

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110518\
 Data File : VW006658.D
 Acq On : 06 Nov 2018 02:27
 Operator : SY/AP
 Sample : J5764-03
 Misc : 5.09G/5ML/MSVOA_W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

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

Quant Time: Nov 06 03:35:46 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

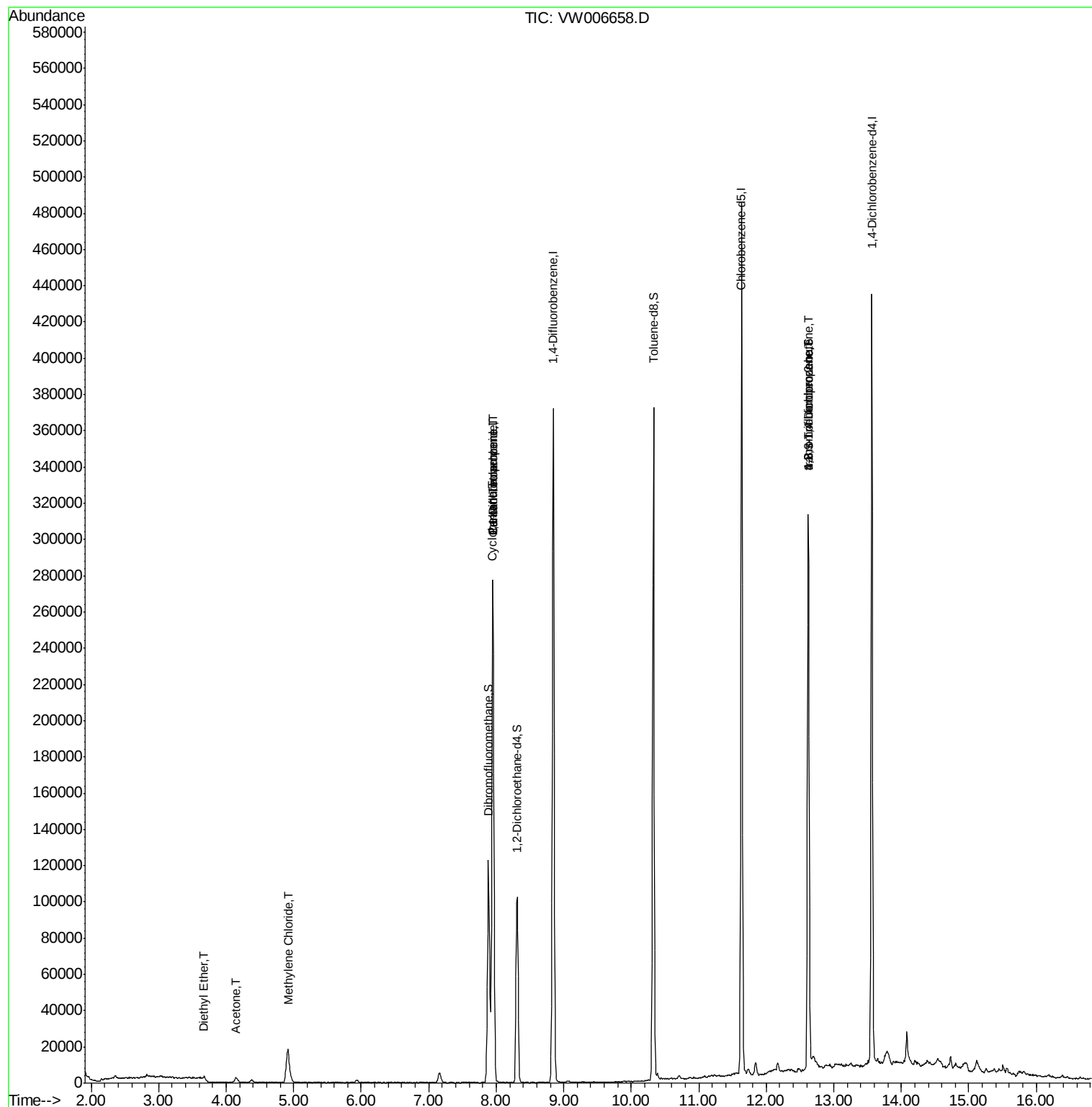
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	226611	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	334469	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	282540	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	125078	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	82924	42.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.14%	
35) Dibromofluoromethane	7.88	113	86507	41.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.42%	
50) Toluene-d8	10.33	98	259410	32.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.92%	
62) 4-Bromofluorobenzene	12.62	95	92776	32.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.06%	
Target Compounds						
8) Diethyl Ether	3.68	74	1485	1.516	ug/l	73
16) Acetone	4.14	43	5757	18.306	ug/l	95
20) Methylene Chloride	4.92	84	16574	2.452	ug/l	94
31) Cyclohexane	7.94	56	3564	1.149	ug/l #	22
36) 1,1-Dichloropropene	7.95	75	14562	4.951	ug/l #	48
38) Carbon Tetrachloride	7.95	117	19610	6.380	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	45521	46.645	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	45521	117.031	ug/l #	11

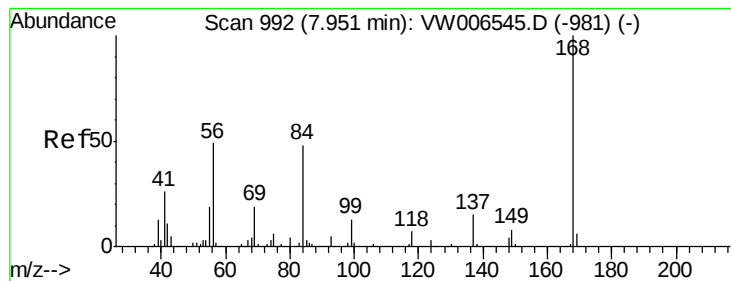
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006658.D

Acq: 06 Nov 2018 02:27

Instrument :

MSVOA_W

ClientSampleId :

