

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122118\
 Data File : VW007735.D
 Acq On : 20 Dec 2018 08:58
 Operator : SY/AP
 Sample : J6386-02RE
 Misc : 3.82G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS015-0612-02RE

Quant Time: Dec 20 10:11:25 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

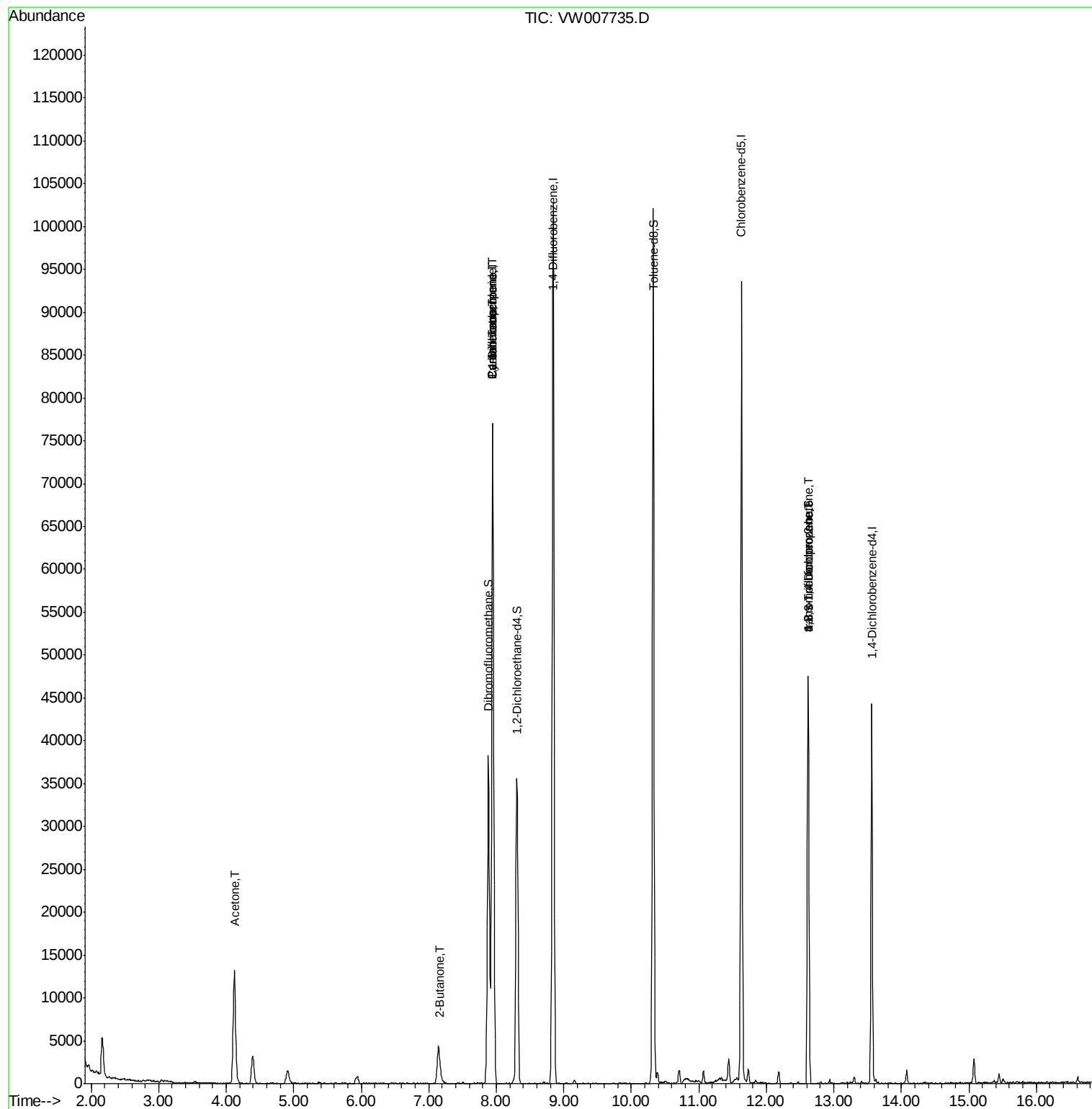
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	55386	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	88099	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	51629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	12001	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	31412	51.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.48%	
35) Dibromofluoromethane	7.88	113	26882	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.04%	
50) Toluene-d8	10.32	98	69243	34.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.36%	
62) 4-Bromofluorobenzene	12.62	95	15313	19.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	39.12%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	21933	192.942	ug/l	92
20) Methylene Chloride	4.90	84	1469	Below Cal	#	67
25) 2-Butanone	7.17	43	1391	10.447	ug/l #	81
31) Cyclohexane	7.94	56	1108	1.226	ug/l #	43
36) 1,1-Dichloropropene	7.95	75	4077	4.795	ug/l #	50
38) Carbon Tetrachloride	7.95	117	5972	5.964	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	7832	84.436	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	7832	177.238	ug/l #	9

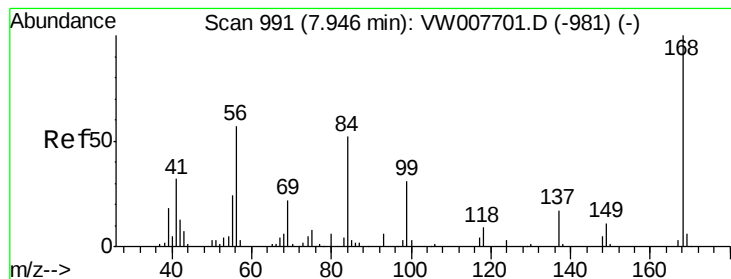
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 20 10:11:25 2018
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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: VW007735.D

Acq: 20 Dec 2018 08:58

Instrument :

MSVOA_W

ClientSampleId :

