

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110518\
 Data File : VW006657.D
 Acq On : 06 Nov 2018 02:01
 Operator : SY/AP
 Sample : J5764-01
 Misc : 5.46G/5ML/MSVOA_W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-110218-A

Quant Time: Nov 06 03:35:36 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

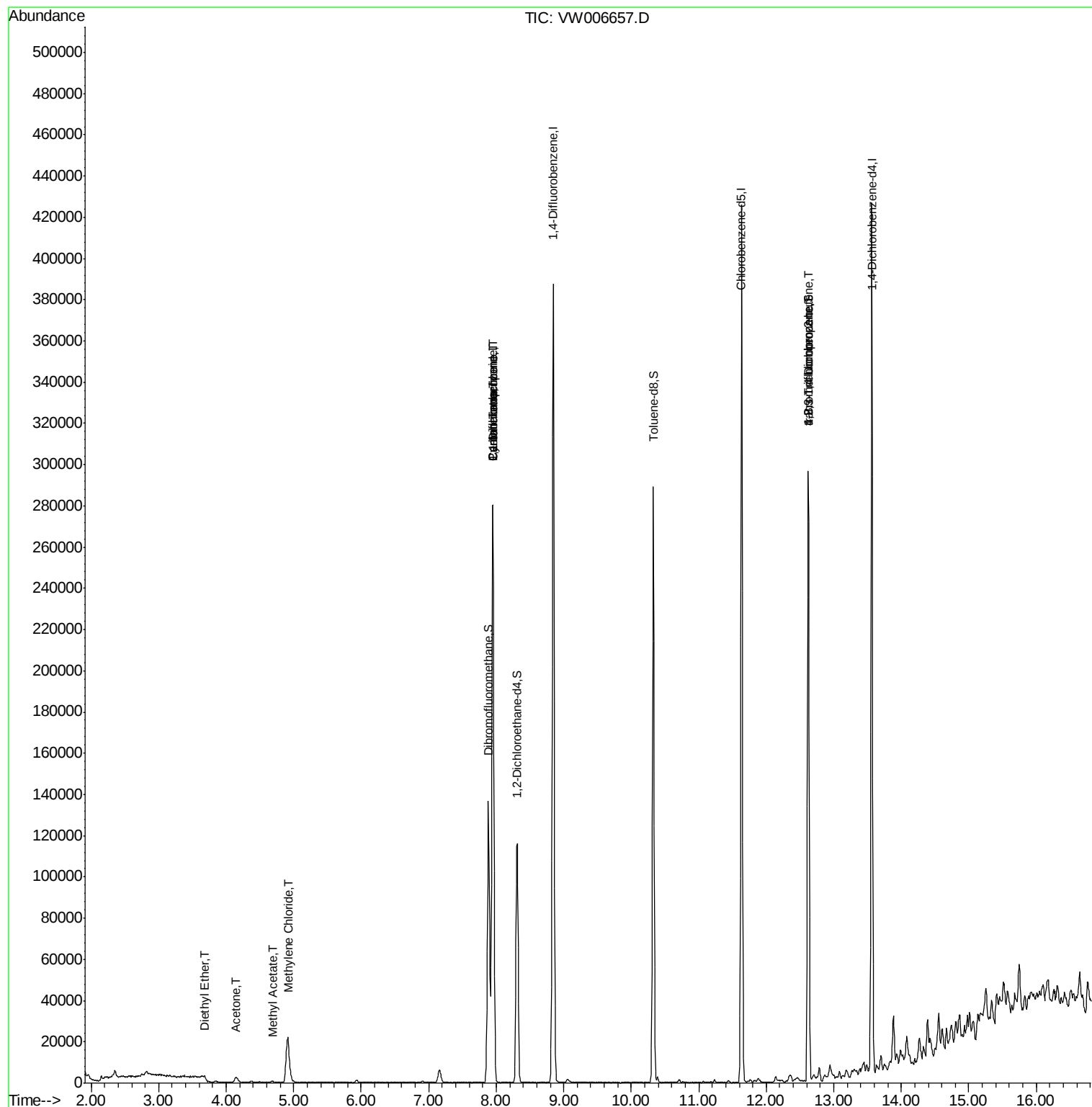
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	233157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	349925	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	248561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	122661	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	92808	46.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.62%	
35) Dibromofluoromethane	7.88	113	97048	44.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.38%	
50) Toluene-d8	10.32	98	202216	24.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	48.38%	
62) 4-Bromofluorobenzene	12.62	95	89273	29.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.92%	
Target Compounds						
8) Diethyl Ether	3.68	74	1553	1.541	ug/l	68
16) Acetone	4.14	43	5601	17.310	ug/l	90
18) Methyl Acetate	4.68	43	1242	1.335	ug/l #	87
20) Methylene Chloride	4.91	84	20442	4.287	ug/l	92
31) Cyclohexane	7.95	56	3917	1.227	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	14729	4.786	ug/l #	47
38) Carbon Tetrachloride	7.95	117	20006	6.222	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	43809	45.776	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	43809	114.898	ug/l #	11

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

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QLast Update : Thu Nov 01 03:48:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006657.D

Acq: 06 Nov 2018 02:01

Instrument :

MSVOA_W

ClientSampleId :

