	37669	124.885	ug/l #	11

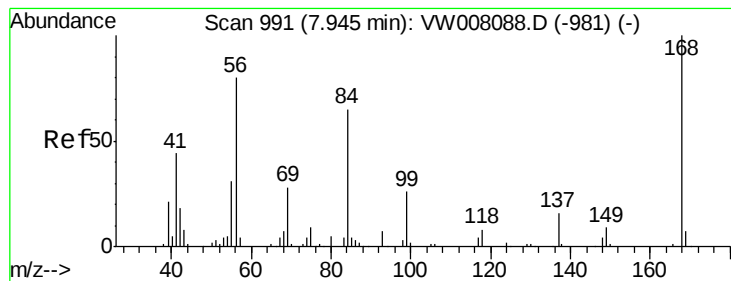
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW008257.D
Acq On : 14 Jan 2019 19:44
Operator : SY/VA
Sample : K1142-02
Misc : 3.94G/5ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9A

Quant Time: Jan 14 21:18:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008257.D

Acq: 14 Jan 2019 19:44

Instrument :

MSVOA_W

ClientSampleId :

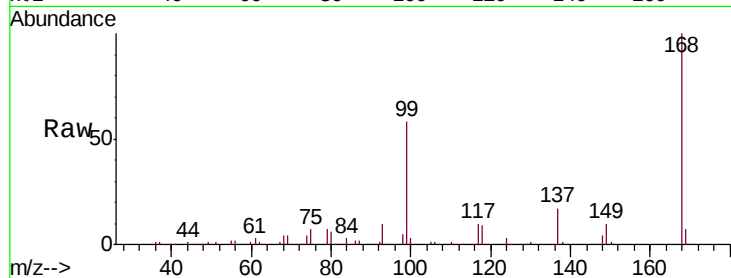
FK-BPM-01-D9-E9-D9A-E9A

Tgt Ion:168 Resp: 98700

Ion Ratio Lower Upper

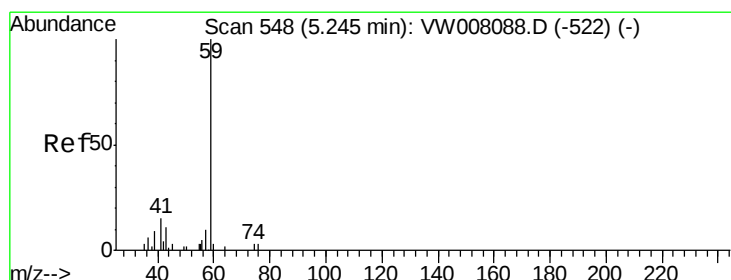
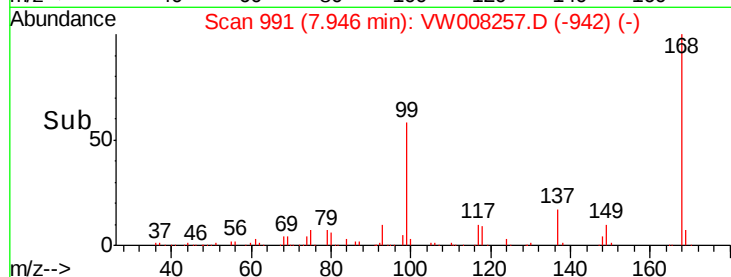
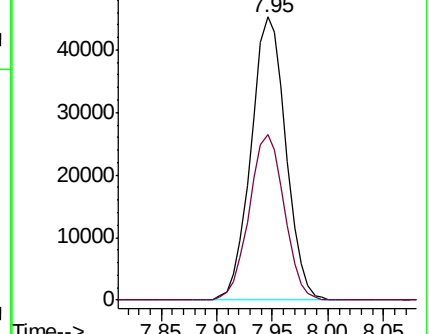
168 100

99 58.3 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.25 min Scan# 549

Delta R.T. 0.01 min

Lab File: VW008257.D

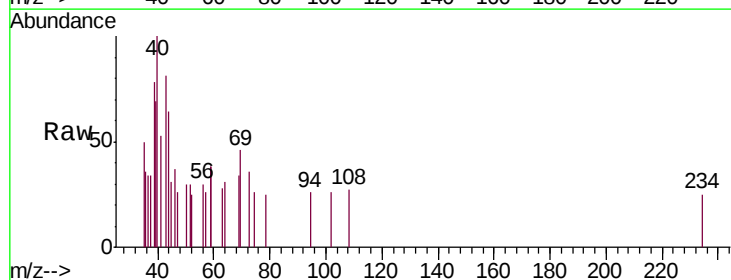
Acq: 14 Jan 2019 19:44

Tgt Ion: 59 Resp: 183

Ion Ratio Lower Upper

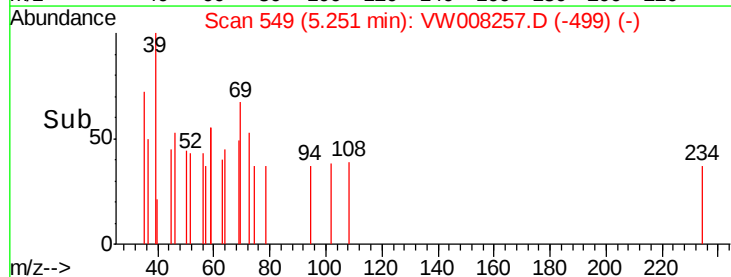
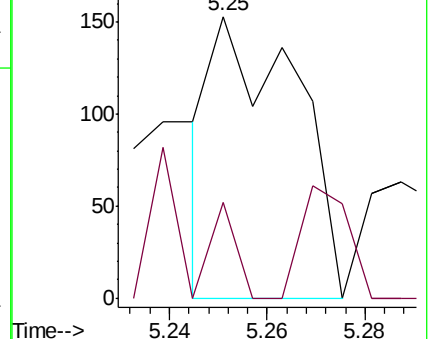
59 100

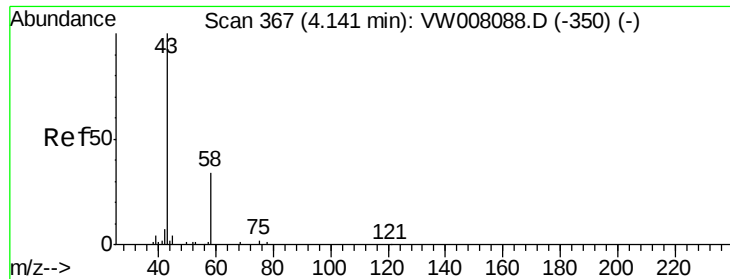
57 26.8 0.0 0.0#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 64.268 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW008257.D

Acq: 14 Jan 2019 19:44

Instrument :