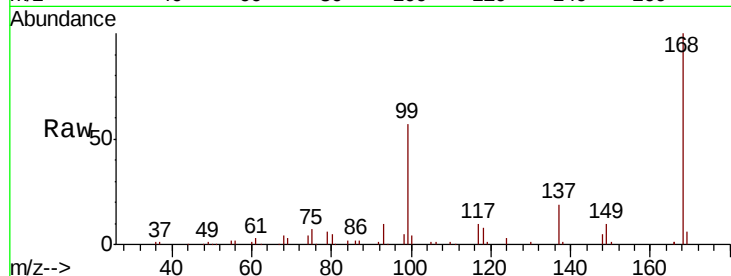
P001-SS015-0612-02RE

Tot Ion:168 Resp: 55386

Ion Ratio Lower Upper

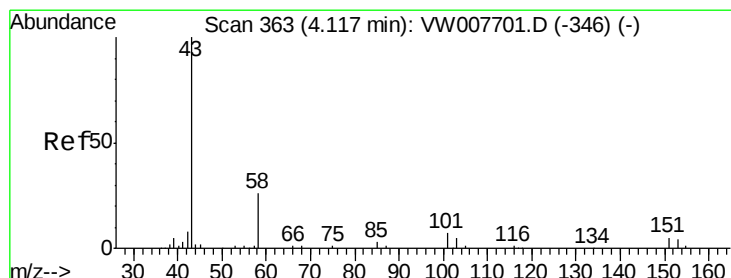
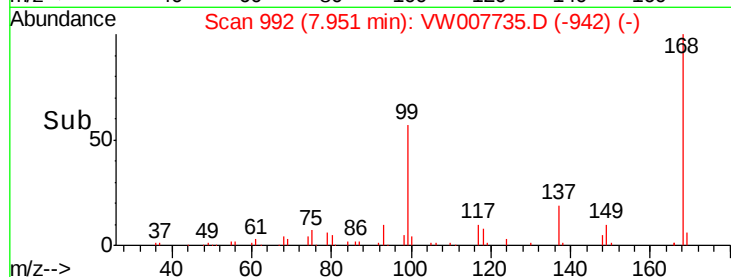
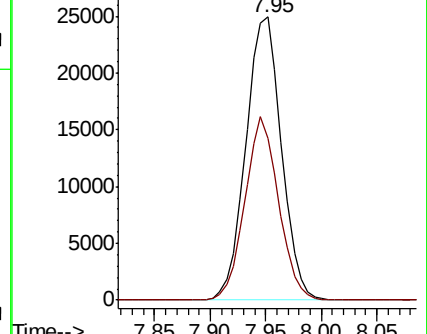
168 100

99 57.2 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 192.942 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007735.D

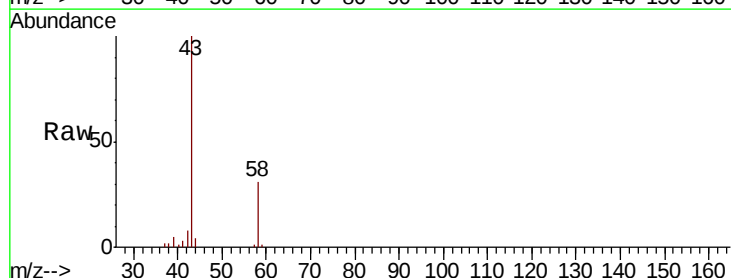
Acq: 20 Dec 2018 08:58

Tgt Ion: 43 Resp: 21933

Ion Ratio Lower Upper

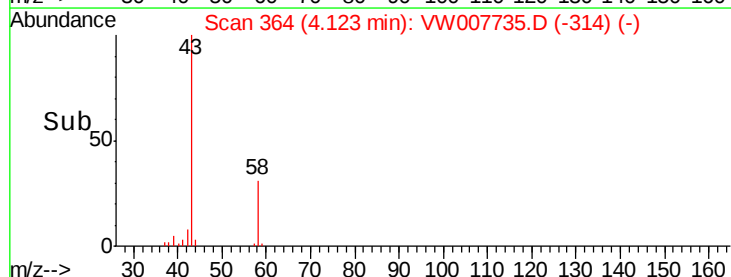
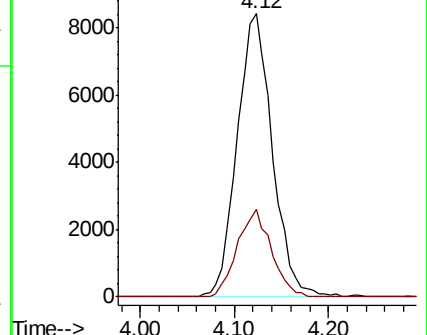
43 100

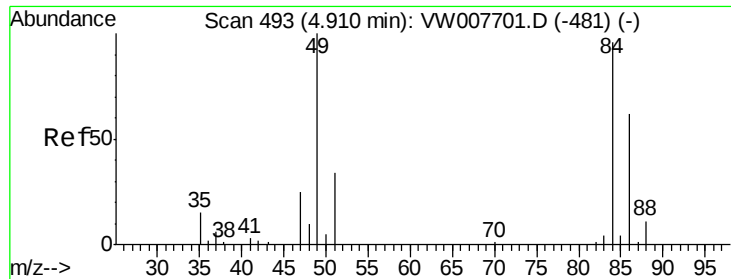
58 30.8 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

