

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122118\
 Data File : VW007732.D
 Acq On : 20 Dec 2018 07:41
 Operator : SY/AP
 Sample : J6379-08RE
 Misc : 5.56G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 20 10:10:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

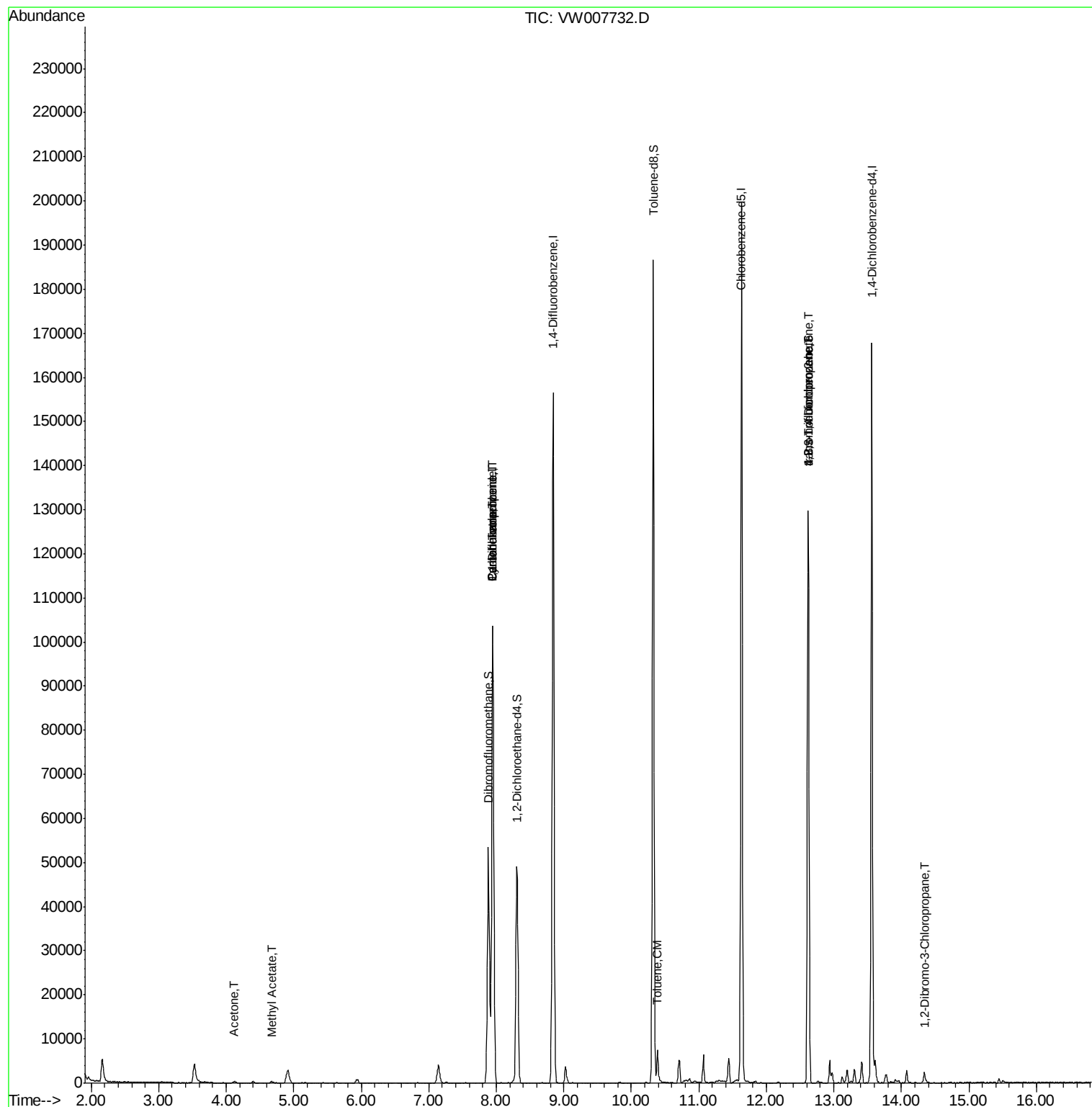
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	76537	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	133036	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	109842	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	44164	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	40232	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
35) Dibromofluoromethane	7.88	113	37542	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	
50) Toluene-d8	10.32	98	126927	41.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.98%	
62) 4-Bromofluorobenzene	12.62	95	42700	36.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.26%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	788	5.016	ug/l	100
18) Methyl Acetate	4.67	43	912	2.441	ug/l #	60
20) Methylene Chloride	4.92	84	2493	Below Cal		93
31) Cyclohexane	7.95	56	1515	1.213	ug/l #	10
36) 1,1-Dichloropropene	7.95	75	5651	4.401	ug/l #	49
38) Carbon Tetrachloride	7.95	117	8301	5.489	ug/l #	15
52) Toluene	10.39	92	3037	1.321	ug/l	90
76) 1,2,3-Trichloropropane	12.62	75	22196	65.025	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	22196	136.492	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.33	75	131	1.274	ug/l #	3

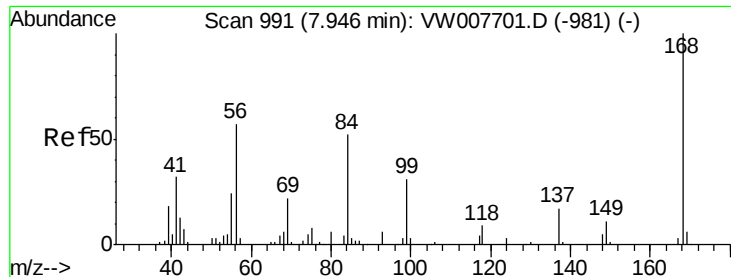
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122118\
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Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW007732.D

Acq: 20 Dec 2018 07:41

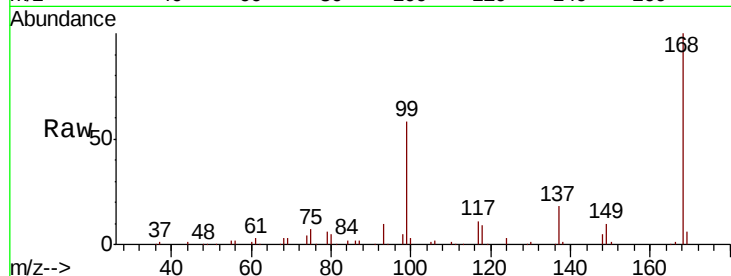
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 76537

Ion Ratio Lower Upper

168 100

99 58.0 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): VW007701.D (-981) (-)

Ion 98.90 (98.60 to 99.60): VW007701.D (-981) (-)