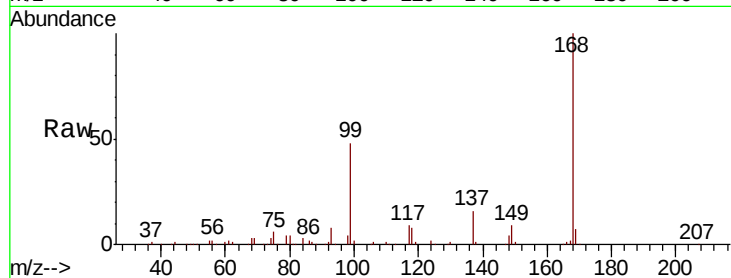
JC-03-110218-A

Tgt Ion:168 Resp: 233157

Ion Ratio Lower Upper

168 100

99 48.0 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

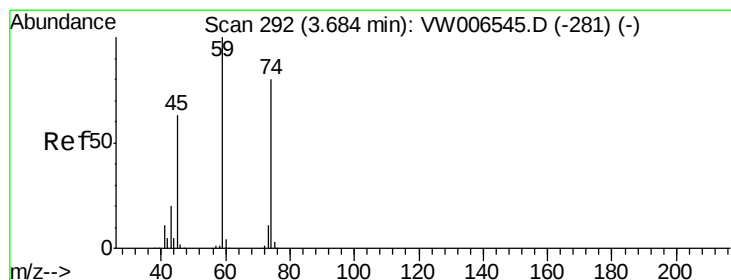
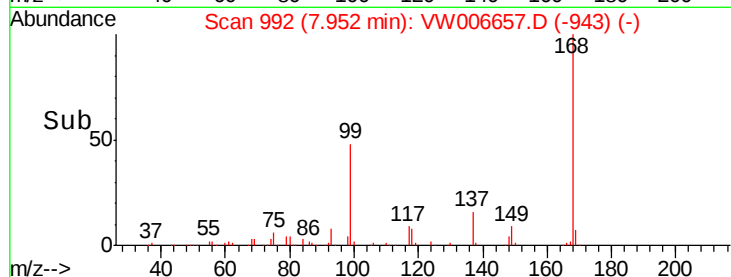
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 1.541 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VW006657.D

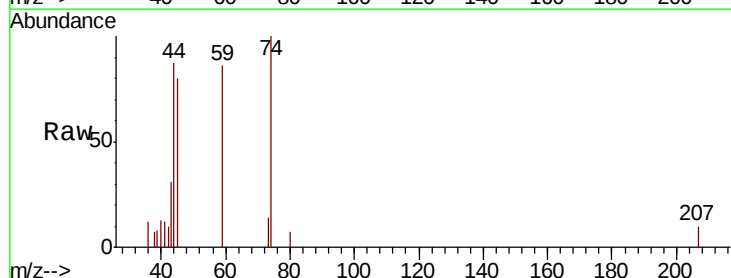
Acq: 06 Nov 2018 02:01

Tgt Ion: 74 Resp: 1553

Ion Ratio Lower Upper

74 100

45 110.8 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

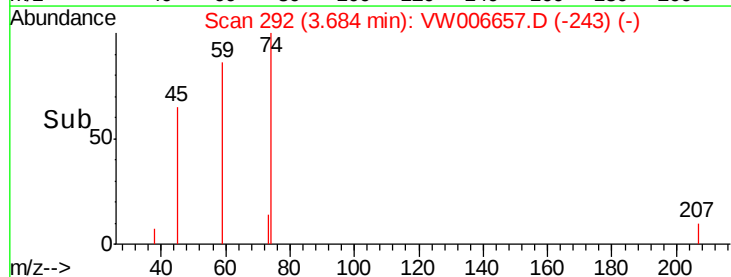
600

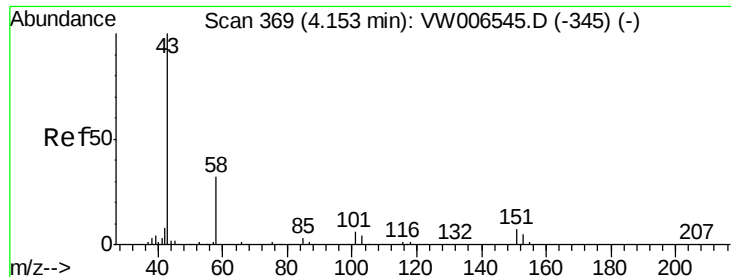
400

200

0

Time-->





#16

Acetone

Concen: 17.310 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006657.D

Acq: 06 Nov 2018 02:01

Instrument :

MSVOA_W

ClientSampleId :

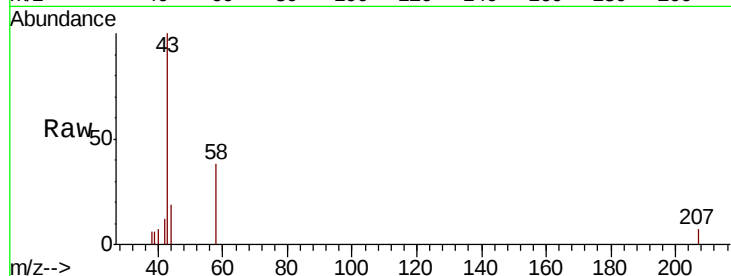
JC-03-110218-A

Tgt Ion: 43 Resp: 5601

Ion Ratio Lower Upper

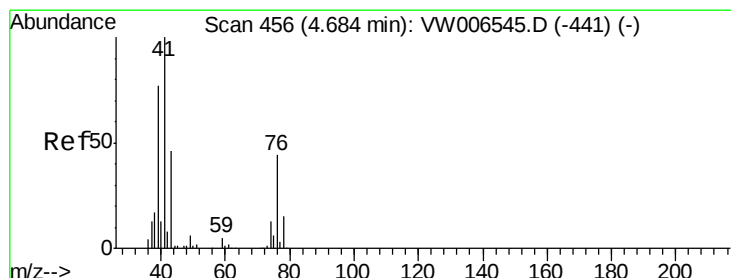
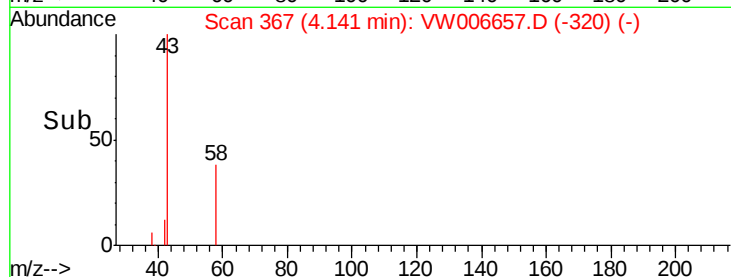
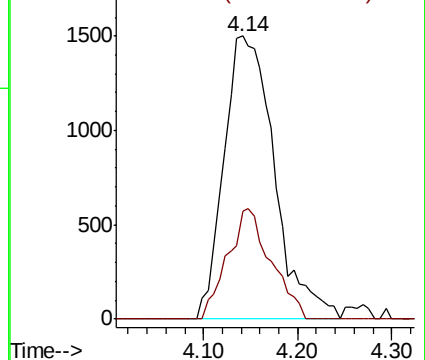
43 100