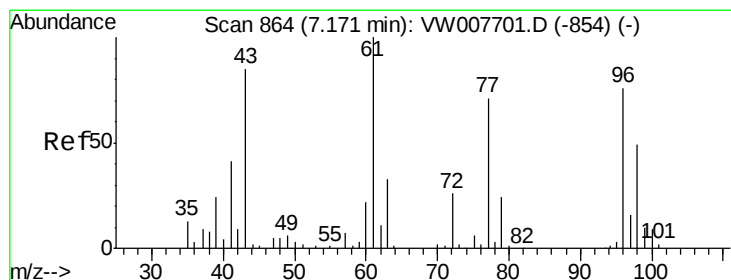
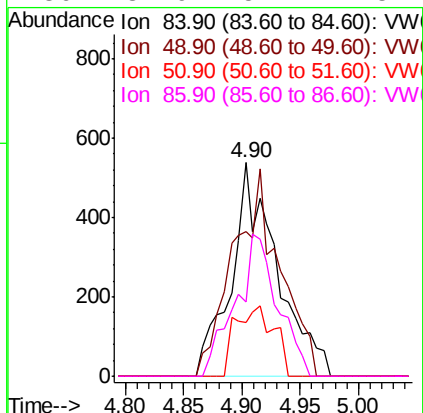
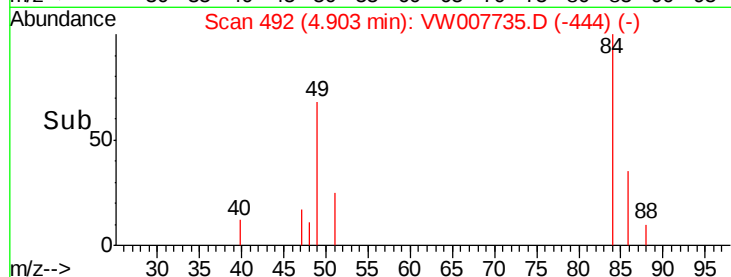
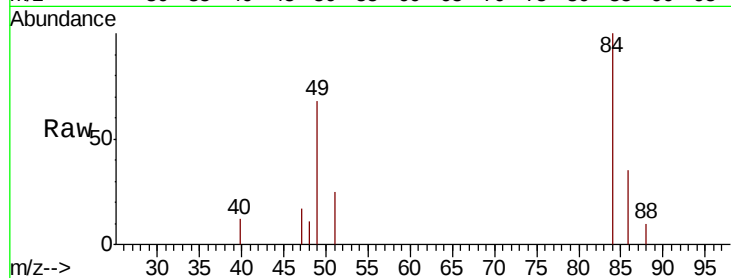




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW007735.D
Acq: 20 Dec 2018 08:58

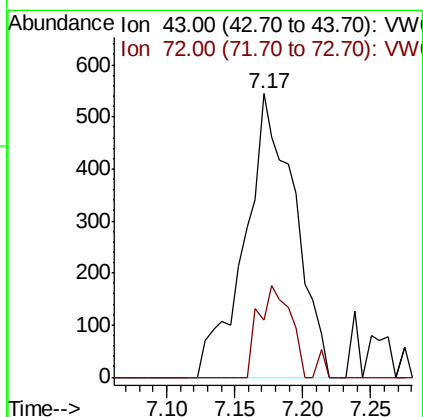
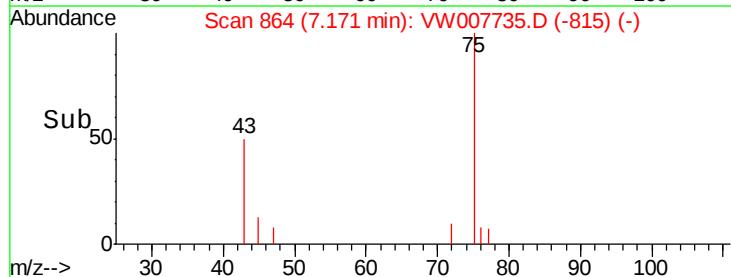
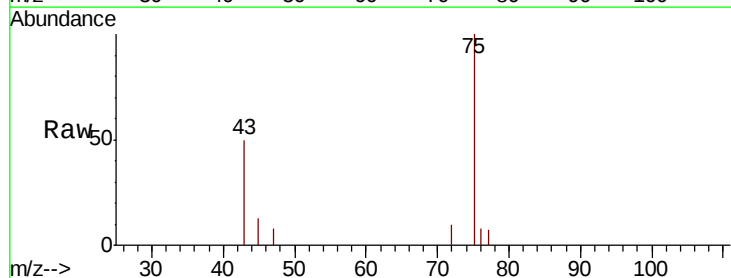
Instrument :
MSVOA_W
ClientSampleId :
P001-SS015-0612-02RE

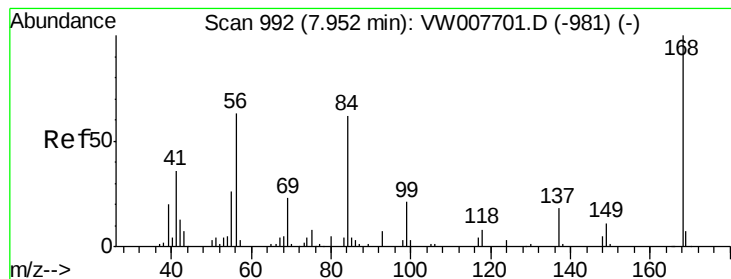
Tot Ion: 84 Resp: 1469
Ion Ratio Lower Upper
84 100
49 67.8 83.7 125.5#
51 25.3 28.2 42.2#
86 34.9 52.2 78.2#



#25
2-Butanone
Concen: 10.447 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007735.D
Acq: 20 Dec 2018 08:58

Tgt Ion: 43 Resp: 1391
Ion Ratio Lower Upper
43 100
72 20.2 24.5 36.7#





#31

Cyclohexane

Concen: 1.226 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW007735.D

Acq: 20 Dec 2018 08:58

Instrument :

MSVOA_W

ClientSampleId :

