

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110518\
 Data File : VW006630.D
 Acq On : 05 Nov 2018 12:40
 Operator : SY/AP
 Sample : J5649-02RE
 Misc : 5.38G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

Quant Time: Nov 06 01:22:02 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	242374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	350430	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	298123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	143394	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	83841	40.24	ug/l	0.00
Spiked Amount			Recovery	=	80.48%	
35) Dibromofluoromethane	7.89	113	90316	41.07	ug/l	0.00
Spiked Amount			Recovery	=	82.14%	
50) Toluene-d8	10.33	98	309388	36.95	ug/l	0.00
Spiked Amount			Recovery	=	73.90%	
62) 4-Bromofluorobenzene	12.62	95	98175	32.35	ug/l	0.00
Spiked Amount			Recovery	=	64.70%	

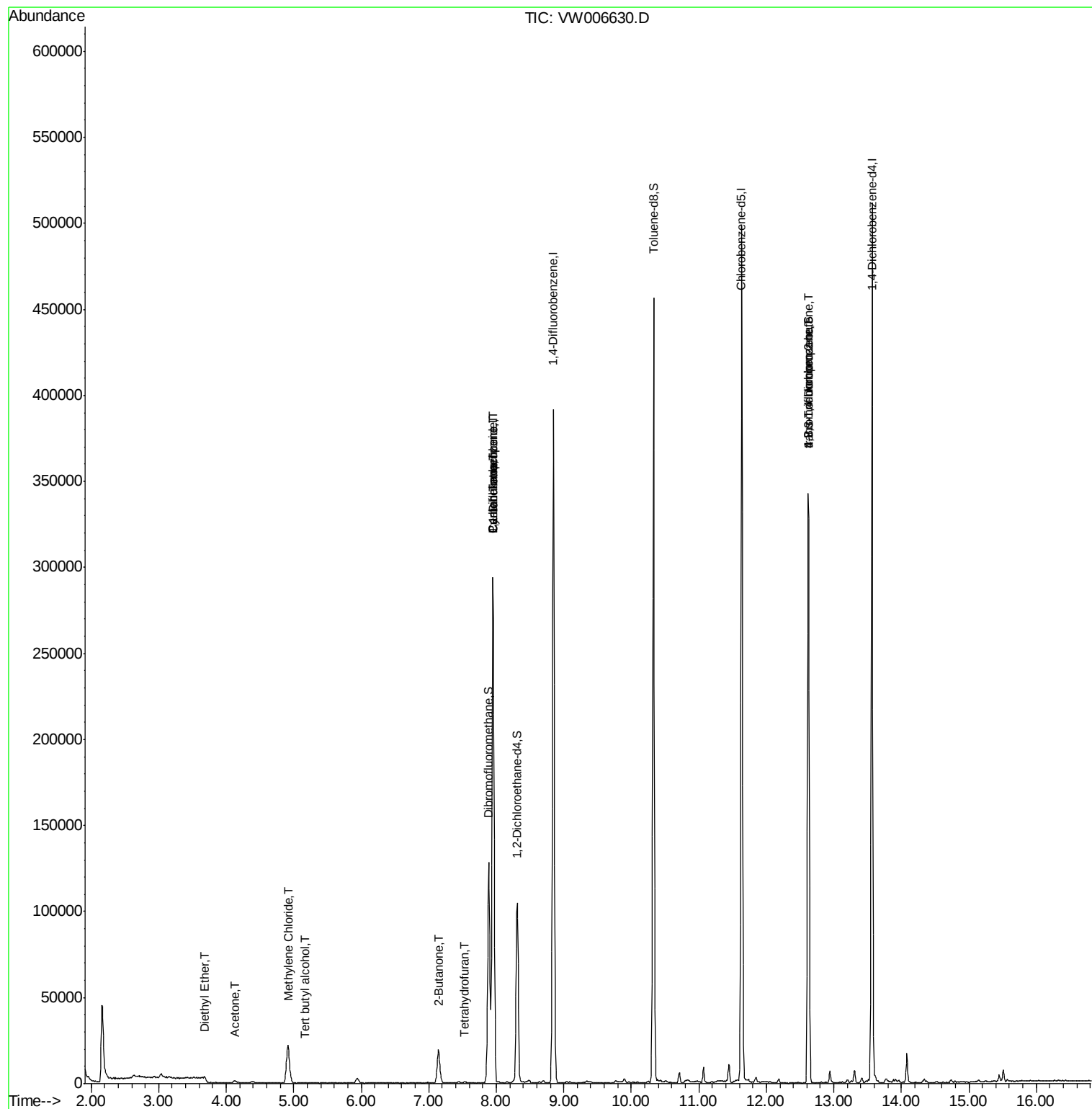
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	1707	1.629	ug/l	81
11) Tert butyl alcohol	5.17	59	236	2.102	ug/l #	84
16) Acetone	4.14	43	2796	8.312	ug/l	91
20) Methylene Chloride	4.92	84	19048	3.140	ug/l	89
25) 2-Butanone	7.15	43	916	1.908	ug/l #	46
29) Tetrahydrofuran	7.53	42	448	1.484	ug/l #	52
31) Cyclohexane	7.95	56	4106	1.237	ug/l #	8
36) 1,1-Dichloropropene	7.95	75	15000	4.867	ug/l #	48
38) Carbon Tetrachloride	7.95	117	20720	6.435	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	47793	42.718	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	47793	107.401	ug/l #	11

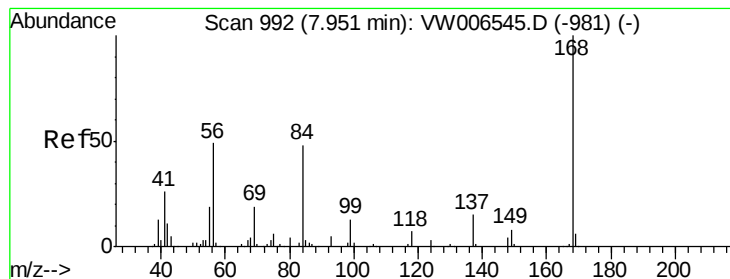
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: VW006630.D

Acq: 05 Nov 2018 12:40

Instrument :

MSVOA_W

ClientSampled :