7.95

40000

30000

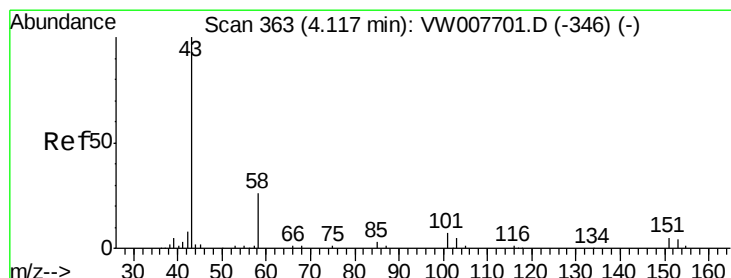
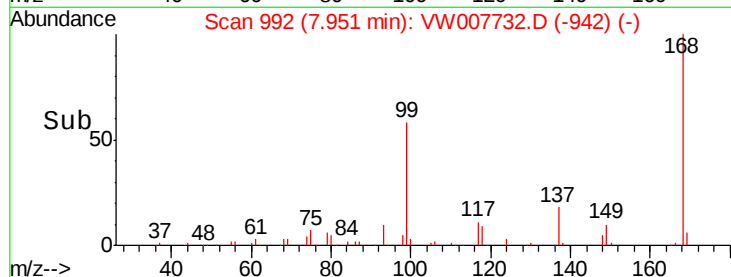
20000

10000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 5.016 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007732.D

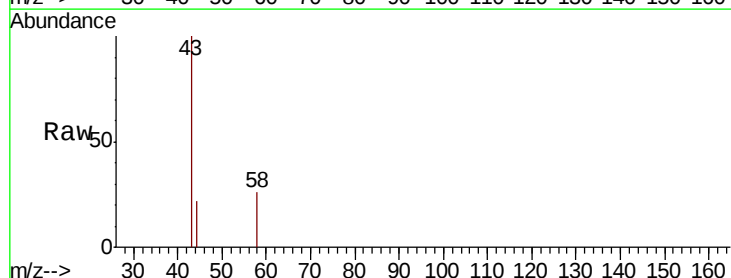
Acq: 20 Dec 2018 07:41

Tgt Ion: 43 Resp: 788

Ion Ratio Lower Upper

43 100

58 26.4 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW007701.D (-346) (-)

Ion 58.00 (57.70 to 58.70): VW007701.D (-346) (-)

4.12

400

300

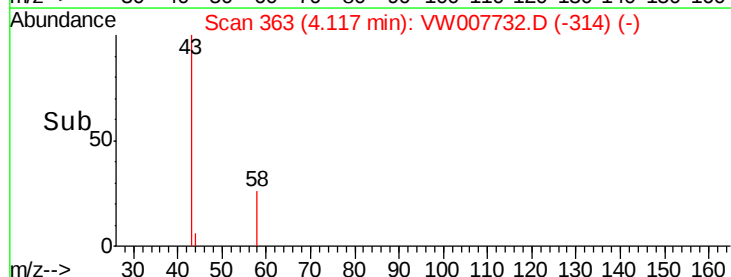
200

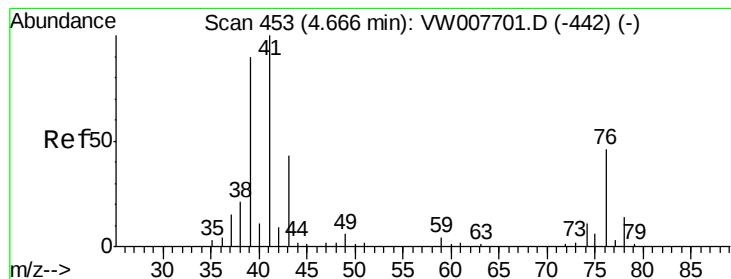
100

0

4.05 4.10 4.15 4.20

Time-->





#18

Methyl Acetate

Concen: 2.441 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW007732.D

Acq: 20 Dec 2018 07:41

Instrument :

MSVOA_W

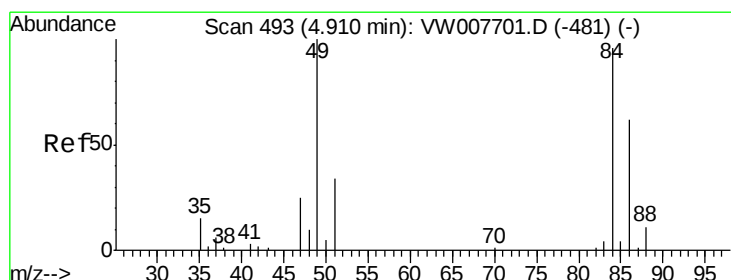
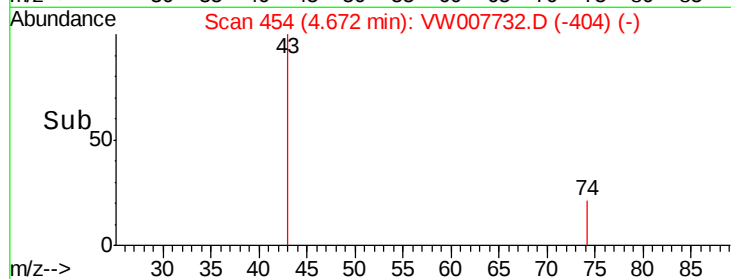
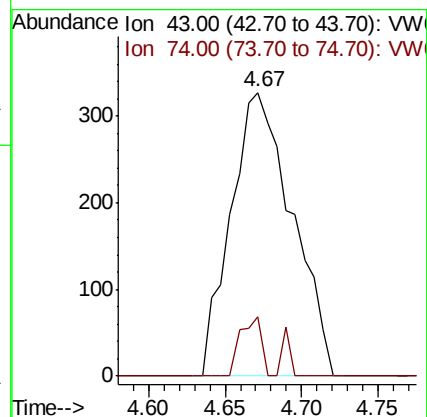
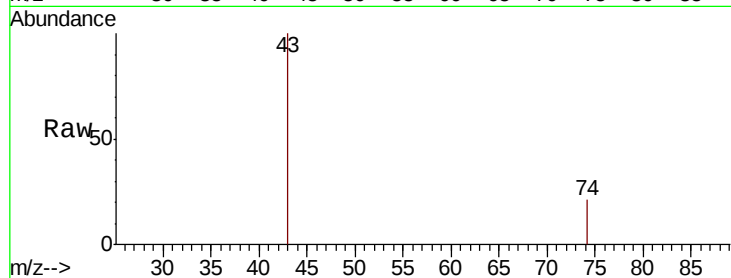
ClientSampleId :