P001-SS015-0612-02RE

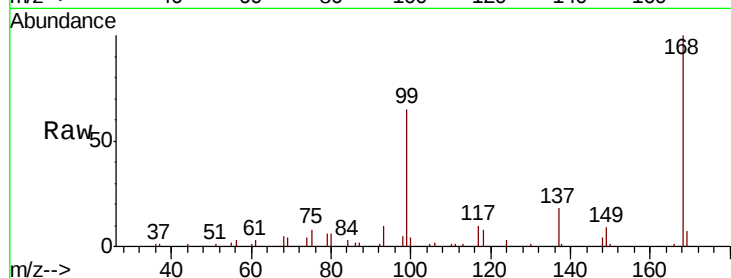
Tot Ion: 56 Resp: 1108

Ion Ratio Lower Upper

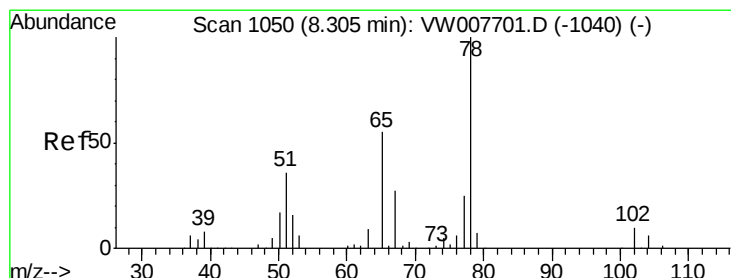
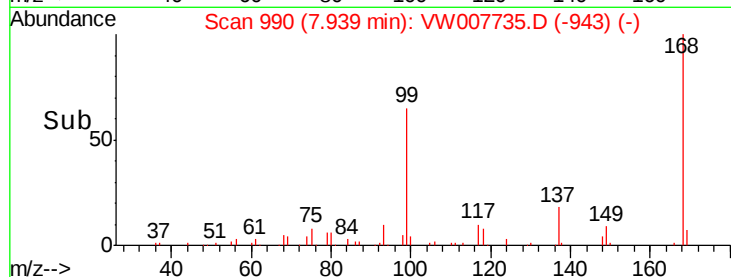
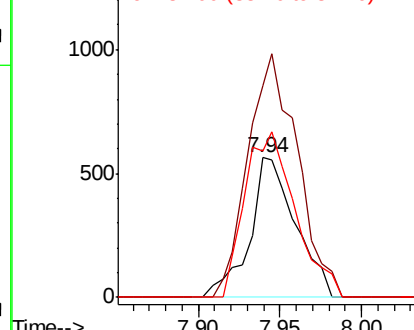
56 100

69 151.7 29.7 44.5#

84 104.6 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: 51.745 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007735.D

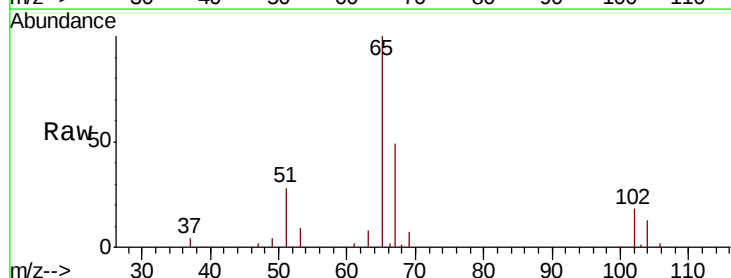
Acq: 20 Dec 2018 08:58

Tgt Ion: 65 Resp: 31412

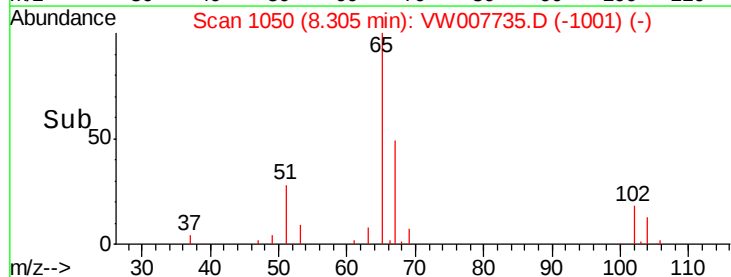
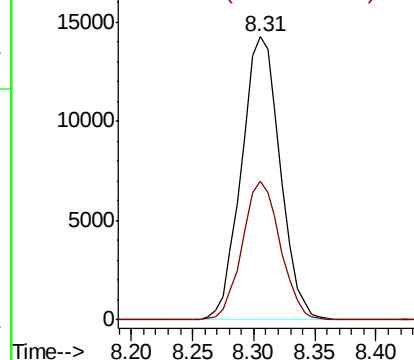
Ion Ratio Lower Upper

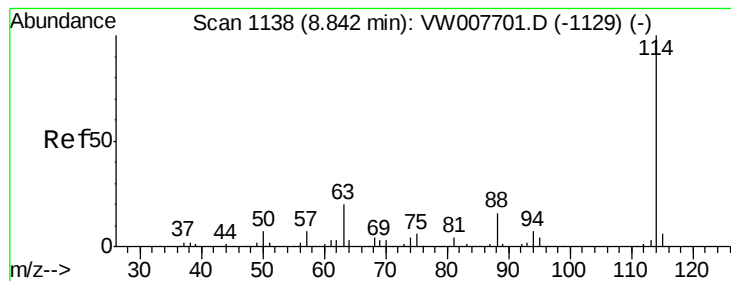
65 100

67 48.0 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: VW007735.D

Acq: 20 Dec 2018 08:58

Instrument :

MSVOA_W

ClientSampleId :