MSVOA_W

ClientSampleId :

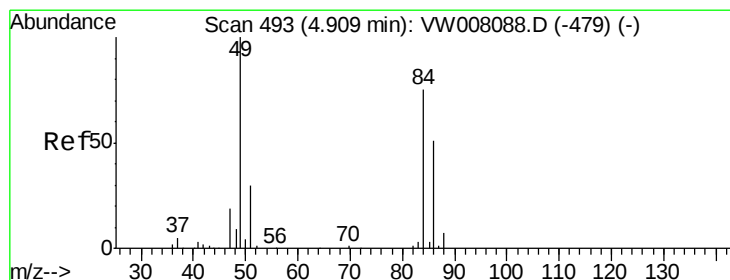
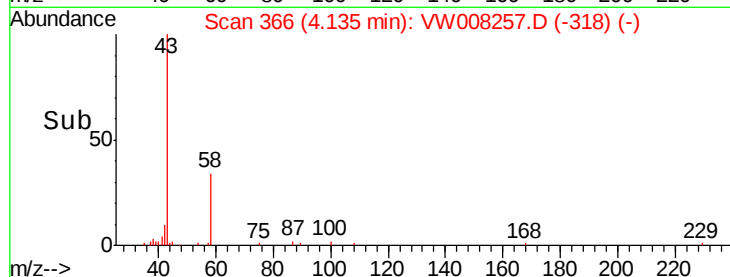
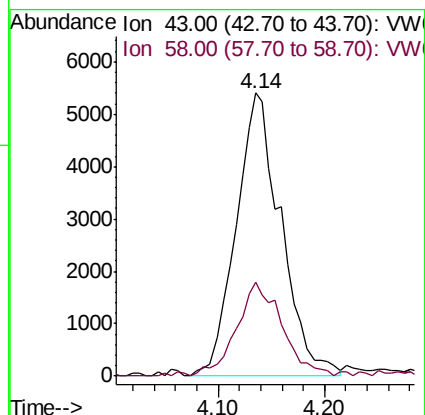
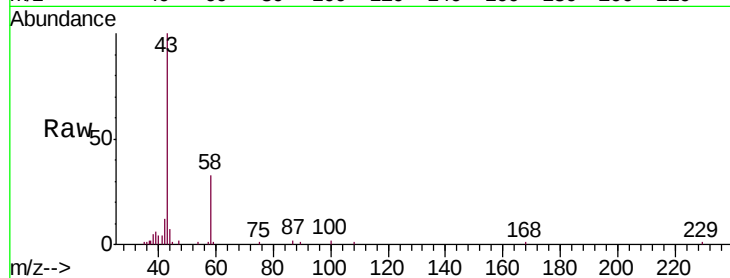
FK-BPM-01-D9-E9-D9A-E9A

Tgt Ion: 43 Resp: 15948

Ion Ratio Lower Upper

43 100

58 33.2 27.5 41.3



#20

Methylene Chloride

Concen: Below Cal

RT: 4.90 min Scan# 491

Delta R.T. -0.01 min

Lab File: VW008257.D

Acq: 14 Jan 2019 19:44

Tgt Ion: 84 Resp: 895

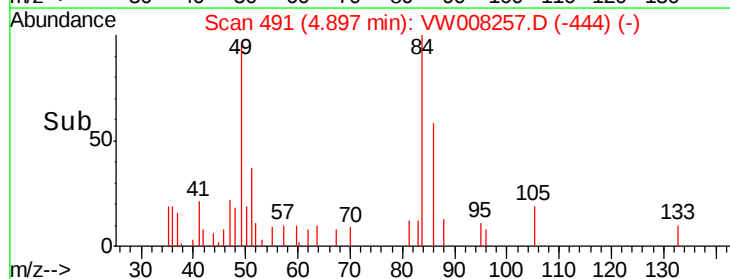
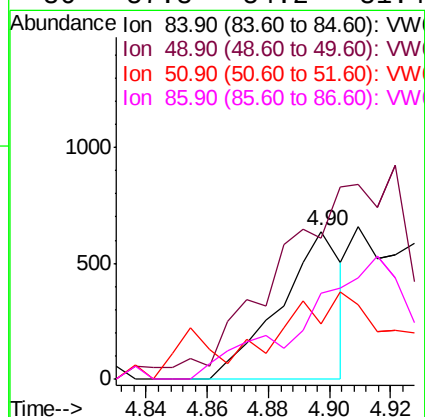
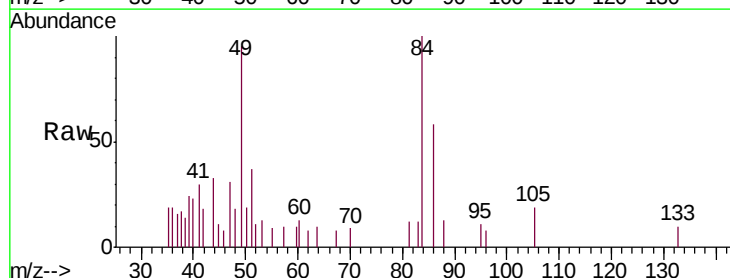
Ion Ratio Lower Upper

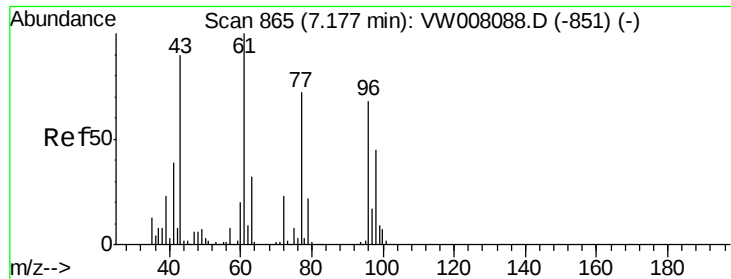
84 100

49 82.0 107.1 160.7#

51 2.8 32.4 48.6#

86 57.8 54.2 81.4





#25

2-Butanone

Concen: 1.717 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.04 min

Lab File: VW008257.D

Acq: 14 Jan 2019 19:44

Instrument :

MSVOA_W

ClientSampleId :