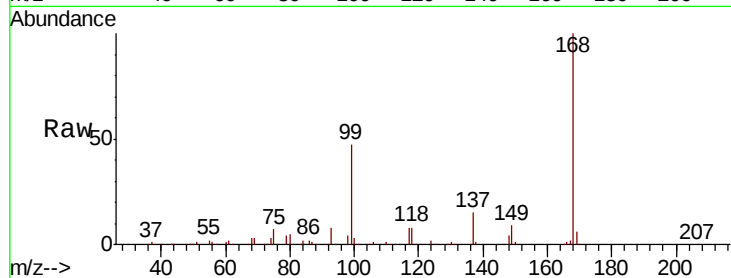
JC-03-110218-B

Tgt Ion:168 Resp: 226611

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

120000

100000

80000

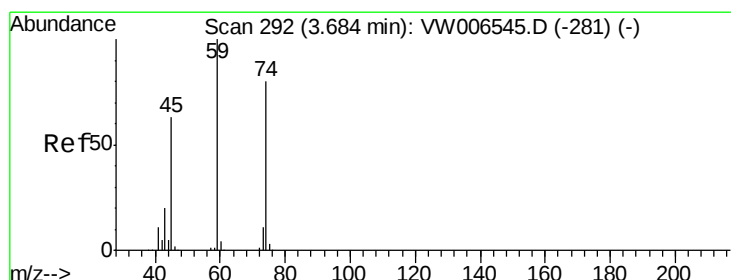
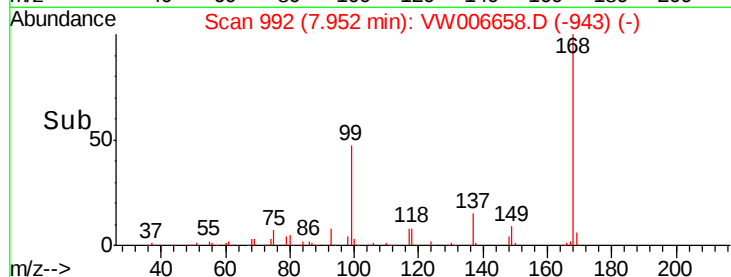
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 1.516 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006658.D

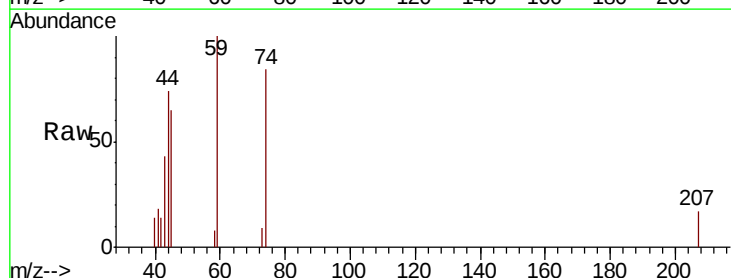
Acq: 06 Nov 2018 02:27

Tgt Ion: 74 Resp: 1485

Ion Ratio Lower Upper

74 100

45 106.3 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

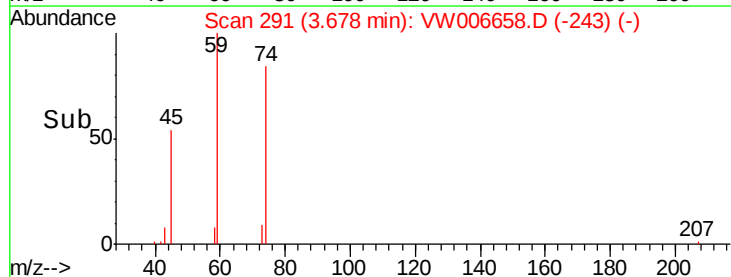
600

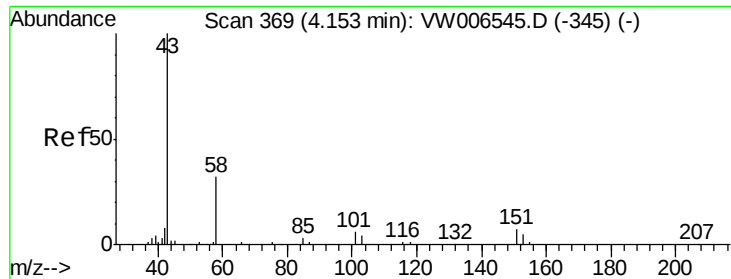
400

200

0

Time--> 3.60 3.65 3.70 3.75





#16

Acetone

Concen: 18.306 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006658.D

Acq: 06 Nov 2018 02:27

Instrument :

MSVOA_W

ClientSampleId :

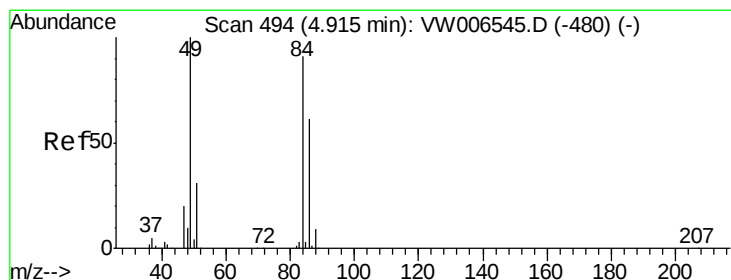
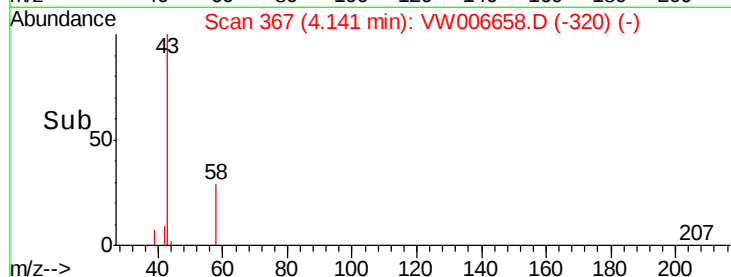
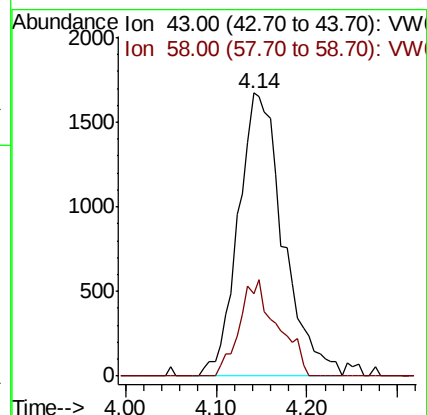
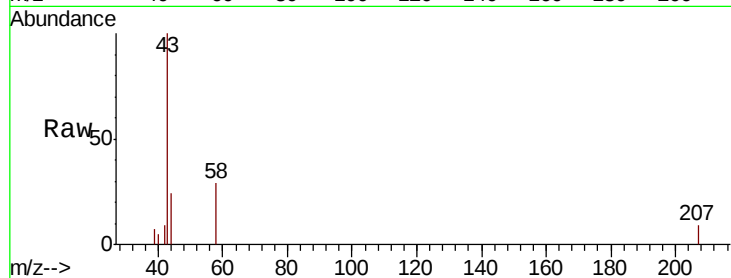
JC-03-110218-B

