

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122118\
 Data File : VW007731.D
 Acq On : 20 Dec 2018 07:15
 Operator : SY/AP
 Sample : J6379-07RE
 Misc : 5.26G/5ML/MSVOA_W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS004-0612-01

Quant Time: Dec 20 07:55:09 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	77563	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	129542	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	96366	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	31565	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	40277	47.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.76%	
35) Dibromofluoromethane	7.88	113	35836	45.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.70%	
50) Toluene-d8	10.32	98	113114	37.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.94%	
62) 4-Bromofluorobenzene	12.62	95	33784	29.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.70%	

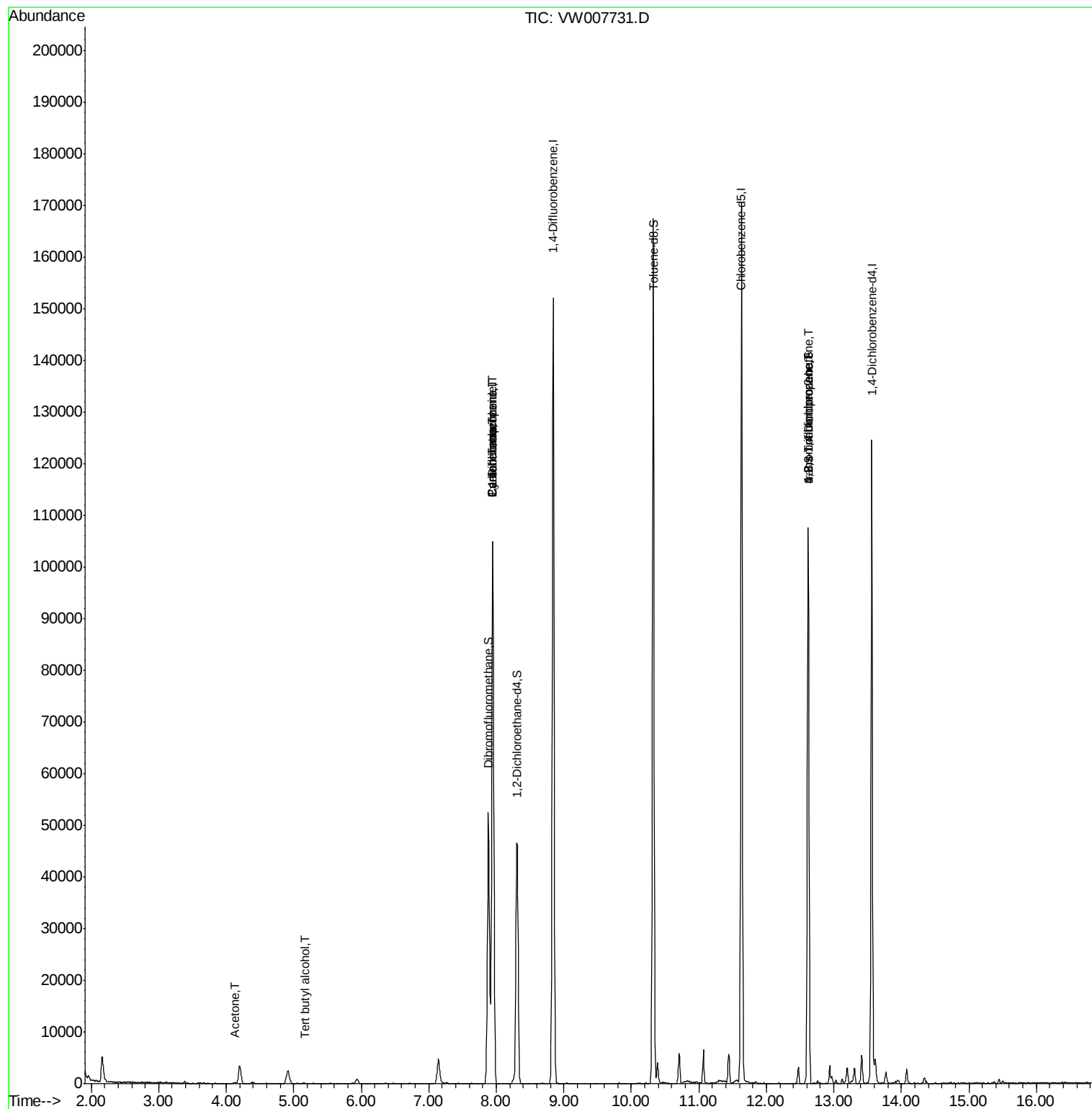
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	63	1.099	ug/l #	73
16) Acetone	4.13	43	384	2.412	ug/l #	48
20) Methylene Chloride	4.90	84	1238	Below Cal	#	89
31) Cyclohexane	7.95	56	1544	1.220	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	5820	4.655	ug/l #	49
38) Carbon Tetrachloride	7.95	117	8167	5.546	ug/l #	14
76) 1,2,3-Trichloropropane	12.62	75	17647	72.333	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	17647	151.833	ug/l #	9