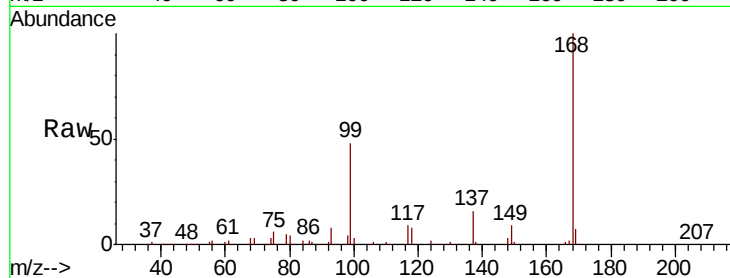
BFB

Tgt Ion:168 Resp: 242374

Ion Ratio Lower Upper

168 100

99 48.1 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

120000

100000

80000

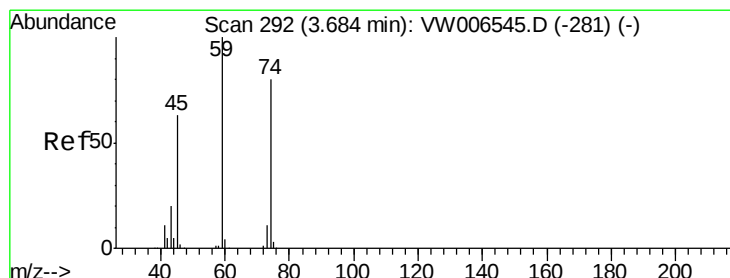
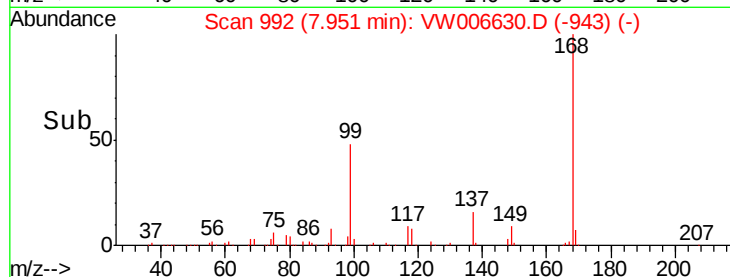
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 1.629 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VW006630.D

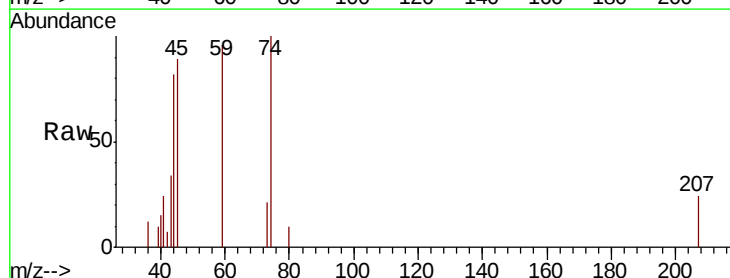
Acq: 05 Nov 2018 12:40

Tgt Ion: 74 Resp: 1707

Ion Ratio Lower Upper

74 100

45 99.0 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

800

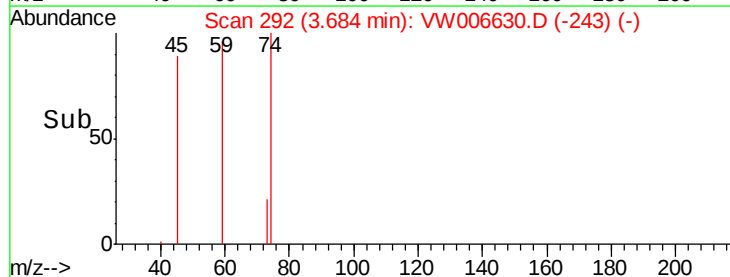
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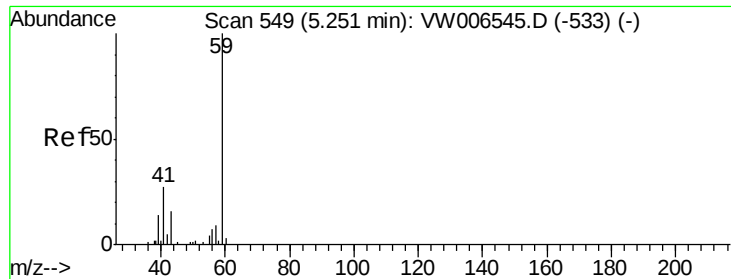
400

200

0

Time-->

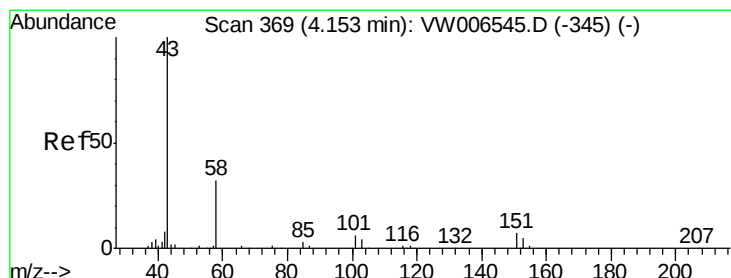
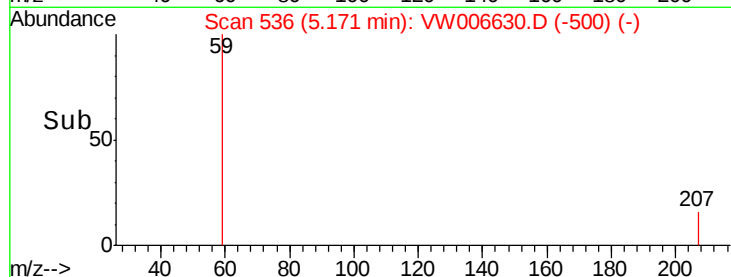
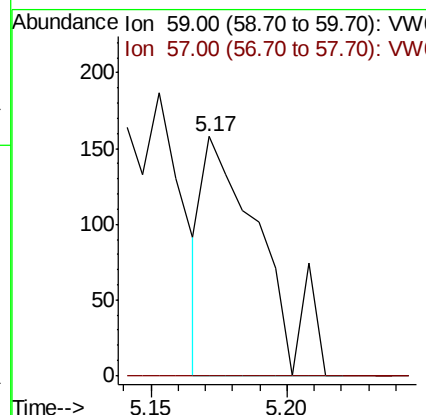
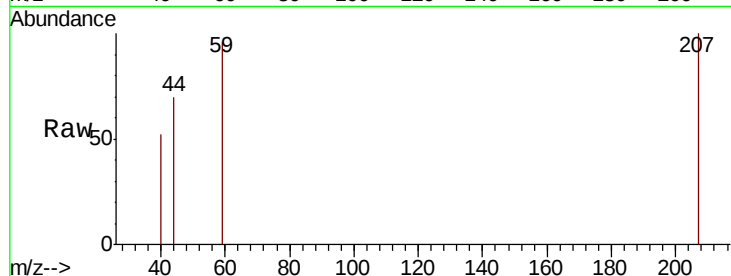




#11
Tert butyl alcohol
Concen: 2.102 ug/l
RT: 5.17 min Scan# 536
Delta R.T. -0.08 min
Lab File: VW006630.D
Acq: 05 Nov 2018 12:40