58 38.0 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#18

Methyl Acetate

Concen: 1.335 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW006657.D

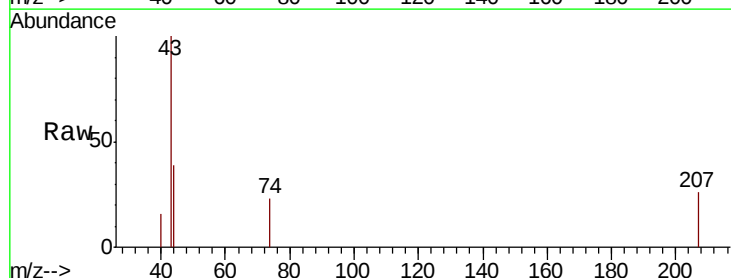
Acq: 06 Nov 2018 02:01

Tgt Ion: 43 Resp: 1242

Ion Ratio Lower Upper

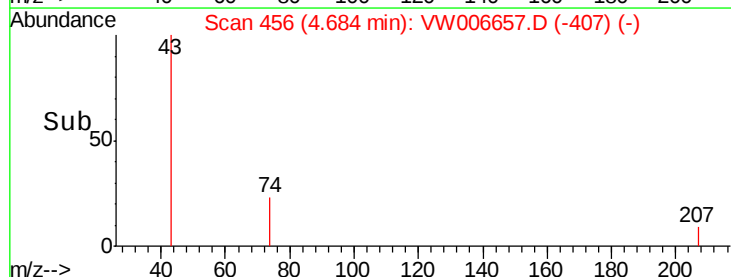
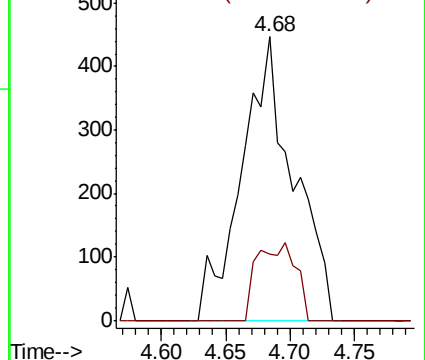
43 100

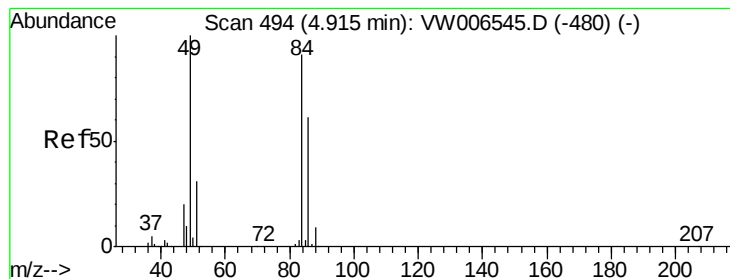
74 20.5 21.9 32.9#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





#20

Methylene Chloride

Concen: 4.287 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006657.D

Acq: 06 Nov 2018 02:01

Instrument :

MSVOA_W

ClientSampleId :

JC-03-110218-A

Tgt Ion: 84 Resp: 20442

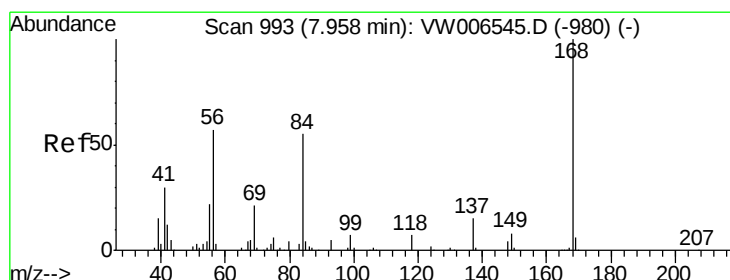
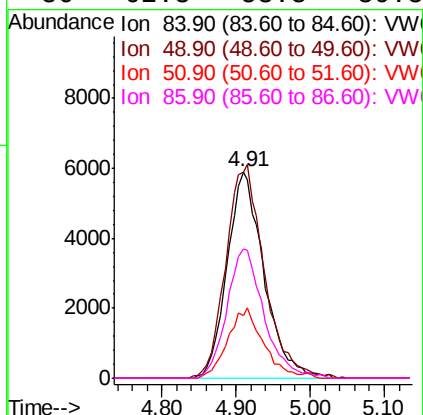
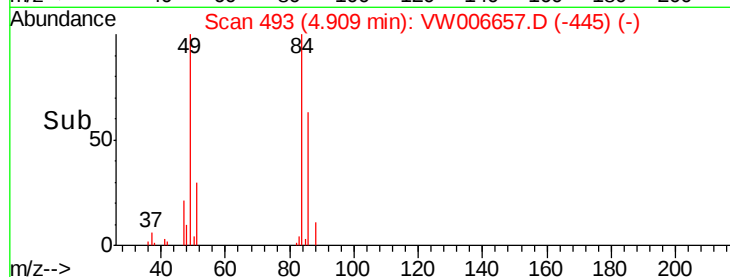
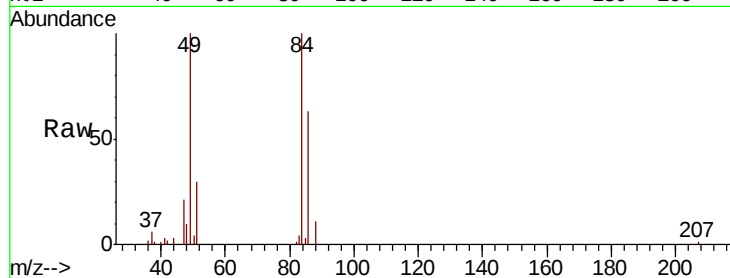
Ion Ratio Lower Upper

