

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110518\
 Data File : VW006651.D
 Acq On : 05 Nov 2018 21:42
 Operator : SY/AP
 Sample : J5725-08RE
 Misc : 5.48G/5ML/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 B-5(14-14.5)

Quant Time: Nov 06 01:59:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	266753	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	396971	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	371354	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	190409	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	112713	49.16	ug/l	0.00
Spiked Amount			Recovery	=	98.32%	
35) Dibromofluoromethane	7.88	113	116420	46.73	ug/l	0.00
Spiked Amount			Recovery	=	93.46%	
50) Toluene-d8	10.33	98	431191	45.47	ug/l	0.00
Spiked Amount			Recovery	=	90.94%	
62) 4-Bromofluorobenzene	12.62	95	143719	41.80	ug/l	0.00
Spiked Amount			Recovery	=	83.60%	

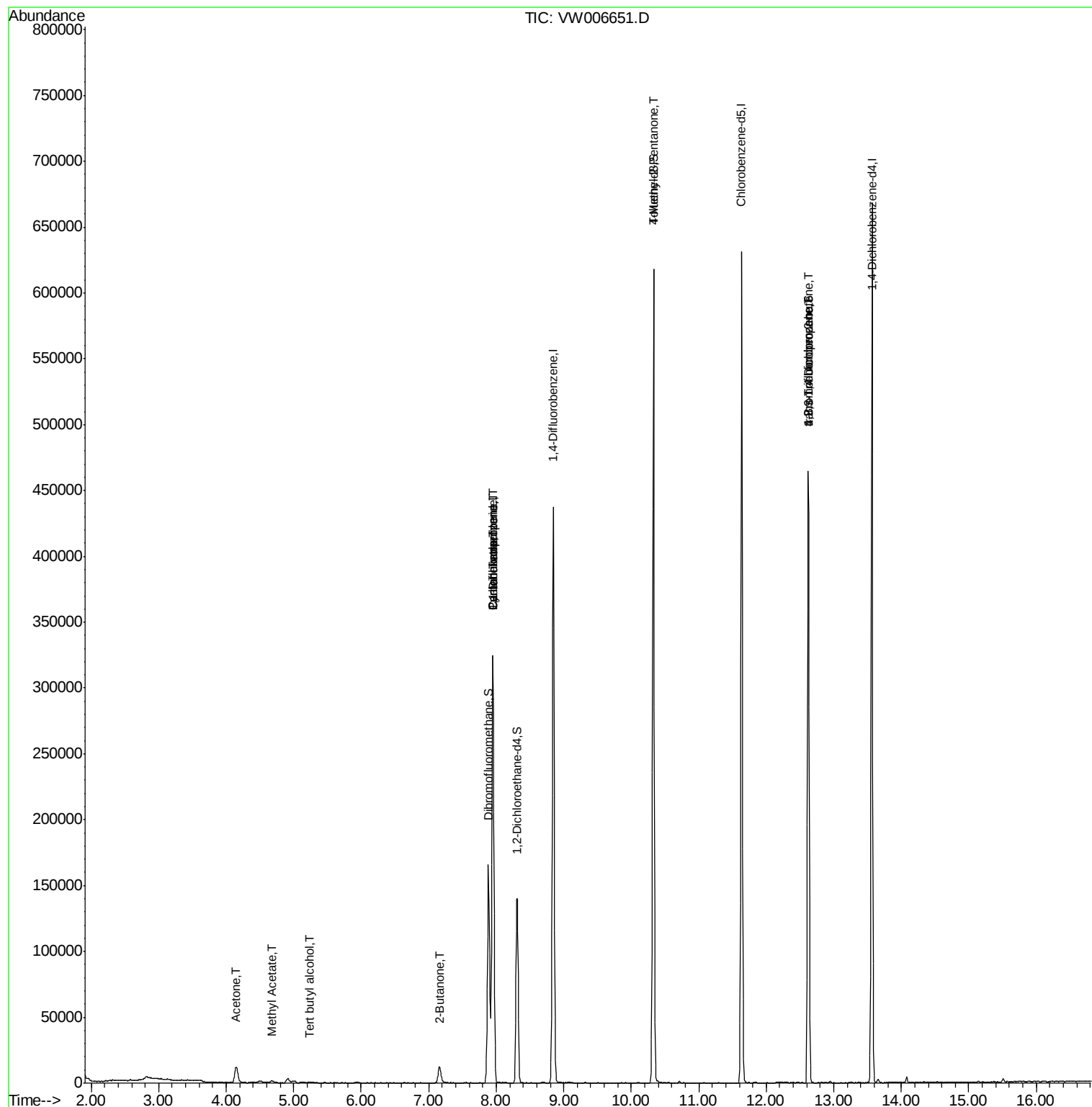
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.24	59	307	2.485	ug/l #	84
16) Acetone	4.15	43	25884	69.918	ug/l	99
18) Methyl Acetate	4.67	43	3204	3.010	ug/l	93
20) Methylene Chloride	4.90	84	2788	Below Cal	#	84
25) 2-Butanone	7.17	43	685	1.297	ug/l #	46
31) Cyclohexane	7.95	56	4455	1.220	ug/l #	22
36) 1,1-Dichloropropene	7.95	75	16530	4.735	ug/l #	48
38) Carbon Tetrachloride	7.95	117	23281	6.382	ug/l #	17
51) 4-Methyl-2-Pentanone	10.32	43	1810	1.460	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	69202	46.581	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	69202	116.873	ug/l #	11

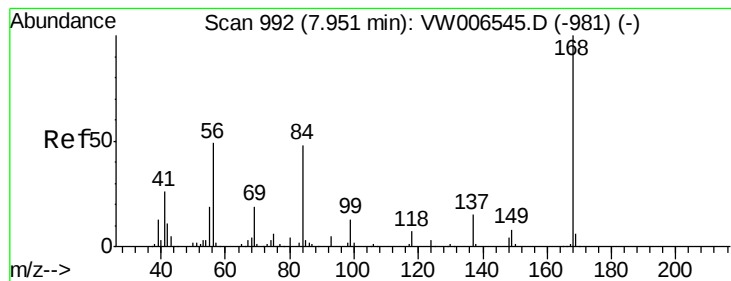
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW110518\
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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: VW006651.D

Acq: 05 Nov 2018 21:42

Instrument :

MSVOA_W

ClientSampleId :

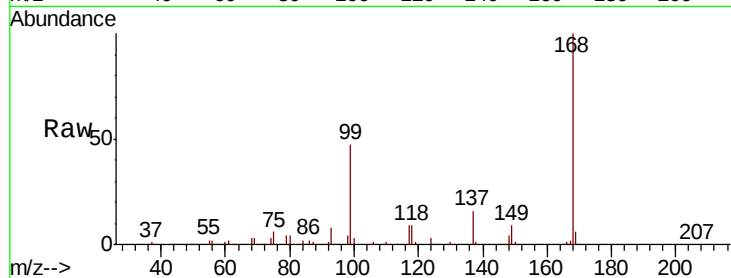
B-5(14-14.5)