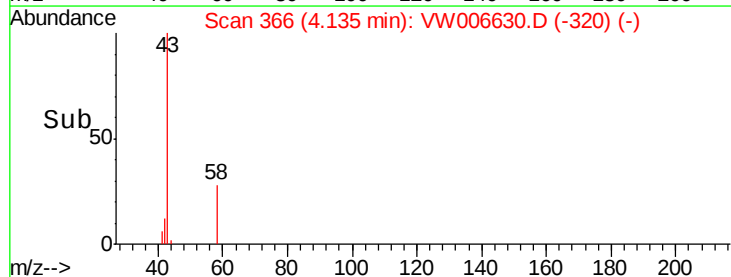
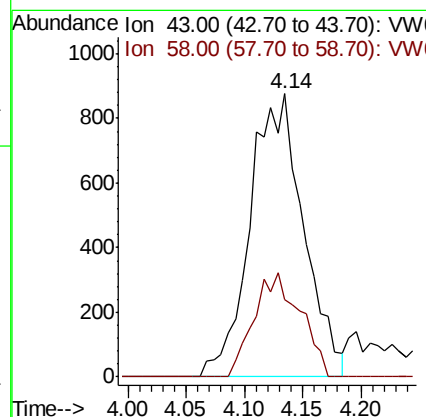
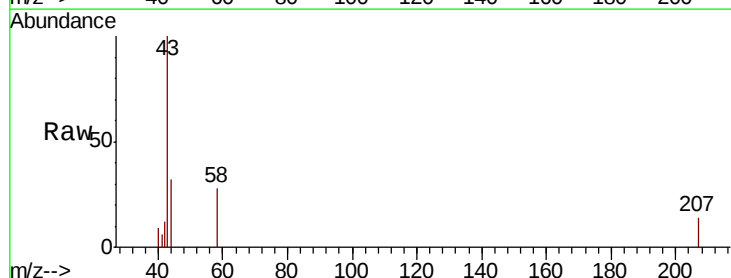
Instrument :
MSVOA_W
ClientSampleId :
BFB

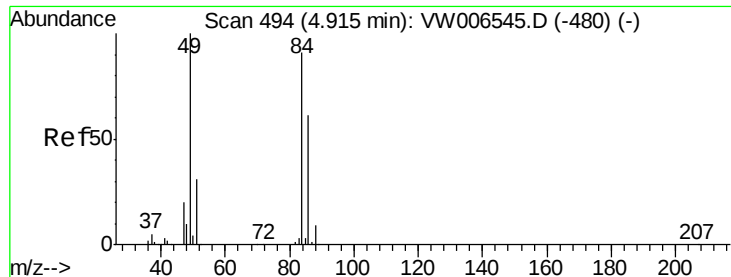
Tgt Ion: 59 Resp: 236
Ion Ratio Lower Upper
59 100
57 0.0 4.3 6.5#



#16
Acetone
Concen: 8.312 ug/l
RT: 4.14 min Scan# 366
Delta R.T. -0.02 min
Lab File: VW006630.D
Acq: 05 Nov 2018 12:40

Tgt Ion: 43 Resp: 2796
Ion Ratio Lower Upper
43 100
58 27.5 25.8 38.8

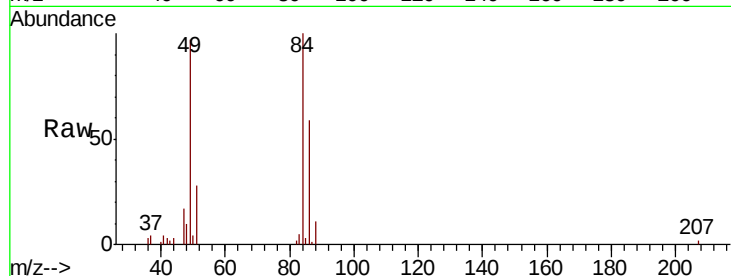




#20
Methylene Chloride
Concen: 3.140 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006630.D
Acq: 05 Nov 2018 12:40

Instrument :
MSVOA_W
ClientSampleId :
BFB

Tgt Ion:	84	Resp:	19048
Ion	Ratio	Lower	Upper
84	100		
49	97.0	88.2	132.4
51	28.1	27.0	40.6
86	59.3	53.8	80.8



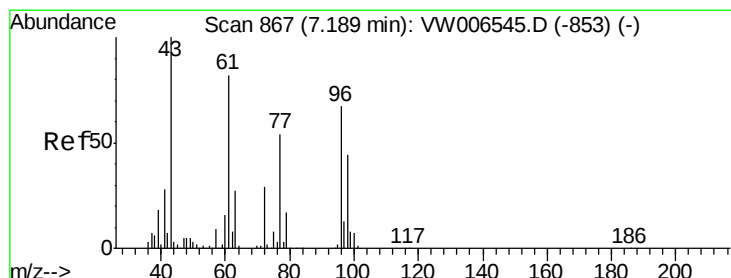
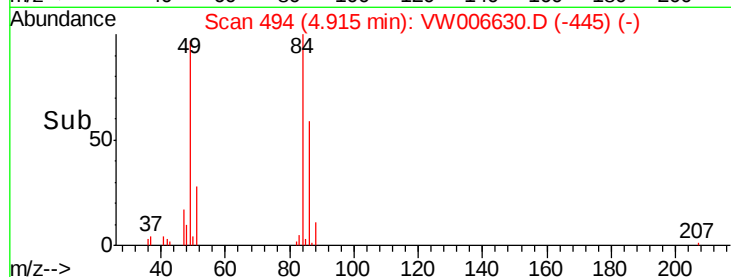
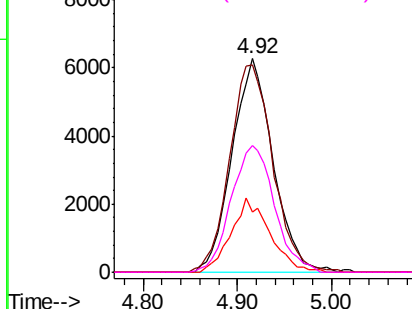
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

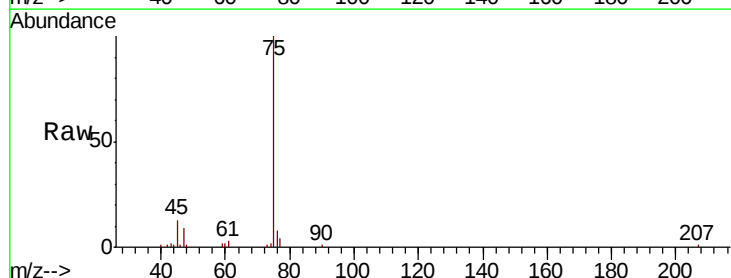
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#25
2-Butanone
Concen: 1.908 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.04 min
Lab File: VW006630.D
Acq: 05 Nov 2018 12:40

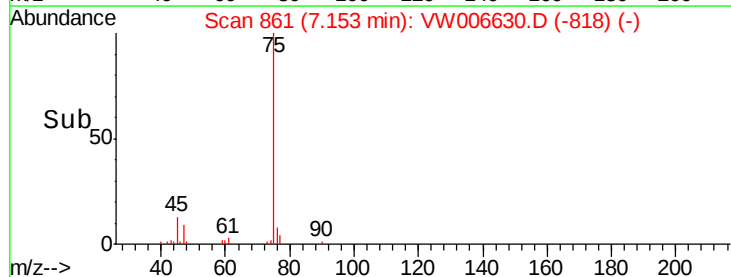
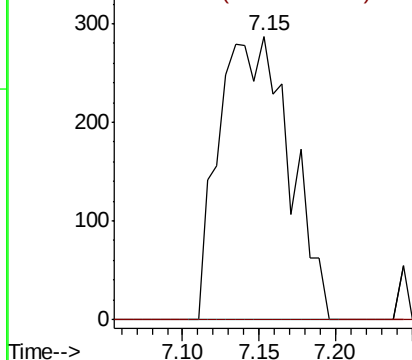
Tgt Ion:	43	Resp:	916
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.2	34.8#