P001-SS015-0612-02RE

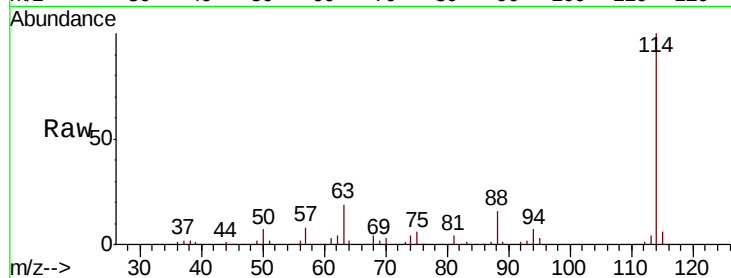
Tot Ion:114 Resp: 88099

Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.0

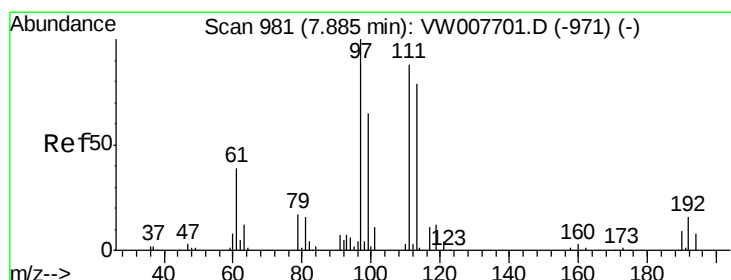
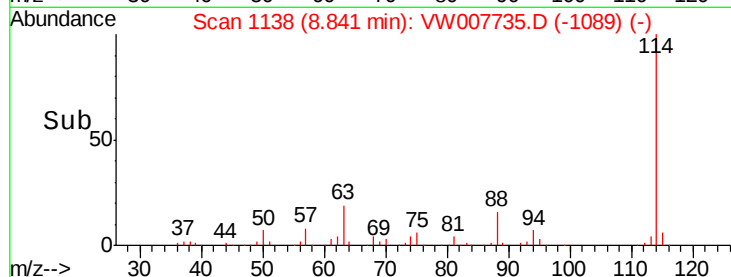
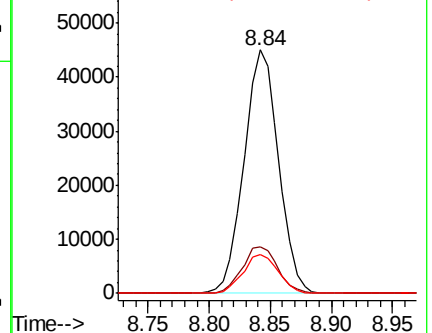
88 15.9 0.0 32.6



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: 50.018 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007735.D

Acq: 20 Dec 2018 08:58

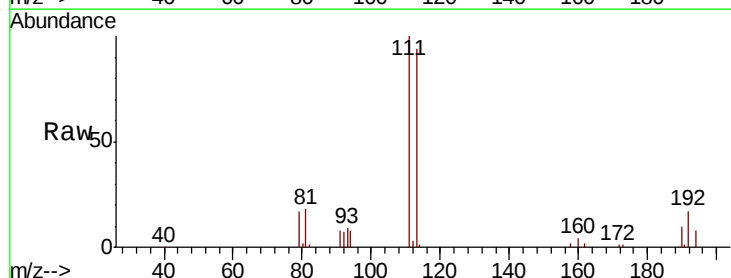
Tgt Ion:113 Resp: 26882

Ion Ratio Lower Upper

113 100

111 101.7 82.6 124.0

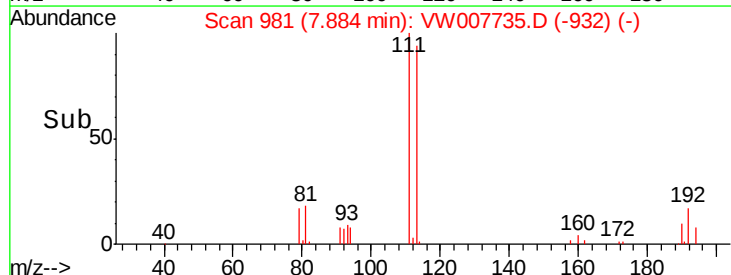
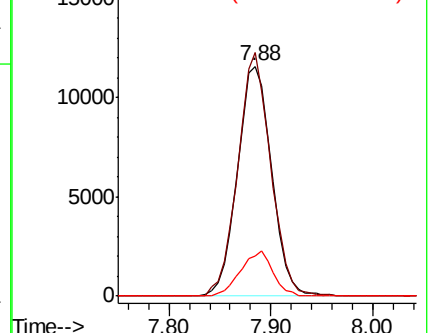
192 18.6 15.5 23.3

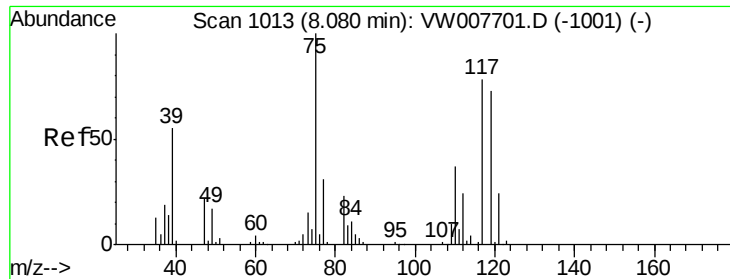


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.795 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW007735.D

Acq: 20 Dec 2018 08:58

Instrument :

MSVOA_W

ClientSampleId :

P001-SS015-0612-02RE

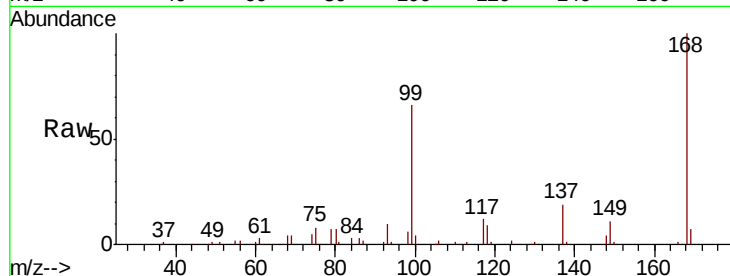
Tot Ion: 75 Resp: 4077

Ion Ratio Lower Upper

75 100

110 10.1 18.6 55.8#

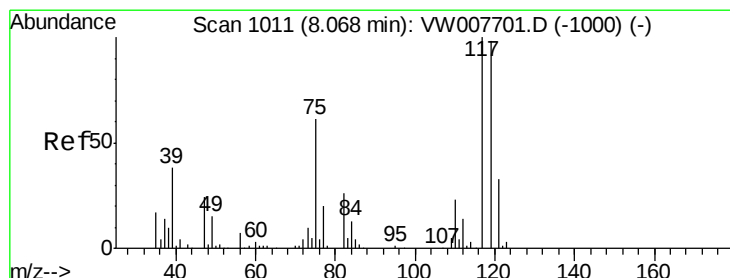
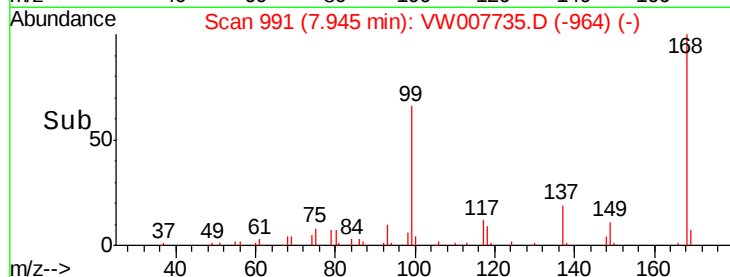
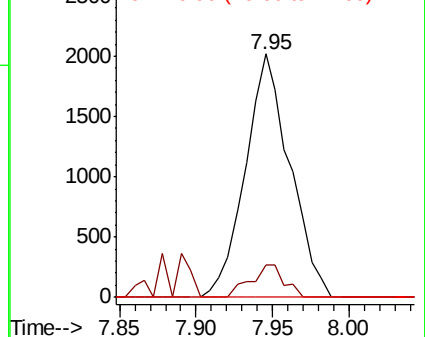
77 0.0 25.0 37.4#