Tot Ion: 43 Resp: 912

Ion Ratio Lower Upper

43 100

74 7.0 22.7 34.1#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW007732.D

Acq: 20 Dec 2018 07:41

Tgt Ion: 84 Resp: 2493

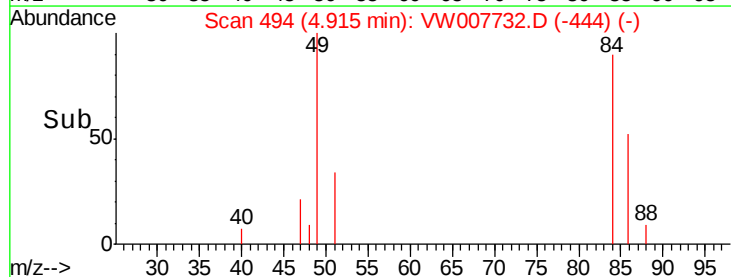
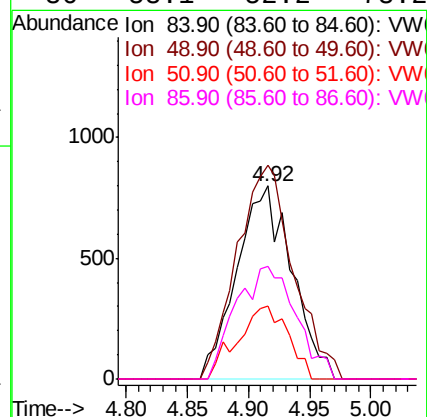
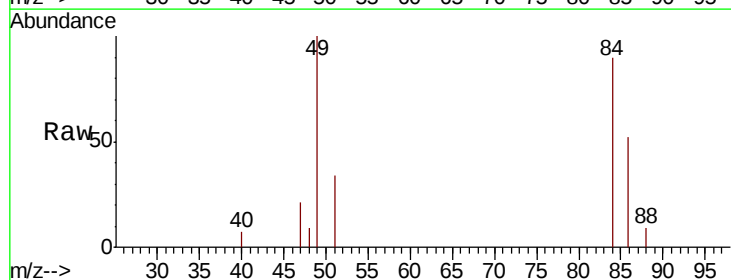
Ion Ratio Lower Upper

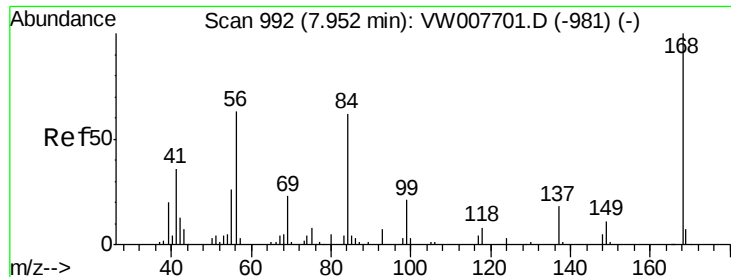
84 100

49 110.8 83.7 125.5

51 37.9 28.2 42.2

86 58.1 52.2 78.2

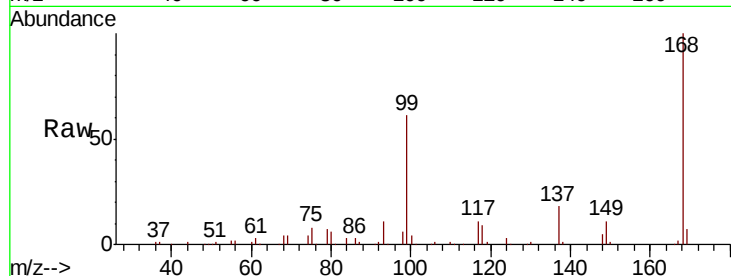




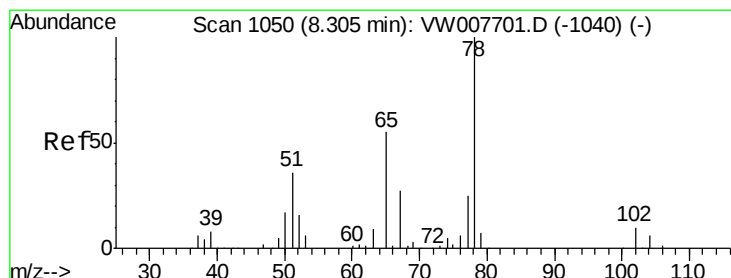
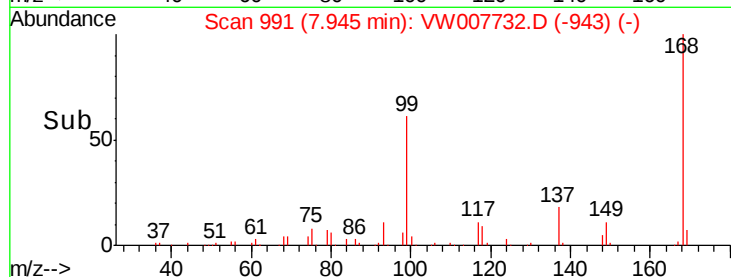
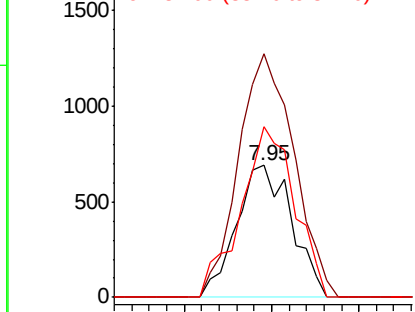
#31
Cyclohexane
Concen: 1.213 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007732.D
Acq: 20 Dec 2018 07:41

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 1515
Ion Ratio Lower Upper
56 100
69 184.4 29.7 44.5#
84 128.8 78.9 118.3#

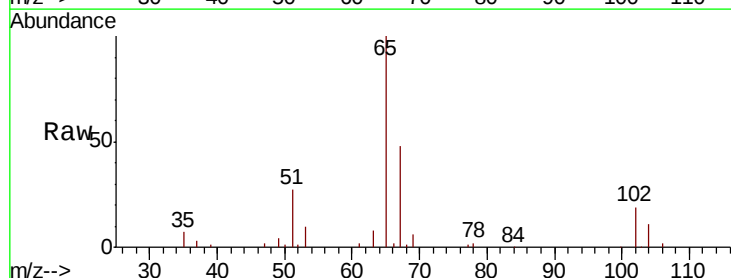


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

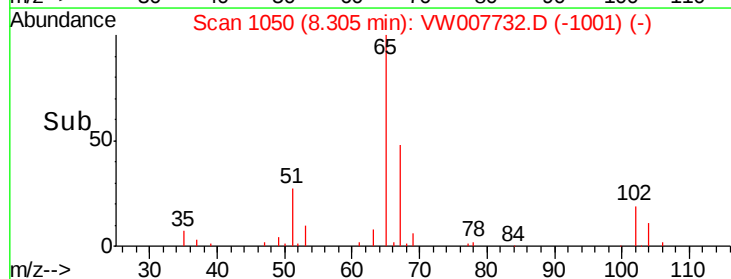
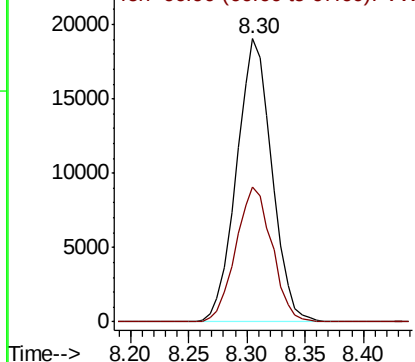