84 100

49 100.0 88.2 132.4

51 30.4 27.0 40.6

86 62.8 53.8 80.8



#31

Cyclohexane

Concen: 1.227 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006657.D

Acq: 06 Nov 2018 02:01

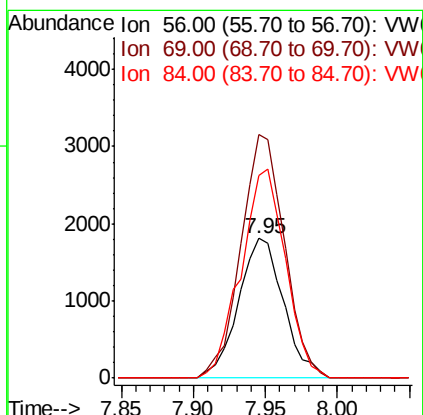
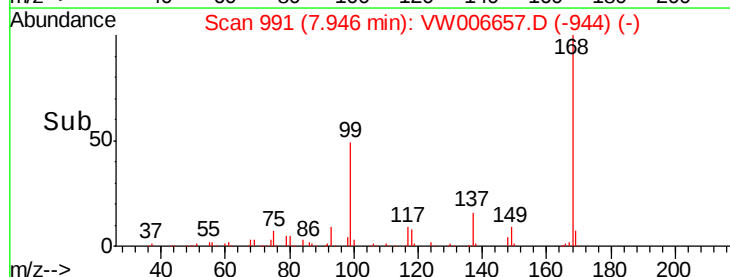
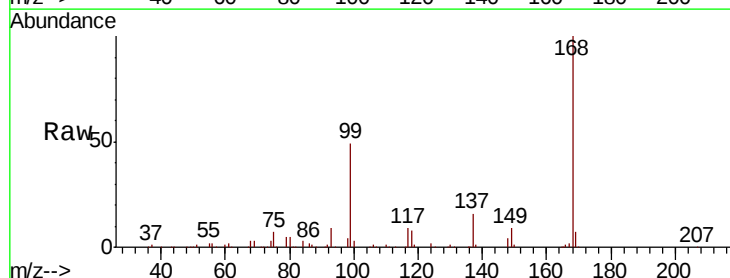
Tgt Ion: 56 Resp: 3917

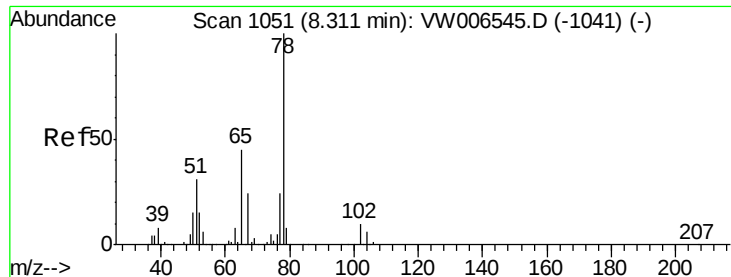
Ion Ratio Lower Upper

56 100

69 174.7 29.0 43.4#

84 145.1 77.8 116.6#





#33

1,2-Dichloroethane-d4

Concen: 46.307 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006657.D

Acq: 06 Nov 2018 02:01

Instrument :

MSVOA_W

ClientSampleId :

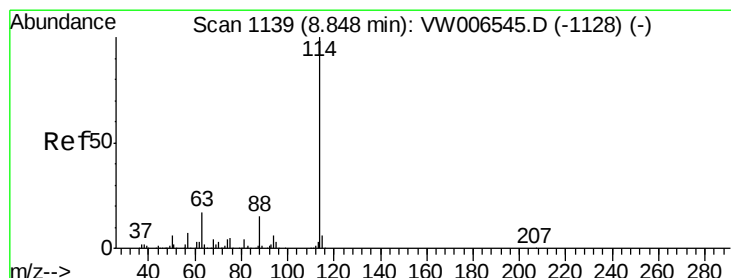
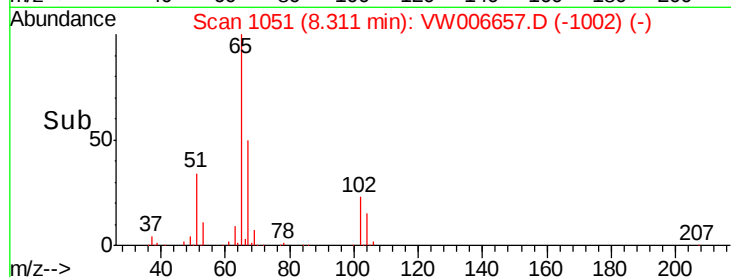
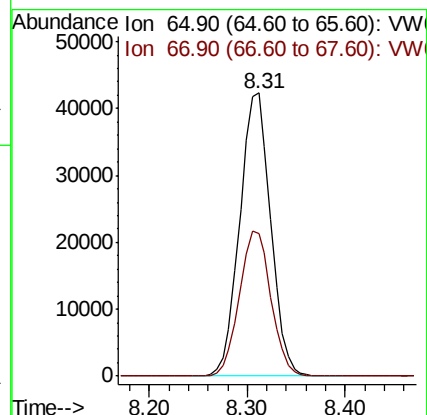
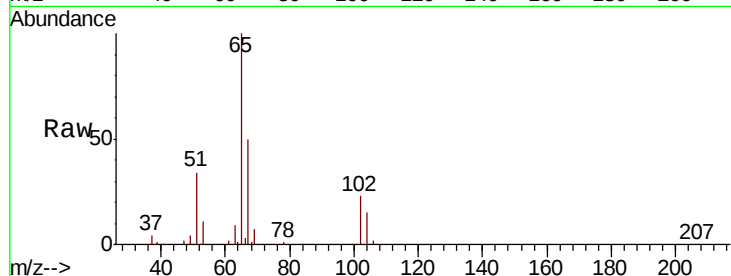
JC-03-110218-A

Tgt Ion: 65 Resp: 92808

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW006657.D

Acq: 06 Nov 2018 02:01

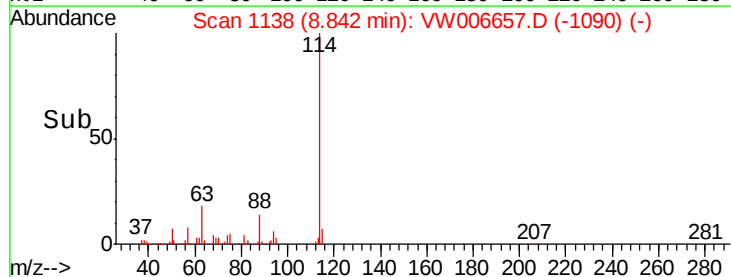
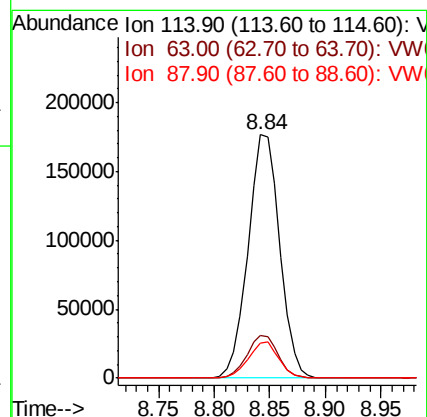
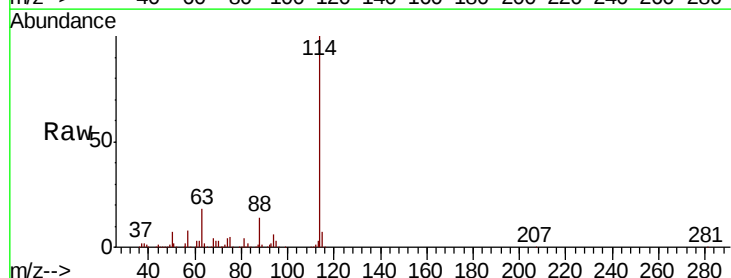
Tgt Ion: 114 Resp: 349925