Tgt Ion: 43 Resp: 5757

Ion Ratio Lower Upper

43 100

58 29.3 25.8 38.8



#20

Methylene Chloride

Concen: 2.452 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006658.D

Acq: 06 Nov 2018 02:27

Tgt Ion: 84 Resp: 16574

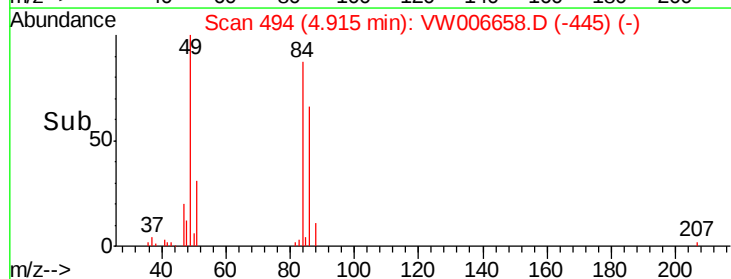
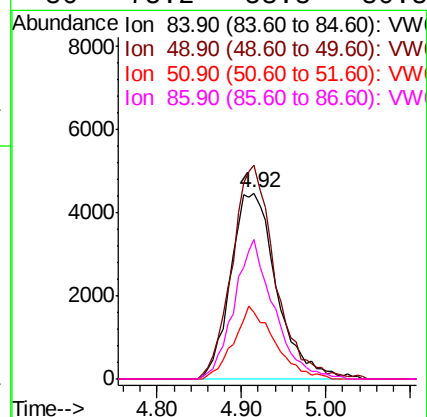
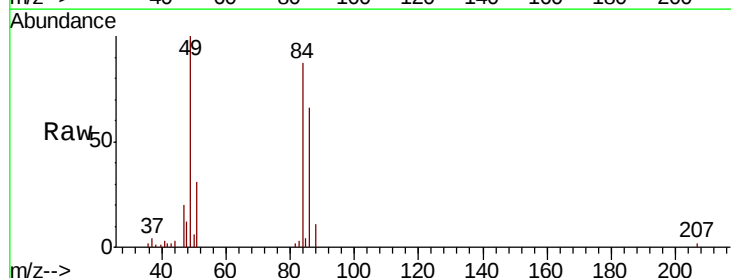
Ion Ratio Lower Upper

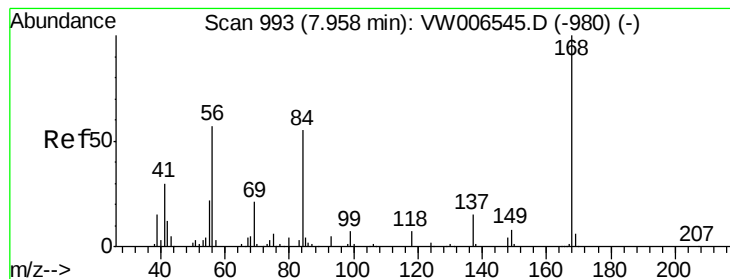
84 100

49 114.7 88.2 132.4

51 35.7 27.0 40.6

86 75.2 53.8 80.8





#31

Cyclohexane

Concen: 1.149 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.02 min

Lab File: VW006658.D

Acq: 06 Nov 2018 02:27

Instrument :

MSVOA_W

ClientSampleId :