Tgt Ion:168 Resp: 266753

Ion Ratio Lower Upper

168 100

99 46.6 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

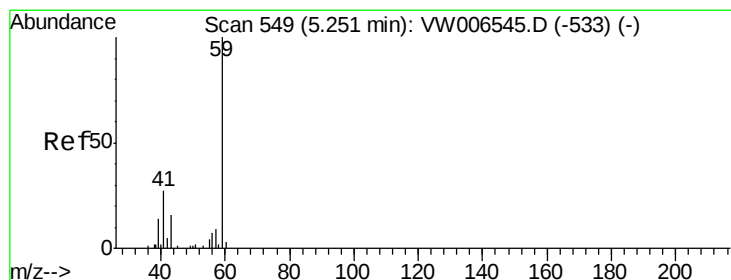
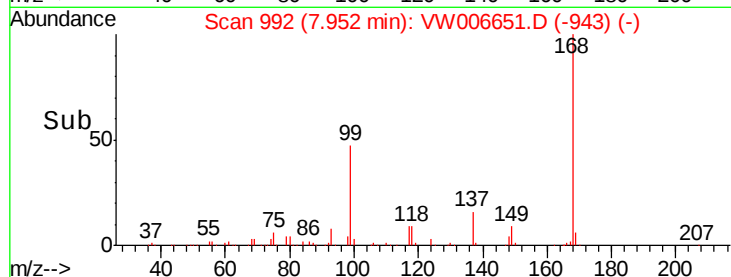
7.95

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.485 ug/l

RT: 5.24 min Scan# 547

Delta R.T. -0.01 min

Lab File: VW006651.D

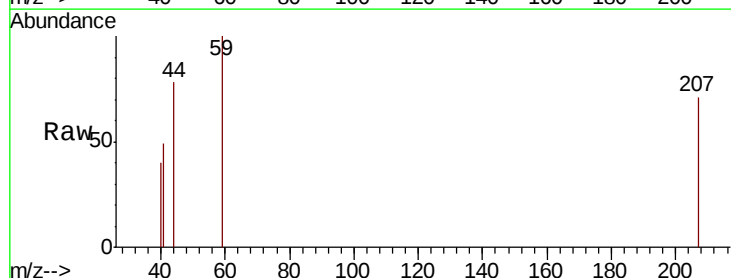
Acq: 05 Nov 2018 21:42

Tgt Ion: 59 Resp: 307

Ion Ratio Lower Upper

59 100

57 0.0 4.3 6.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.24

200

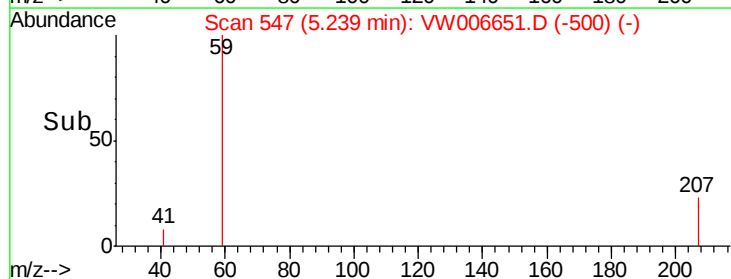
150

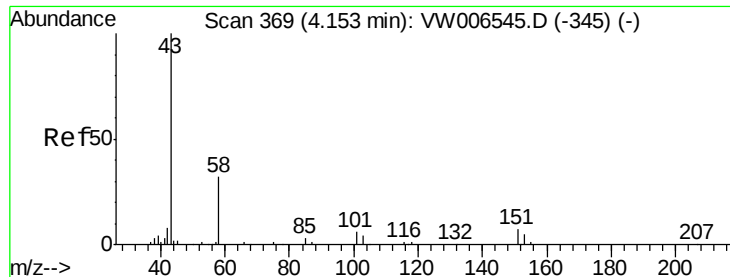
100

50

0

Time-->





#16

Acetone

Concen: 69.918 ug/l

RT: 4.15 min Scan# 368

Delta R.T. -0.01 min

Lab File: VW006651.D

Acq: 05 Nov 2018 21:42

Instrument :

MSVOA_W

ClientSampleId :

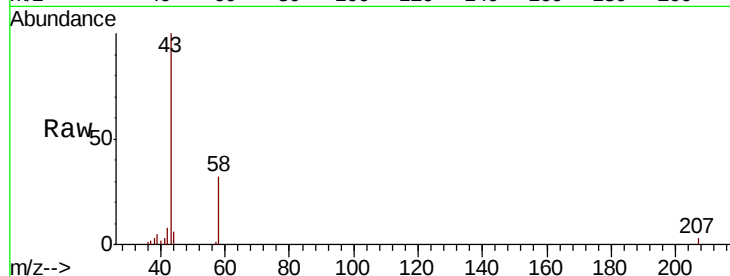
B-5(14-14.5)

Tgt Ion: 43 Resp: 25884

Ion Ratio Lower Upper

43 100

58 31.7 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

8000

6000

4000

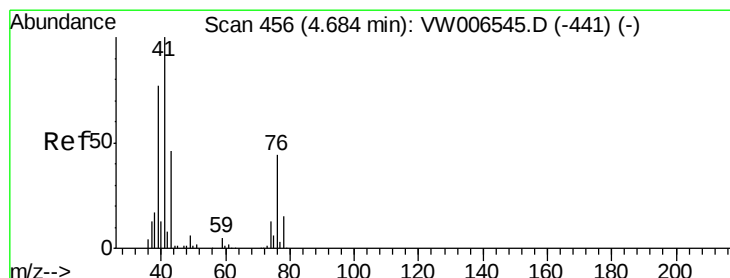
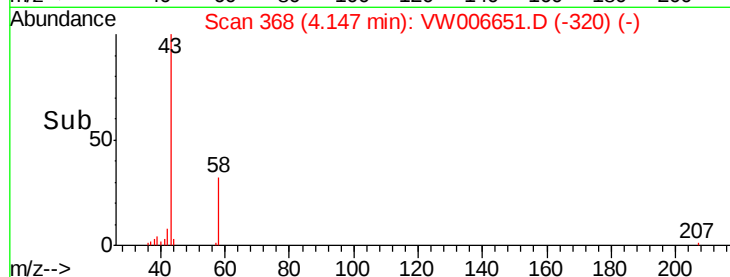
2000