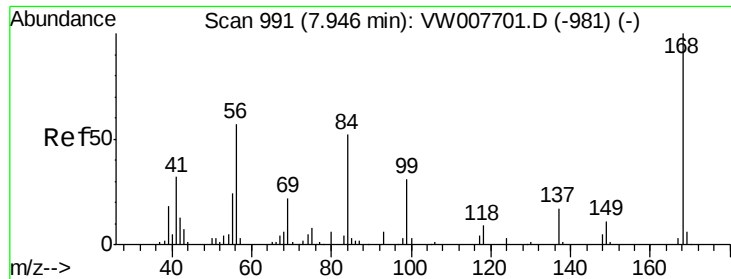
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: VW007731.D

Acq: 20 Dec 2018 07:15

Instrument :

MSVOA_W

ClientSampleId :

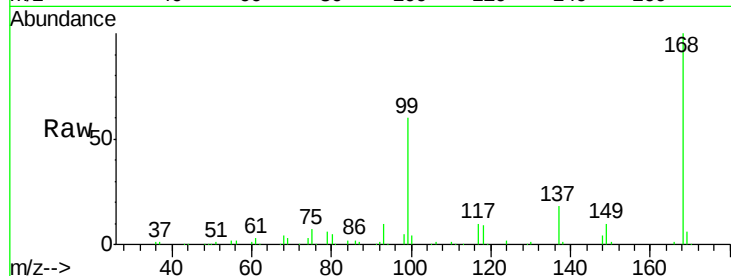
P001-SS004-0612-01

Tgt Ion:168 Resp: 77563

Ion Ratio Lower Upper

168 100

99 59.8 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

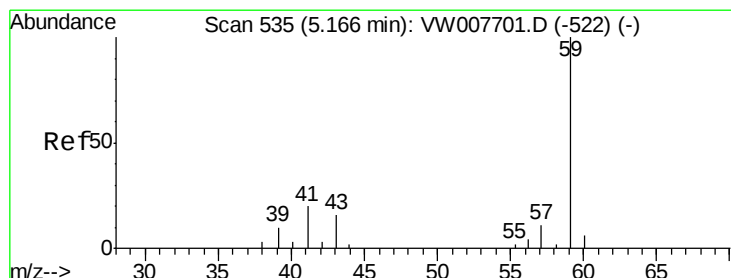
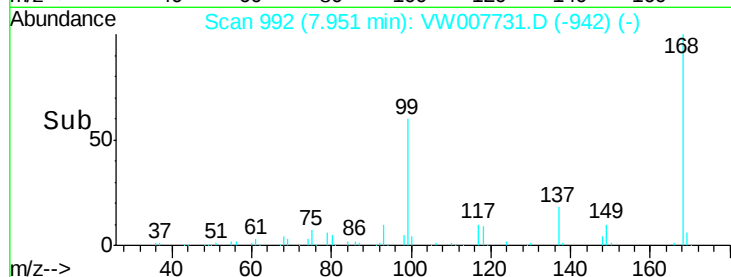
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#11