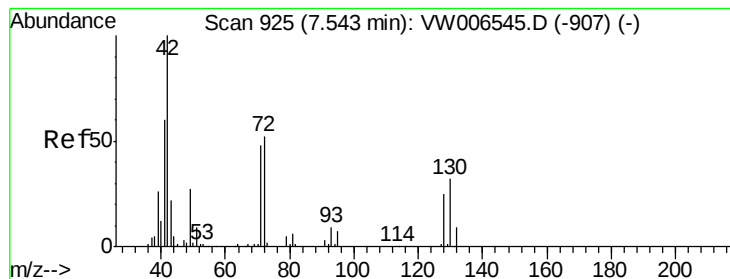


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#29

Tetrahydrofuran

Concen: 1.484 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.01 min

Lab File: VW006630.D

Acq: 05 Nov 2018 12:40

Instrument :

MSVOA_W

ClientSampled :

BFB

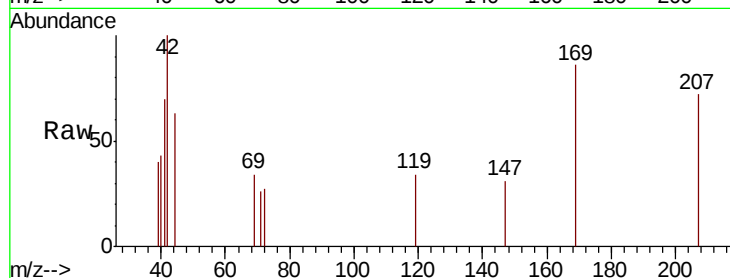
Tgt Ion: 42 Resp: 448

Ion Ratio Lower Upper

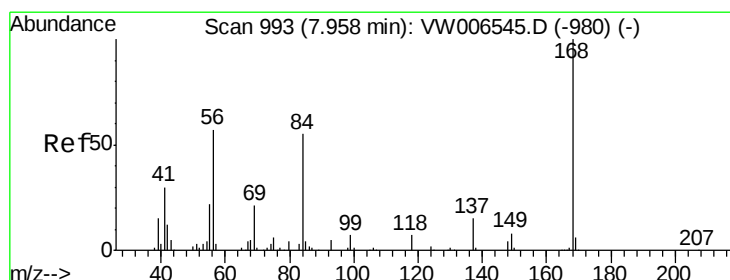
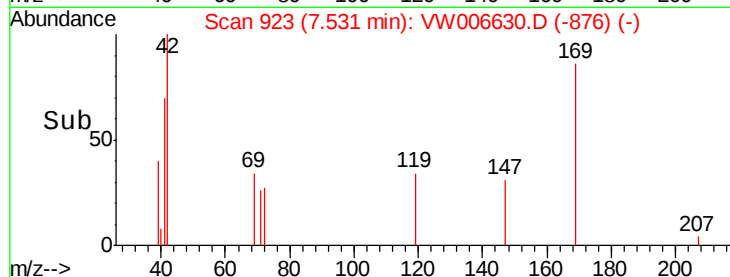
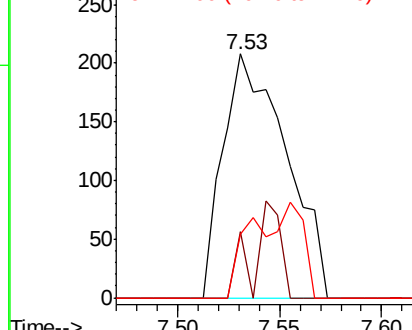
42 100

72 17.2 39.2 58.8#

71 14.3 37.6 56.4#



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: 1.237 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006630.D

Acq: 05 Nov 2018 12:40

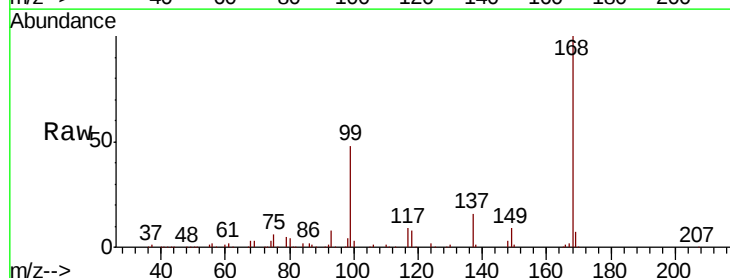
Tgt Ion: 56 Resp: 4106

Ion Ratio Lower Upper

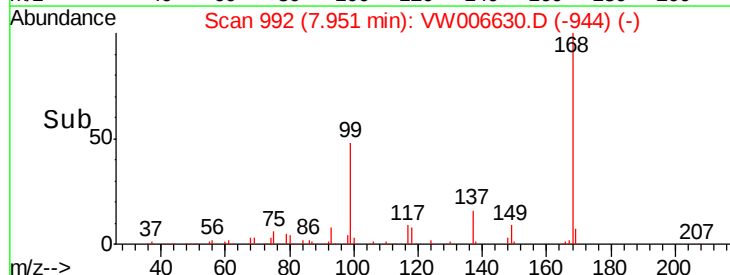
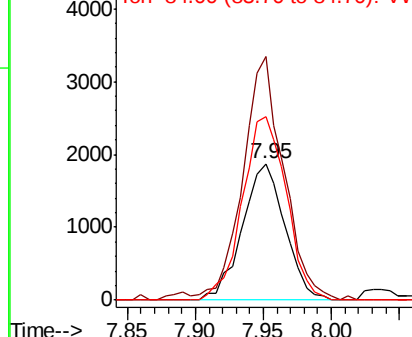
56 100