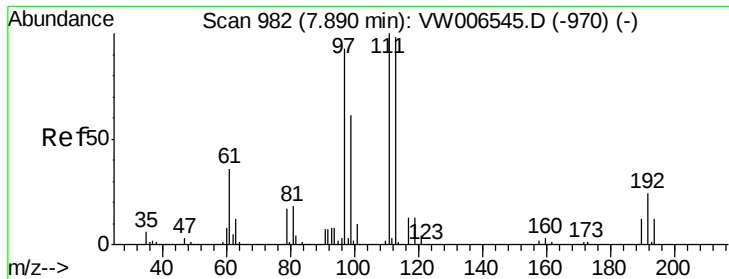
Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.4

88 14.2 0.0 29.0

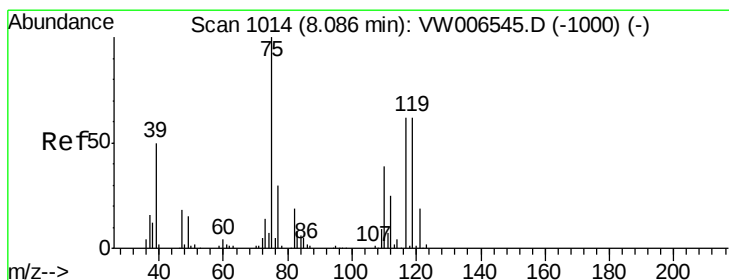
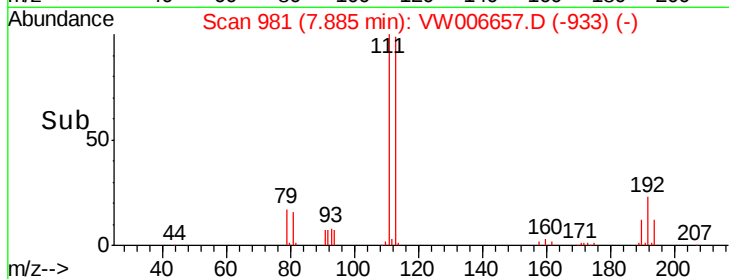
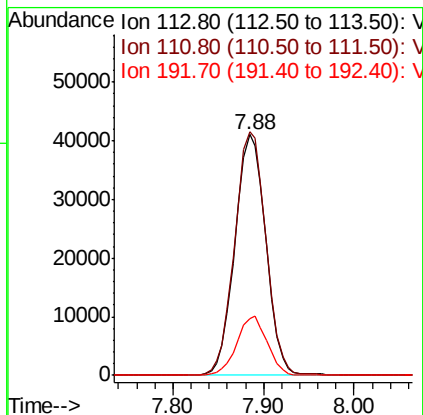
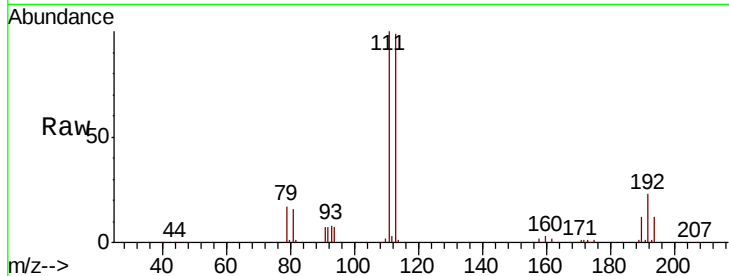




#35
 Dibromofluoromethane
 Concen: 44.192 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006657.D
 Acq: 06 Nov 2018 02:01

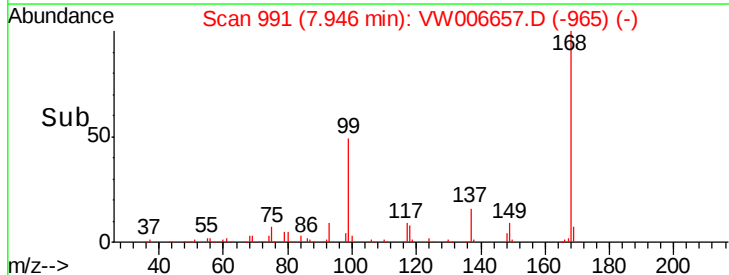
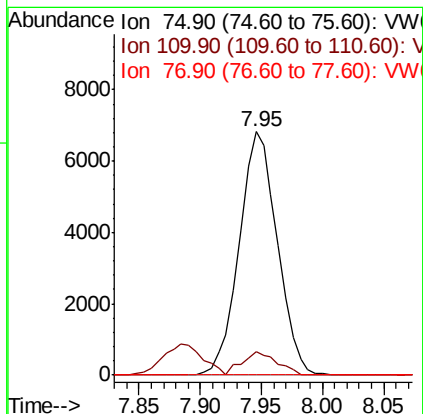
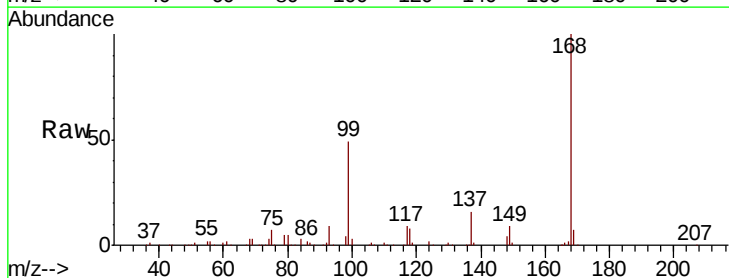
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-110218-A