Tert butyl alcohol

Concen: 1.099 ug/l

RT: 5.17 min Scan# 536

Delta R.T. 0.01 min

Lab File: VW007731.D

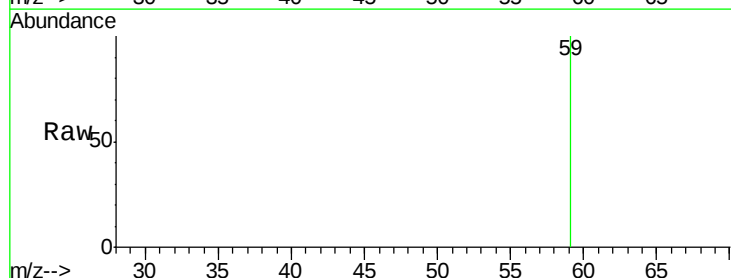
Acq: 20 Dec 2018 07:15

Tgt Ion: 59 Resp: 63

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

100

80

60

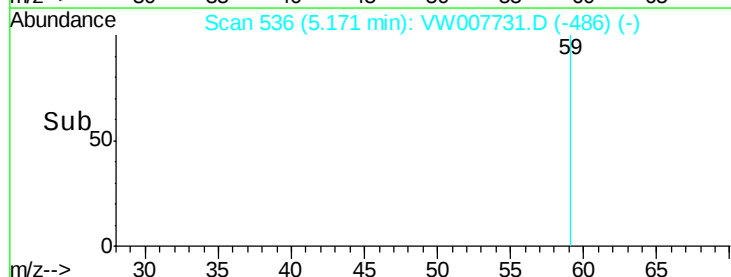
40

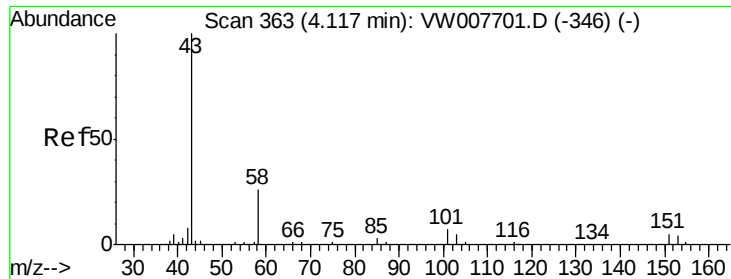
20

0

5.15 5.16 5.17 5.18 5.19

Time-->





#16

Acetone

Concen: 2.412 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007731.D

Acq: 20 Dec 2018 07:15

Instrument :

MSVOA_W

ClientSampleId :

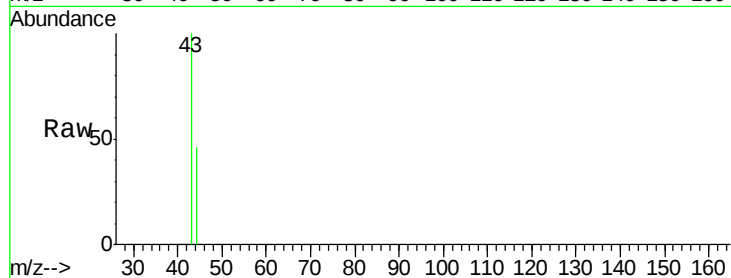
P001-SS004-0612-01

Tgt Ion: 43 Resp: 384

Ion Ratio Lower Upper

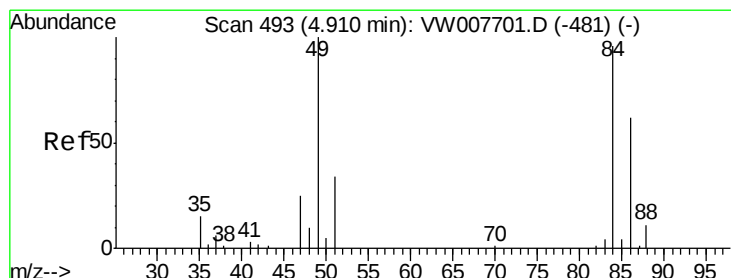
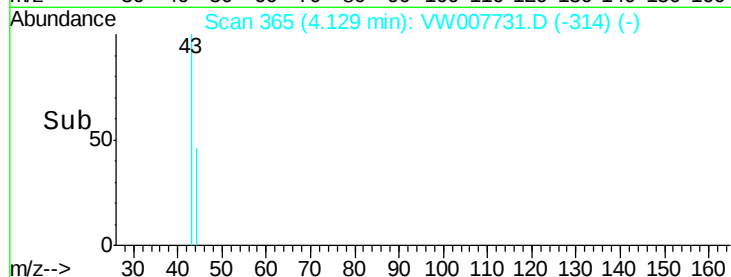
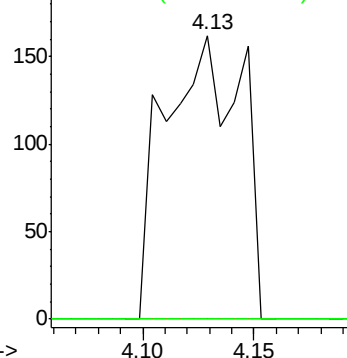
43 100