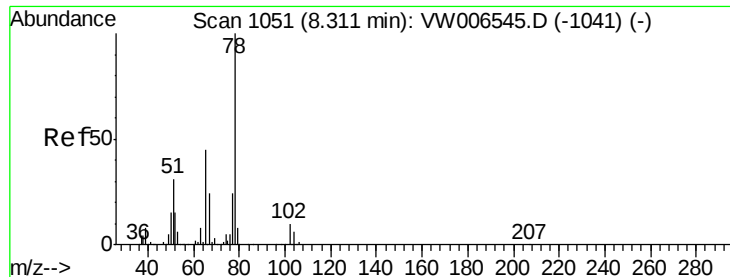
69 178.1 29.0 43.4#

84 133.9 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

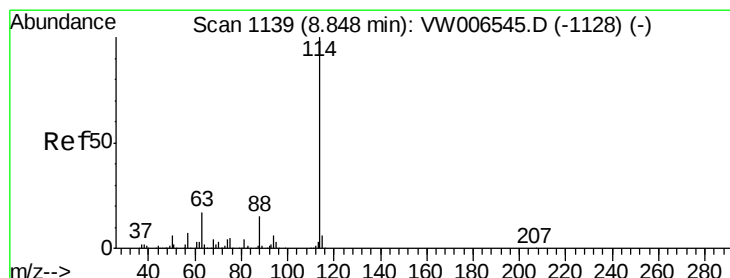
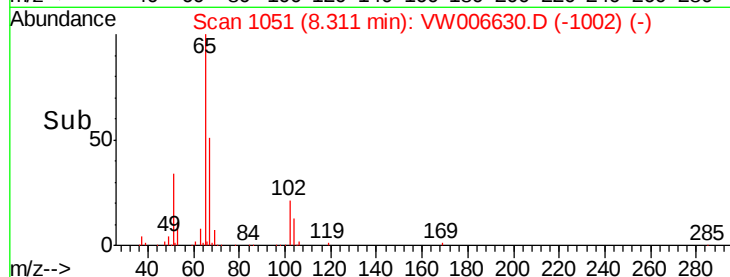
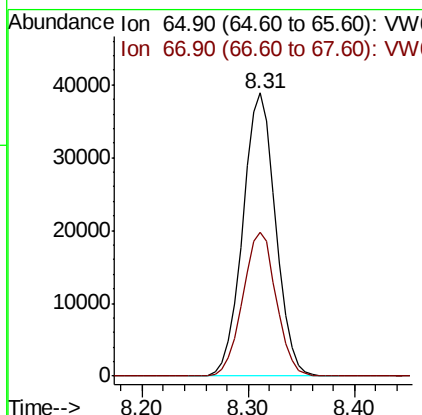
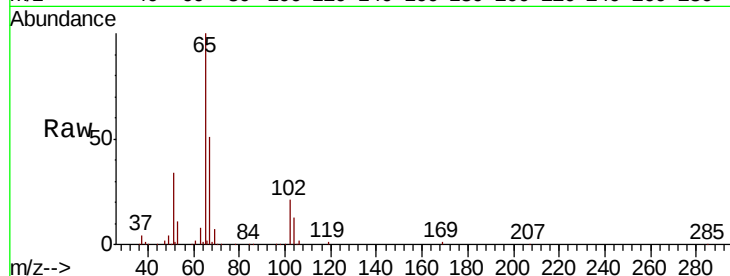




#33
 1,2-Dichloroethane-d4
 Concen: 40.242 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006630.D
 Acq: 05 Nov 2018 12:40

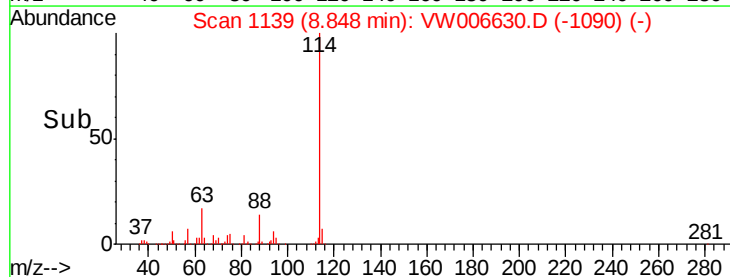
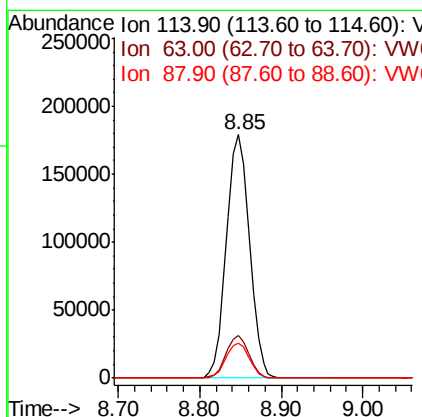
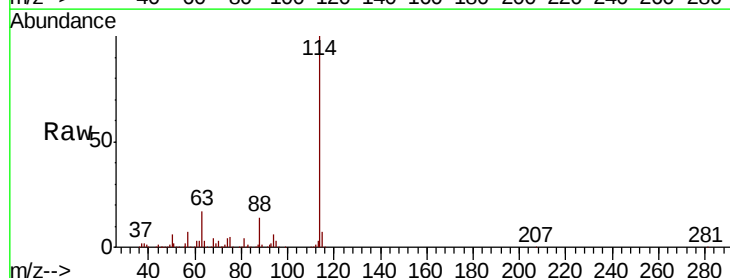
Instrument :
 MSVOA_W
 ClientSampled :
 BFB

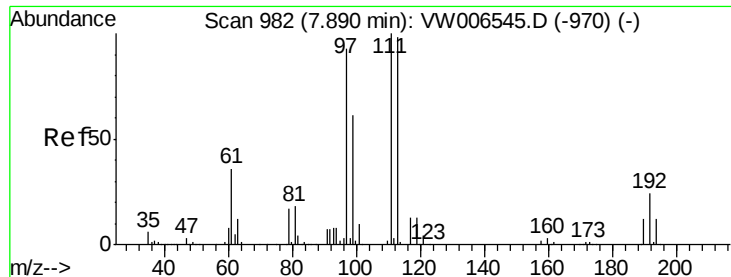
Tgt Ion: 65 Resp: 83841
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006630.D
 Acq: 05 Nov 2018 12:40

Tgt Ion: 114 Resp: 350430
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 34.4
 88 14.4 0.0 29.0

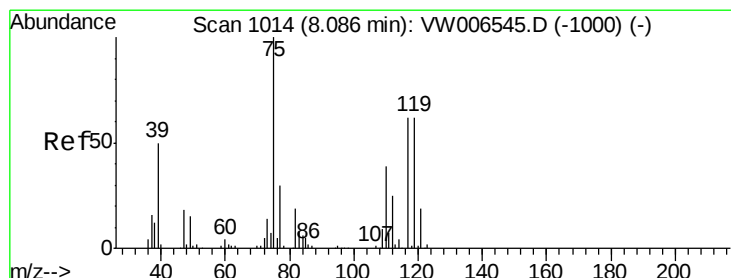
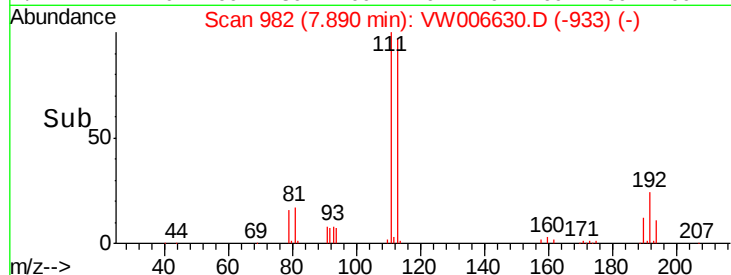
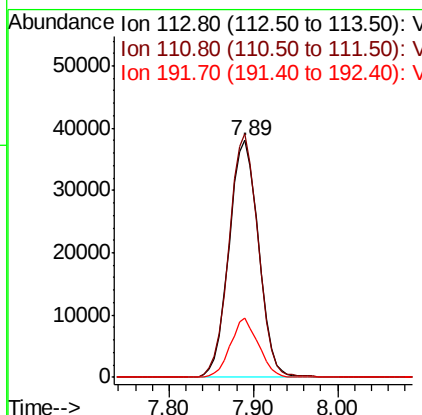
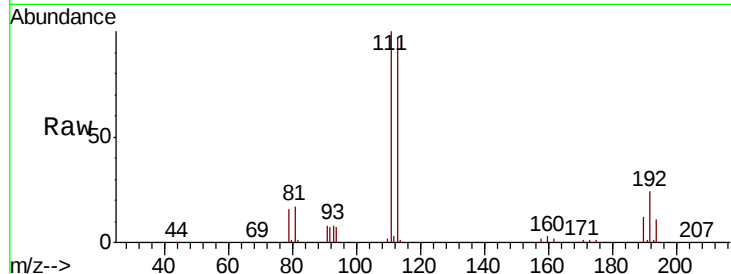