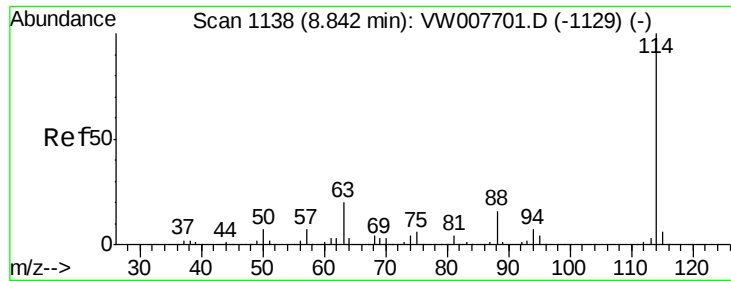
#33
1,2-Dichloroethane-d4
Concen: 47.959 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007732.D
Acq: 20 Dec 2018 07:41

Tgt Ion: 65 Resp: 40232
Ion Ratio Lower Upper
65 100
67 48.7 0.0 100.6



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

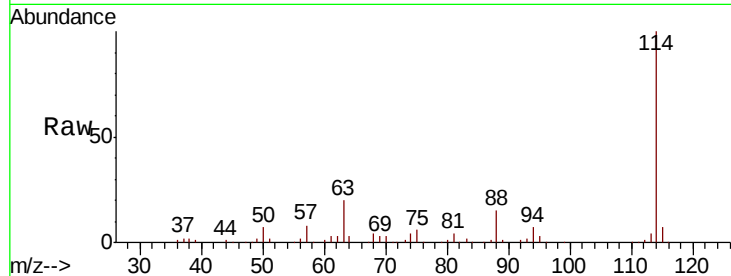




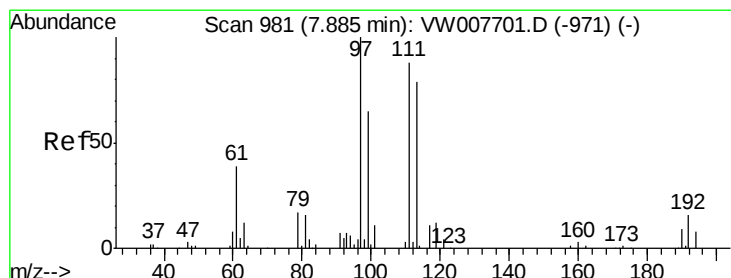
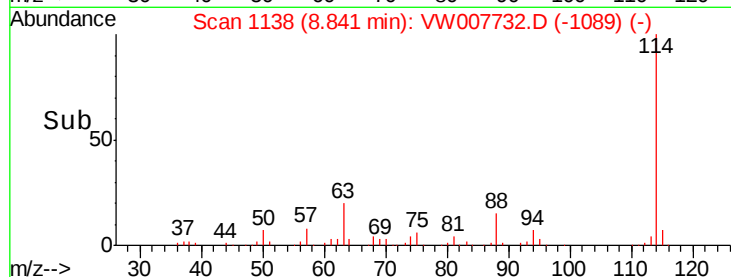
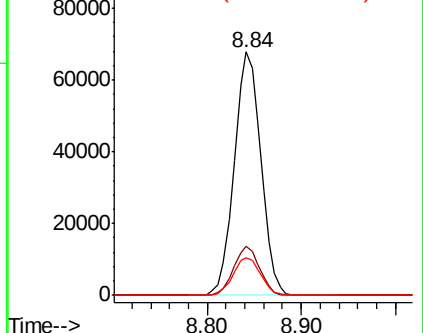
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007732.D
 Acq: 20 Dec 2018 07:41

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:114 Resp: 133036
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.0
 88 15.4 0.0 32.6

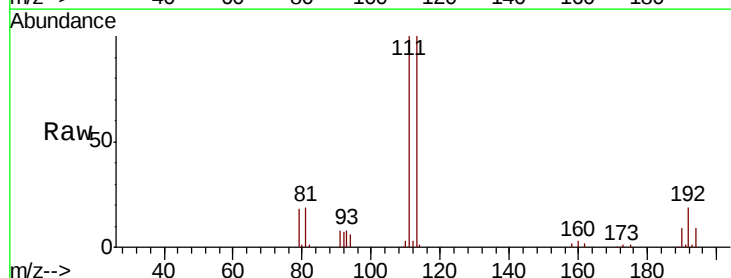


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

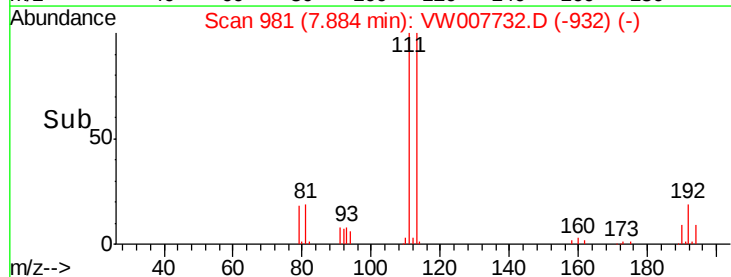
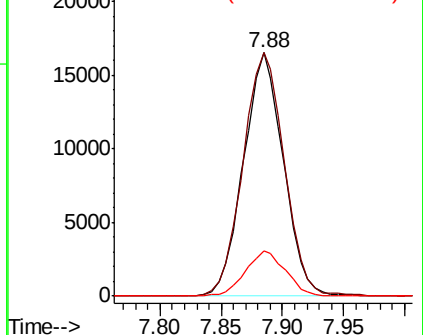


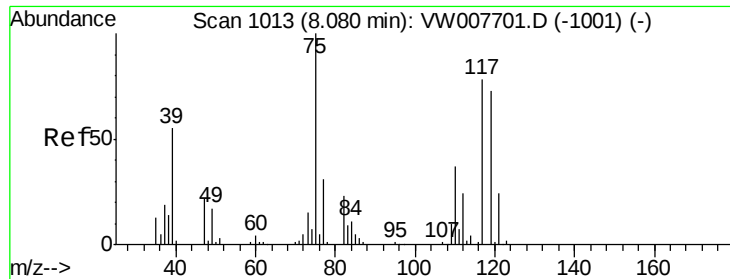
#35
 Dibromofluoromethane
 Concen: 46.258 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007732.D
 Acq: 20 Dec 2018 07:41