0

4.15

4.10 4.20 4.30

Time-->



#18

Methyl Acetate

Concen: 3.010 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW006651.D

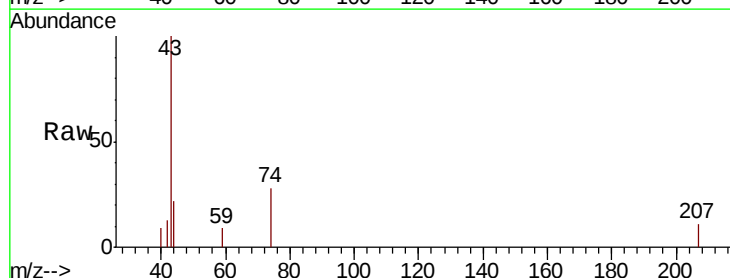
Acq: 05 Nov 2018 21:42

Tgt Ion: 43 Resp: 3204

Ion Ratio Lower Upper

43 100

74 23.8 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

1000

800

600

400

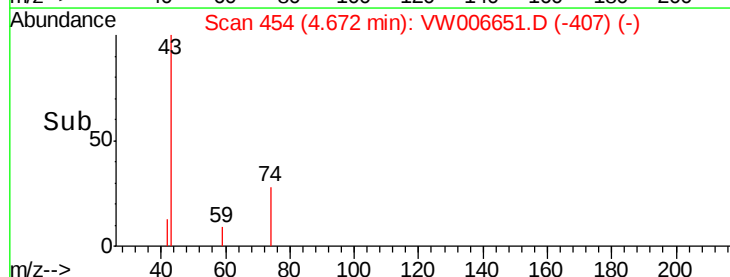
200

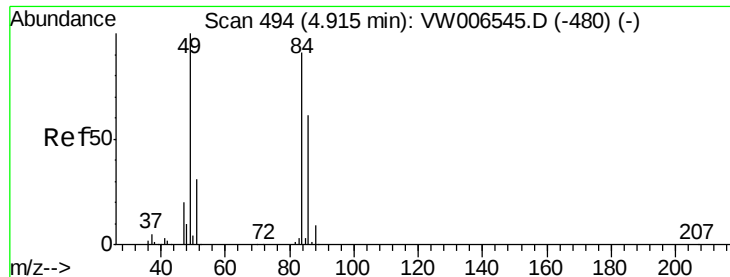
0

4.67

4.60 4.65 4.70 4.75 4.80

Time-->

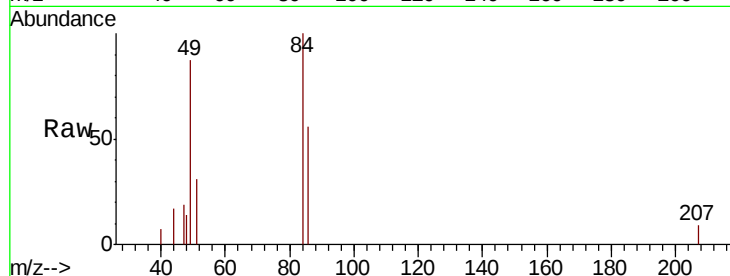




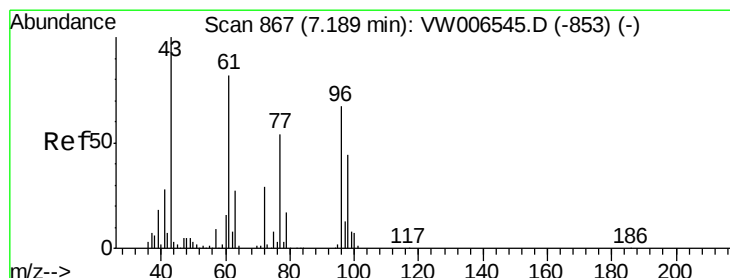
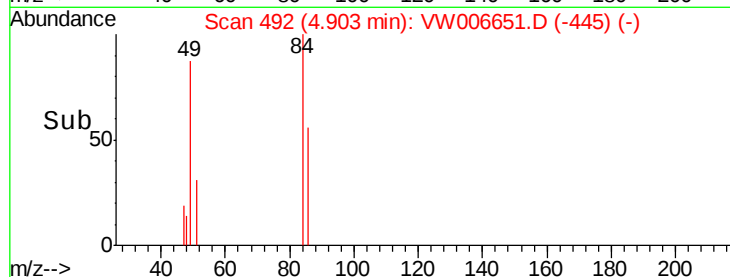
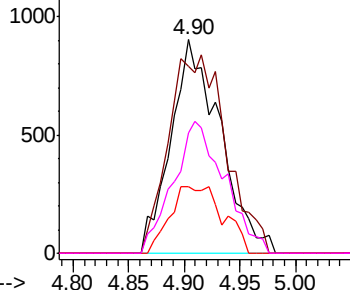
#20
Methylene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW006651.D
Acq: 05 Nov 2018 21:42

Instrument :
MSVOA_W
ClientSampleId :
B-5(14-14.5)

Tgt Ion: 84 Resp: 2788
Ion Ratio Lower Upper
84 100
49 87.3 88.2 132.4#
51 31.0 27.0 40.6
86 56.4 53.8 80.8

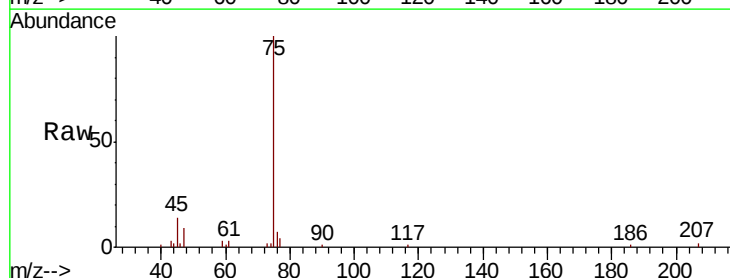


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

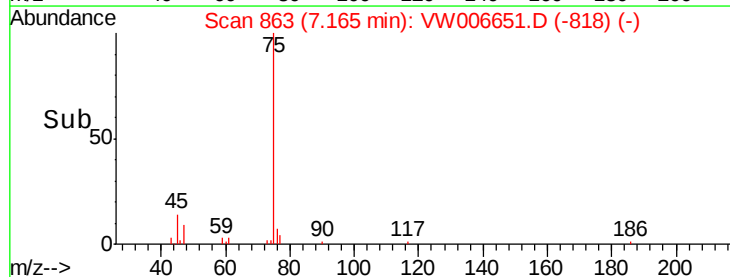
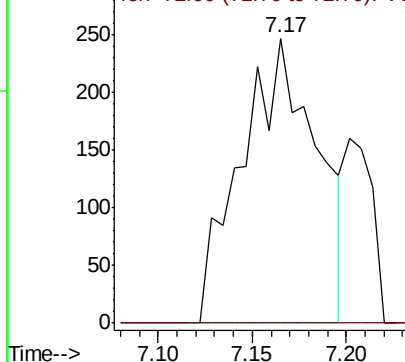


