

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122118\
 Data File : VW007733.D
 Acq On : 20 Dec 2018 08:06
 Operator : SY/AP
 Sample : J6379-09RE
 Misc : 5.39G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS004-1824-01RE

Quant Time: Dec 20 10:11:04 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	4690	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	9076	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	8788	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	3406	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.32	65	3692	71.82	ug/l	0.01
Spiked Amount			Recovery	=	143.64%	
35) Dibromofluoromethane	7.89	113	3185	57.52	ug/l	0.00
Spiked Amount			Recovery	=	115.04%	
50) Toluene-d8	10.33	98	8483	40.64	ug/l	0.00
Spiked Amount			Recovery	=	81.28%	
62) 4-Bromofluorobenzene	12.62	95	3153	39.10	ug/l	0.00
Spiked Amount			Recovery	=	78.20%	

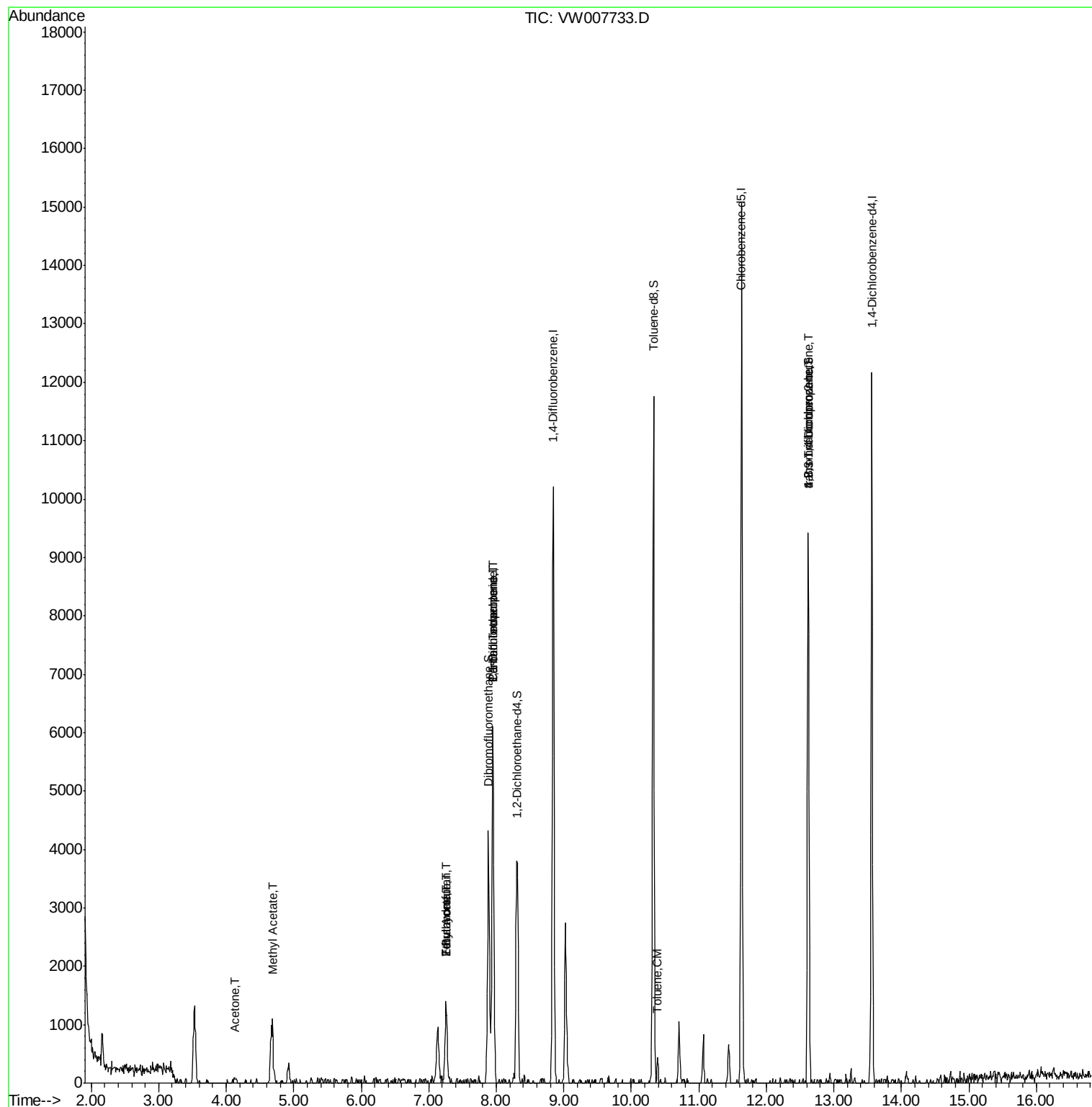
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	243	25.244	ug/l #	48
18) Methyl Acetate	4.68	43	1992	87.015	ug/l	95
20) Methylene Chloride	4.92	84	217	Below Cal	#	60
25) 2-Butanone	7.26	43	2209	195.923	ug/l #	44
29) Tetrahydrofuran	7.26	42	56	8.327	ug/l #	27
36) 1,1-Dichloropropene	7.96	75	347	3.961	ug/l #	40
37) Ethyl Acetate	7.26	43	2209	73.069	ug/l	96
38) Carbon Tetrachloride	7.96	117	543	5.263	ug/l #	11
52) Toluene	10.39	92	238	1.518	ug/l	100
76) 1,2,3-Trichloropropane	12.62	75	1626	61.766	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	1626	129.651	ug/l #	9

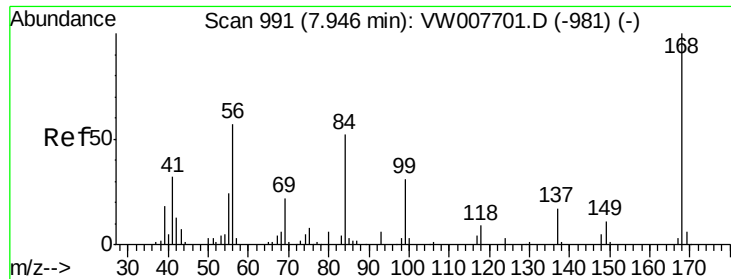
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW007733.D

Acq: 20 Dec 2018 08:06

Instrument :

MSVOA_W

ClientSampleId :