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: 5.964 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW007735.D

Acq: 20 Dec 2018 08:58

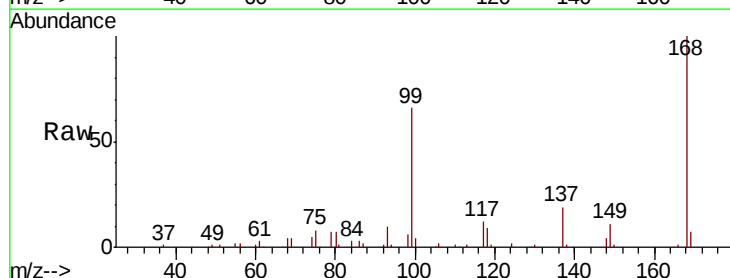
Tgt Ion: 117 Resp: 5972

Ion Ratio Lower Upper

117 100

119 5.3 78.2 117.2#

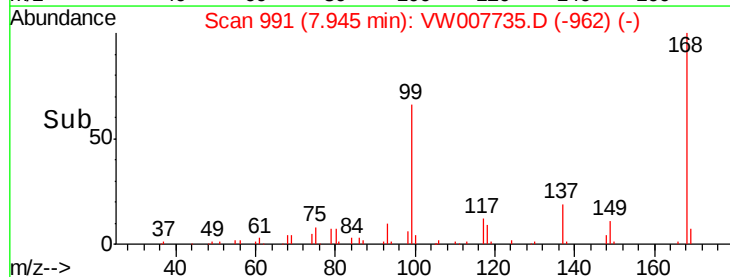
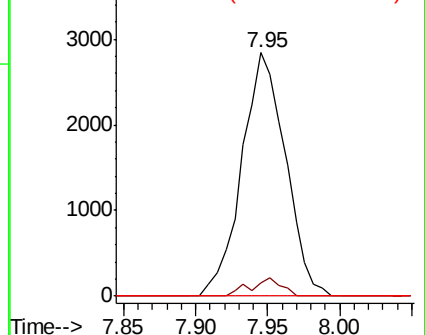
121 0.0 26.1 39.1#

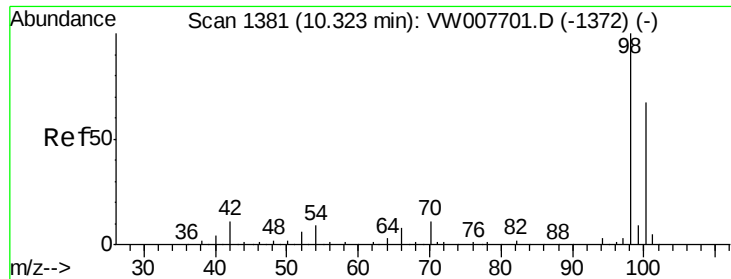


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 34.175 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007735.D

Acq: 20 Dec 2018 08:58

Instrument :

MSVOA_W

ClientSampleId :

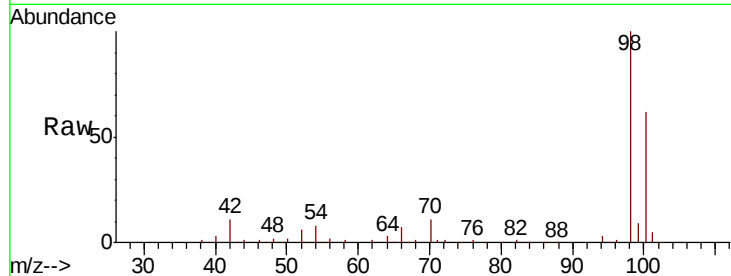
P001-SS015-0612-02RE

Tot Ion: 98 Resp: 69243

Ion Ratio Lower Upper

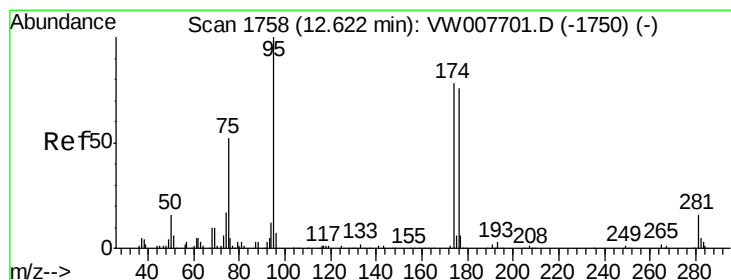
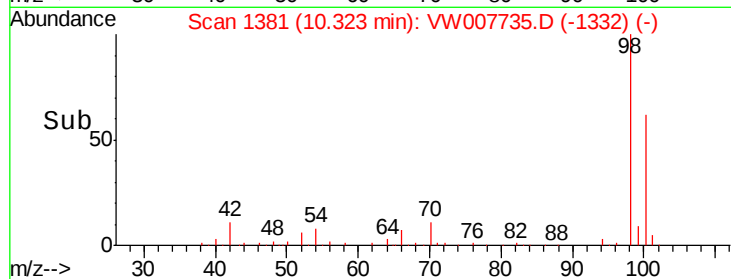
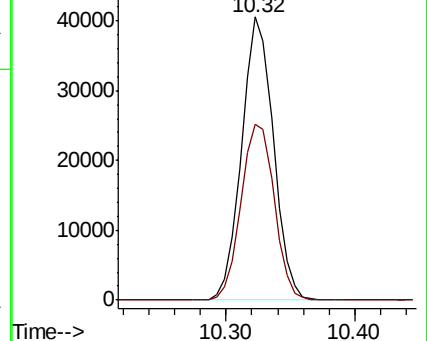
98 100