#35
 Dibromofluoromethane
 Concen: 41.067 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006630.D
 Acq: 05 Nov 2018 12:40

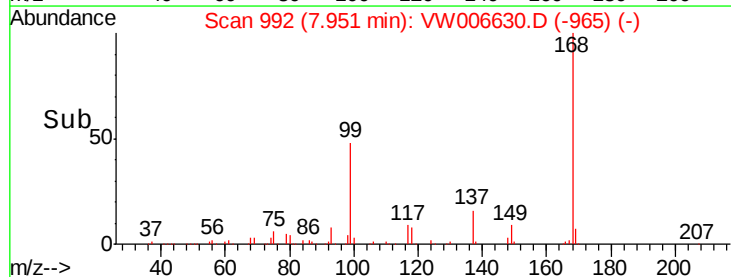
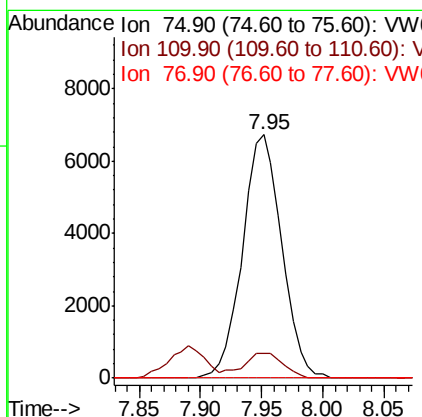
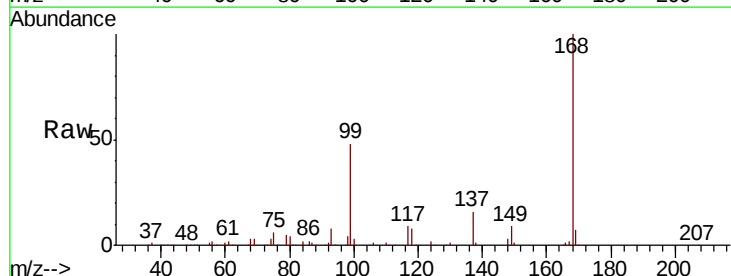
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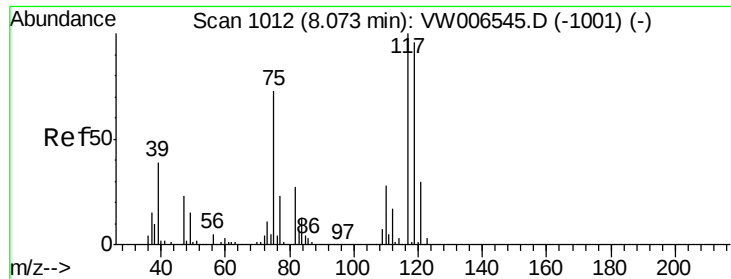
Tgt Ion:113 Resp: 90316
 Ion Ratio Lower Upper
 113 100
 111 101.2 82.2 123.2
 192 23.5 19.0 28.6



#36
 1,1-Dichloropropene
 Concen: 4.867 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006630.D
 Acq: 05 Nov 2018 12:40

Tgt Ion: 75 Resp: 15000
 Ion Ratio Lower Upper
 75 100
 110 9.4 19.5 58.5#
 77 0.0 24.6 37.0#

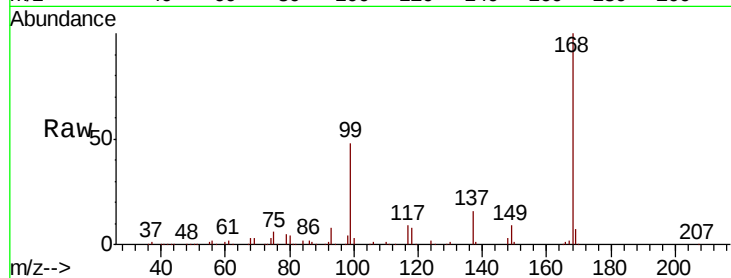




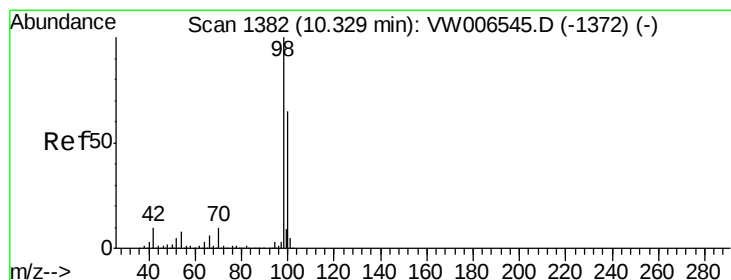
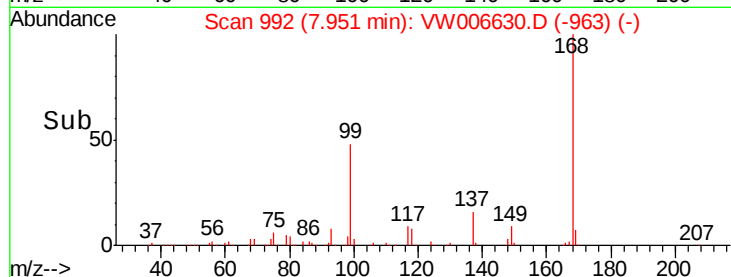
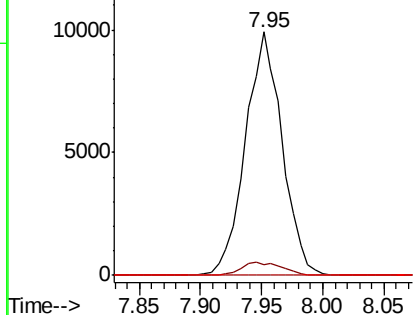
#38
Carbon Tetrachloride
Concen: 6.435 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006630.D
Acq: 05 Nov 2018 12:40

Instrument :
MSVOA_W
ClientSampleId :
BFB

Tgt Ion:117 Resp: 20720
Ion Ratio Lower Upper
117 100
119 4.5 76.3 114.5#
121 0.0 24.1 36.1#