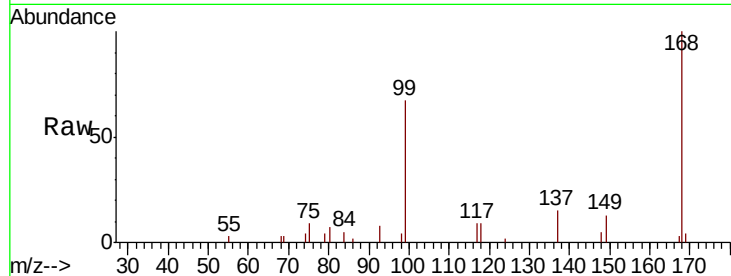
P001-SS004-1824-01RE

Tot Ion:168 Resp: 4690

Ion Ratio Lower Upper

168 100

99 67.2 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

2500

2000

1500

1000

500

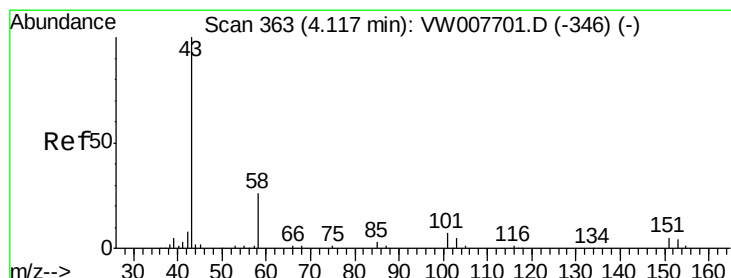
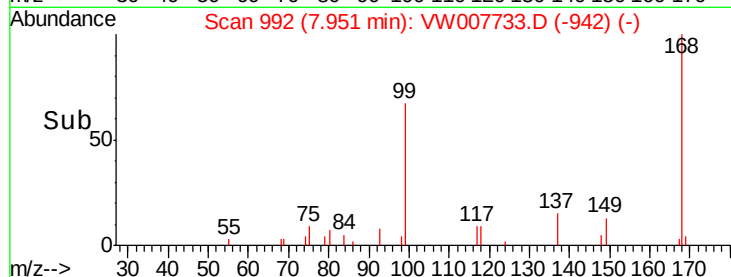
0

7.90

7.95

8.00

Time-->



#16

Acetone

Concen: 25.244 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007733.D

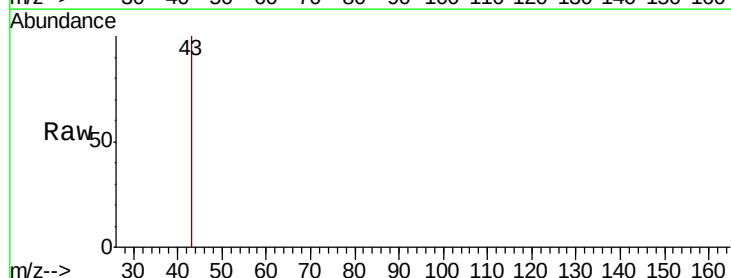
Acq: 20 Dec 2018 08:06

Tgt Ion: 43 Resp: 243

Ion Ratio Lower Upper

43 100

58 0.0 21.2 31.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

120

100

80

60

40

20

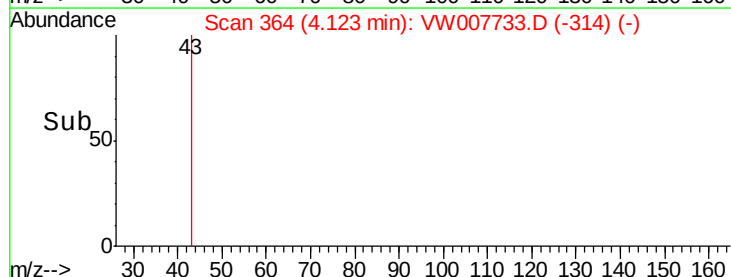
0

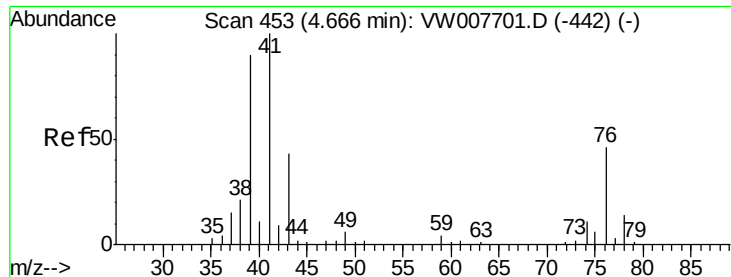
4.10

4.12

4.15

Time-->

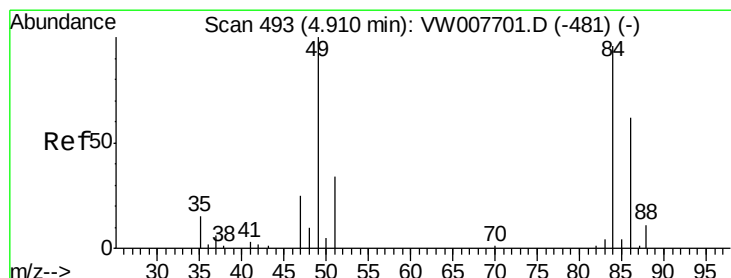
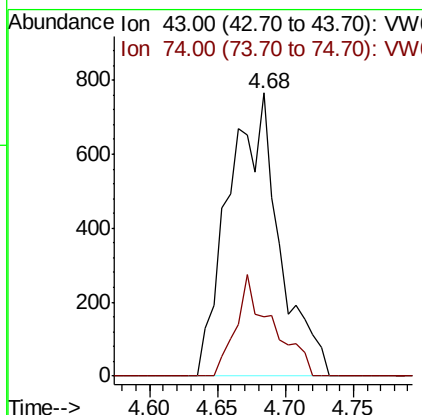
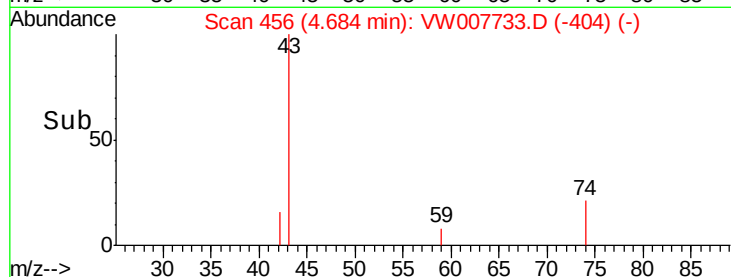
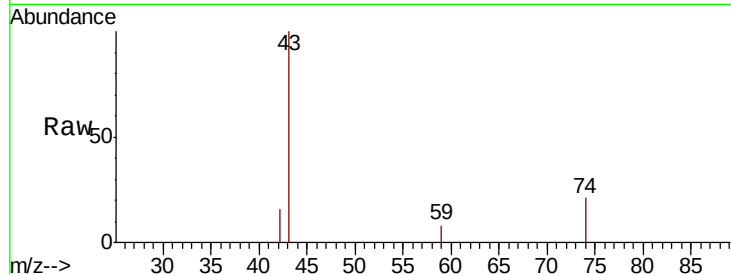




#18
Methyl Acetate
Concen: 87.015 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.02 min
Lab File: VW007733.D
Acq: 20 Dec 2018 08:06