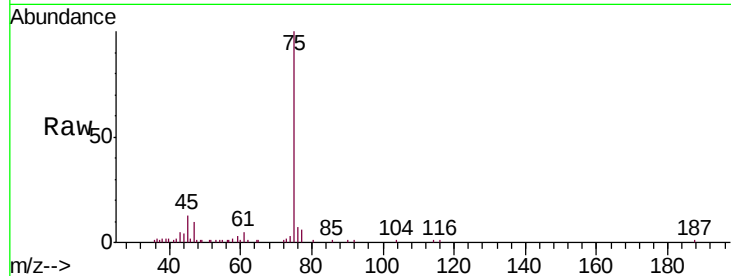
FK-BPM-01-D9-E9-D9A-E9A

Tgt Ion: 43 Resp: 530

Ion Ratio Lower Upper

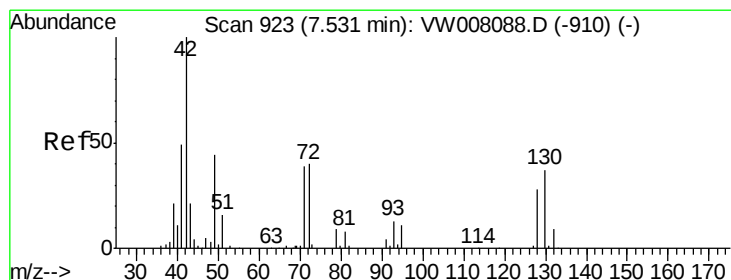
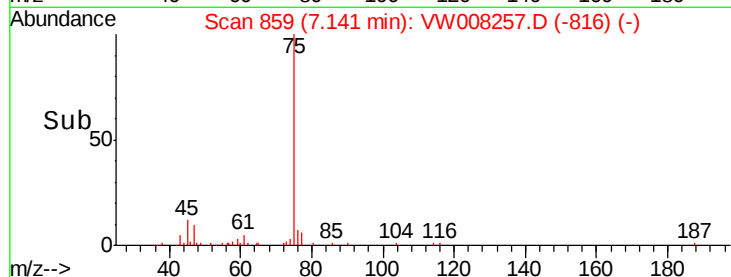
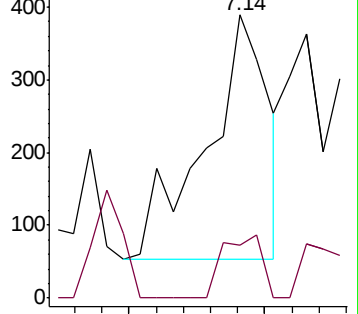
43 100

72 21.5 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#29

Tetrahydrofuran

Concen: 1.460 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW008257.D

Acq: 14 Jan 2019 19:44

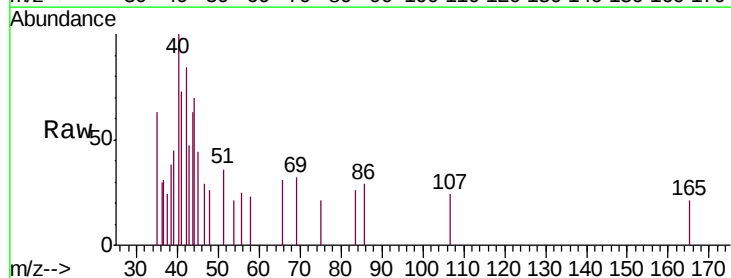
Tgt Ion: 42 Resp: 301

Ion Ratio Lower Upper

42 100

72 0.0 32.4 48.6#

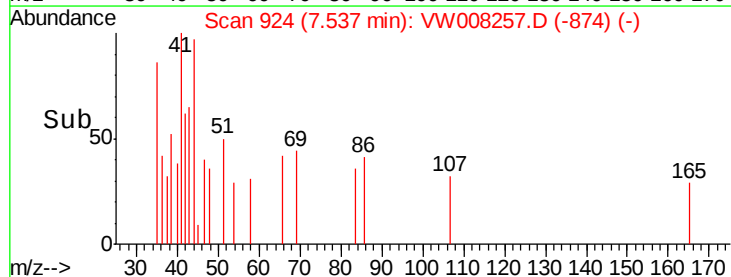
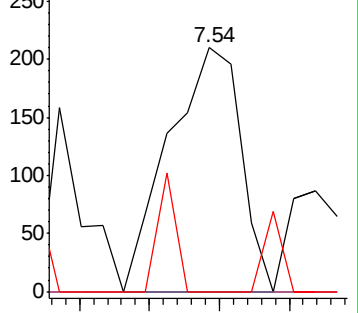
71 12.3 31.3 46.9#

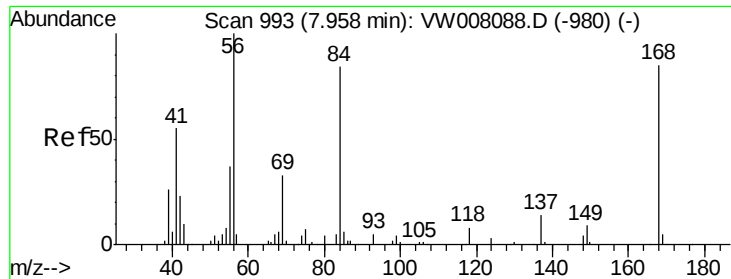


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

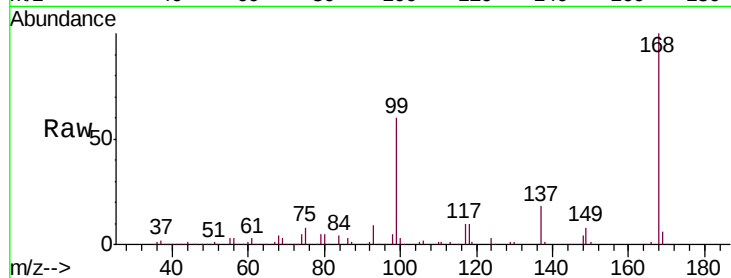




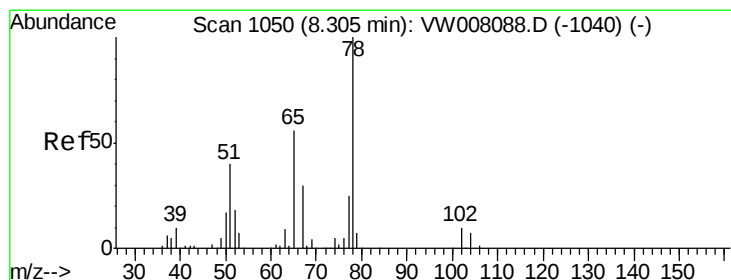
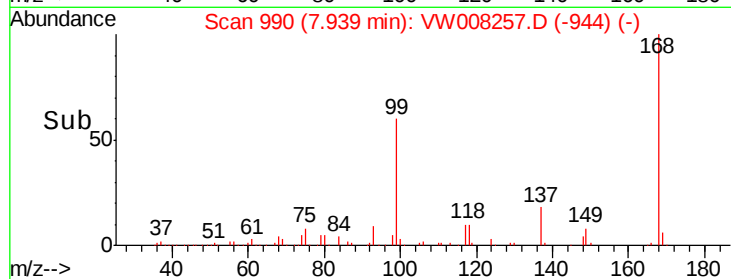
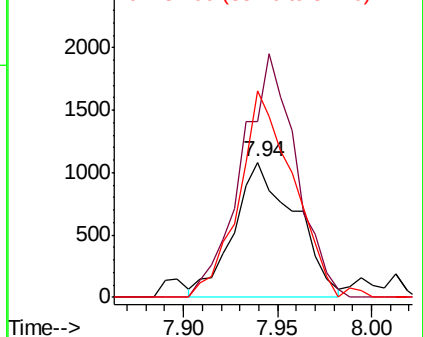
#31
Cyclohexane
Concen: 1.047 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.02 min
Lab File: VW008257.D
Acq: 14 Jan 2019 19:44