JC-03-110218-B

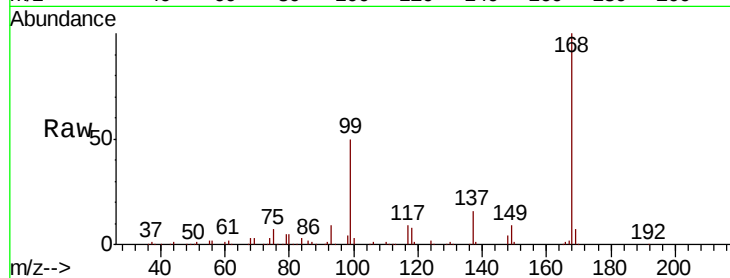
Tgt Ion: 56 Resp: 3564

Ion Ratio Lower Upper

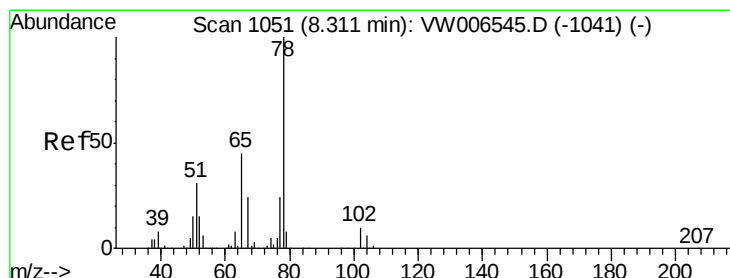
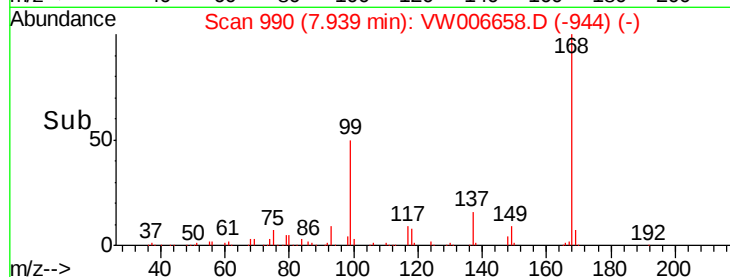
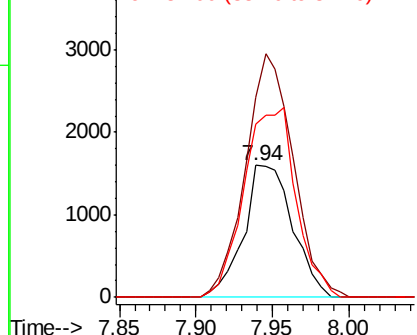
56 100

69 151.7 29.0 43.4#

84 130.9 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: 42.570 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006658.D

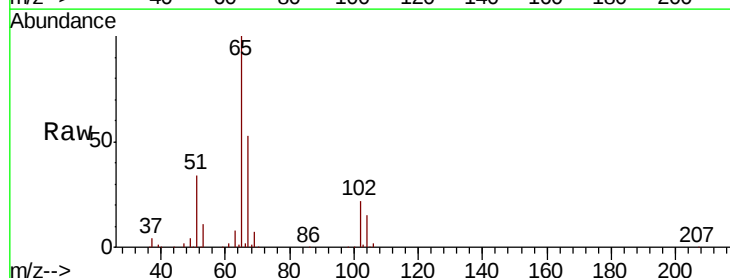
Acq: 06 Nov 2018 02:27

Tgt Ion: 65 Resp: 82924

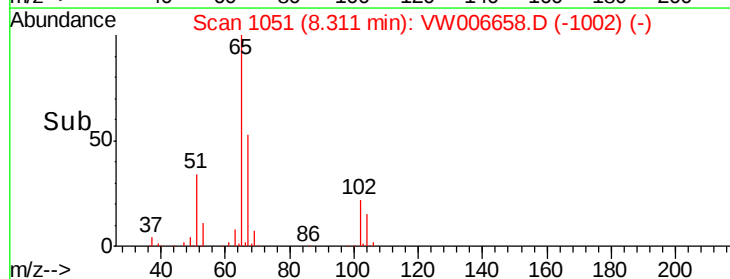
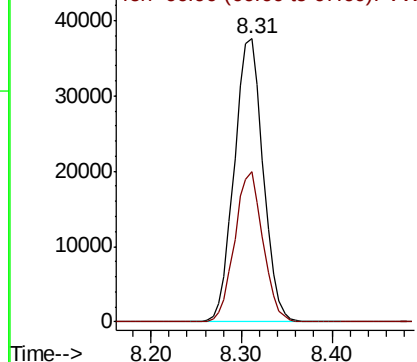
Ion Ratio Lower Upper

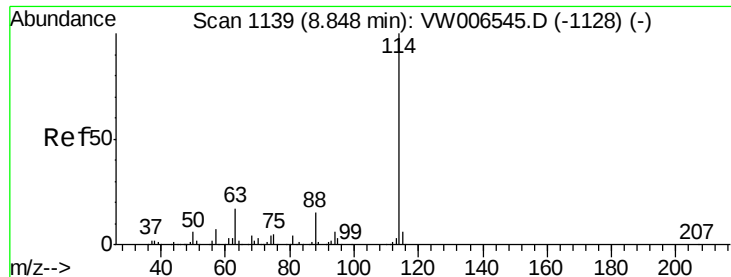
65 100

67 52.0 0.0 104.4



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

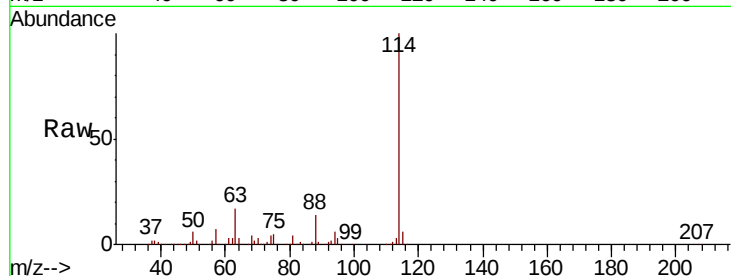




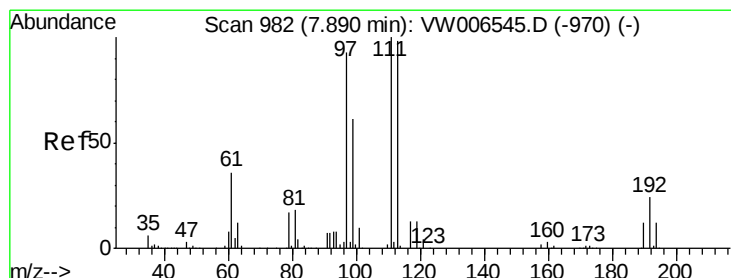
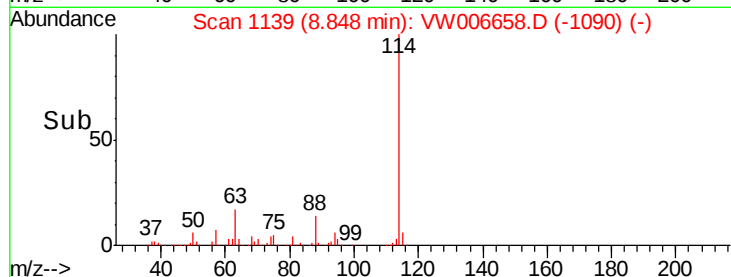
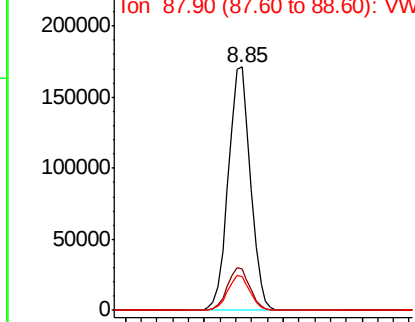
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006658.D
 Acq: 06 Nov 2018 02:27