Tgt Ion:113 Resp: 37542
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.6 124.0
 192 18.6 15.5 23.3



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

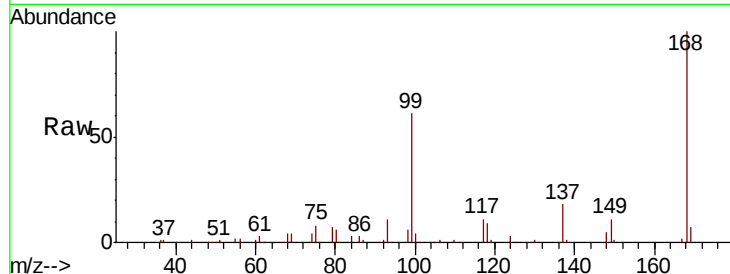




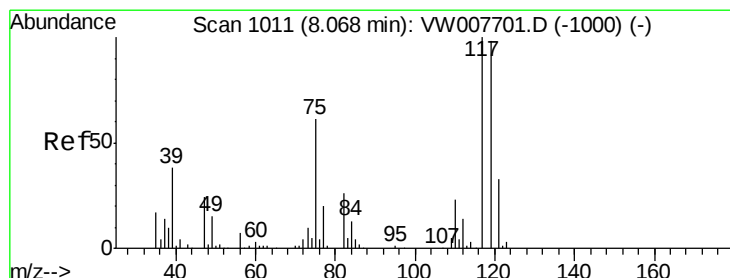
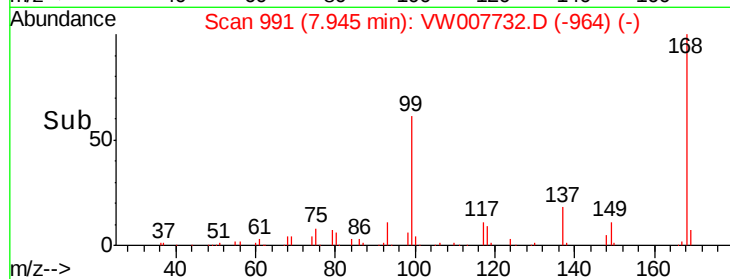
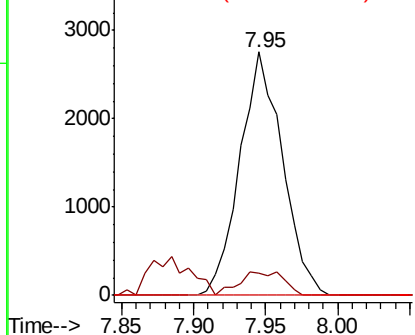
#36
 1,1-Dichloropropene
 Concen: 4.401 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007732.D
 Acq: 20 Dec 2018 07:41

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	10.1	18.6	55.8#
77	0.0	25.0	37.4#

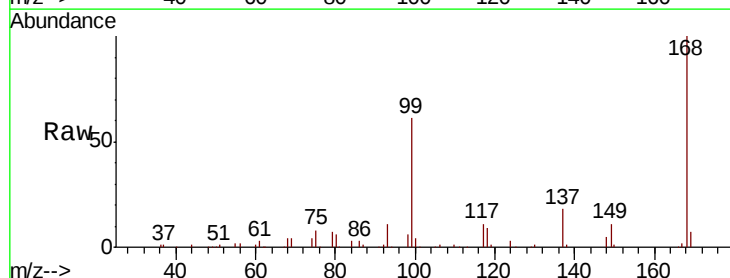


Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

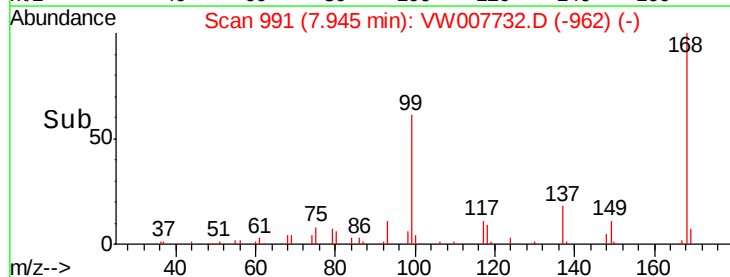
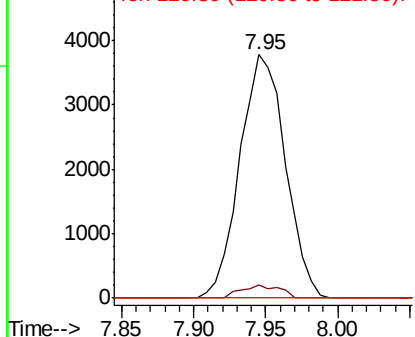


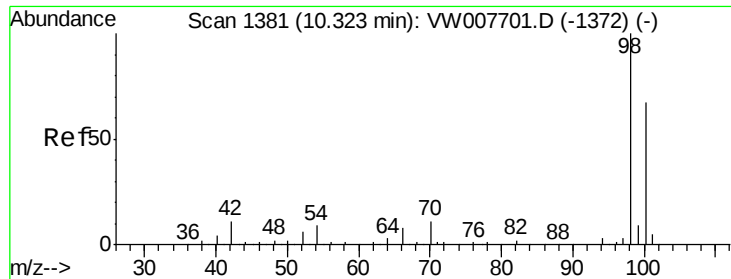
#38
 Carbon Tetrachloride
 Concen: 5.489 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW007732.D
 Acq: 20 Dec 2018 07:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	78.2	117.2#
121	0.0	26.1	39.1#



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: 41.485 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007732.D

Acq: 20 Dec 2018 07:41

Instrument :

MSVOA_W

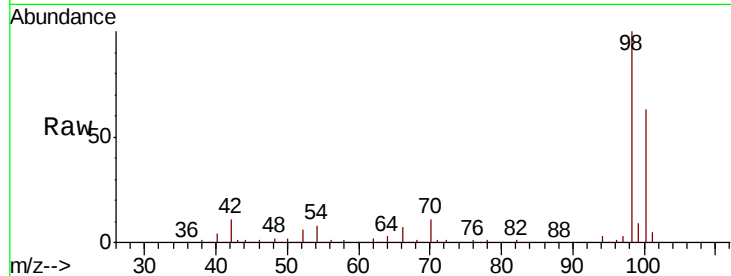
ClientSampleId :