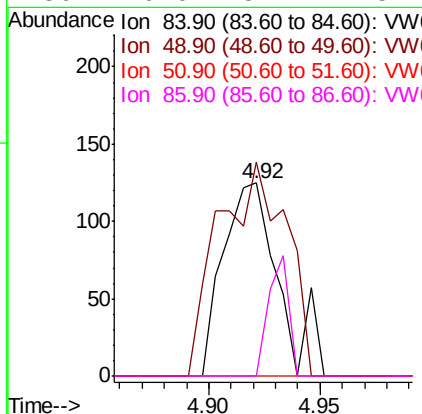
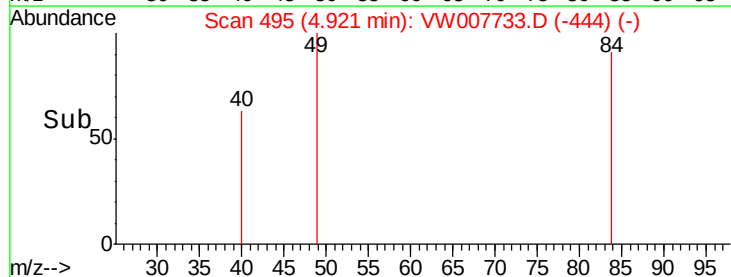
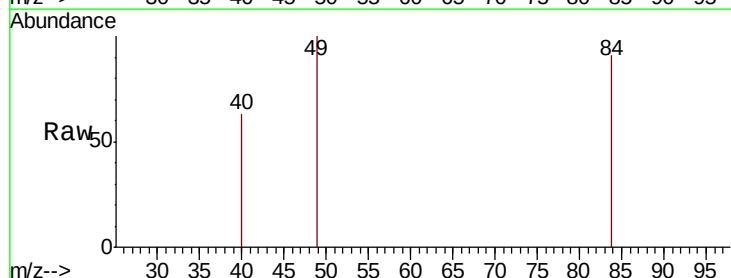
Instrument :
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P001-SS004-1824-01RE

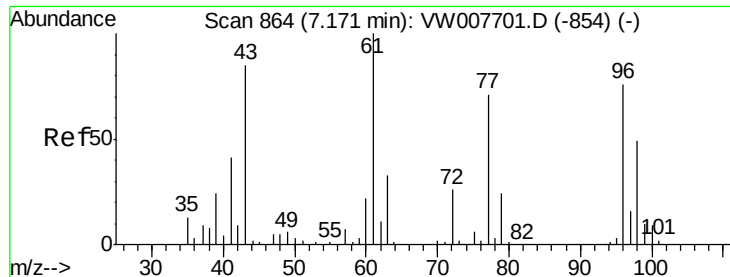
Tot Ion: 43 Resp: 1992
Ion Ratio Lower Upper
43 100
74 25.7 22.7 34.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW007733.D
Acq: 20 Dec 2018 08:06

Tgt Ion: 84 Resp: 217
Ion Ratio Lower Upper
84 100
49 110.4 83.7 125.5
51 0.0 28.2 42.2#
86 0.0 52.2 78.2#





#25

2-Butanone

Concen: 195.923 ug/l

RT: 7.26 min Scan# 878

Delta R.T. 0.09 min

Lab File: VW007733.D

Acq: 20 Dec 2018 08:06

Instrument :

MSVOA_W

ClientSampleId :

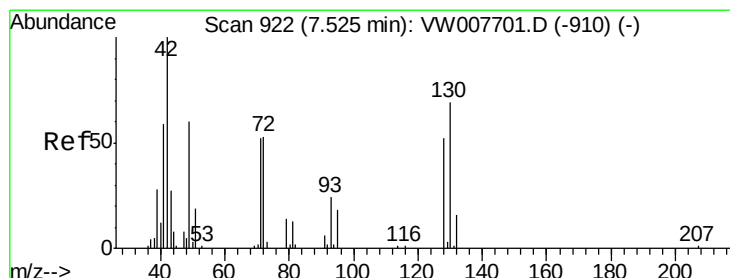
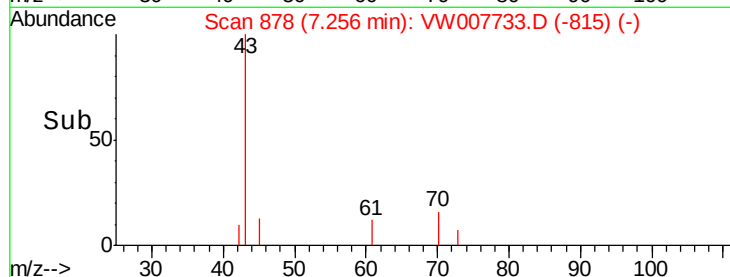
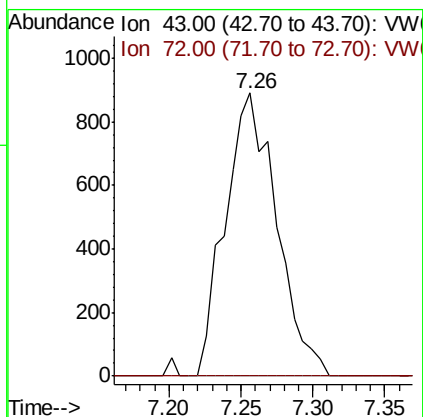
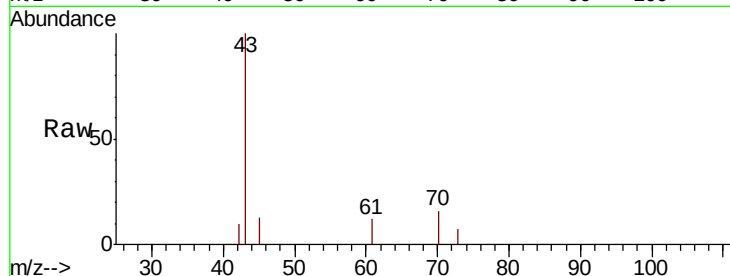
P001-SS004-1824-01RE

Tot Ion: 43 Resp: 2209

Ion Ratio Lower Upper

43 100

72 0.0 24.5 36.7#



#29

Tetrahydrofuran

Concen: 8.327 ug/l

RT: 7.26 min Scan# 878

Delta R.T. -0.27 min

Lab File: VW007733.D

Acq: 20 Dec 2018 08:06

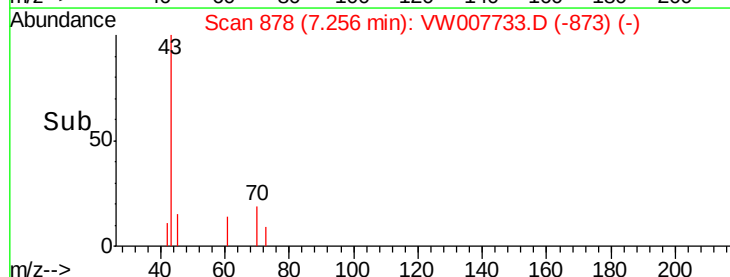
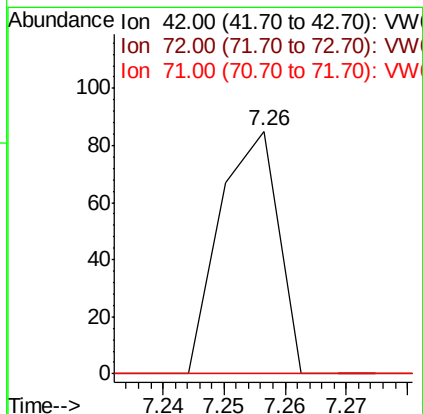
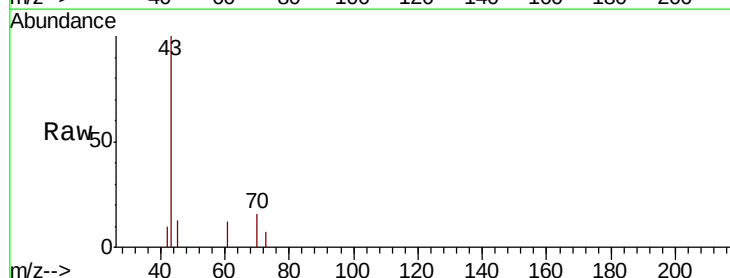
Tgt Ion: 42 Resp: 56