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

Tgt Ion	Ratio	Lower	Upper
114	100		
63	16.8	0.0	34.4
88	14.0	0.0	29.0

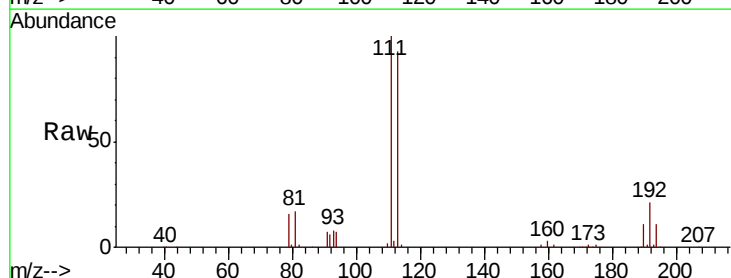


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

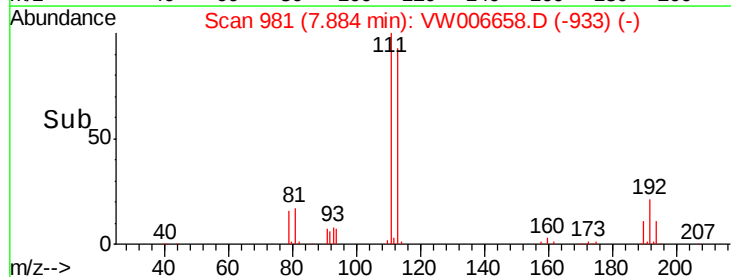
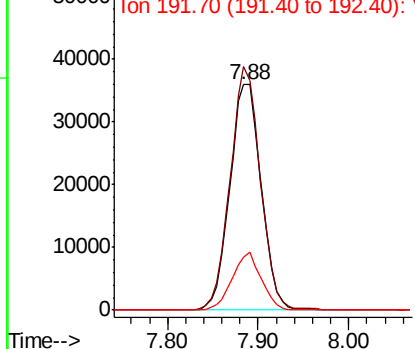


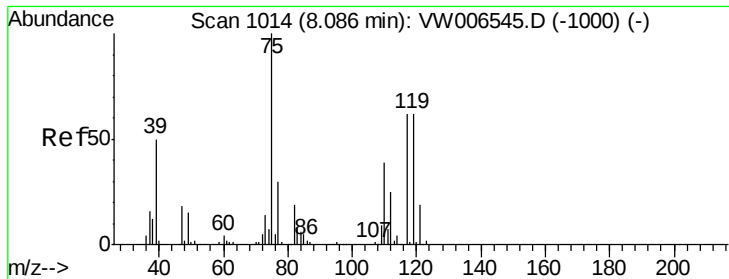
#35
 Dibromofluoromethane
 Concen: 41.212 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006658.D
 Acq: 06 Nov 2018 02:27

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.2	123.2
192	23.5	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

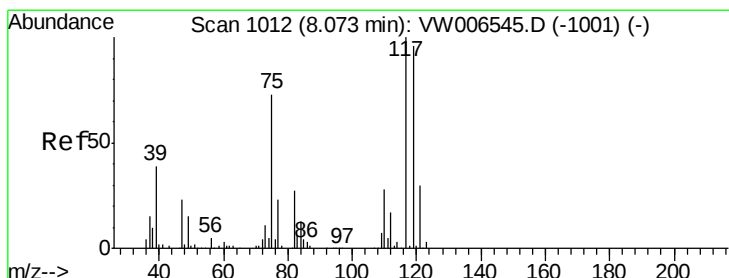
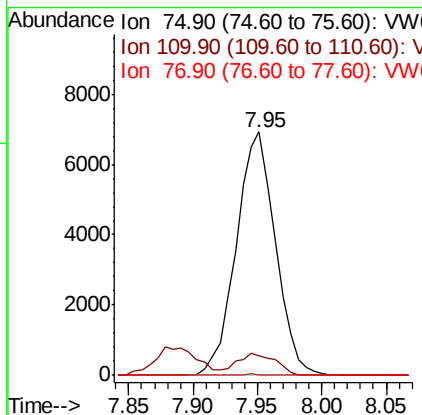
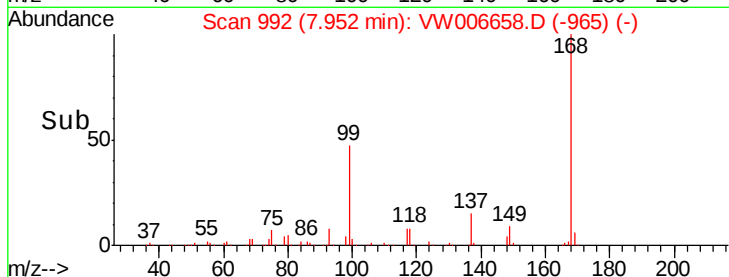
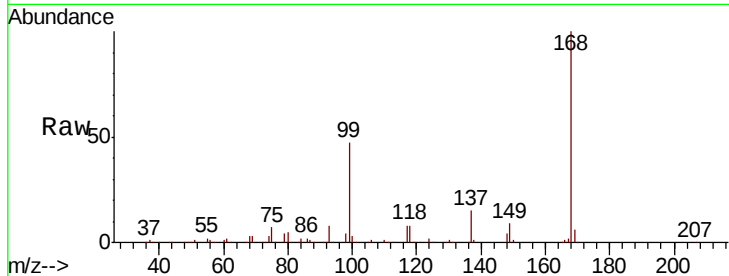