Tot Ion: 98 Resp: 126927

Ion Ratio Lower Upper

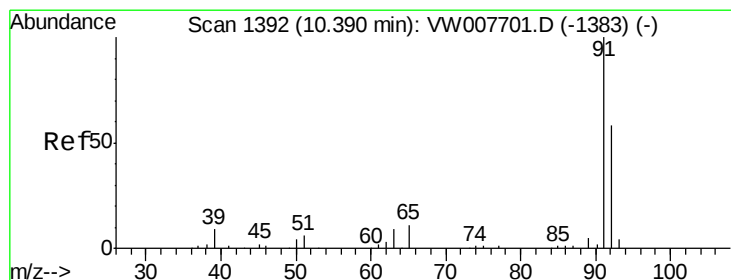
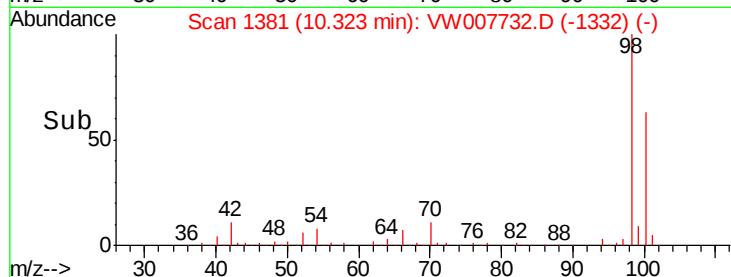
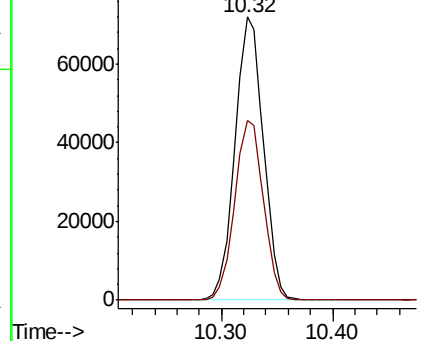
98 100

100 64.0 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#52

Toluene

Concen: 1.321 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007732.D

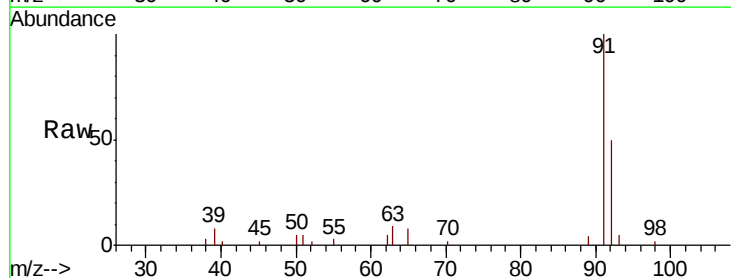
Acq: 20 Dec 2018 07:41

Tgt Ion: 92 Resp: 3037

Ion Ratio Lower Upper

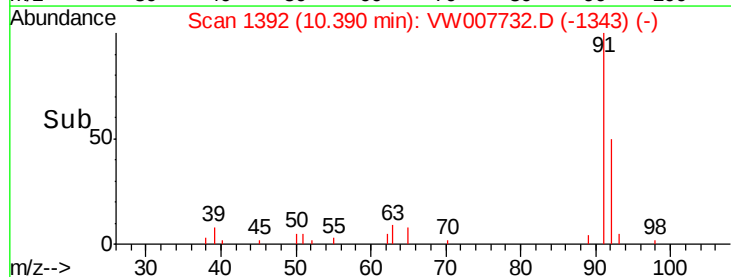
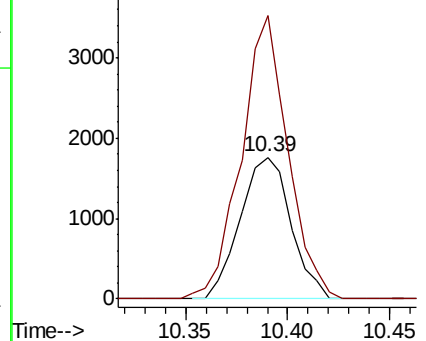
92 100

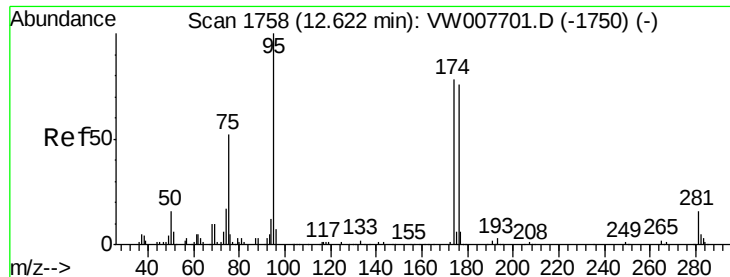
91 184.4 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#62

4-Bromofluorobenzene

Concen: 36.126 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007732.D

Acq: 20 Dec 2018 07:41

Instrument :

MSVOA_W

ClientSampleId :

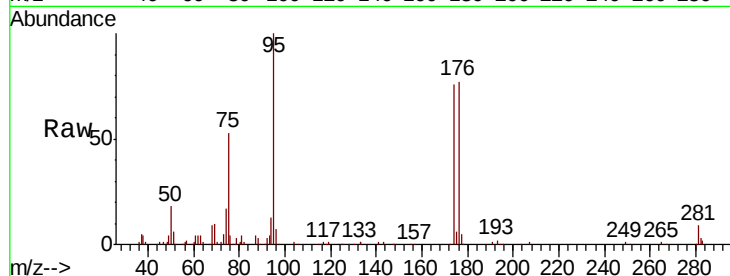
Tot Ion: 95 Resp: 42700

Ion Ratio Lower Upper

95 100

174 75.7 0.0 152.2

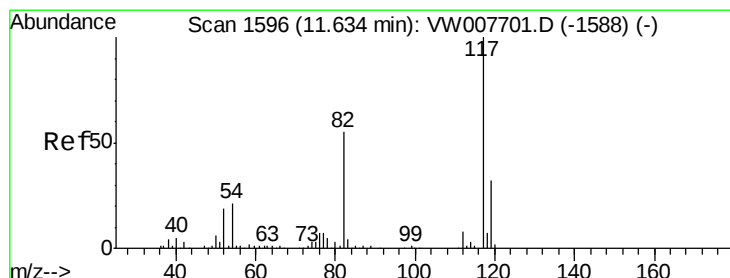
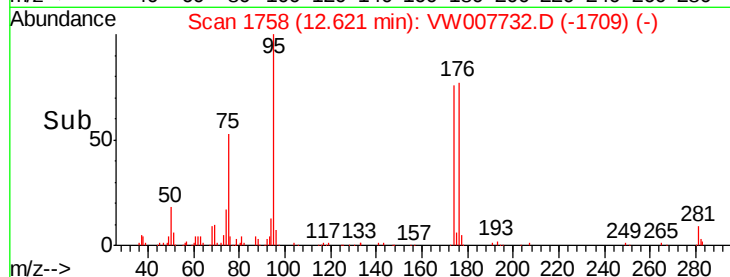
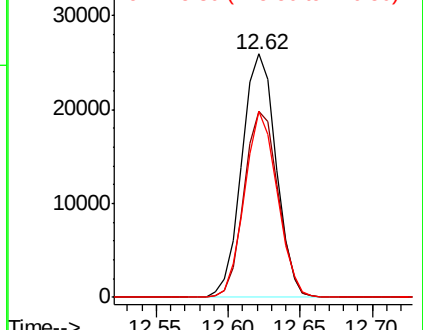
176 73.0 0.0 146.8