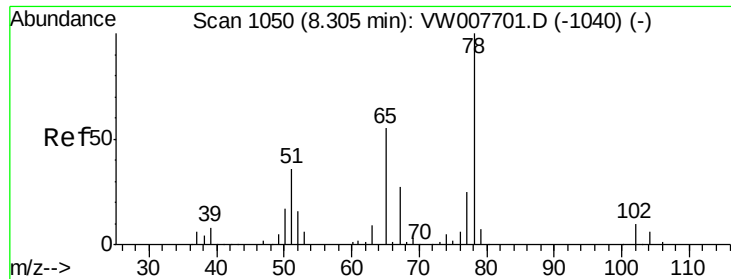
Ion Ratio Lower Upper

42 100

72 0.0 41.7 62.5#

71 0.0 39.0 58.6#

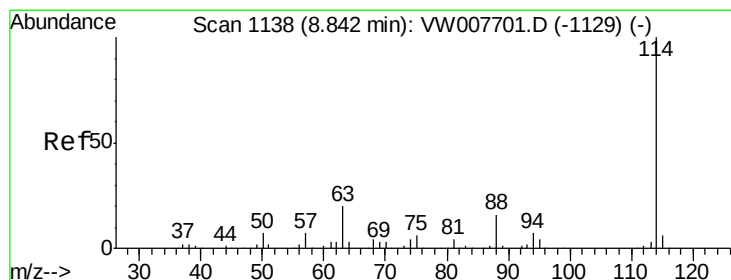
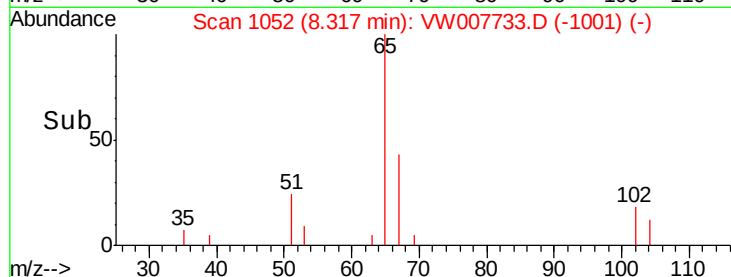
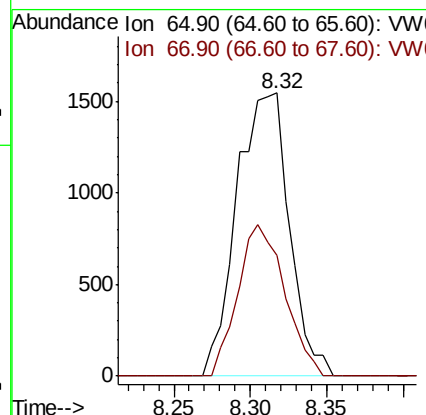
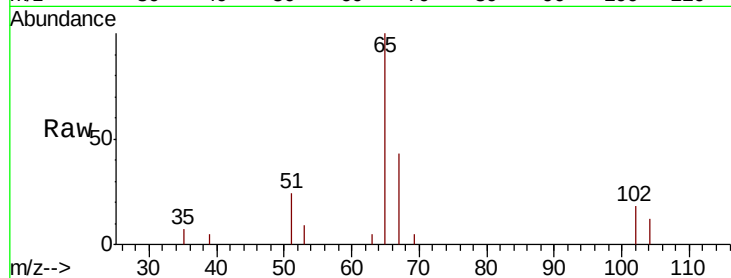




#33
 1,2-Dichloroethane-d4
 Concen: 71.823 ug/l
 RT: 8.32 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VW007733.D
 Acq: 20 Dec 2018 08:06

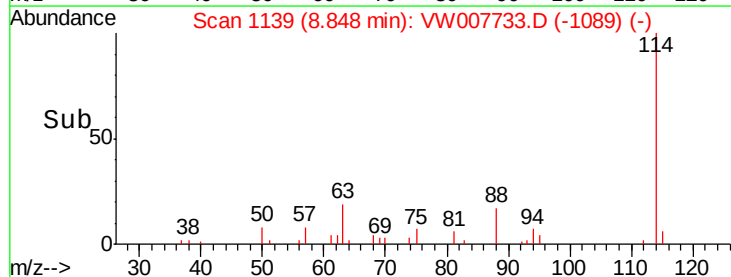
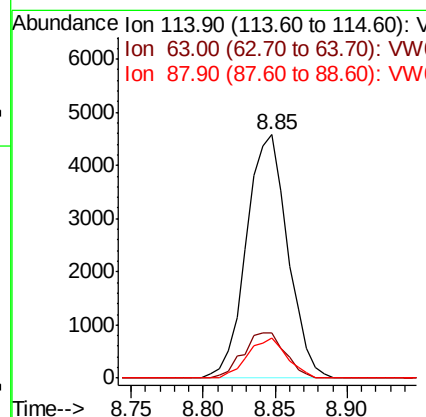
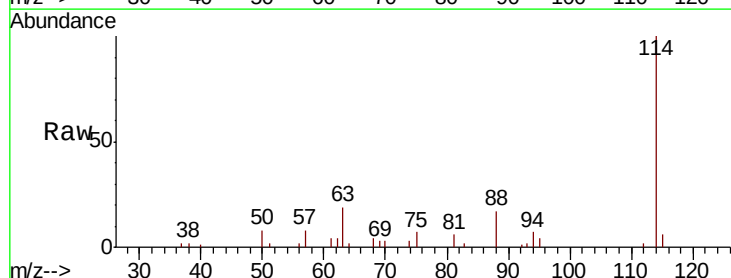
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS004-1824-01RE

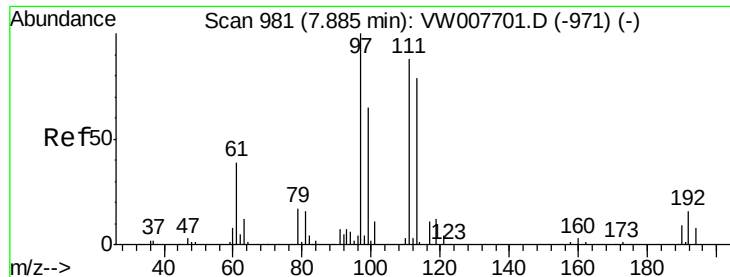
Tot Ion: 65 Resp: 3692
 Ion Ratio Lower Upper
 65 100
 67 47.7 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW007733.D
 Acq: 20 Dec 2018 08:06

Tgt Ion: 114 Resp: 9076
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 40.0
 88 16.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 57.524 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW007733.D

Acq: 20 Dec 2018 08:06

Instrument :

MSVOA_W

ClientSampleId :