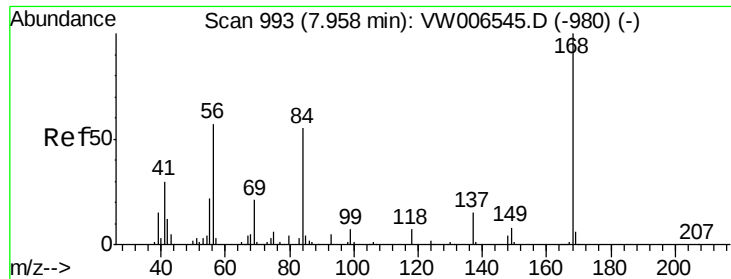
#25
2-Butanone
Concen: 1.297 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.02 min
Lab File: VW006651.D
Acq: 05 Nov 2018 21:42

Tgt Ion: 43 Resp: 685
Ion Ratio Lower Upper
43 100
72 0.0 23.2 34.8#



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

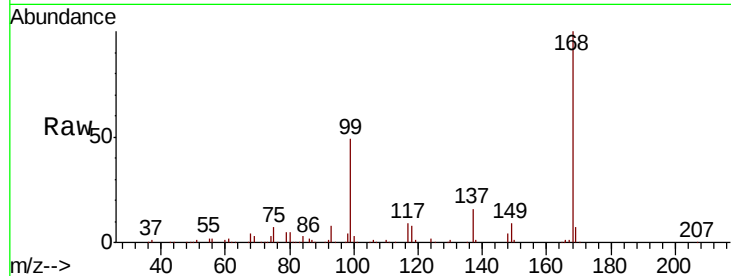




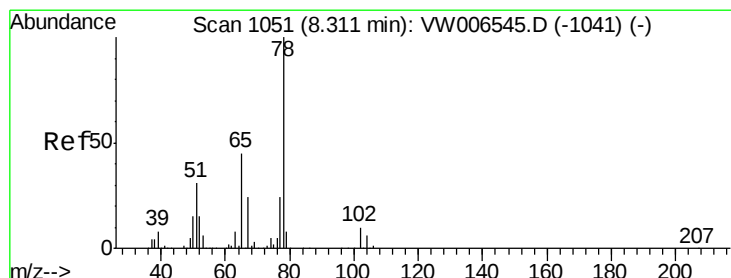
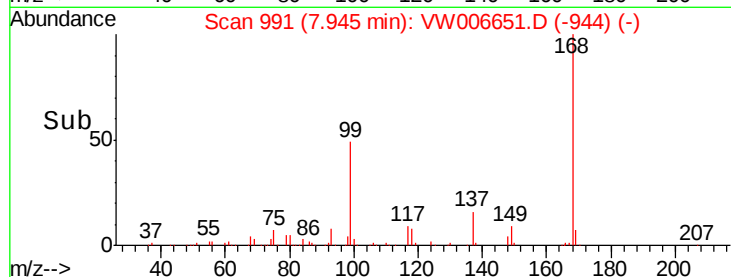
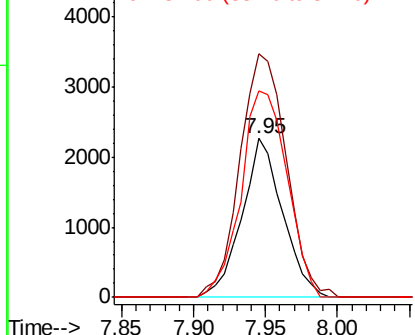
#31
Cyclohexane
Concen: 1.220 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006651.D
Acq: 05 Nov 2018 21:42

Instrument :
MSVOA_W
ClientSampled :
B-5(14-14.5)

Tgt Ion: 56 Resp: 4455
Ion Ratio Lower Upper
56 100
69 153.5 29.0 43.4#
84 129.9 77.8 116.6#

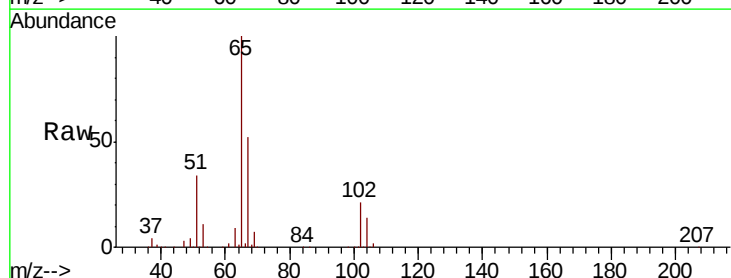


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

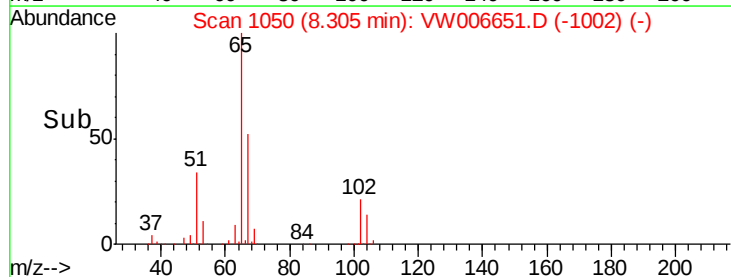
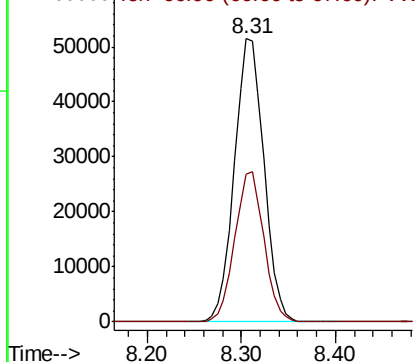


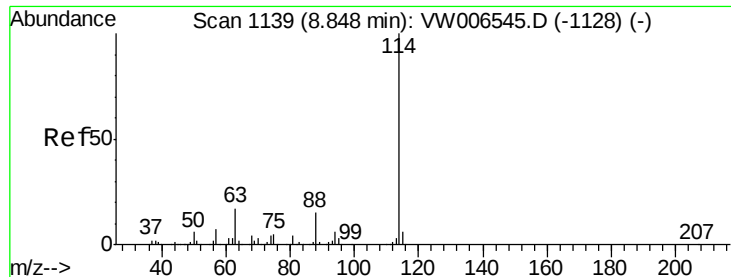
#33
1,2-Dichloroethane-d4
Concen: 49.155 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW006651.D
Acq: 05 Nov 2018 21:42