Instrument :
MSVOA_W
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9A

Tgt Ion: 56 Resp: 2445
Ion Ratio Lower Upper
56 100
69 137.4 26.2 39.4#
84 161.6 67.4 101.2#

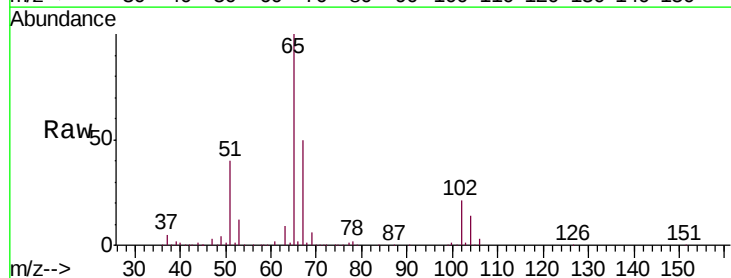


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

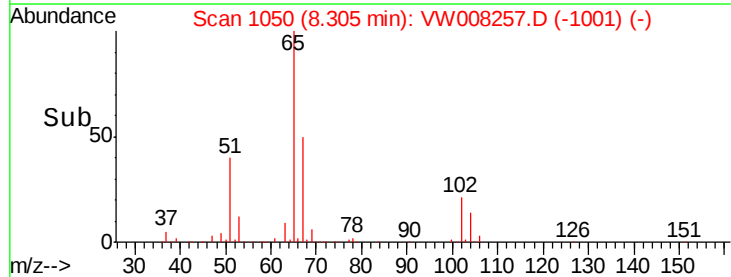
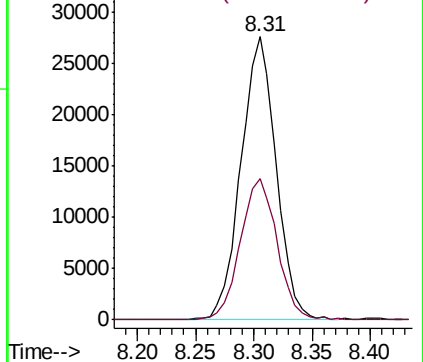


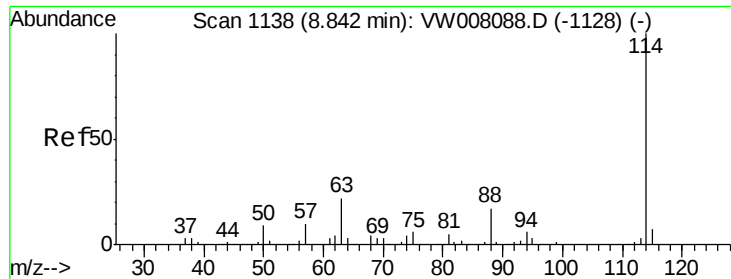
#33
1,2-Dichloroethane-d4
Concen: 52.634 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008257.D
Acq: 14 Jan 2019 19:44

Tgt Ion: 65 Resp: 58387
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.8



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

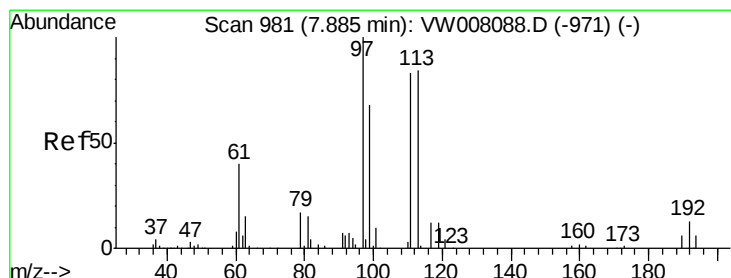
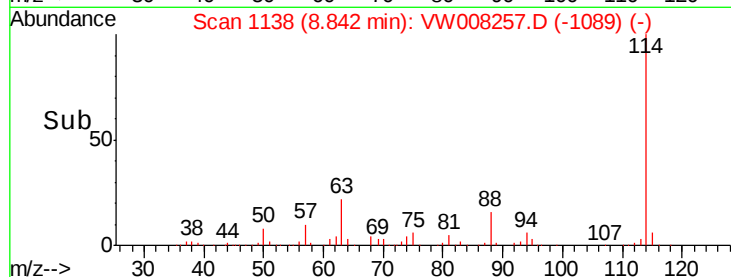
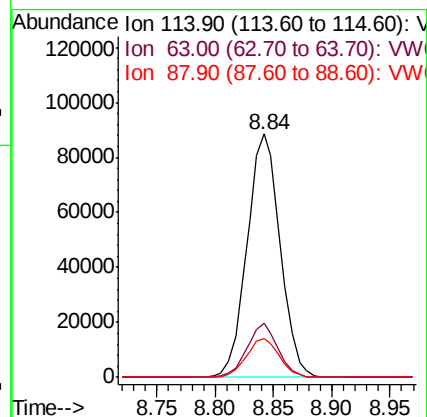
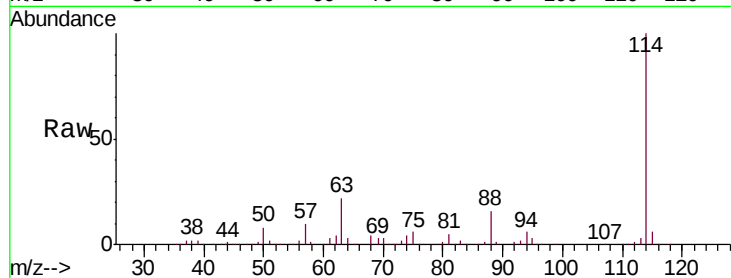




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008257.D
 Acq: 14 Jan 2019 19:44