P001-SS004-1824-01RE

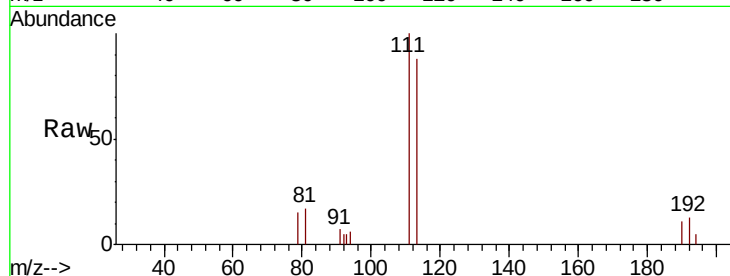
Tot Ion:113 Resp: 3185

Ion Ratio Lower Upper

113 100

111 100.2 82.6 124.0

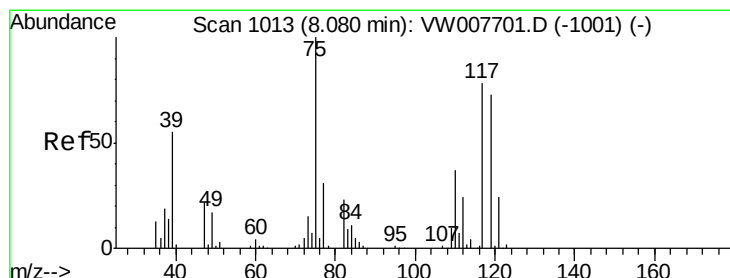
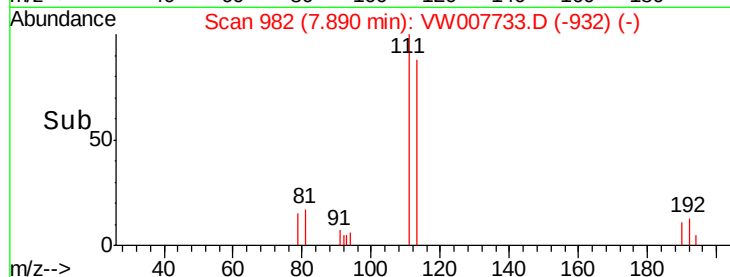
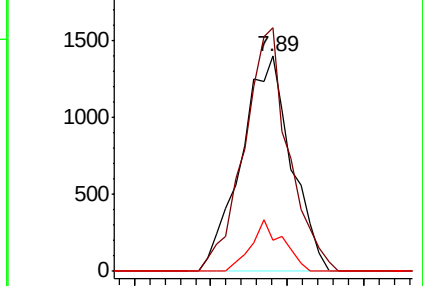
192 15.2 15.5 23.3#



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: 3.961 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.12 min

Lab File: VW007733.D

Acq: 20 Dec 2018 08:06

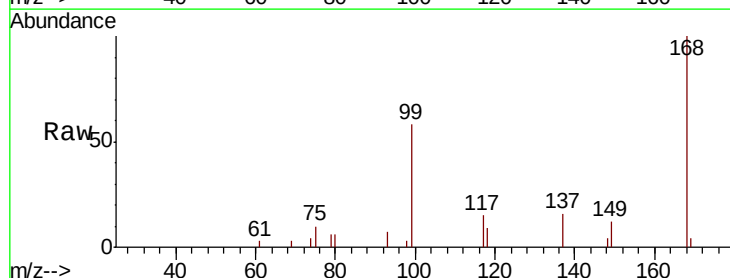
Tgt Ion: 75 Resp: 347

Ion Ratio Lower Upper

75 100

110 0.0 18.6 55.8#

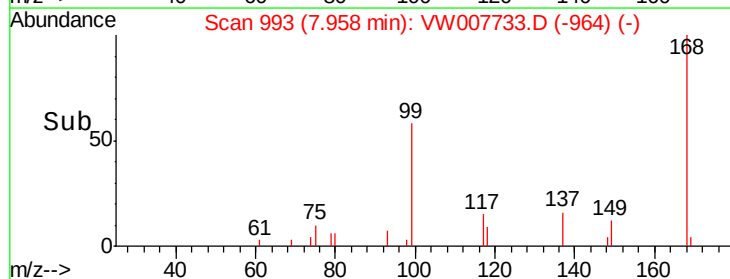
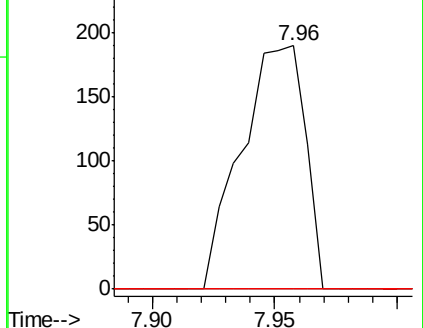
77 0.0 25.0 37.4#

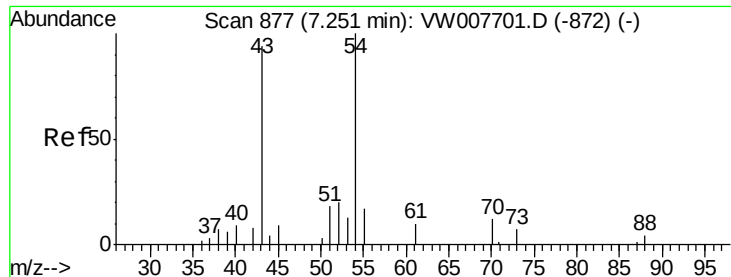


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

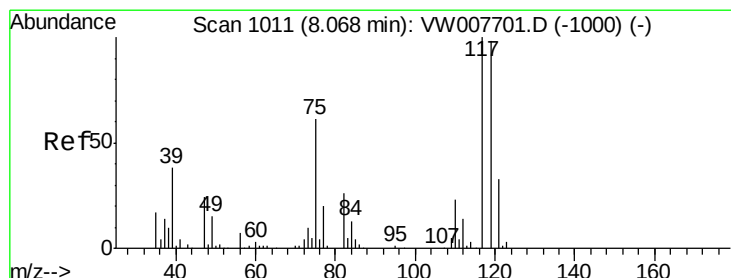
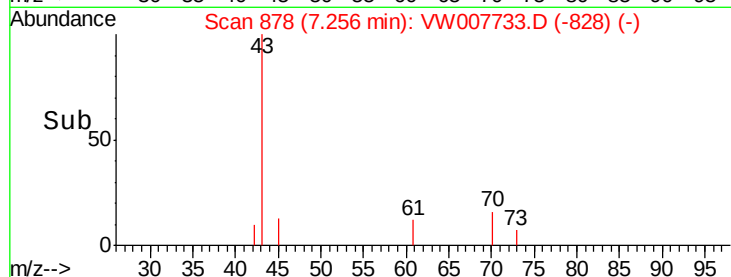
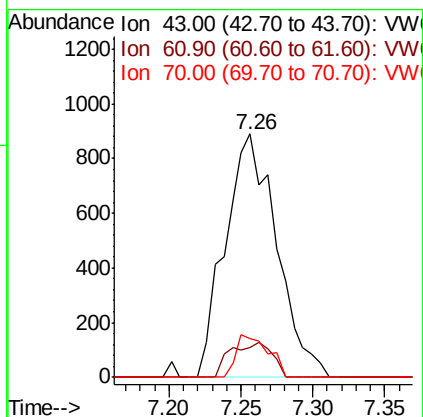
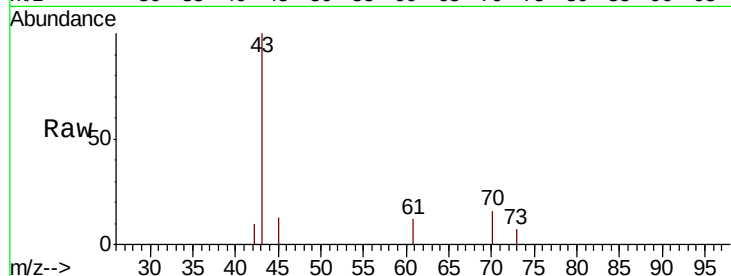