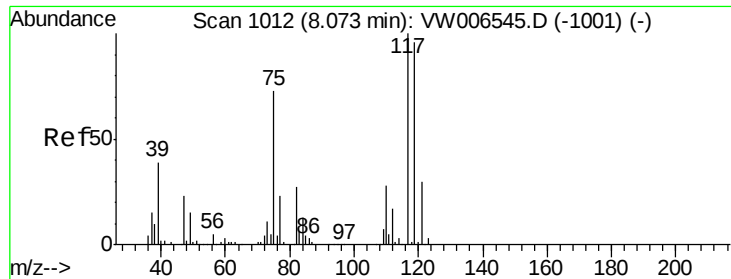
Tgt Ion:113 Resp: 97048
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.2 123.2
 192 24.0 19.0 28.6



#36
 1,1-Dichloropropene
 Concen: 4.786 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006657.D
 Acq: 06 Nov 2018 02:01

Tgt Ion: 75 Resp: 14729
 Ion Ratio Lower Upper
 75 100
 110 8.7 19.5 58.5#
 77 0.0 24.6 37.0#

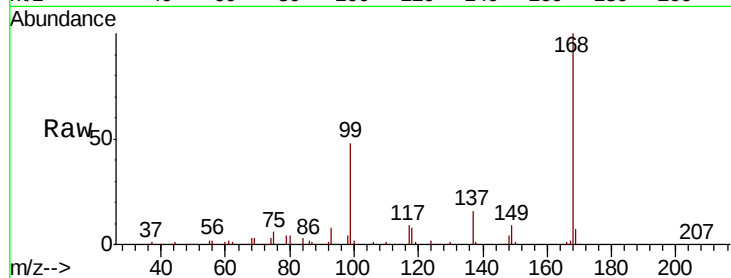




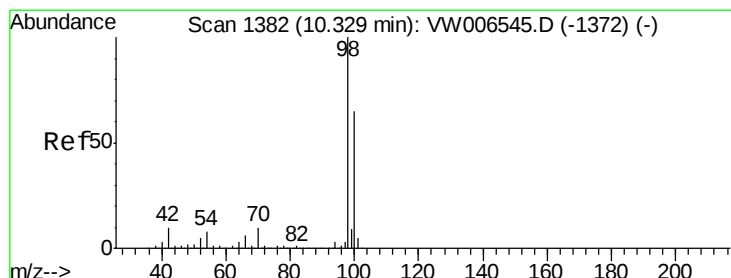
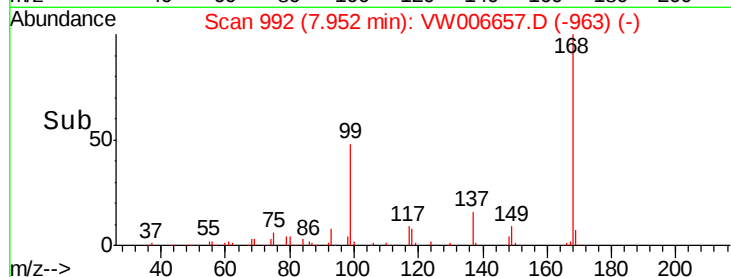
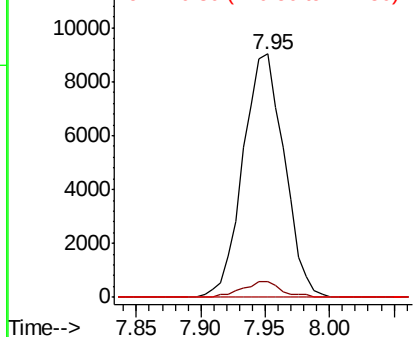
#38
Carbon Tetrachloride
Concen: 6.222 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006657.D
Acq: 06 Nov 2018 02:01

Instrument :
MSVOA_W
ClientSampleId :
JC-03-110218-A

Tgt Ion:117 Resp: 20006
Ion Ratio Lower Upper
117 100
119 6.7 76.3 114.5#
121 0.0 24.1 36.1#

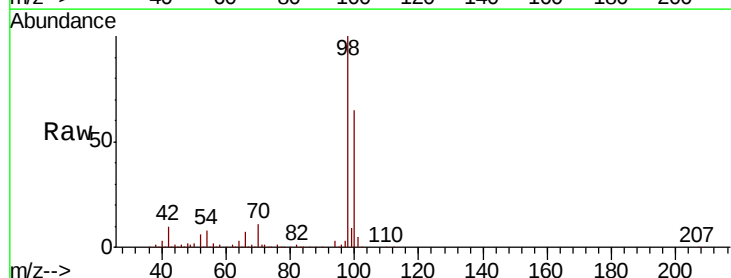


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

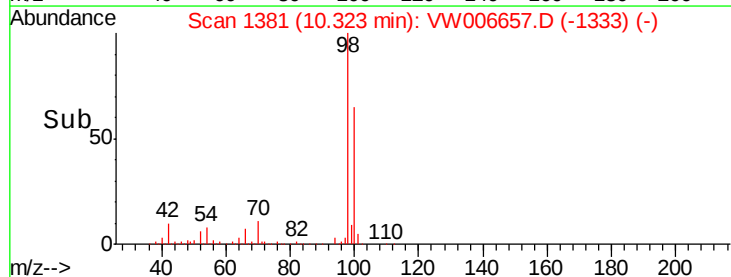
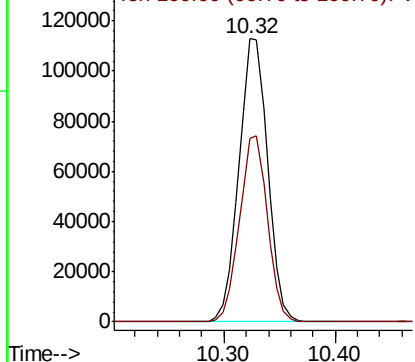


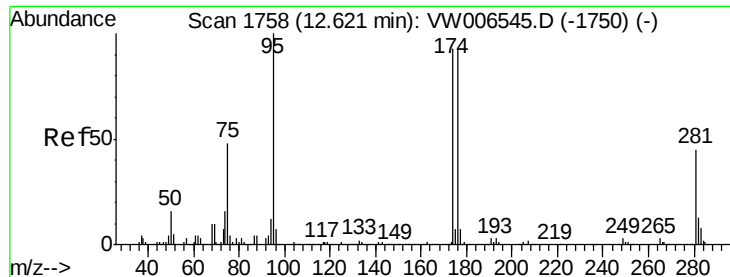
#50
Toluene-d8
Concen: 24.189 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006657.D
Acq: 06 Nov 2018 02:01