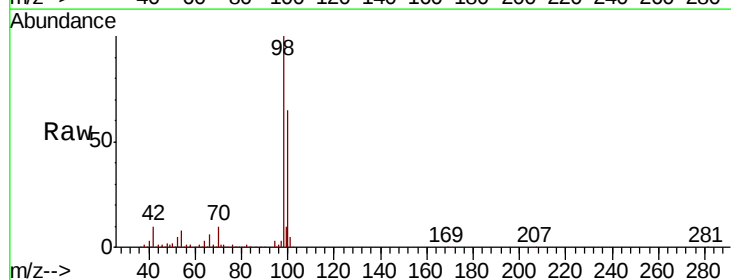


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

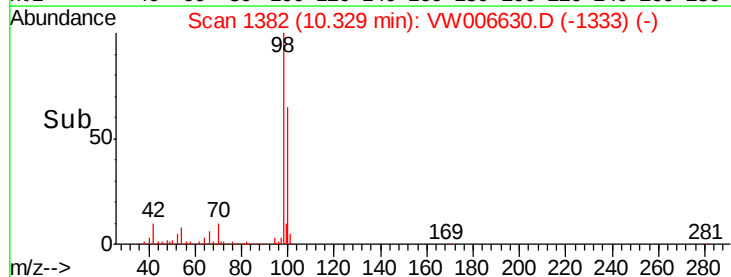
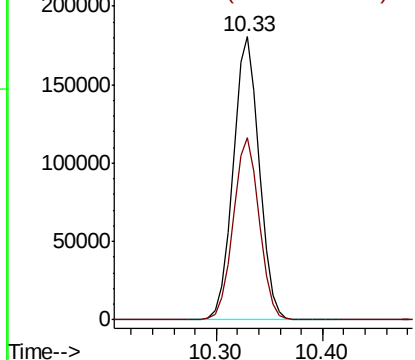


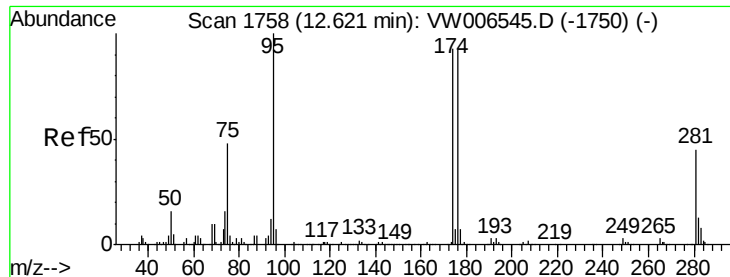
#50
Toluene-d8
Concen: 36.955 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006630.D
Acq: 05 Nov 2018 12:40

Tgt Ion: 98 Resp: 309388
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4



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





#62

4-Bromofluorobenzene

Concen: 32.346 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006630.D

Acq: 05 Nov 2018 12:40

Instrument :

MSVOA_W

ClientSampled :

BFB

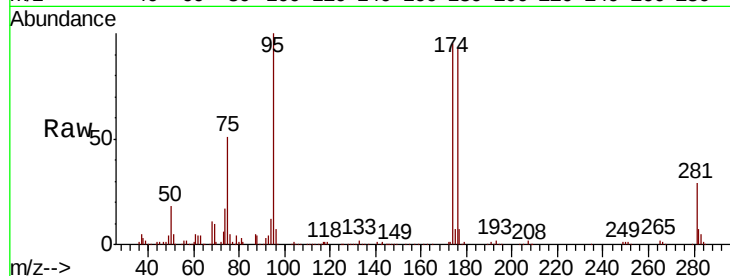
Tgt Ion: 95 Resp: 98175

Ion Ratio Lower Upper

95 100

174 98.0 0.0 192.4

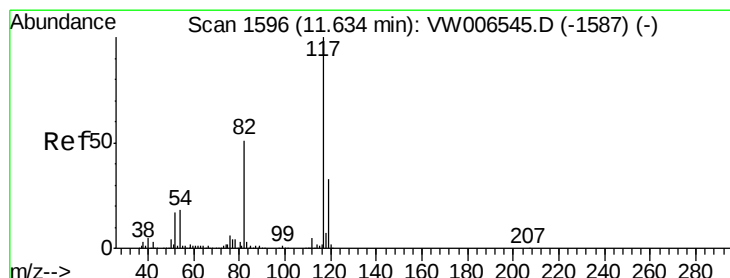
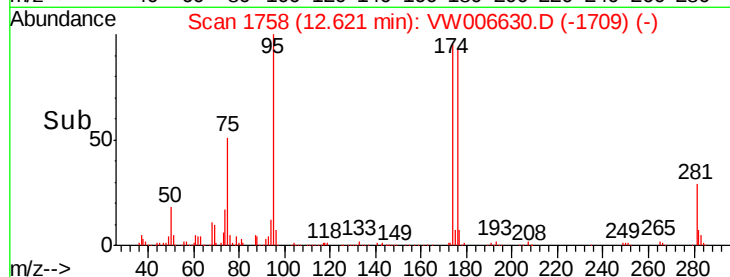
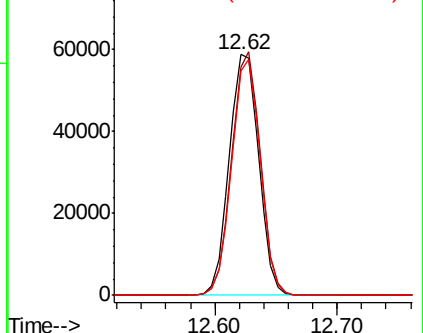
176 94.7 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW006630.D

Acq: 05 Nov 2018 12:40

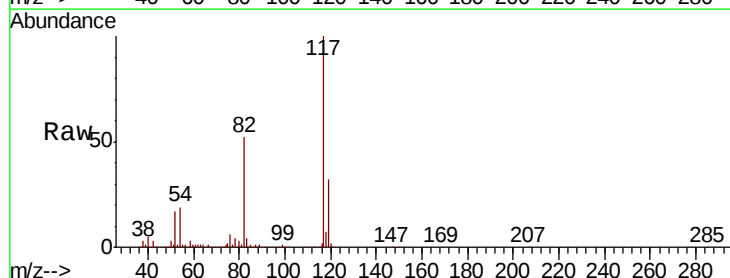
Tgt Ion: 117 Resp: 298123

Ion Ratio Lower Upper

117 100

82 52.0 40.8 61.2

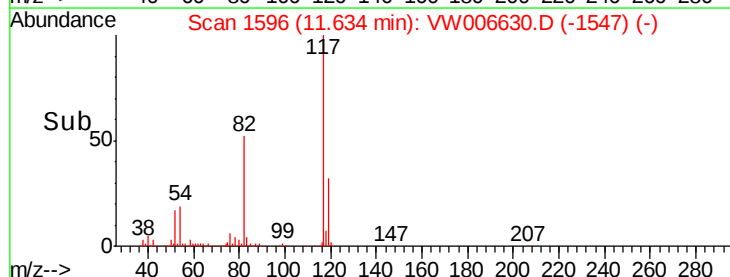
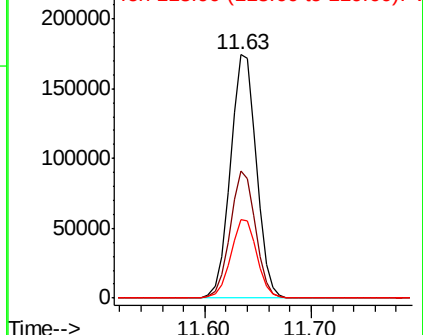
119 32.3 26.1 39.1