Tgt Ion: 65 Resp: 112713
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.4



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

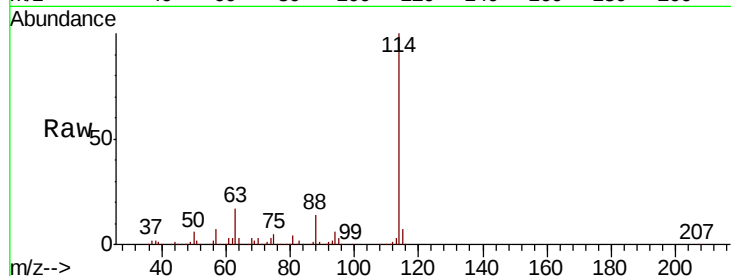




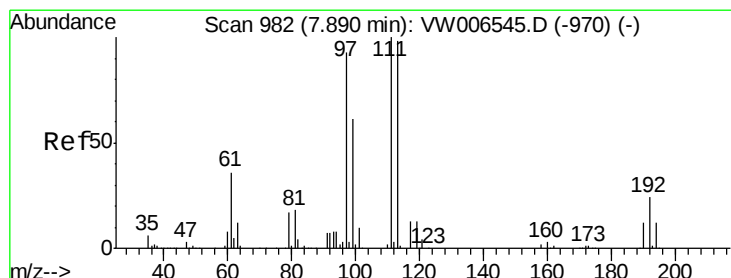
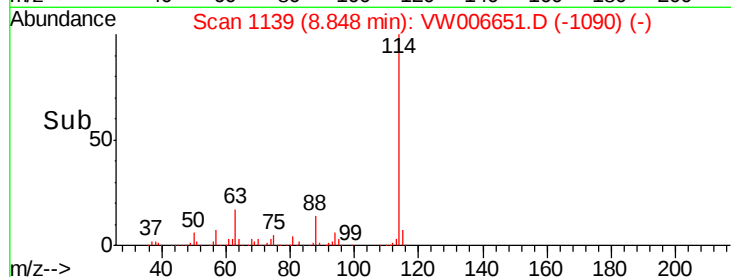
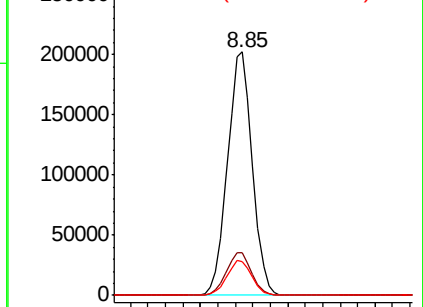
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006651.D
 Acq: 05 Nov 2018 21:42

Instrument :
 MSVOA_W
 ClientSampleId :
 B-5(14-14.5)

Tgt Ion:114 Resp: 396971
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 34.4
 88 13.8 0.0 29.0

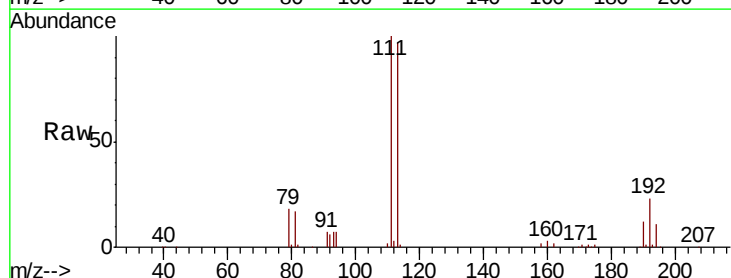


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

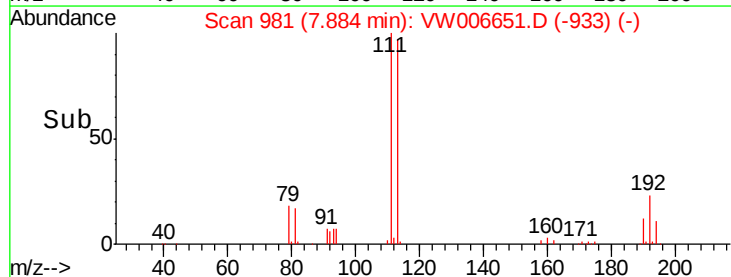
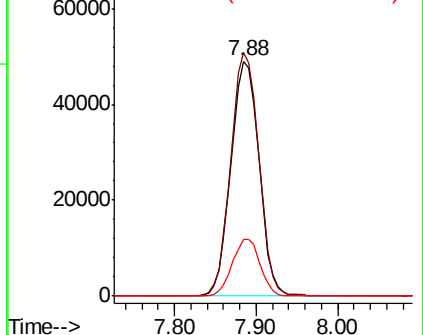


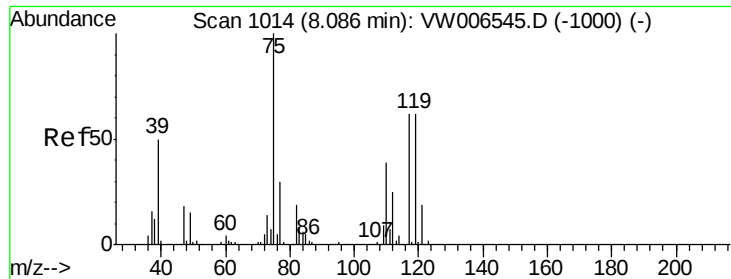
#35
 Dibromofluoromethane
 Concen: 46.730 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006651.D
 Acq: 05 Nov 2018 21:42

Tgt Ion:113 Resp: 116420
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.2 123.2
 192 24.0 19.0 28.6



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

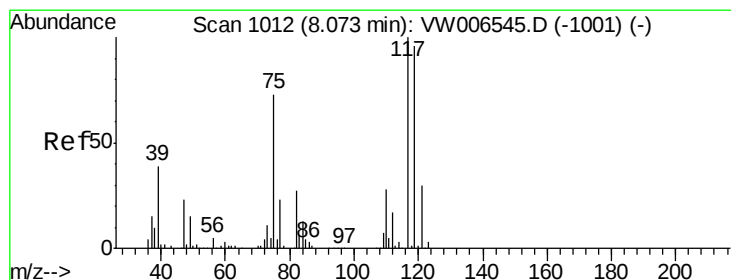
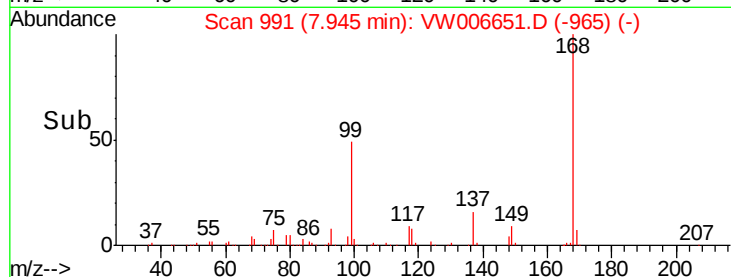
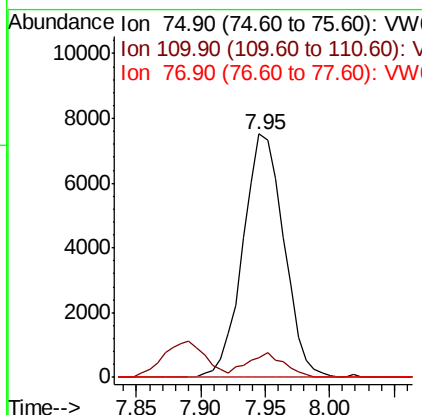
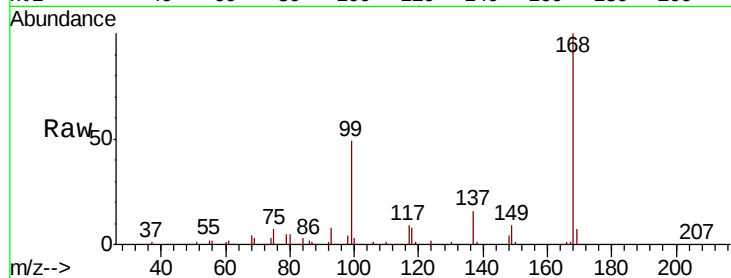