Tgt Ion: 98 Resp: 202216
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

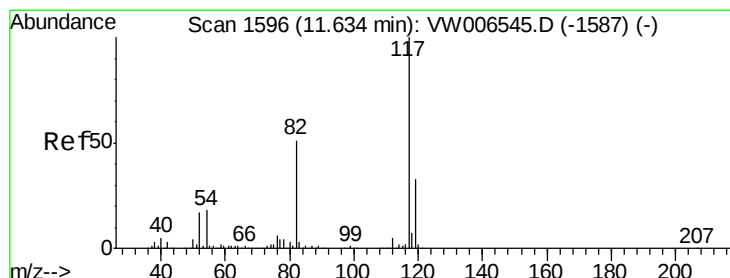
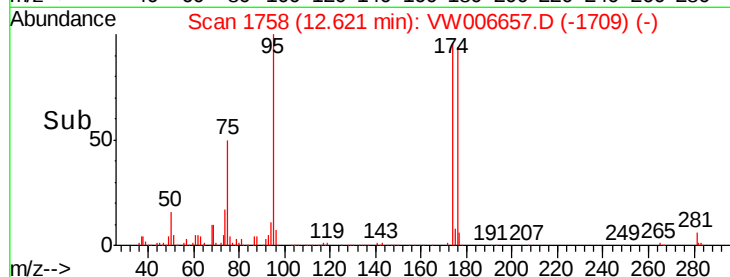
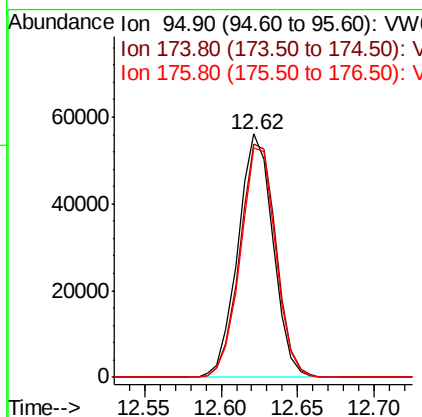
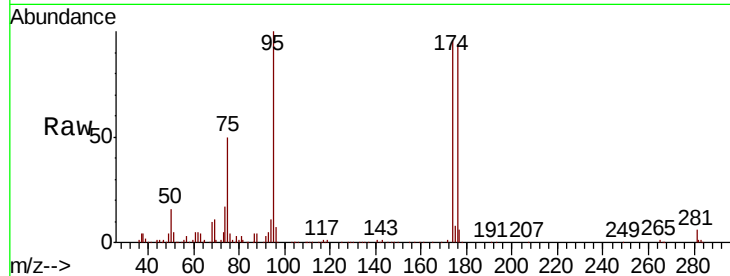




#62
4-Bromofluorobenzene
Concen: 29.455 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006657.D
Acq: 06 Nov 2018 02:01

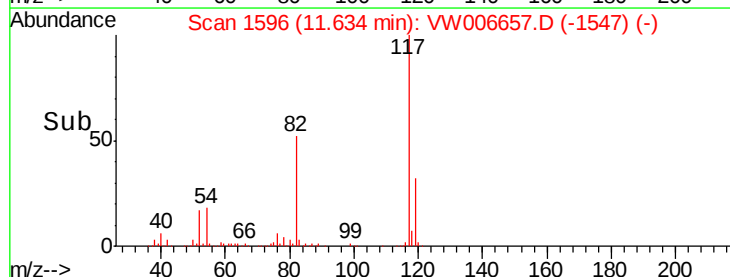
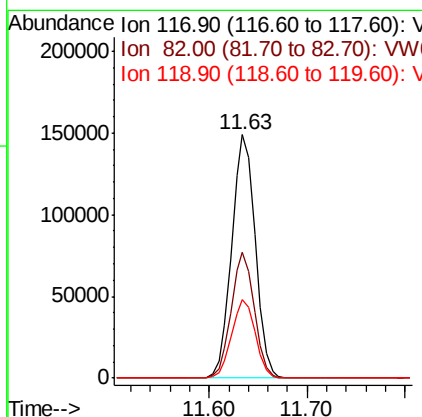
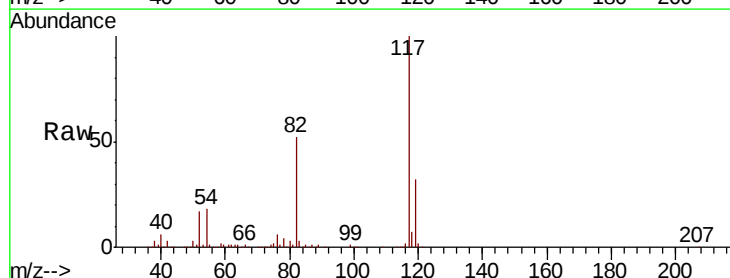
Instrument :
MSVOA_W
ClientSampleId :
JC-03-110218-A

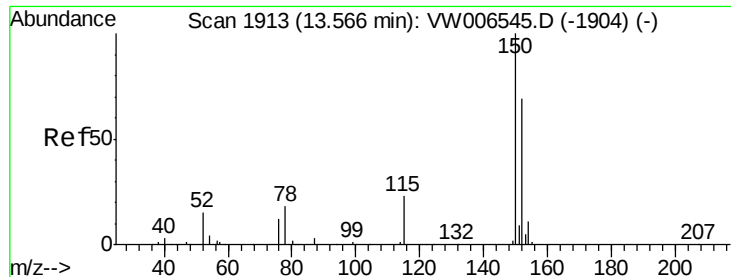
Tgt Ion: 95 Resp: 89273
Ion Ratio Lower Upper
95 100
174 99.3 0.0 192.4
176 95.2 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006657.D
Acq: 06 Nov 2018 02:01

Tgt Ion: 117 Resp: 248561
Ion Ratio Lower Upper
117 100
82 51.8 40.8 61.2
119 32.5 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: VW006657.D

Acq: 06 Nov 2018 02:01

Instrument :

MSVOA_W

ClientSampleId :