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



#20

Methylene Chloride

Concen: Below Cal

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW007731.D

Acq: 20 Dec 2018 07:15

Tgt Ion: 84 Resp: 1238

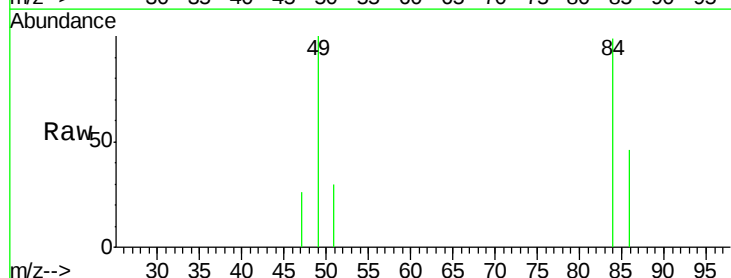
Ion Ratio Lower Upper

84 100

49 100.6 83.7 125.5

51 30.2 28.2 42.2

86 45.9 52.2 78.2#

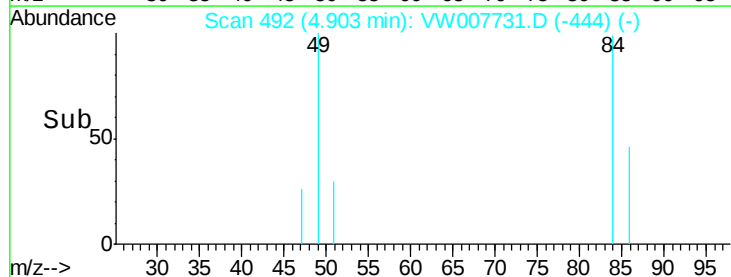
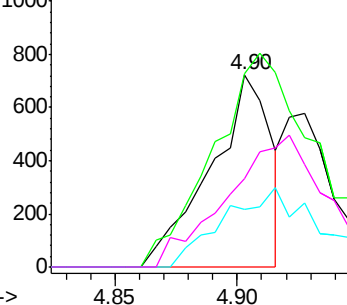


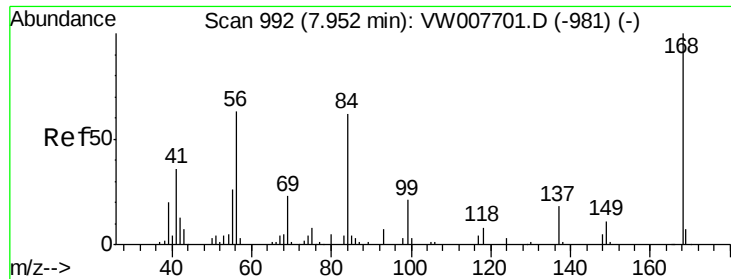
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

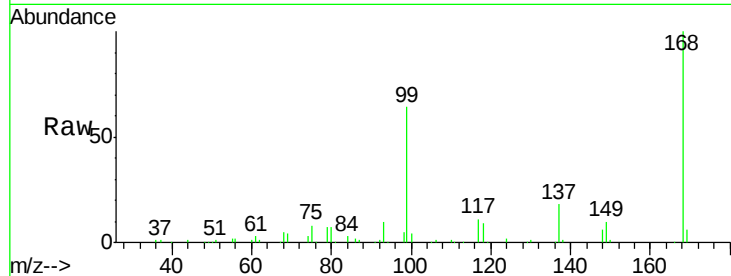




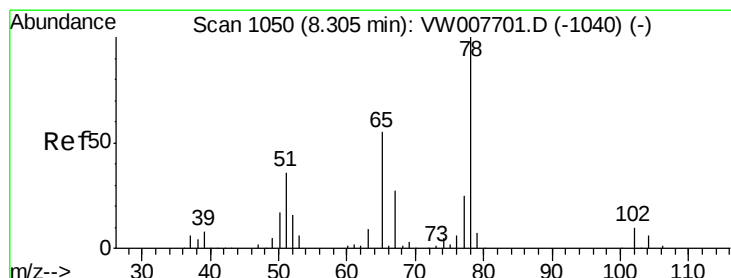
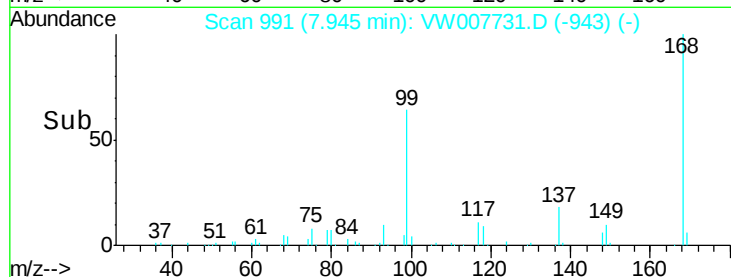
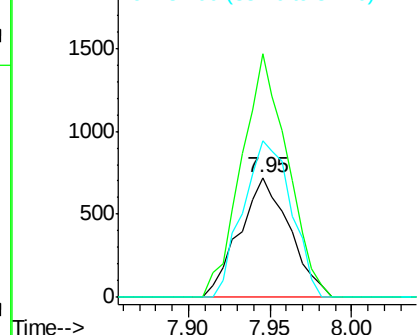
#31
Cyclohexane
Concen: 1.220 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007731.D
Acq: 20 Dec 2018 07:15

Instrument :
MSVOA_W
ClientSampleId :
P001-SS004-0612-01

Tgt Ion: 56 Resp: 1544
Ion Ratio Lower Upper
56 100
69 203.6 29.7 44.5#
84 131.4 78.9 118.3#