#36
 1,1-Dichloropropene
 Concen: 4.951 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006658.D
 Acq: 06 Nov 2018 02:27

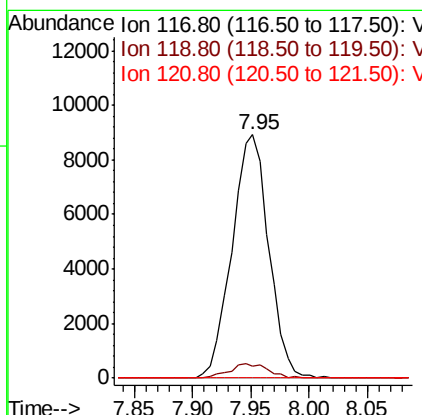
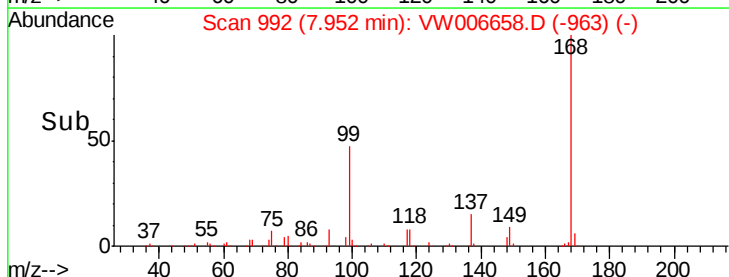
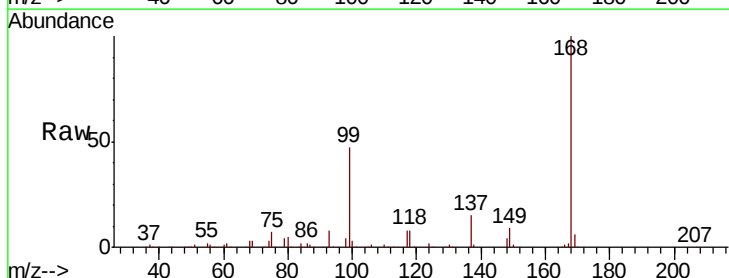
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-110218-B

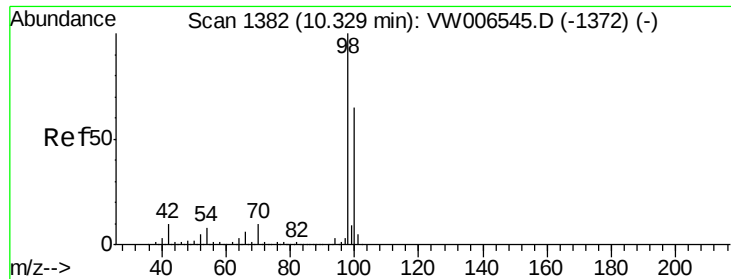
Tgt Ion: 75 Resp: 14562
 Ion Ratio Lower Upper
 75 100
 110 8.7 19.5 58.5#
 77 0.2 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 6.380 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006658.D
 Acq: 06 Nov 2018 02:27

Tgt Ion: 117 Resp: 19610
 Ion Ratio Lower Upper
 117 100
 119 5.0 76.3 114.5#
 121 0.0 24.1 36.1#





#50

Toluene-d8

Concen: 32.464 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006658.D

Acq: 06 Nov 2018 02:27

Instrument :

MSVOA_W

ClientSampleId :

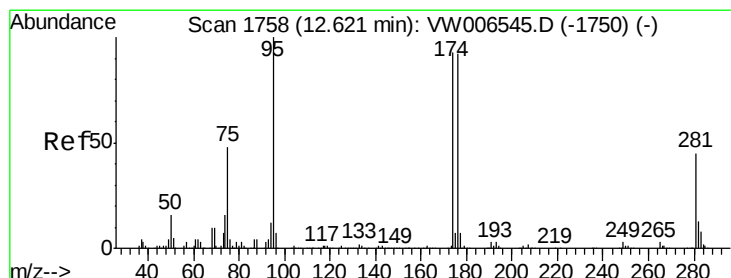
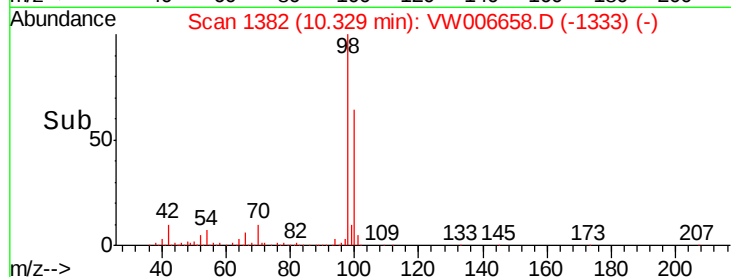
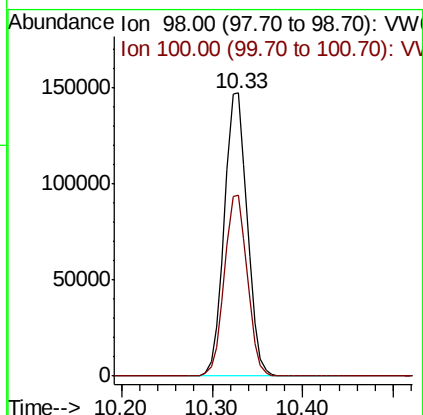
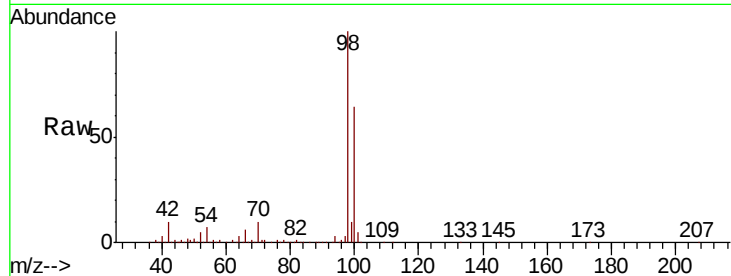
JC-03-110218-B