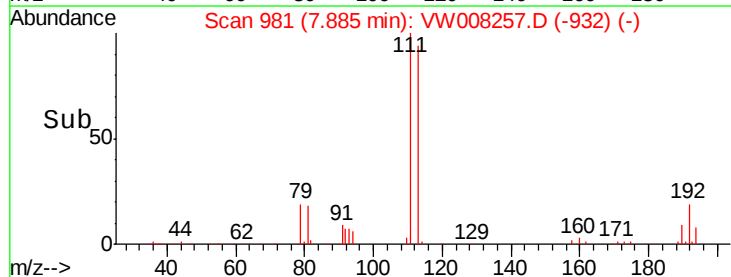
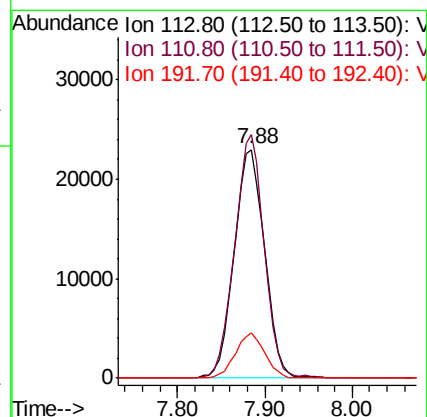
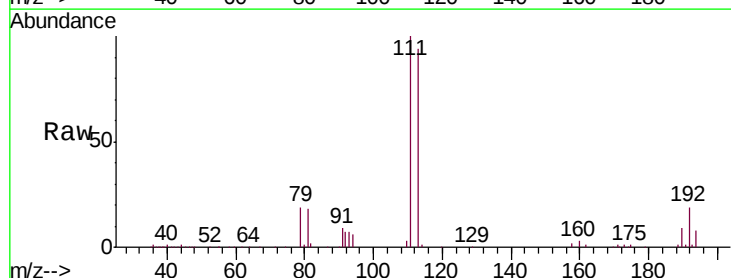
Instrument :
 MSVOA_W
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9A

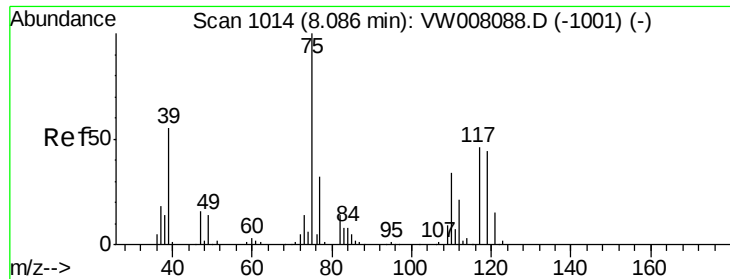
Tgt Ion:114 Resp: 174815
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.4
 88 15.9 0.0 33.4



#35
 Dibromofluoromethane
 Concen: 54.529 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008257.D
 Acq: 14 Jan 2019 19:44

Tgt Ion:113 Resp: 55597
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.8 122.8
 192 19.0 12.8 19.2

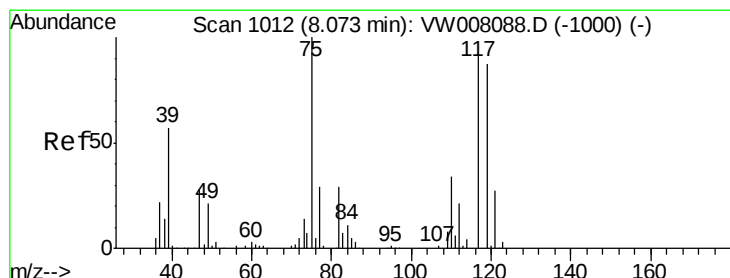
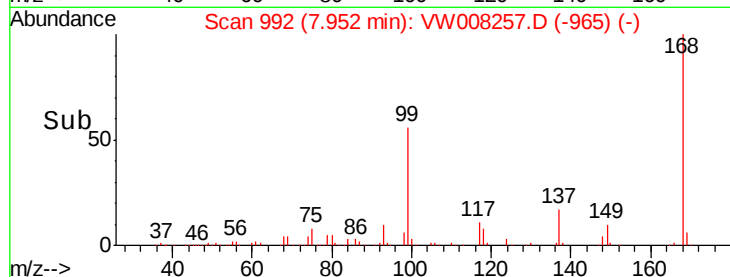
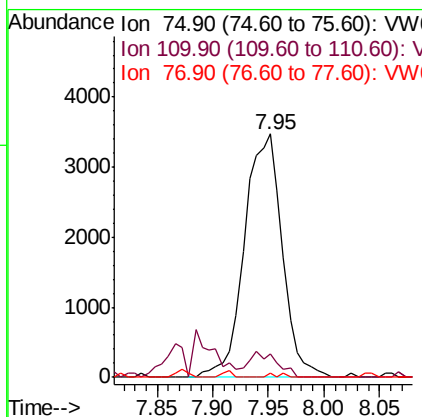
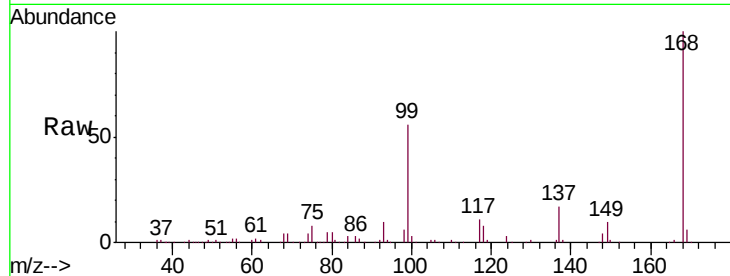




#36
 1,1-Dichloropropene
 Concen: 4.548 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW008257.D
 Acq: 14 Jan 2019 19:44

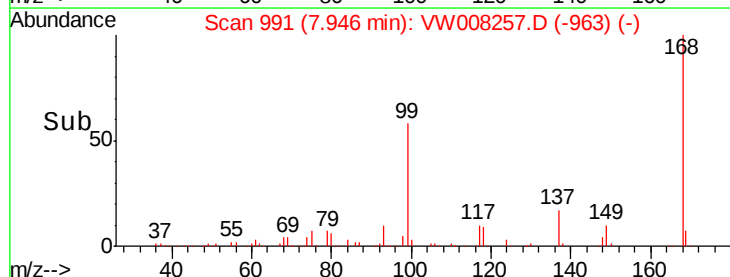
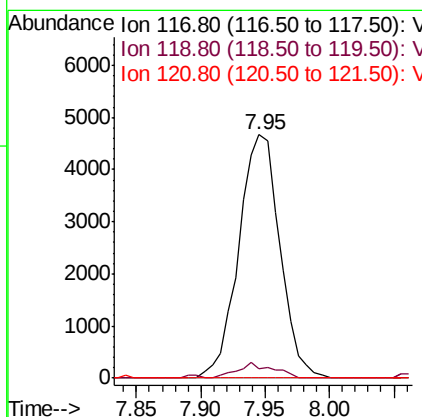
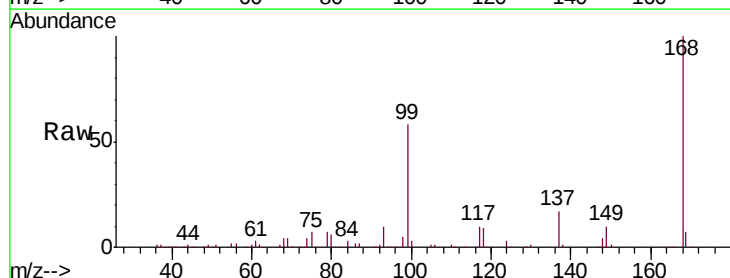
Instrument :
 MSVOA_W
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9A