100 64.9 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 19.564 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007735.D

Acq: 20 Dec 2018 08:58

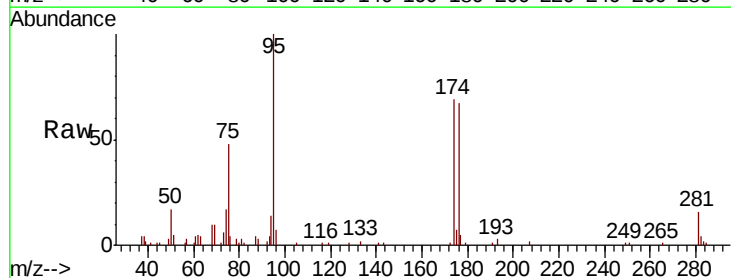
Tgt Ion: 95 Resp: 15313

Ion Ratio Lower Upper

95 100

174 73.1 0.0 152.2

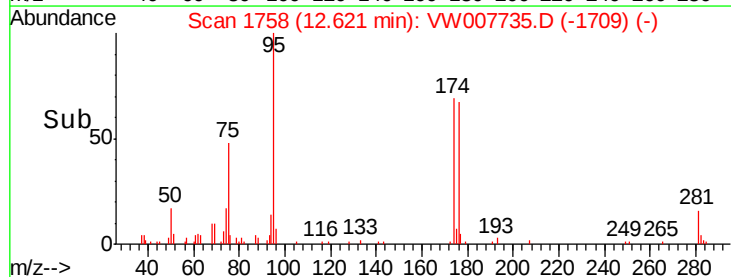
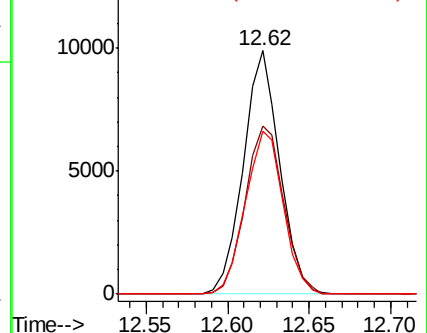
176 70.0 0.0 146.8

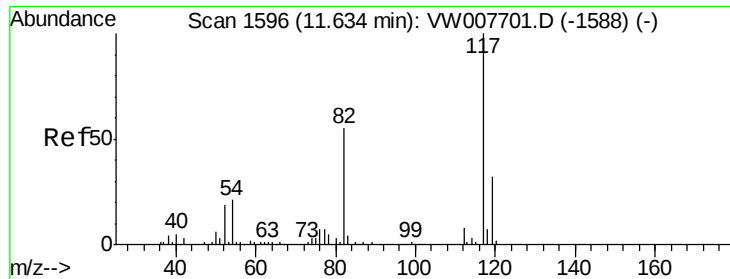


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

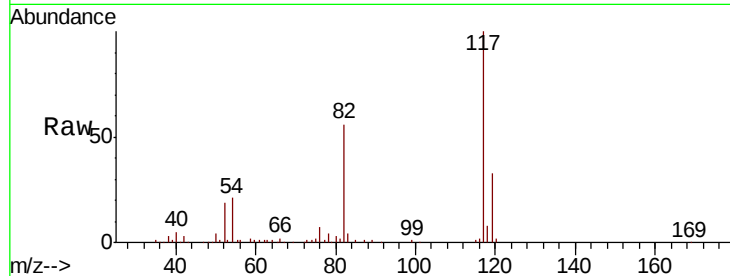




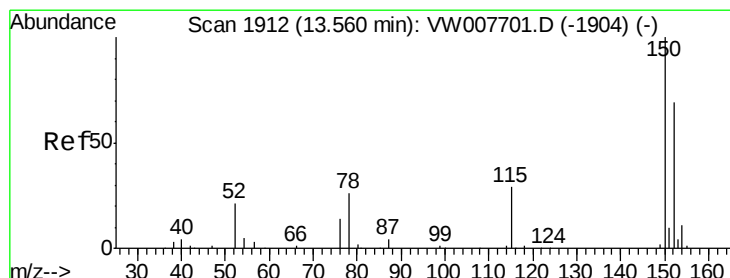
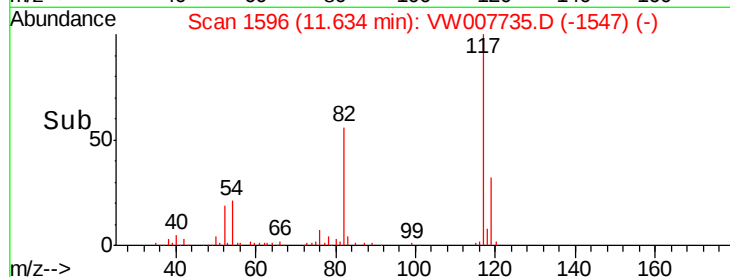
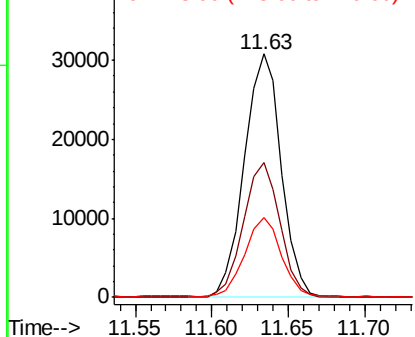
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007735.D
Acq: 20 Dec 2018 08:58

Instrument :
MSVOA_W
ClientSampleId :
P001-SS015-0612-02RE

Tot Ion:117 Resp: 51629
Ion Ratio Lower Upper
117 100
82 55.5 44.3 66.5
119 32.4 25.7 38.5