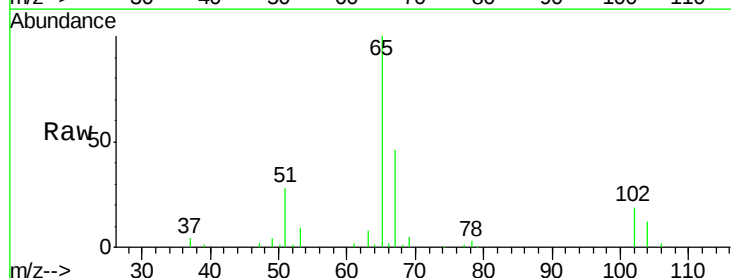


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

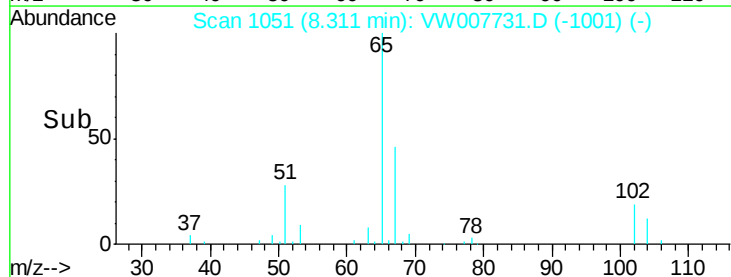
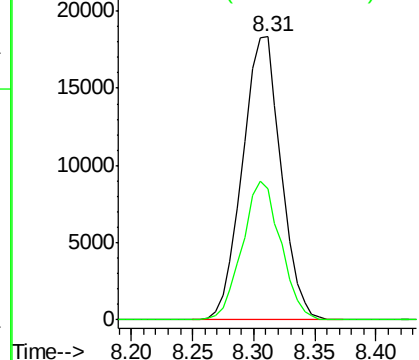


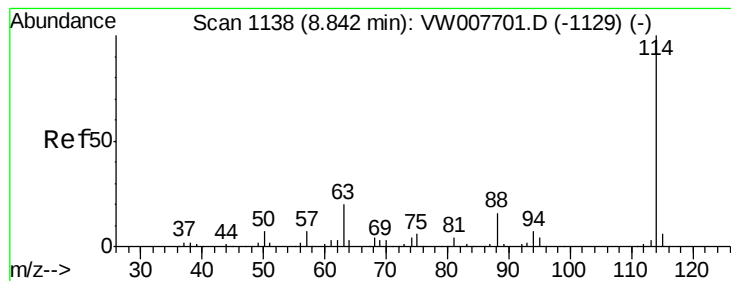
#33
1,2-Dichloroethane-d4
Concen: 47.378 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VW007731.D
Acq: 20 Dec 2018 07:15

Tgt Ion: 65 Resp: 40277
Ion Ratio Lower Upper
65 100
67 48.5 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: VW007731.D

Acq: 20 Dec 2018 07:15

Instrument :

MSVOA_W

ClientSampleId :

P001-SS004-0612-01

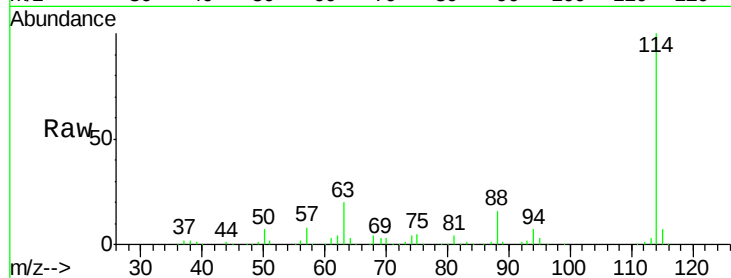
Tgt Ion:114 Resp: 129542

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.0

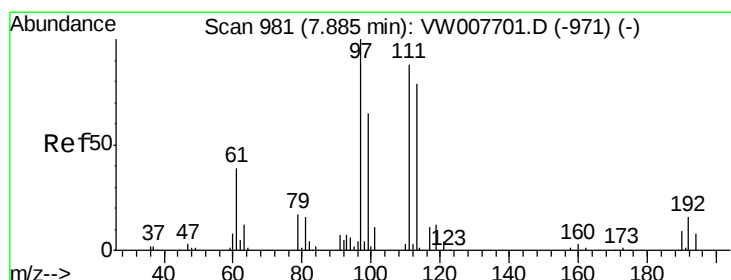
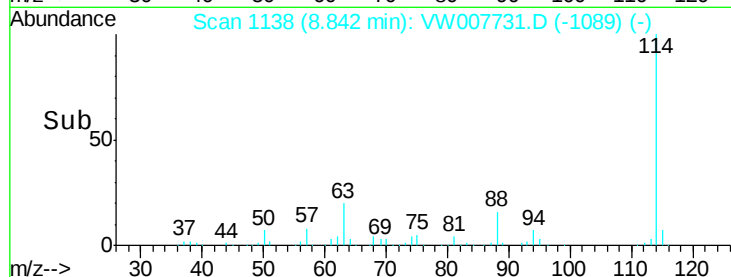
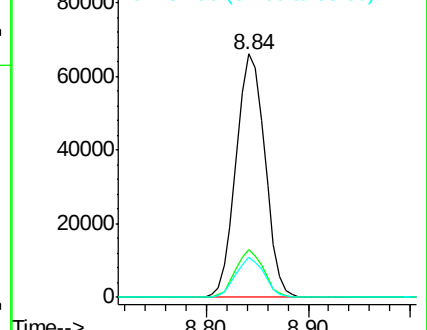
88 16.3 0.0 32.6