#36
 1,1-Dichloropropene
 Concen: 4.735 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006651.D
 Acq: 05 Nov 2018 21:42

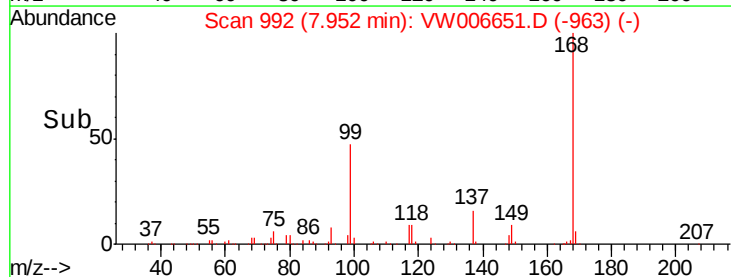
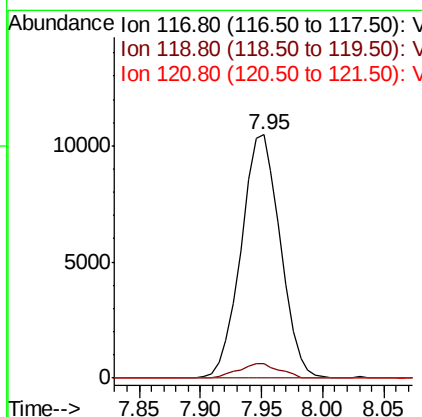
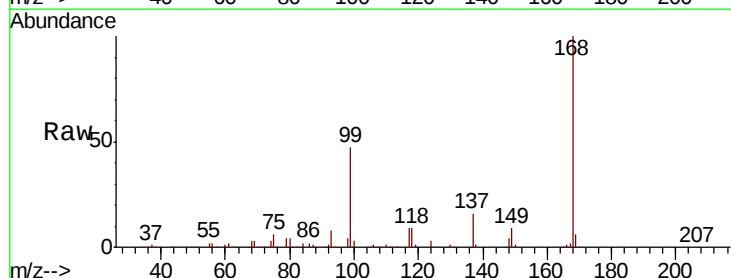
Instrument :
 MSVOA_W
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 B-5(14-14.5)

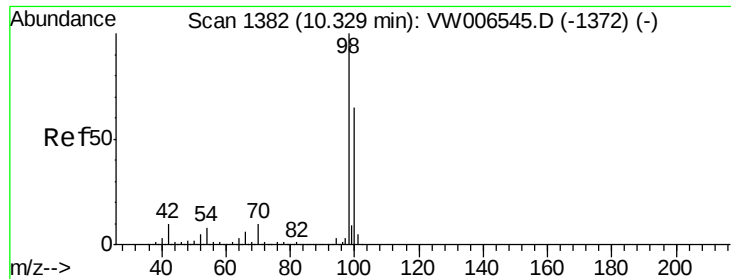
Tgt Ion: 75 Resp: 16530
 Ion Ratio Lower Upper
 75 100
 110 9.2 19.5 58.5#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 6.382 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006651.D
 Acq: 05 Nov 2018 21:42

Tgt Ion: 117 Resp: 23281
 Ion Ratio Lower Upper
 117 100
 119 6.0 76.3 114.5#
 121 0.0 24.1 36.1#





#50

Toluene-d8

Concen: 45.465 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006651.D

Acq: 05 Nov 2018 21:42

Instrument :

MSVOA_W

ClientSampleId :

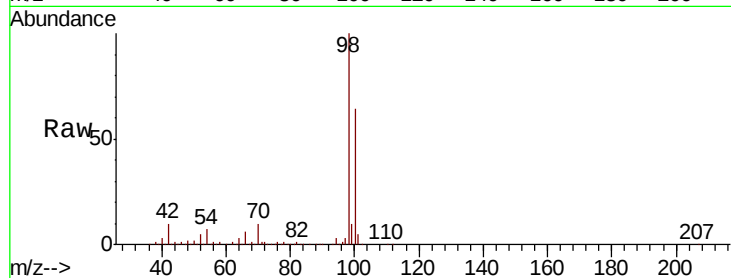
B-5(14-14.5)

Tgt Ion: 98 Resp: 431191

Ion Ratio Lower Upper

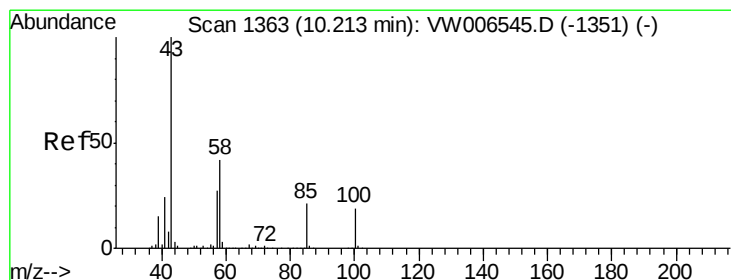
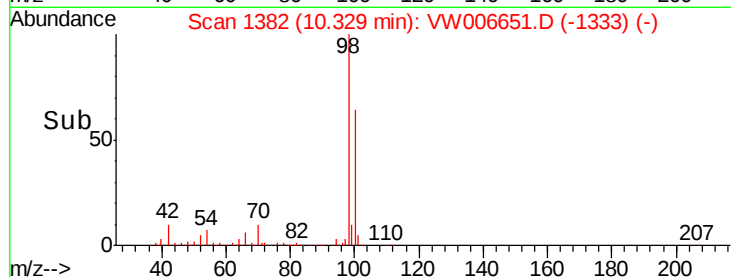
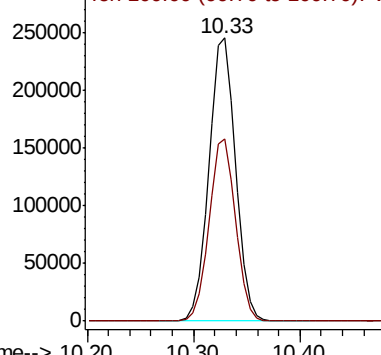
98 100

100 64.0 51.6 77.4



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: 1.460 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW006651.D