Abundance Ion 94.90 (94.60 to 95.60): VW007701.D (-1750) (-)

Ion 173.80 (173.50 to 174.50): VW007701.D (-1750) (-)

Ion 175.80 (175.50 to 176.50): VW007701.D (-1750) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW007732.D

Acq: 20 Dec 2018 07:41

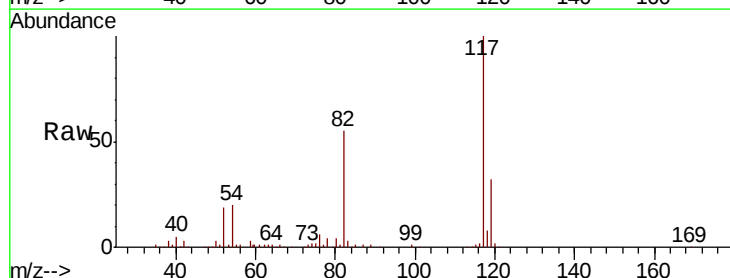
Tgt Ion: 117 Resp: 109842

Ion Ratio Lower Upper

117 100

82 54.6 44.3 66.5

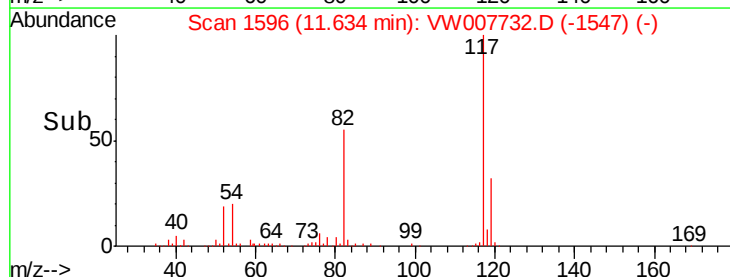
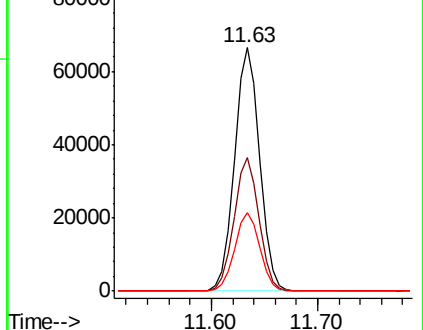
119 32.3 25.7 38.5

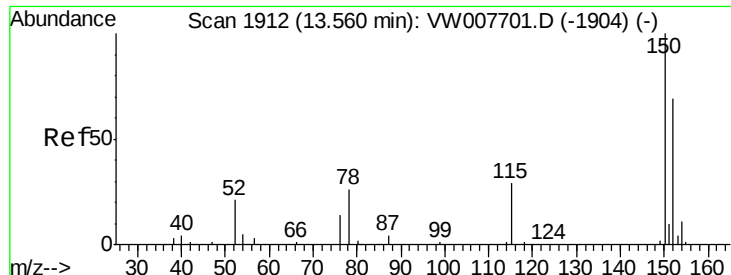


Abundance Ion 116.90 (116.60 to 117.60): VW007701.D (-1588) (-)

Ion 82.00 (81.70 to 82.70): VW007701.D (-1588) (-)

Ion 118.90 (118.60 to 119.60): VW007701.D (-1588) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007732.D

Acq: 20 Dec 2018 07:41

Instrument :

MSVOA_W

ClientSampleId :

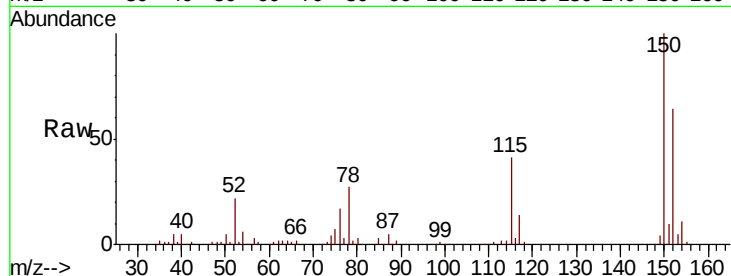
Tot Ion:152 Resp: 44164

Ion Ratio Lower Upper

152 100

115 62.0 31.8 95.4

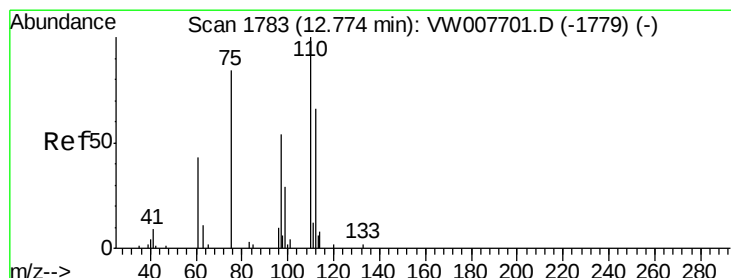
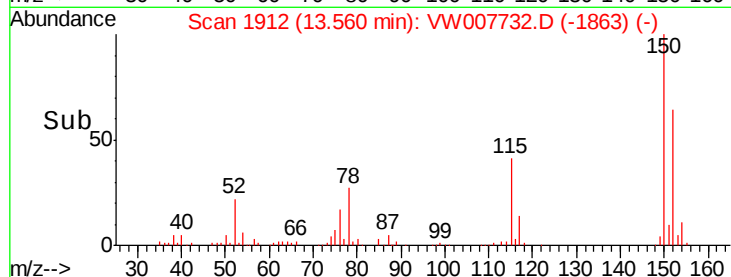
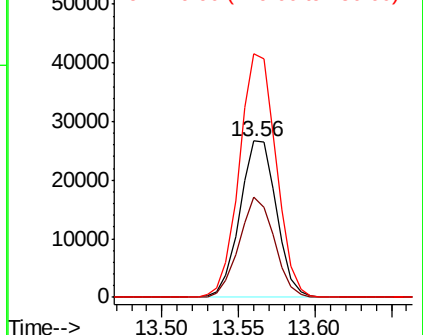
150 156.8 0.0 350.8