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: 45.346 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007731.D

Acq: 20 Dec 2018 07:15

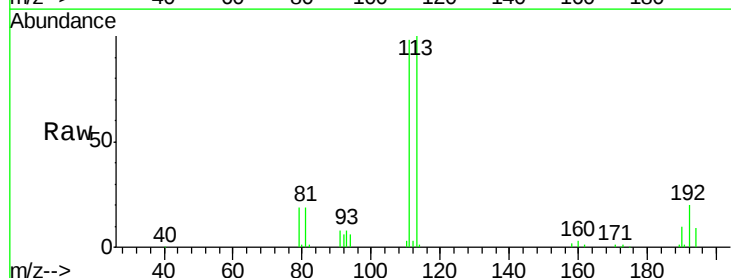
Tgt Ion:113 Resp: 35836

Ion Ratio Lower Upper

113 100

111 103.4 82.6 124.0

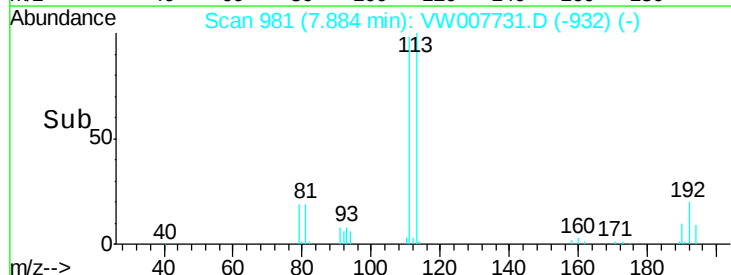
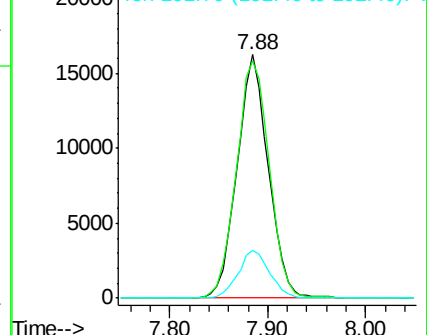
192 19.7 15.5 23.3

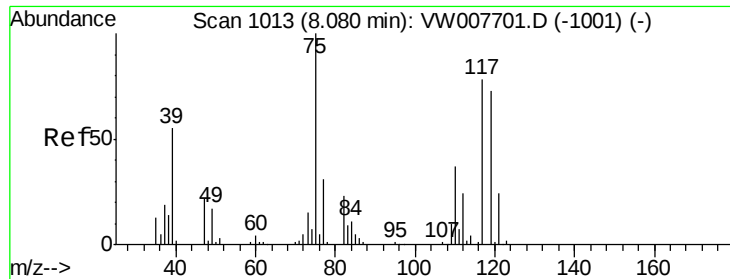


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.655 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW007731.D

Acq: 20 Dec 2018 07:15

Instrument :

MSVOA_W

ClientSampleId :