#37
Ethyl Acetate
Concen: 73.069 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW007733.D
Acq: 20 Dec 2018 08:06

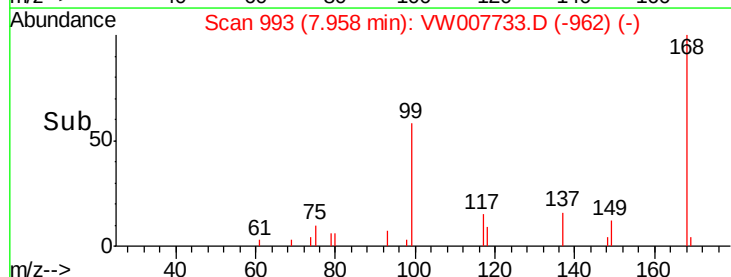
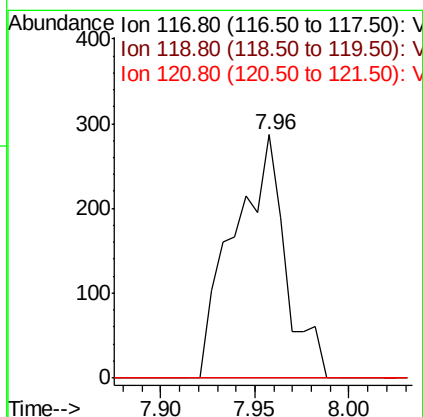
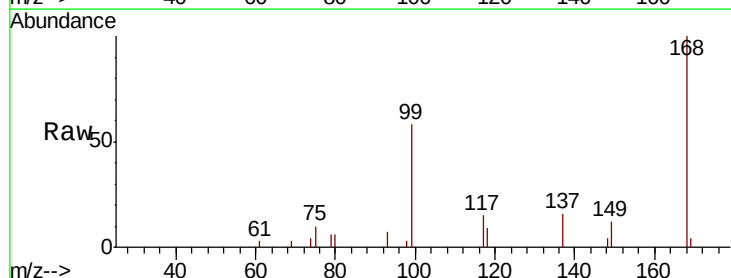
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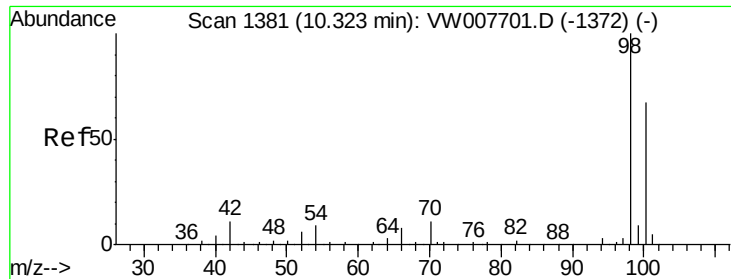
Tot Ion: 43 Resp: 2209
Ion Ratio Lower Upper
43 100
61 11.5 11.2 16.8
70 10.9 9.3 13.9



#38
Carbon Tetrachloride
Concen: 5.263 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.11 min
Lab File: VW007733.D
Acq: 20 Dec 2018 08:06

Tgt Ion: 117 Resp: 543
Ion Ratio Lower Upper
117 100
119 0.0 78.2 117.2#
121 0.0 26.1 39.1#





#50

Toluene-d8

Concen: 40.641 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW007733.D

Acq: 20 Dec 2018 08:06

Instrument :

MSVOA_W

ClientSampleId :

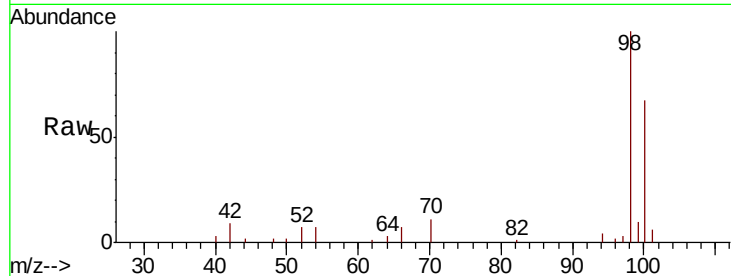
P001-SS004-1824-01RE

Tot Ion: 98 Resp: 8483

Ion Ratio Lower Upper

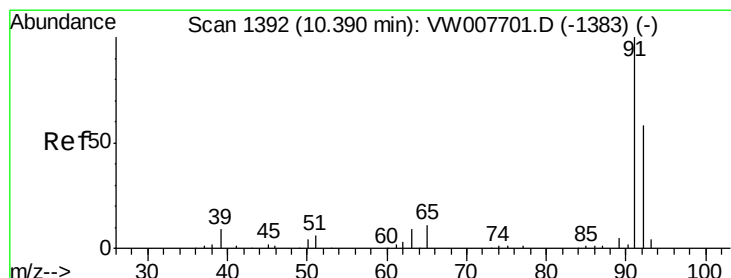
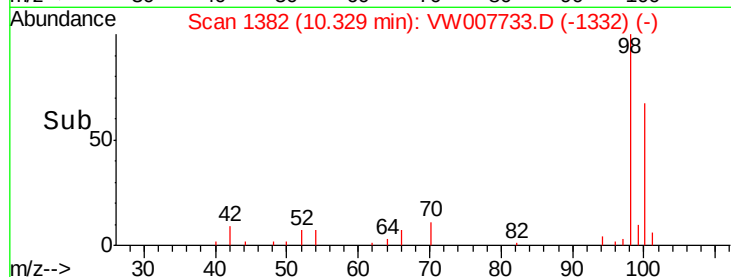
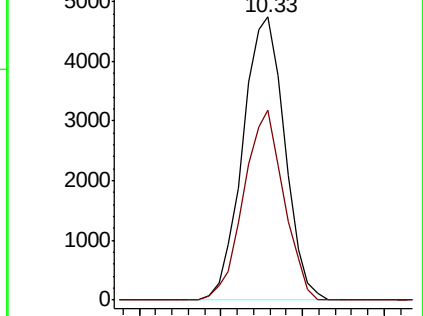
98 100

100 64.3 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: 1.518 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007733.D

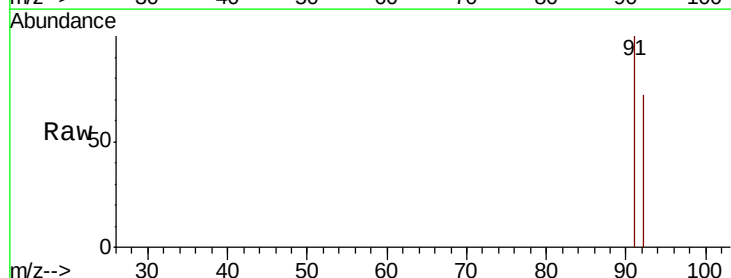
Acq: 20 Dec 2018 08:06

Tgt Ion: 92 Resp: 238

Ion Ratio Lower Upper

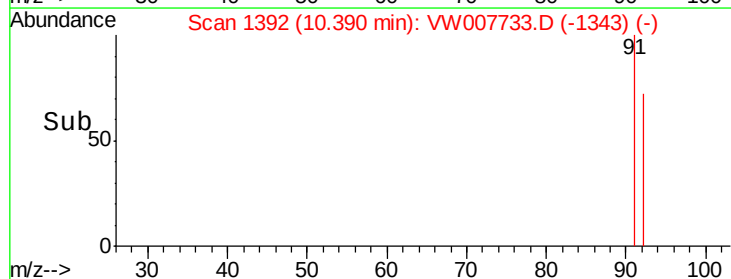
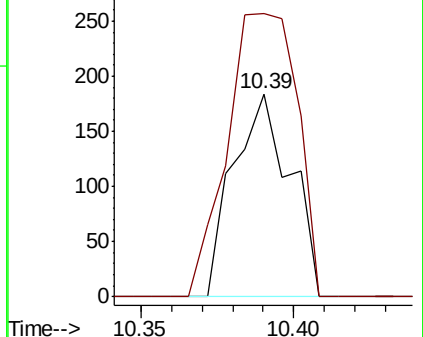
92 100