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: 65.025 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007732.D

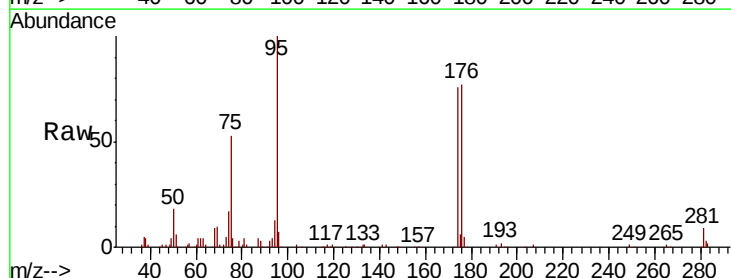
Acq: 20 Dec 2018 07:41

Tgt Ion: 75 Resp: 22196

Ion Ratio Lower Upper

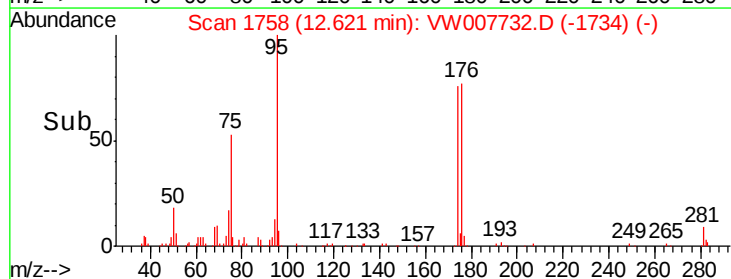
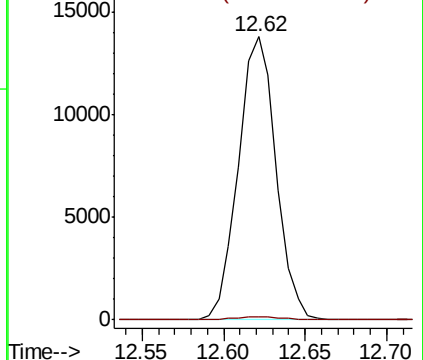
75 100

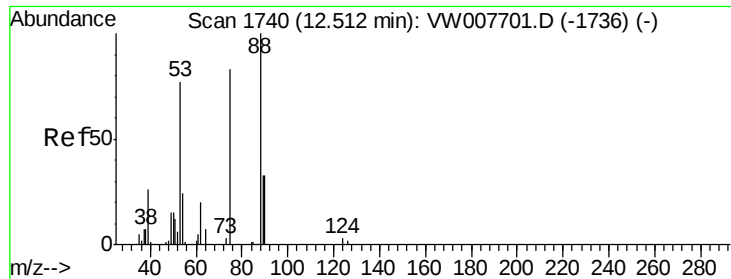
77 1.1 0.0 0.0#



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: 136.492 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW007732.D

Acq: 20 Dec 2018 07:41

Instrument :

MSVOA_W

ClientSampleId :

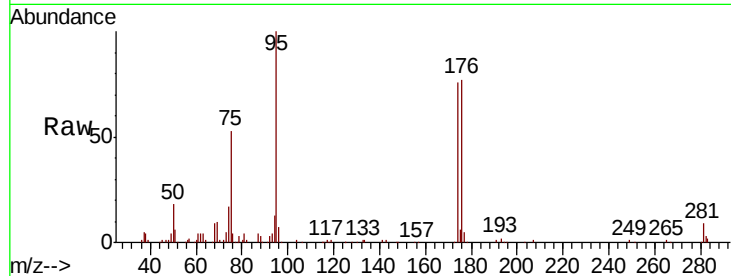
Tot Ion: 75 Resp: 22196

Ion Ratio Lower Upper

75 100

53 0.0 80.2 120.2#

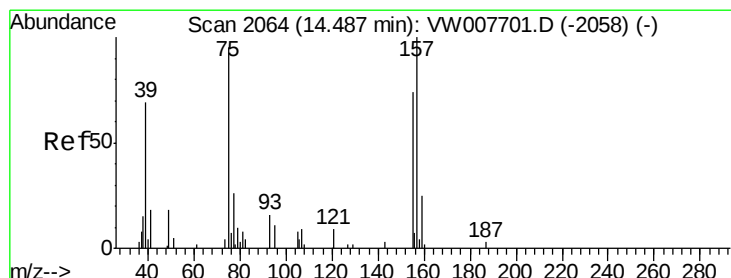
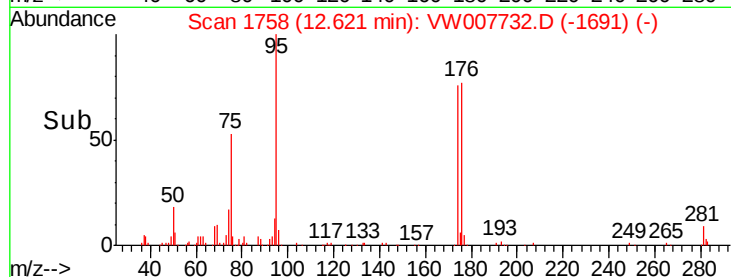
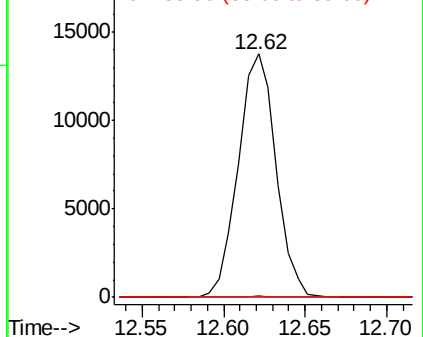
89 0.1 39.2 58.8#



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.274 ug/l

RT: 14.33 min Scan# 2039

Delta R.T. -0.15 min

Lab File: VW007732.D

Acq: 20 Dec 2018 07:41

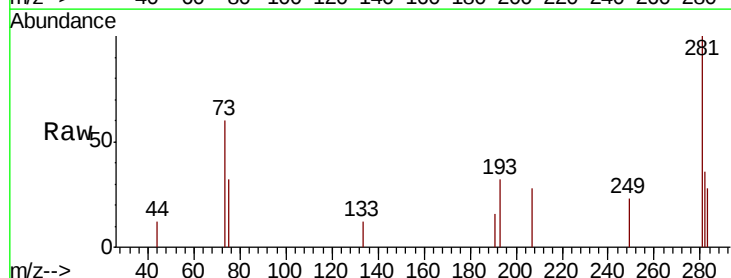
Tgt Ion: 75 Resp: 131

Ion Ratio Lower Upper

75 100

155 0.0 39.4 118.1#

157 0.0 52.0 156.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