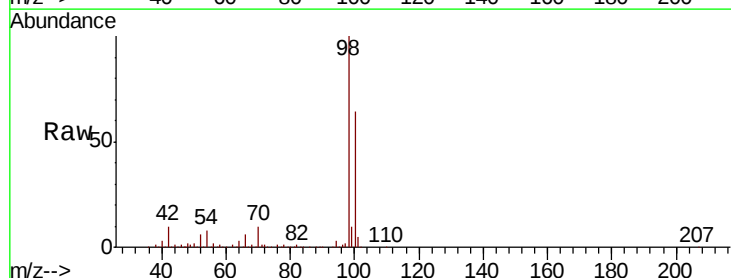
Acq: 05 Nov 2018 21:42

Tgt Ion: 43 Resp: 1810

Ion Ratio Lower Upper

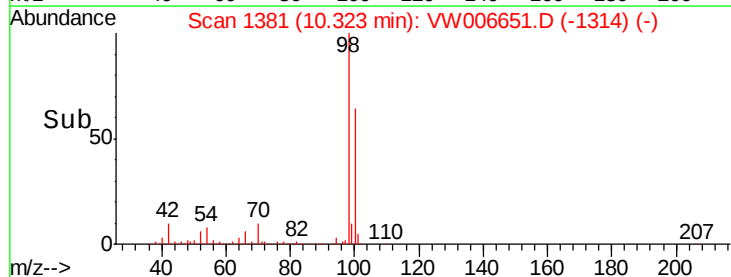
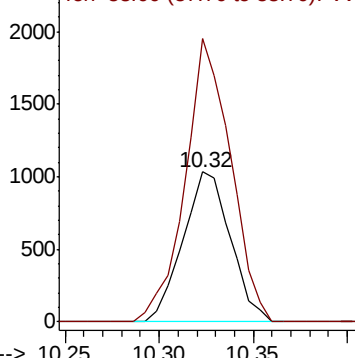
43 100

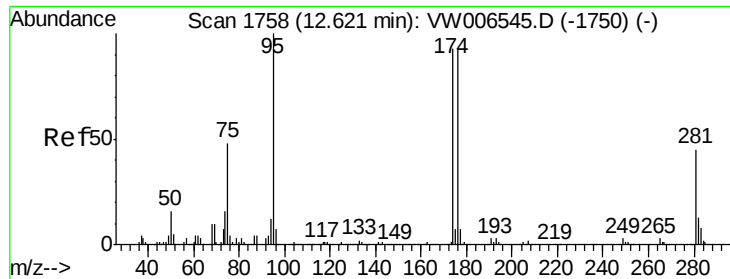
58 180.3 33.4 50.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

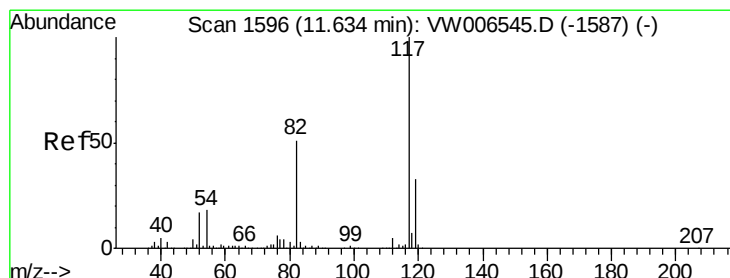
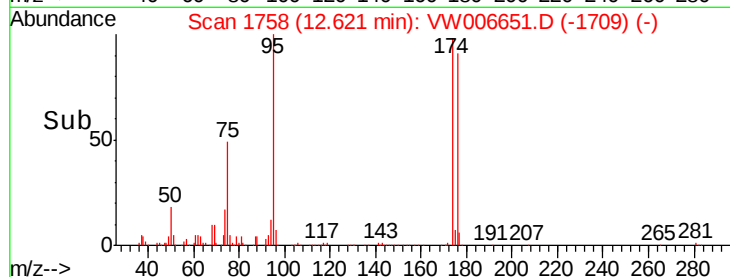
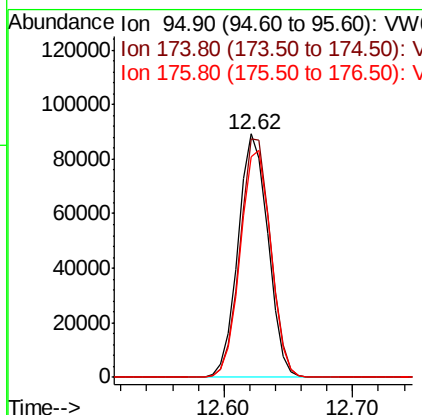
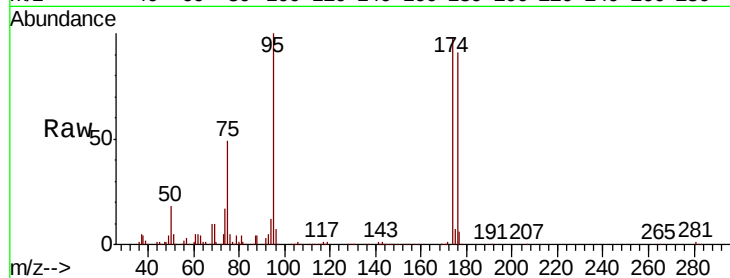




#62
4-Bromofluorobenzene
Concen: 41.799 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006651.D
Acq: 05 Nov 2018 21:42

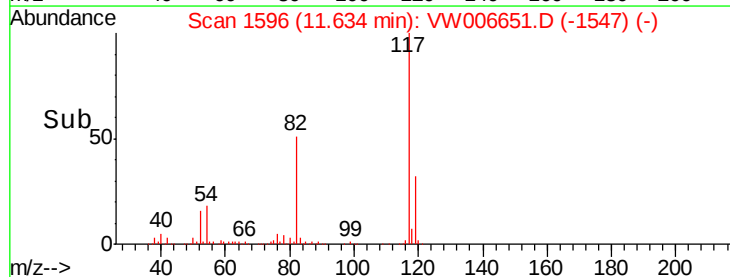
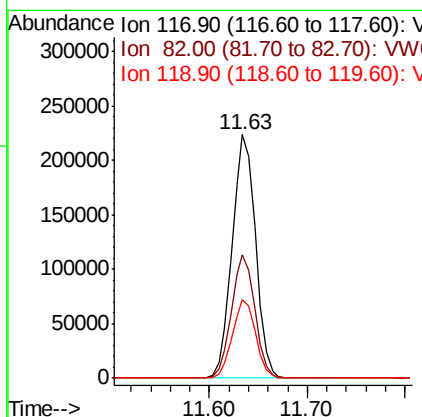
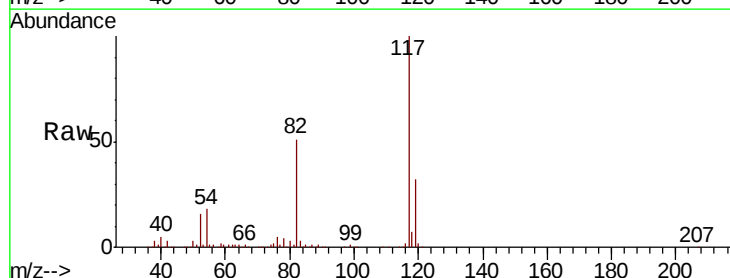
Instrument :
MSVOA_W
ClientSampleId :
B-5(14-14.5)