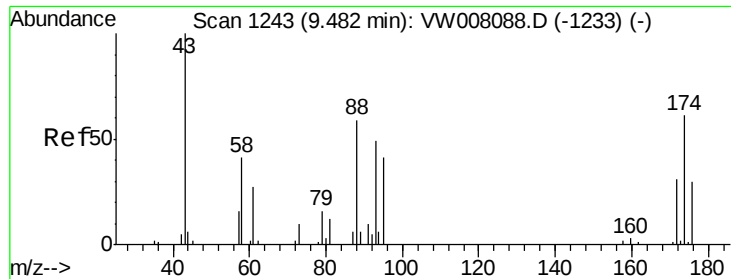
Tgt Ion: 75 Resp: 8190
 Ion Ratio Lower Upper
 75 100
 110 8.1 17.1 51.3#
 77 0.2 25.5 38.3#



#38
 Carbon Tetrachloride
 Concen: 6.255 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008257.D
 Acq: 14 Jan 2019 19:44

Tgt Ion: 117 Resp: 10309
 Ion Ratio Lower Upper
 117 100
 119 3.7 75.8 113.8#
 121 0.0 23.7 35.5#

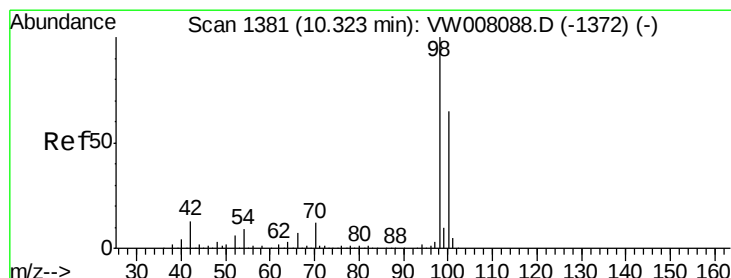
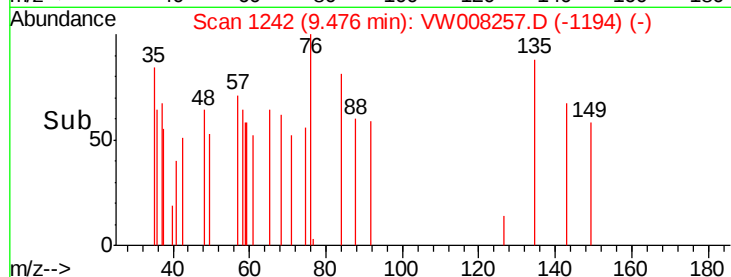
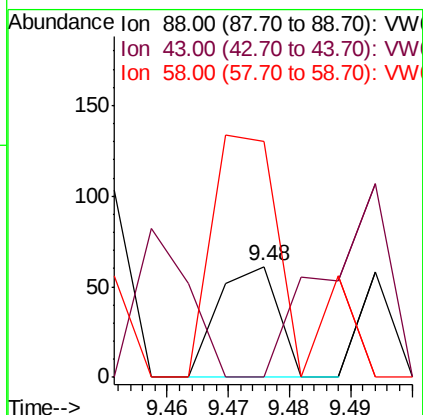
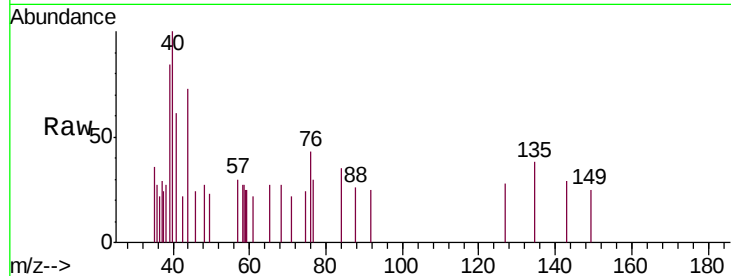




#49
 1,4-Dioxane
 Concen: 4.287 ug/l
 RT: 9.48 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VW008257.D
 Acq: 14 Jan 2019 19:44

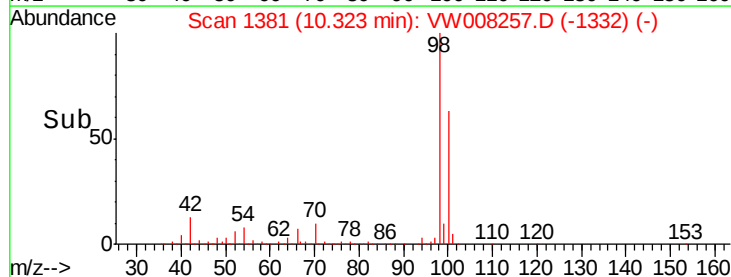
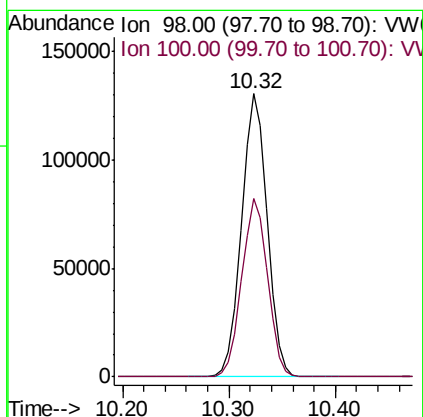
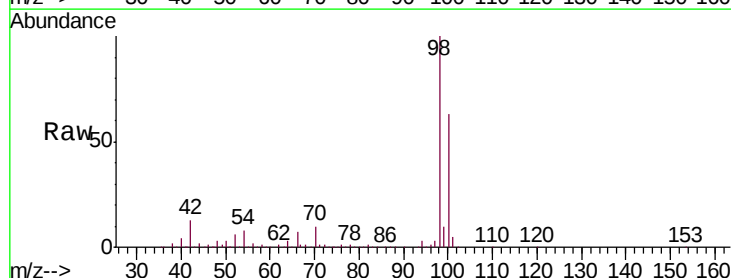
Instrument :
 MSVOA_W
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9A