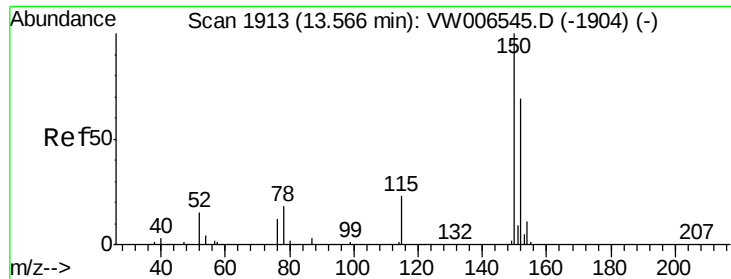


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006630.D

Acq: 05 Nov 2018 12:40

Instrument :

MSVOA_W

ClientSampleId :

BFB

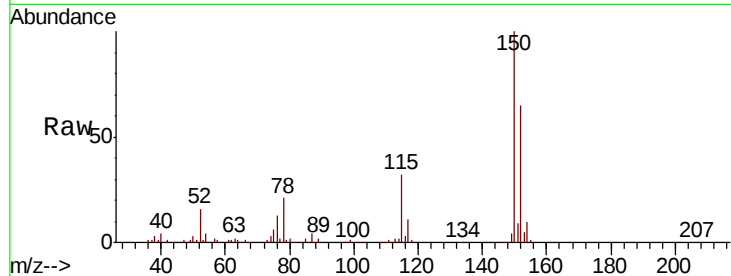
Tgt Ion:152 Resp: 143394

Ion Ratio Lower Upper

152 100

115 52.6 26.6 79.8

150 155.9 0.0 344.6

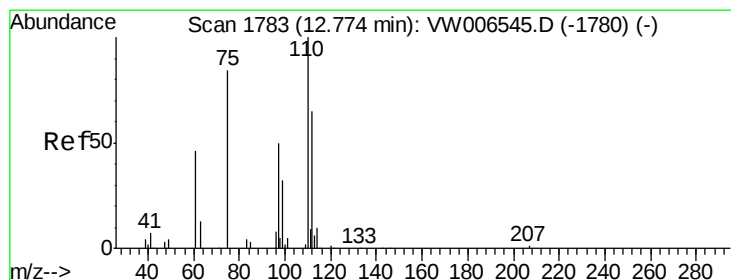
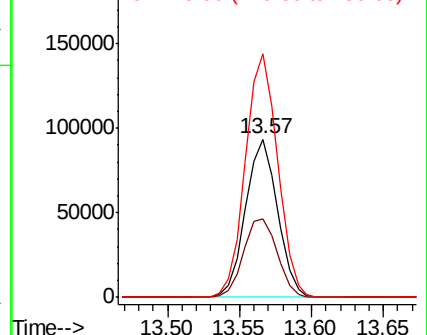
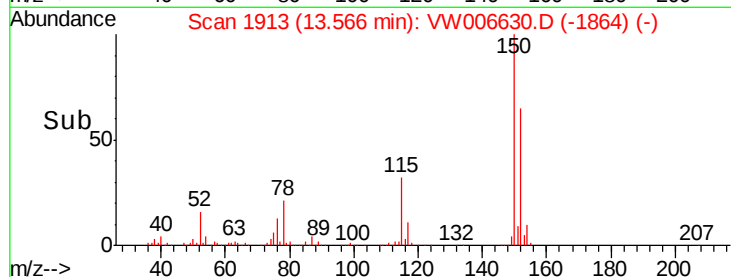


Abundance

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: 42.718 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006630.D

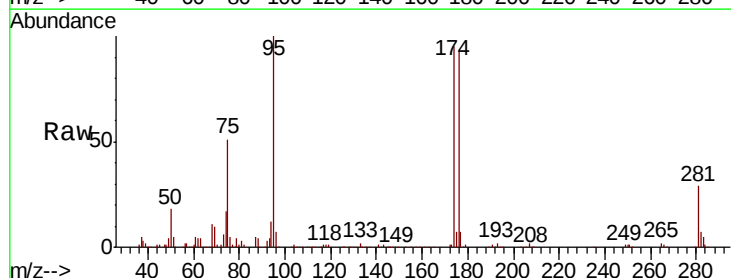
Acq: 05 Nov 2018 12:40

Tgt Ion: 75 Resp: 47793

Ion Ratio Lower Upper

75 100

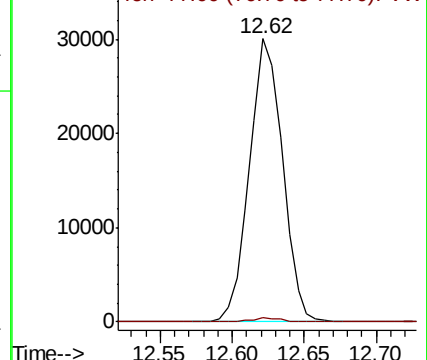
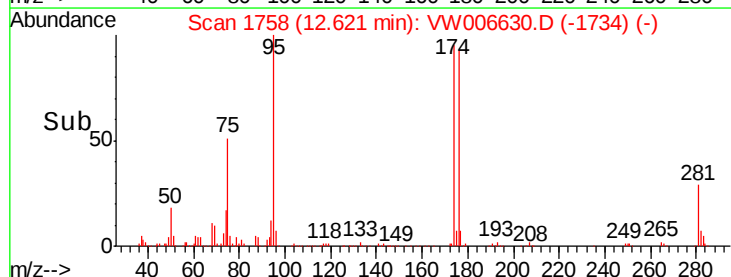
77 1.2 0.0 0.0#

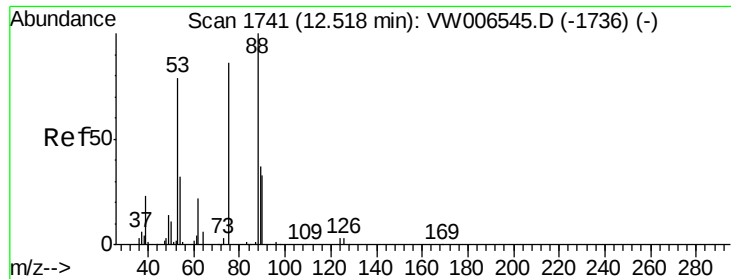


Abundance

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: 107.401 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006630.D

Acq: 05 Nov 2018 12:40

Instrument :

MSVOA_W

ClientSampleId :

BFB

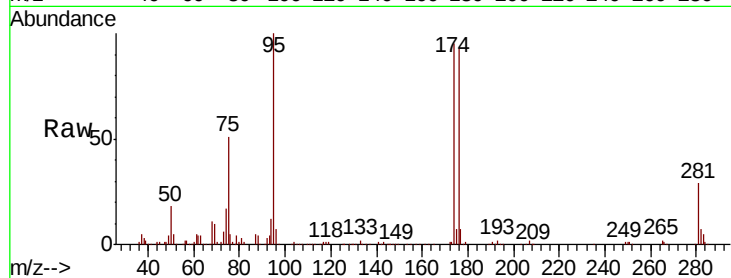
Tgt Ion: 75 Resp: 47793

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.0 38.6 58.0#



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