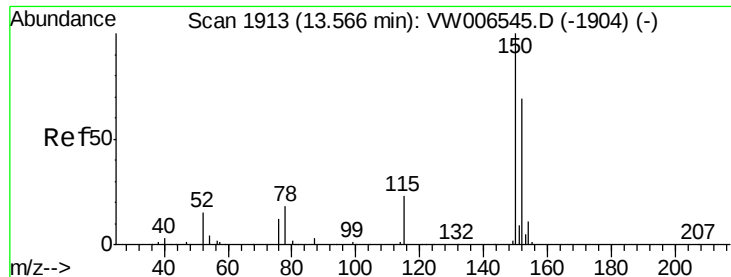
Tgt Ion: 95 Resp: 143719
Ion Ratio Lower Upper
95 100
174 99.6 0.0 192.4
176 94.8 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006651.D
Acq: 05 Nov 2018 21:42

Tgt Ion: 117 Resp: 371354
Ion Ratio Lower Upper
117 100
82 50.8 40.8 61.2
119 32.3 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006651.D

Acq: 05 Nov 2018 21:42

Instrument :

MSVOA_W

ClientSampleId :

B-5(14-14.5)

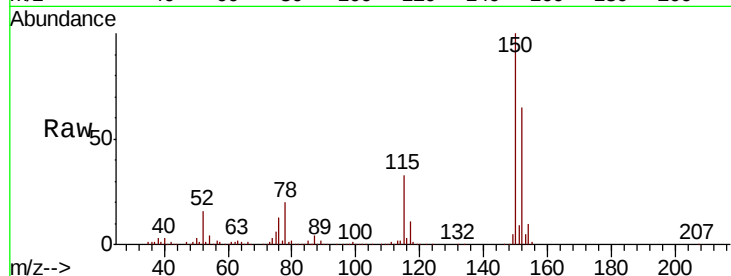
Tgt Ion:152 Resp: 190409

Ion Ratio Lower Upper

152 100

115 53.7 26.6 79.8

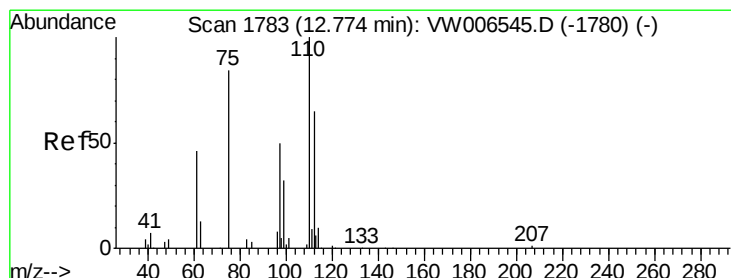
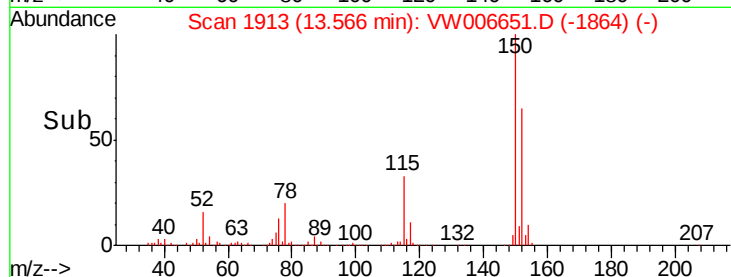
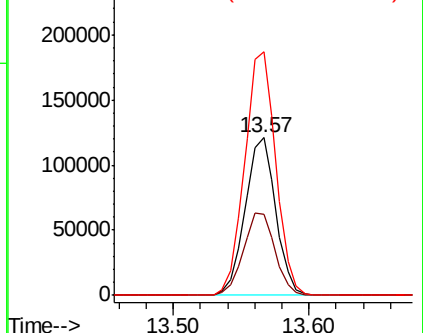
150 156.9 0.0 344.6



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: 46.581 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006651.D

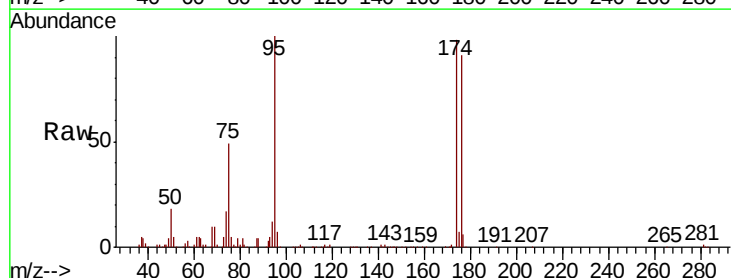
Acq: 05 Nov 2018 21:42

Tgt Ion: 75 Resp: 69202

Ion Ratio Lower Upper

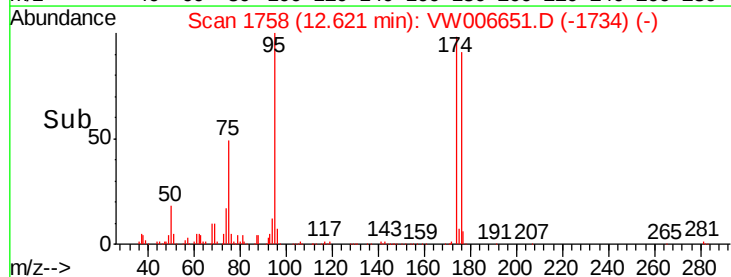
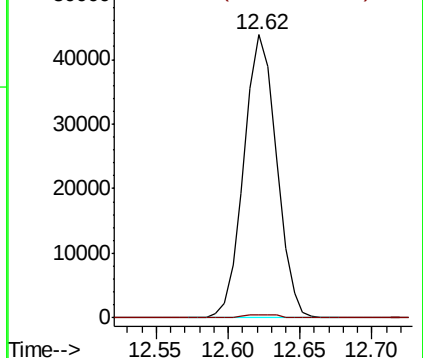
75 100

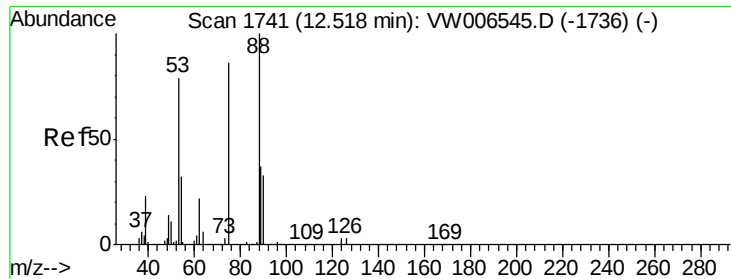
77 1.3 0.0 0.0#



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: 116.873 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006651.D

Acq: 05 Nov 2018 21:42

Instrument :

MSVOA_W

ClientSampleId :

B-5(14-14.5)

Tgt Ion: 75 Resp: 69202

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.0 38.6 58.0#