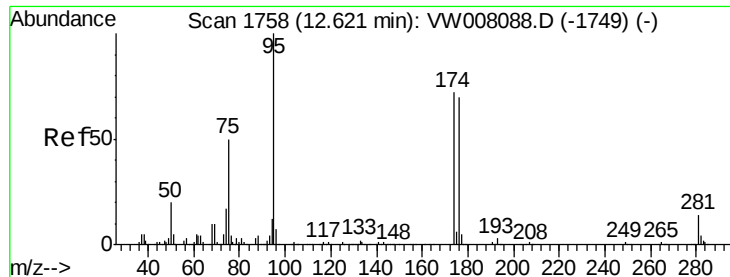
Tgt Ion: 88 Resp: 41
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 285.4 61.7 92.5#



#50
 Toluene-d8
 Concen: 51.695 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW008257.D
 Acq: 14 Jan 2019 19:44

Tgt Ion: 98 Resp: 221184
 Ion Ratio Lower Upper
 98 100
 100 63.6 51.7 77.5

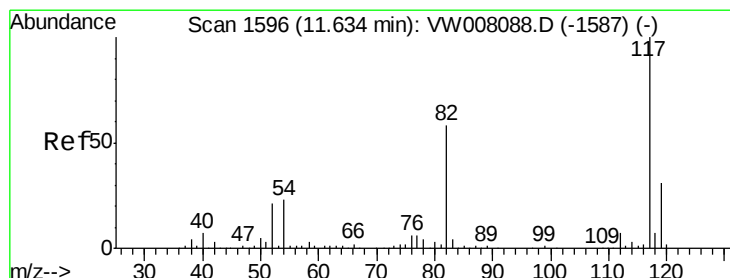
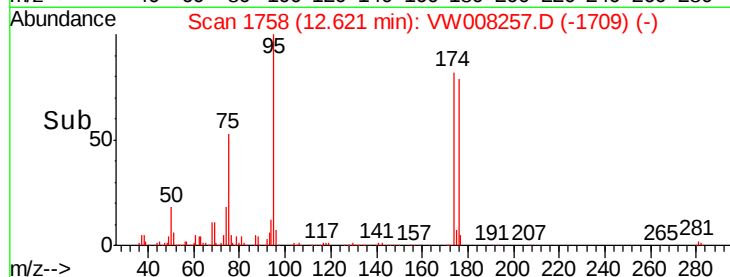
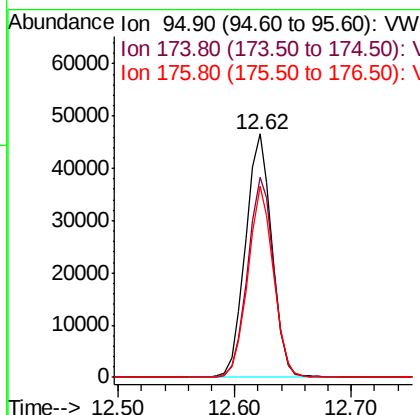
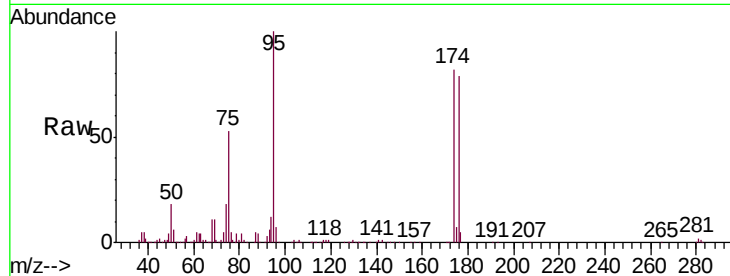




#62
4-Bromofluorobenzene
Concen: 48.026 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008257.D
Acq: 14 Jan 2019 19:44

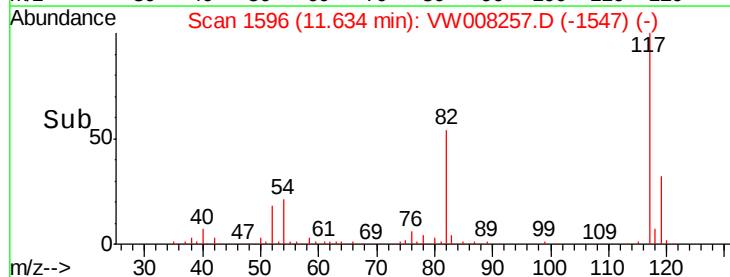
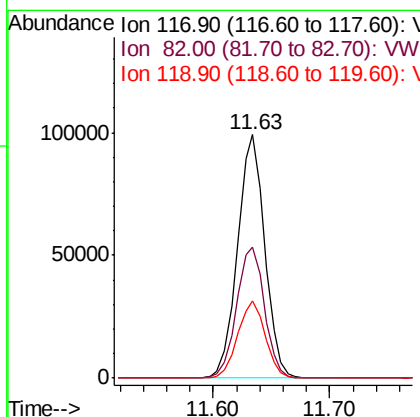
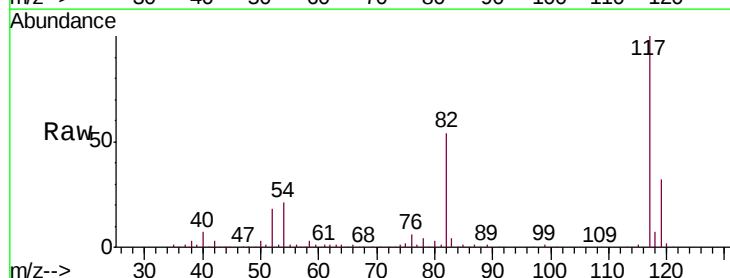
Instrument :
MSVOA_W
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9A

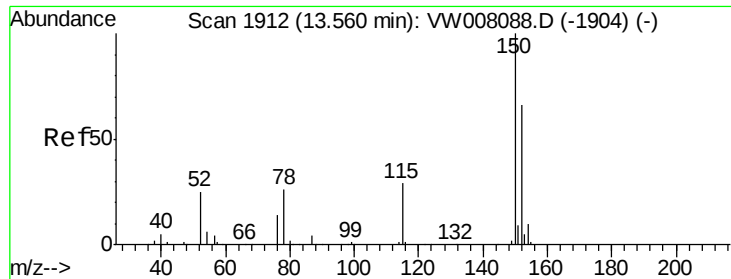
Tgt Ion: 95 Resp: 73666
Ion Ratio Lower Upper
95 100
174 81.5 0.0 143.0
176 76.3 0.0 140.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008257.D
Acq: 14 Jan 2019 19:44

Tgt Ion: 117 Resp: 161355
Ion Ratio Lower Upper
117 100
82 54.0 46.4 69.6
119 31.8 24.7 37.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008257.D