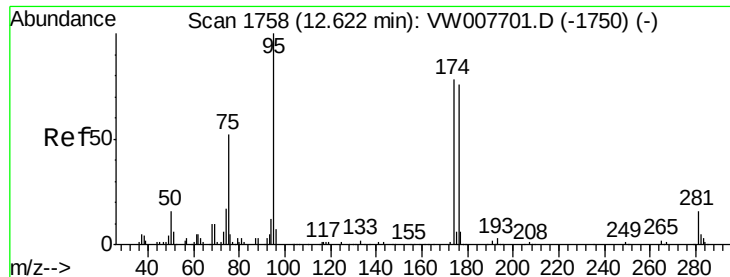
91 171.0 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#62

4-Bromofluorobenzene

Concen: 39.101 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007733.D

Acq: 20 Dec 2018 08:06

Instrument :

MSVOA_W

ClientSampleId :

P001-SS004-1824-01RE

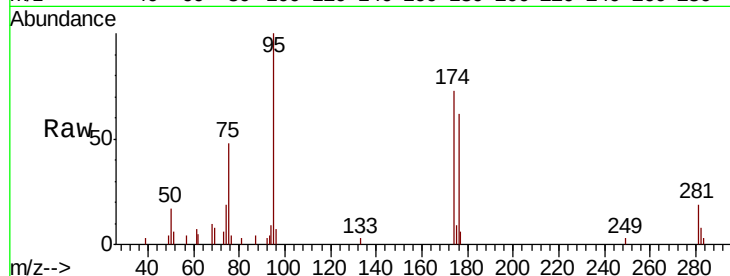
Tot Ion: 95 Resp: 3153

Ion Ratio Lower Upper

95 100

174 78.2 0.0 152.2

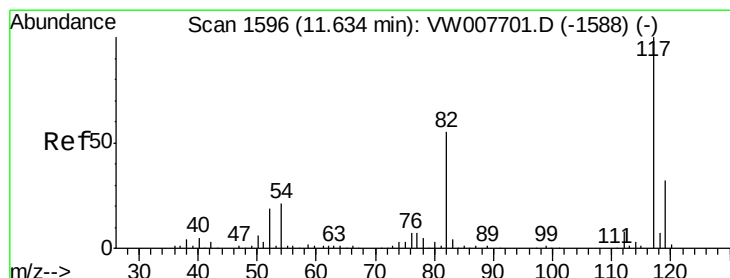
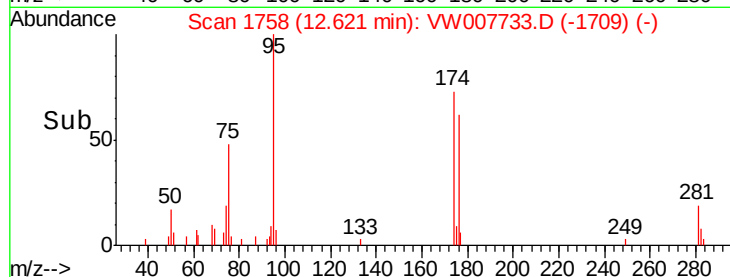
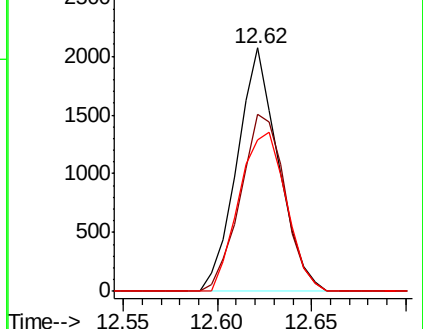
176 74.4 0.0 146.8



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: VW007733.D

Acq: 20 Dec 2018 08:06

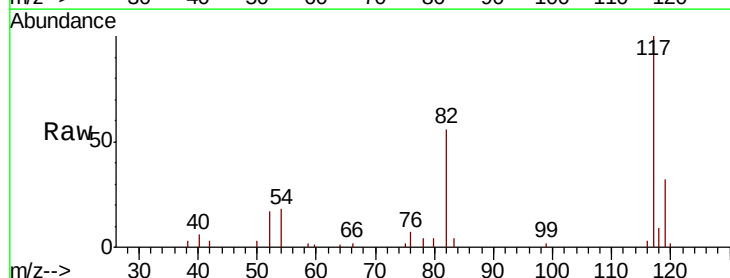
Tgt Ion: 117 Resp: 8788

Ion Ratio Lower Upper

117 100

82 55.6 44.3 66.5

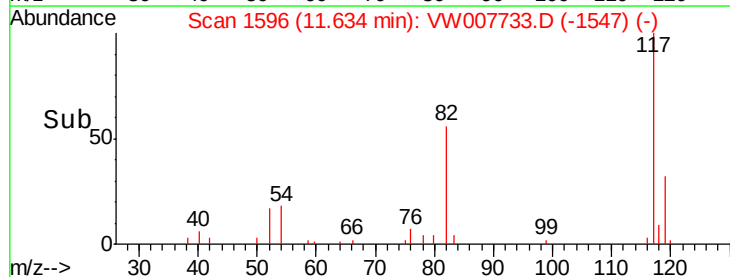
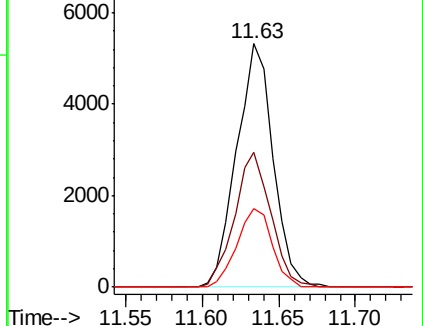
119 32.4 25.7 38.5

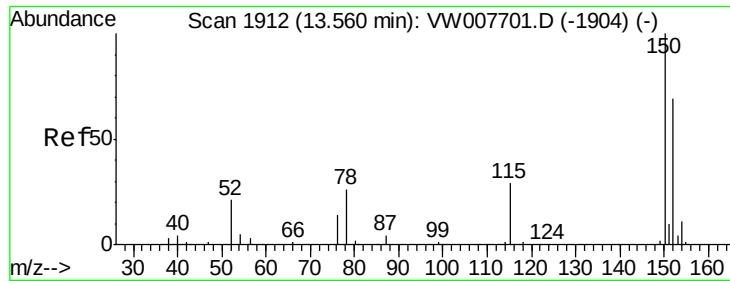


Abundance Ion 116.90 (116.60 to 117.60): VW

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. 0.01 min

Lab File: VW007733.D

Acq: 20 Dec 2018 08:06

Instrument :