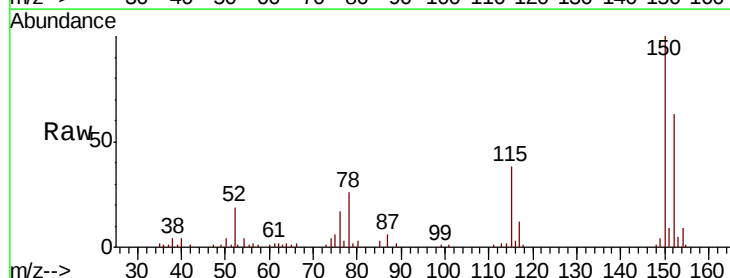


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

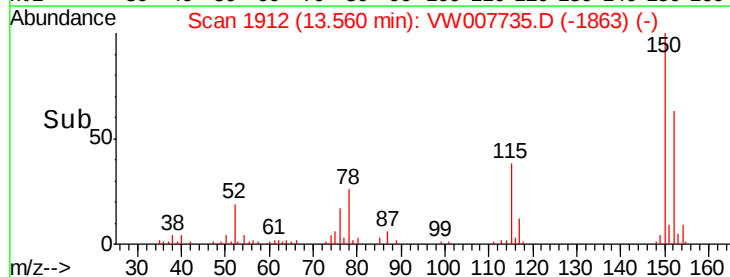
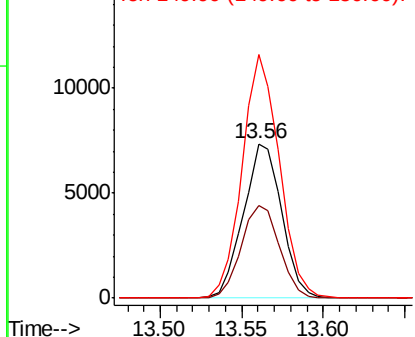


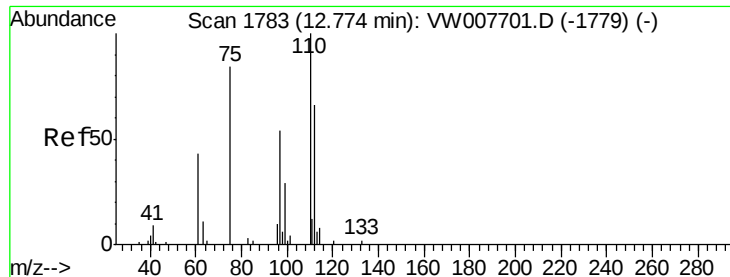
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007735.D
Acq: 20 Dec 2018 08:58

Tgt Ion:152 Resp: 12001
Ion Ratio Lower Upper
152 100
115 59.9 31.8 95.4
150 153.2 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: 84.436 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007735.D

Acq: 20 Dec 2018 08:58

Instrument :

MSVOA_W

ClientSampleId :

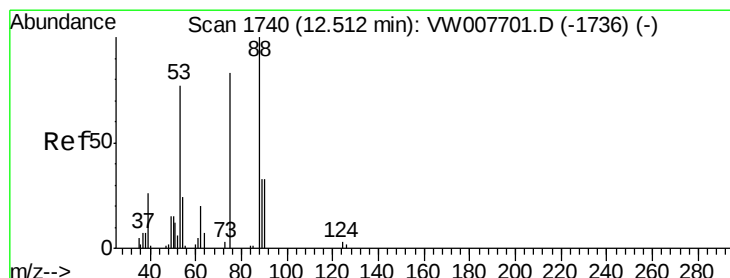
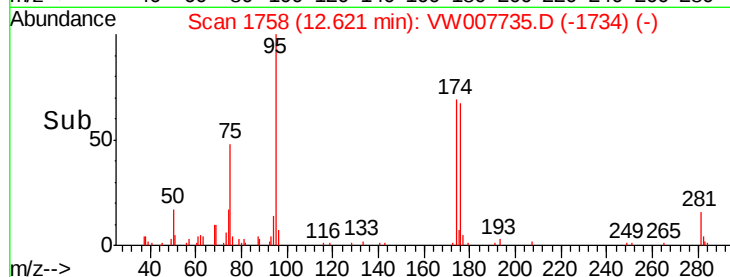
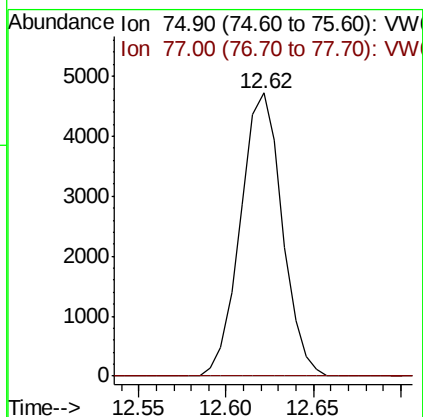
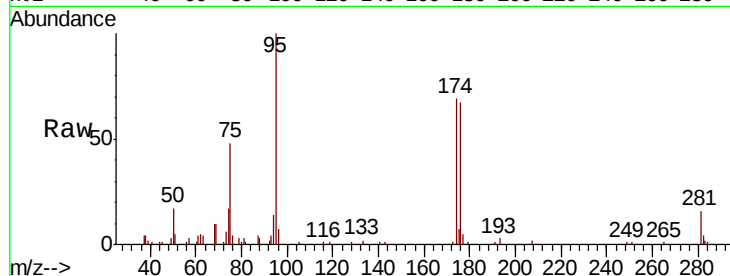
P001-SS015-0612-02RE

Tot Ion: 75 Resp: 7832

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



#81

trans-1,4-Dichloro-2-butene

Concen: 177.238 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW007735.D

Acq: 20 Dec 2018 08:58

Tgt Ion: 75 Resp: 7832

Ion Ratio Lower Upper

75 100

53 0.0 80.2 120.2#

89 0.0 39.2 58.8#