P001-SS004-0612-01

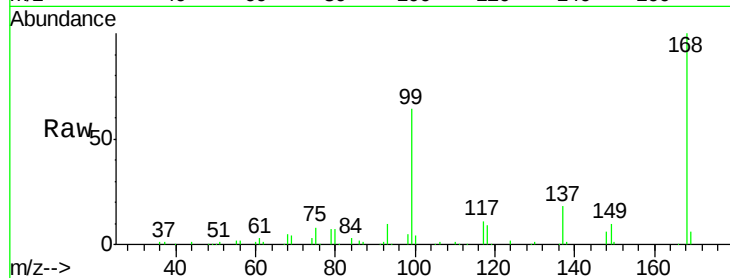
Tgt Ion: 75 Resp: 5820

Ion Ratio Lower Upper

75 100

110 9.9 18.6 55.8#

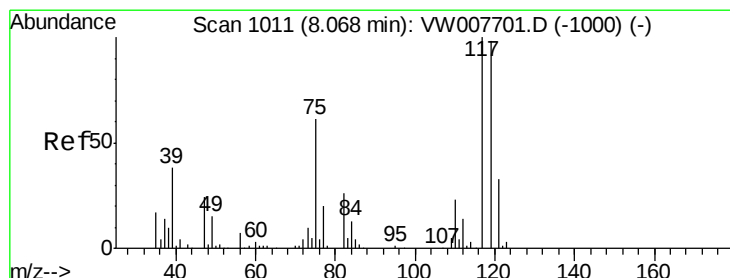
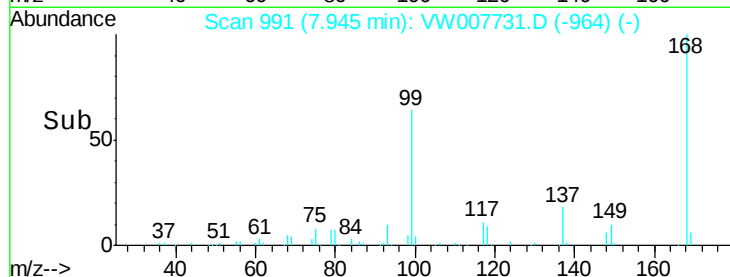
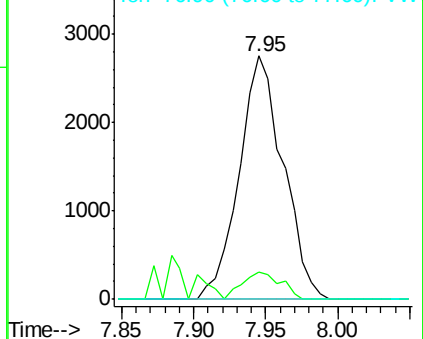
77 0.0 25.0 37.4#



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: 5.546 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW007731.D

Acq: 20 Dec 2018 07:15

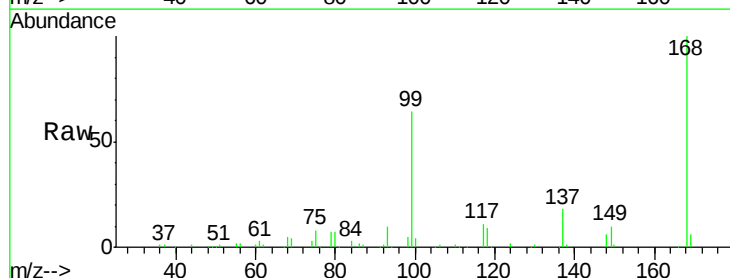
Tgt Ion: 117 Resp: 8167

Ion Ratio Lower Upper

117 100

119 4.2 78.2 117.2#

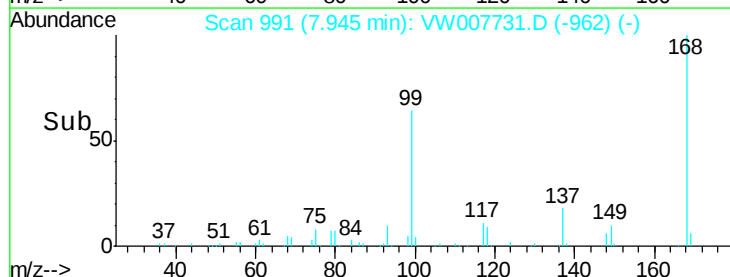
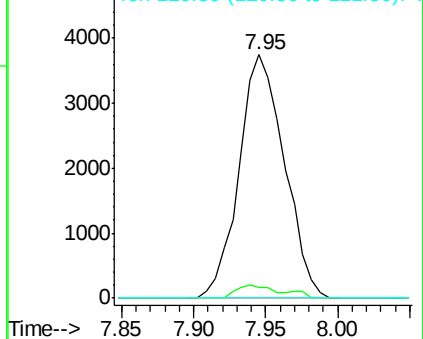
121 0.0 26.1 39.1#

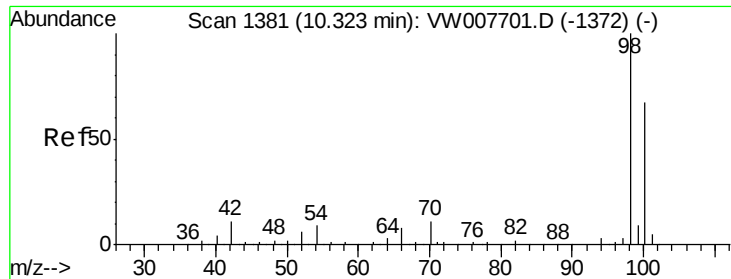


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 37.968 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007731.D

Acq: 20 Dec 2018 07:15

Instrument :

MSVOA_W

ClientSampleId :