MSVOA_W

ClientSampleId :

P001-SS004-1824-01RE

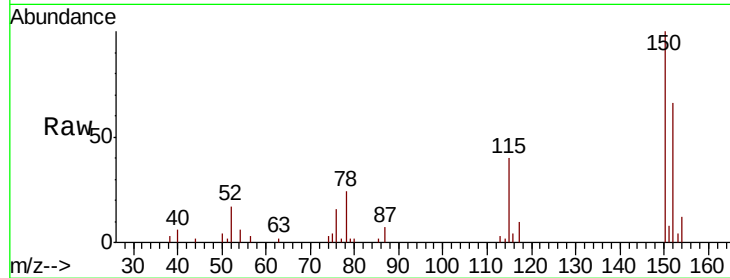
Tot Ion:152 Resp: 3406

Ion Ratio Lower Upper

152 100

115 62.0 31.8 95.4

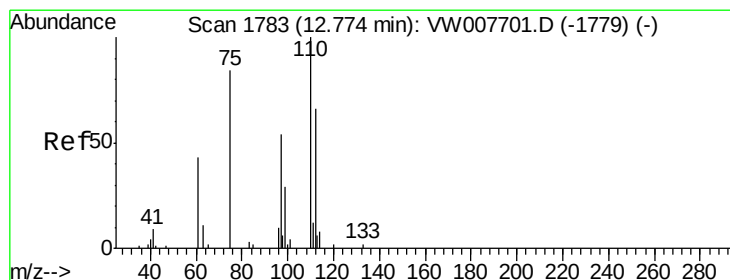
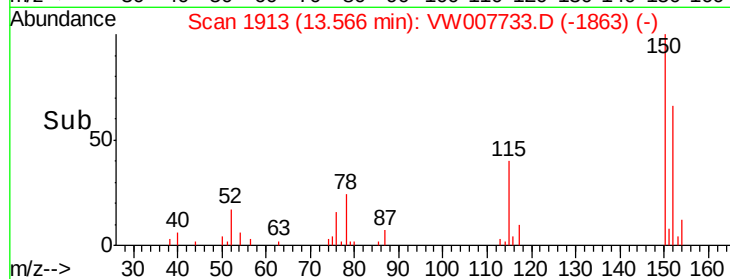
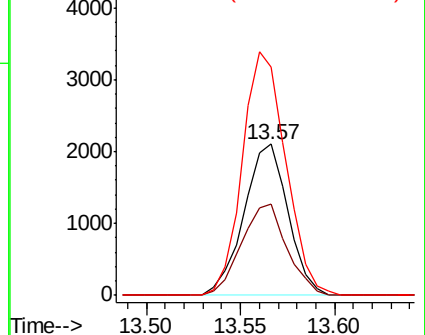
150 158.5 0.0 350.8



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: 61.766 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007733.D

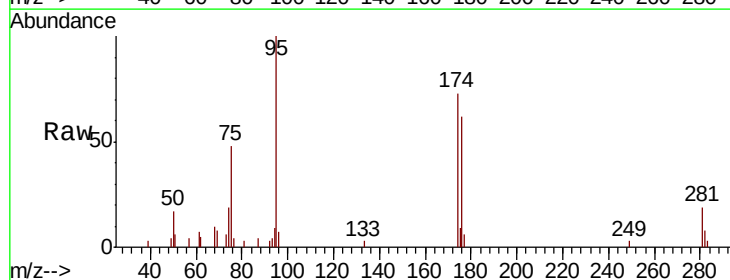
Acq: 20 Dec 2018 08:06

Tgt Ion: 75 Resp: 1626

Ion Ratio Lower Upper

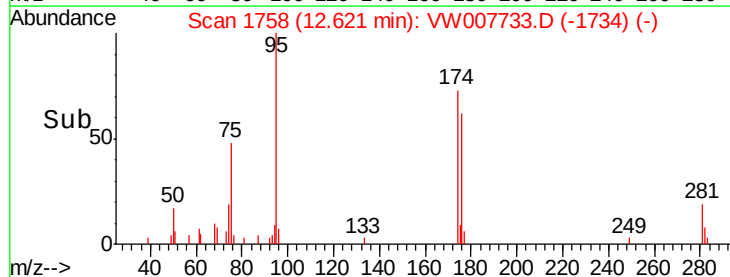
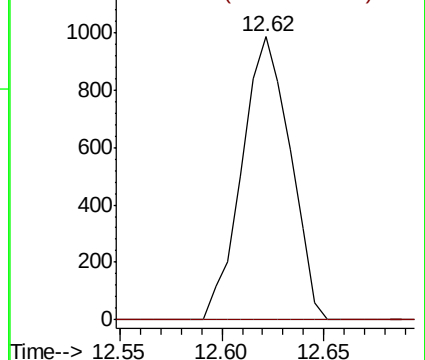
75 100

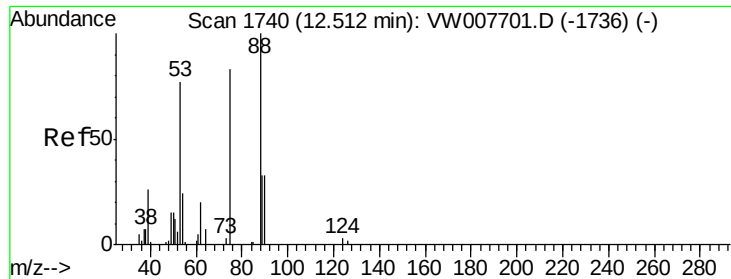
77 0.0 0.0 0.0



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: 129.651 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW007733.D

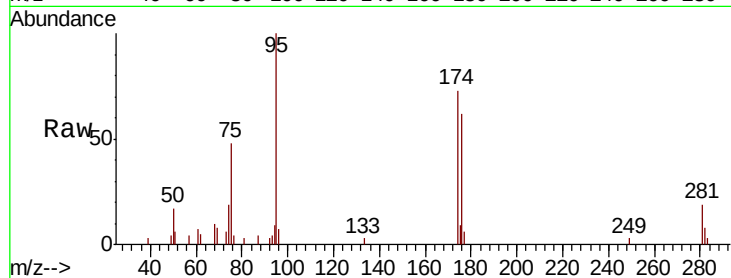
Acq: 20 Dec 2018 08:06

Instrument :

MSVOA_W

ClientSampleId :

P001-SS004-1824-01RE



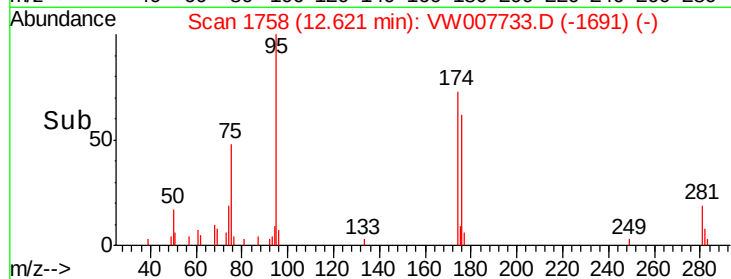
Tot Ion: 75 Resp: 1626

Ion Ratio Lower Upper

75 100

53 0.0 80.2 120.2#

89 0.0 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