Tgt Ion: 98 Resp: 259410

Ion Ratio Lower Upper

98 100

100 63.8 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 32.025 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006658.D

Acq: 06 Nov 2018 02:27

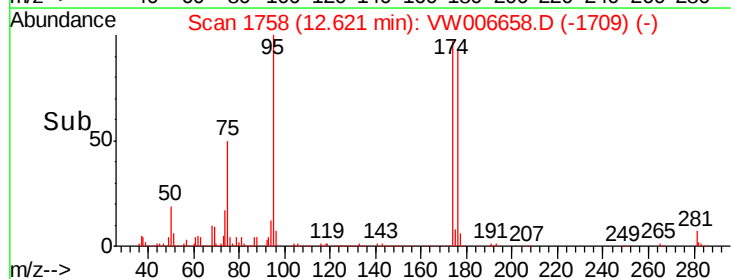
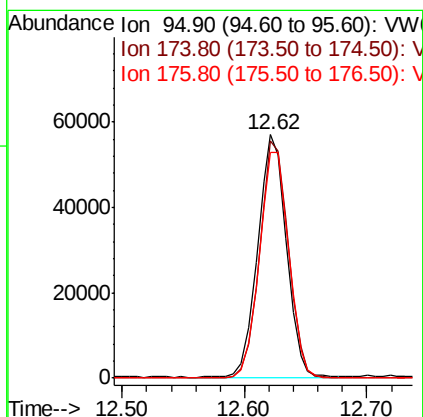
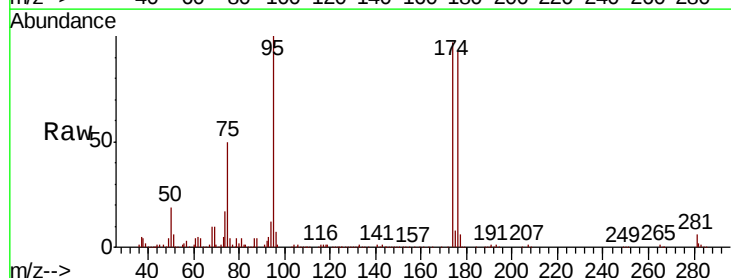
Tgt Ion: 95 Resp: 92776

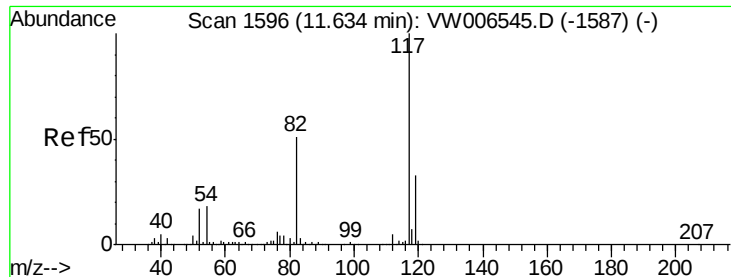
Ion Ratio Lower Upper

95 100

174 97.7 0.0 192.4

176 95.8 0.0 187.4

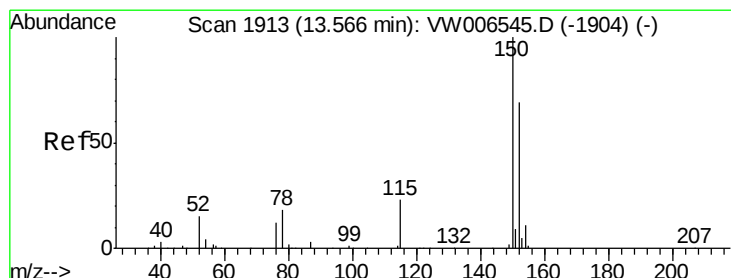
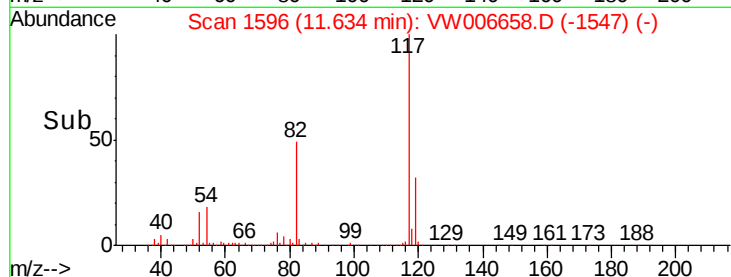
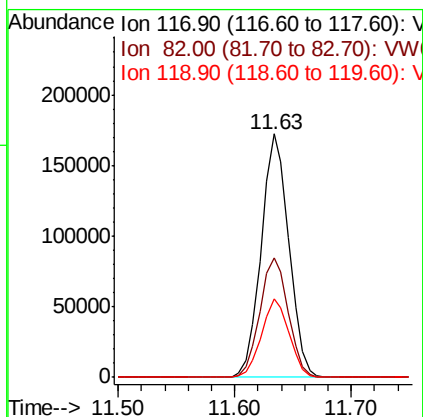
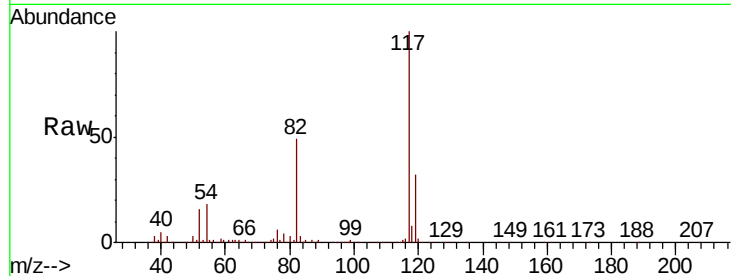




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006658.D
Acq: 06 Nov 2018 02:27