JC-03-110218-A

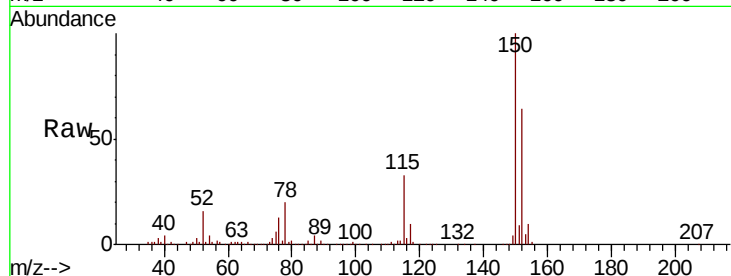
Tgt Ion:152 Resp: 122661

Ion Ratio Lower Upper

152 100

115 52.6 26.6 79.8

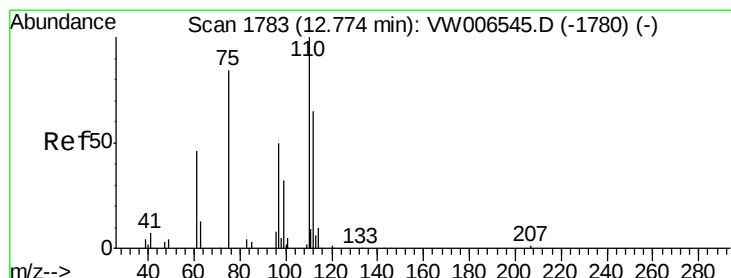
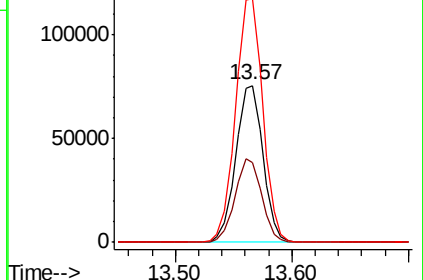
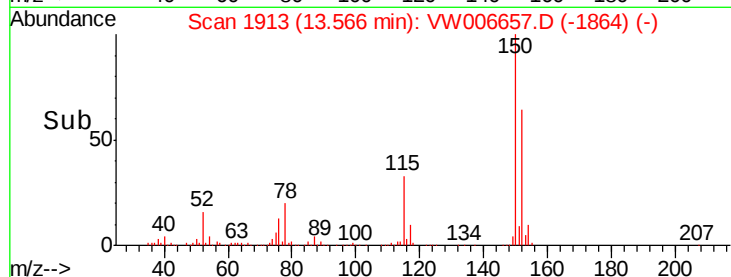
150 156.2 0.0 344.6



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: 45.776 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006657.D

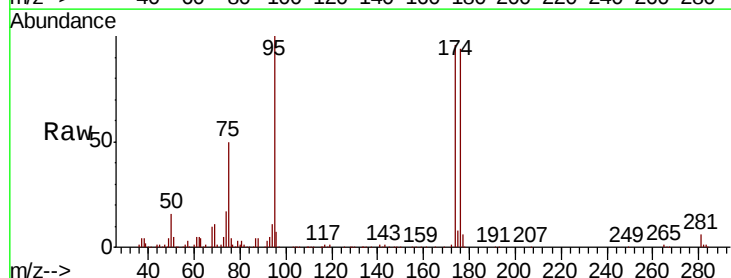
Acq: 06 Nov 2018 02:01

Tgt Ion: 75 Resp: 43809

Ion Ratio Lower Upper

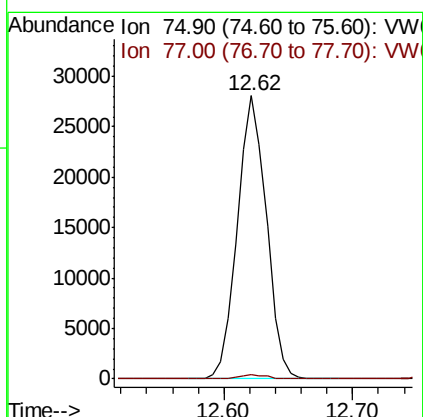
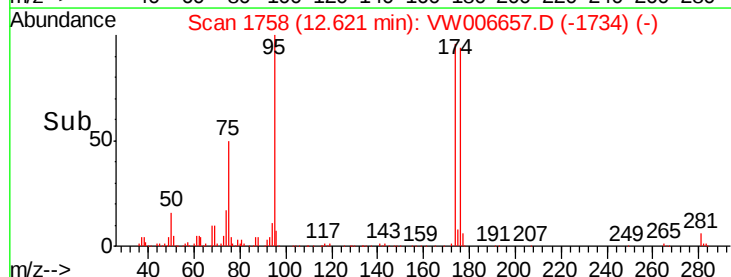
75 100

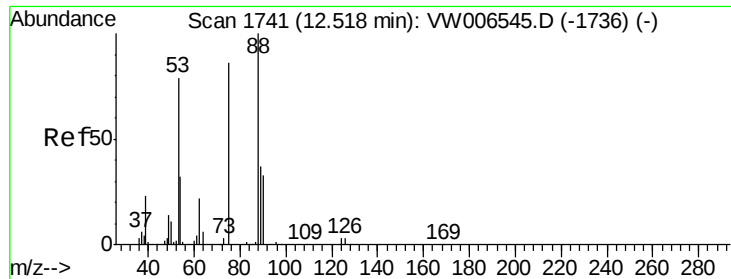
77 1.4 0.0 0.0#



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: 114.898 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006657.D

Acq: 06 Nov 2018 02:01

Instrument :

MSVOA_W

ClientSampleId :

JC-03-110218-A

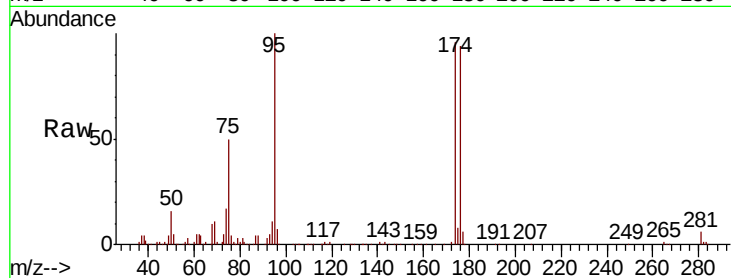
Tgt Ion: 75 Resp: 43809

Ion Ratio Lower Upper

75 100

53 0.1 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