Acq: 14 Jan 2019 19:44

Instrument :

MSVOA_W

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9A

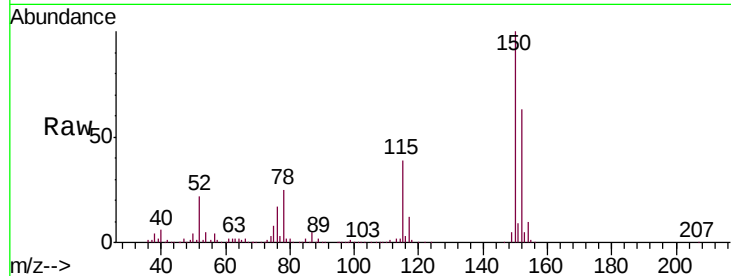
Tgt Ion: 152 Resp: 77051

Ion Ratio Lower Upper

152 100

115 60.0 30.8 92.4

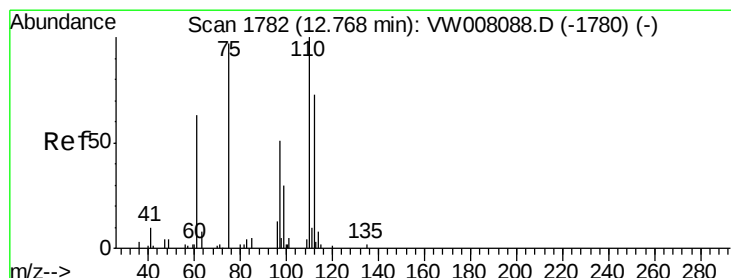
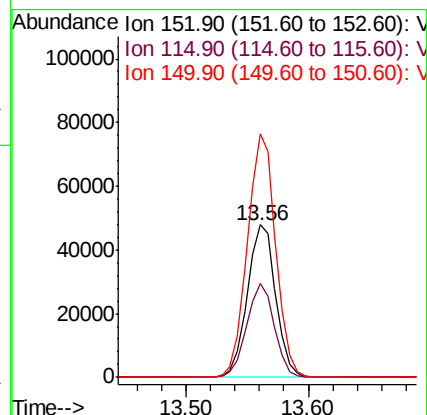
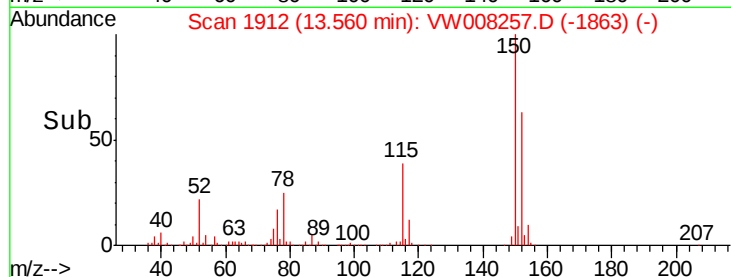
150 158.5 0.0 350.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 53.629 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008257.D

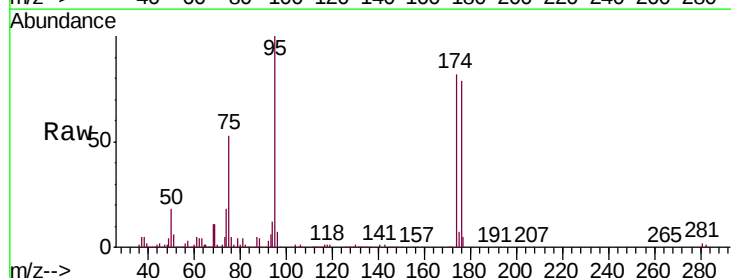
Acq: 14 Jan 2019 19:44

Tgt Ion: 75 Resp: 37669

Ion Ratio Lower Upper

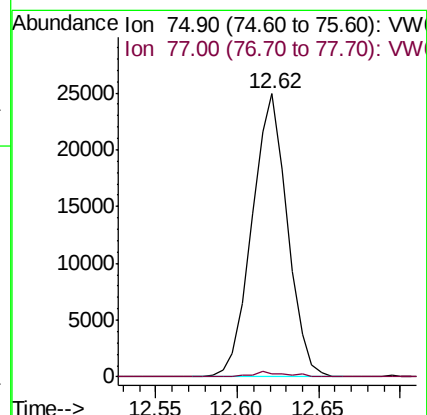
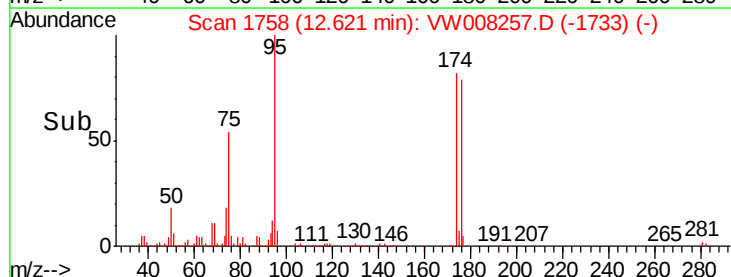
75 100

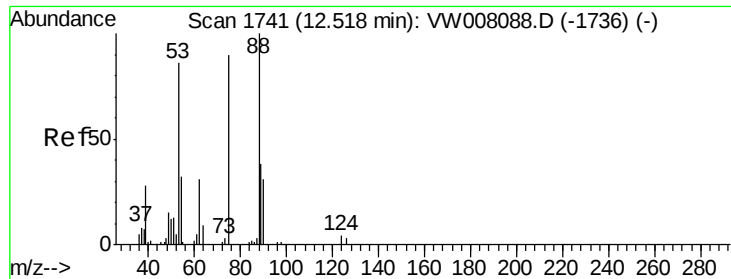
77 2.0 179.4 538.2#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 124.885 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW008257.D

Acq: 14 Jan 2019 19:44

Instrument :

MSVOA_W

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9A

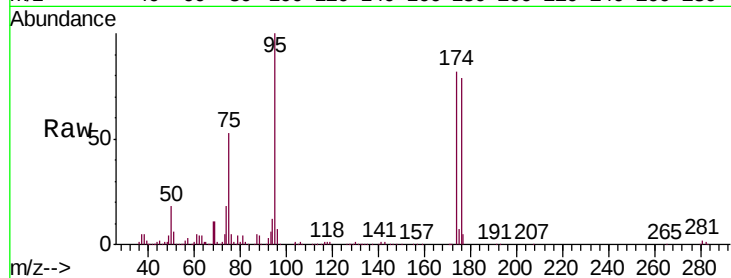
Tgt Ion: 75 Resp: 37669

Ion Ratio Lower Upper

75 100

53 0.6 78.8 118.2#

89 0.2 35.4 53.2#



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