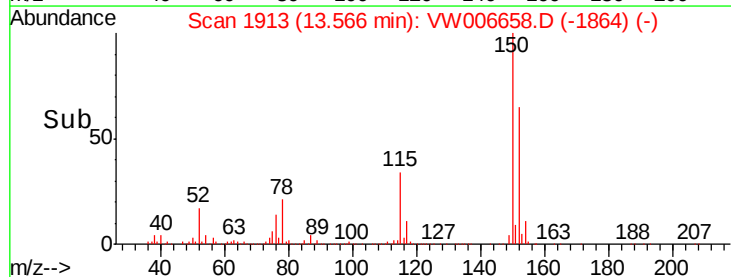
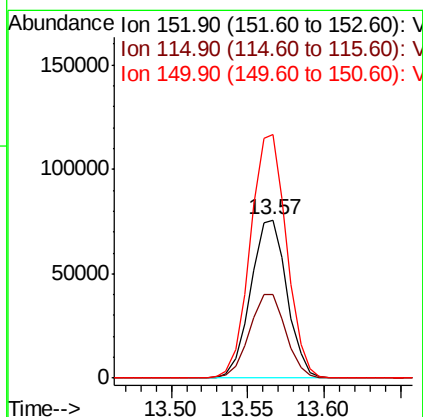
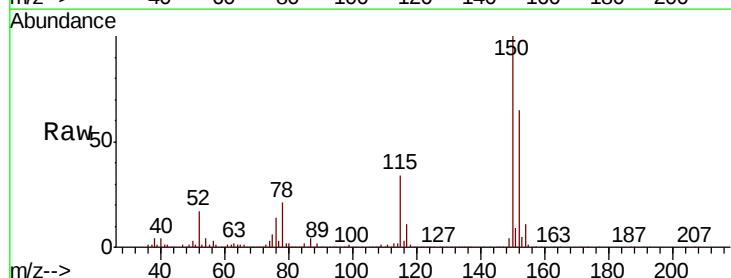
Instrument :
MSVOA_W
ClientSampleId :
JC-03-110218-B

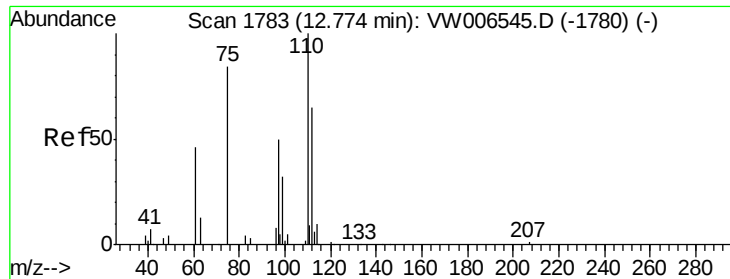
Tgt Ion:117 Resp: 282540
Ion Ratio Lower Upper
117 100
82 49.1 40.8 61.2
119 32.0 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006658.D
Acq: 06 Nov 2018 02:27

Tgt Ion:152 Resp: 125078
Ion Ratio Lower Upper
152 100
115 53.1 26.6 79.8
150 154.0 0.0 344.6

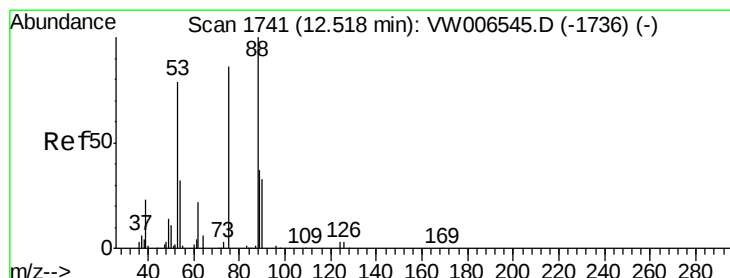
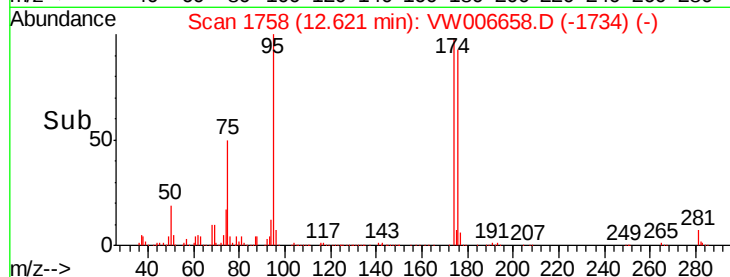
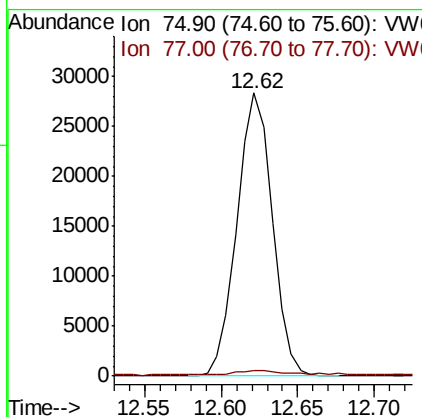
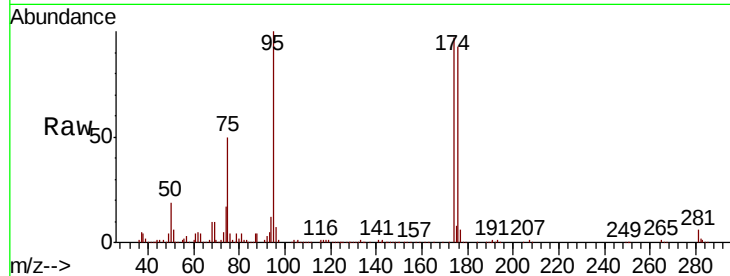




#76
 1,2,3-Trichloropropane
 Concen: 46.645 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006658.D
 Acq: 06 Nov 2018 02:27

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

Tgt Ion: 75 Resp: 45521
 Ion Ratio Lower Upper
 75 100
 77 2.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 117.031 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW006658.D
 Acq: 06 Nov 2018 02:27

Tgt Ion: 75 Resp: 45521
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.2 115.8#
 89 0.0 38.6 58.0#