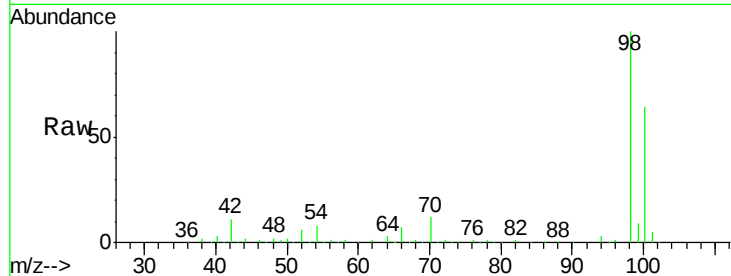
P001-SS004-0612-01

Tgt Ion: 98 Resp: 113114

Ion Ratio Lower Upper

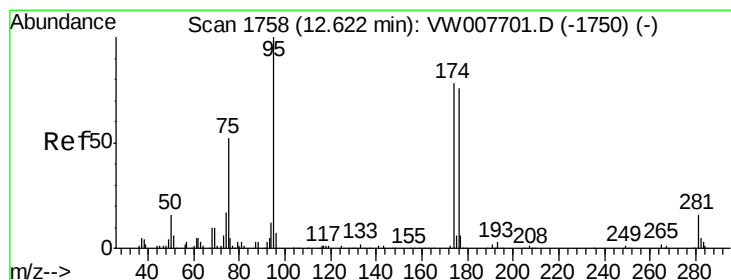
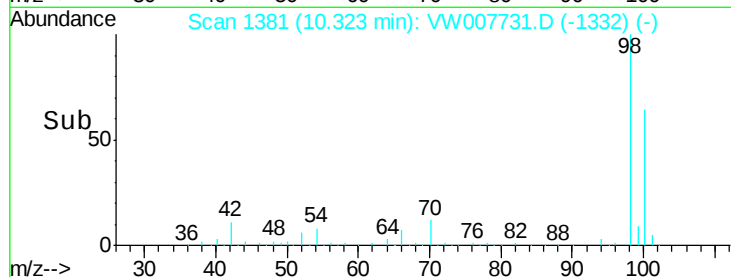
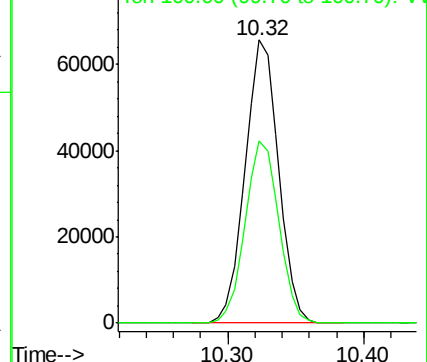
98 100

100 65.0 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: 29.354 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007731.D

Acq: 20 Dec 2018 07:15

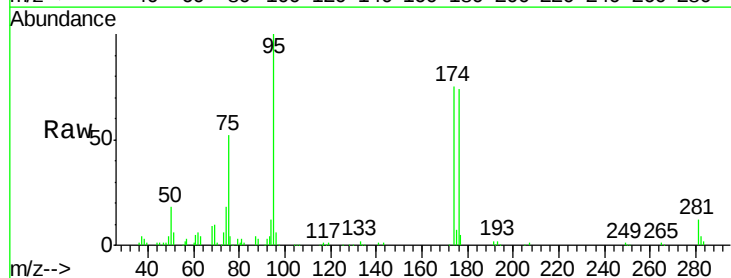
Tgt Ion: 95 Resp: 33784

Ion Ratio Lower Upper

95 100

174 76.9 0.0 152.2

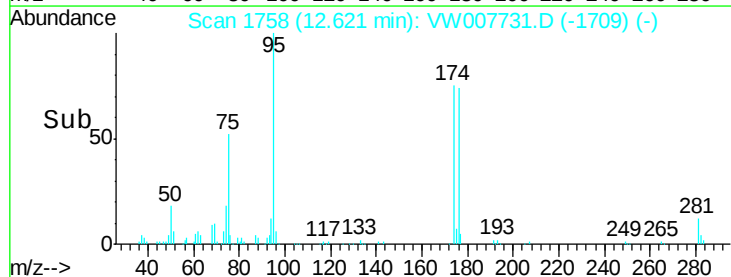
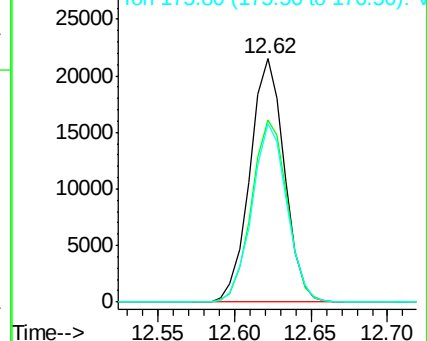
176 74.1 0.0 146.8

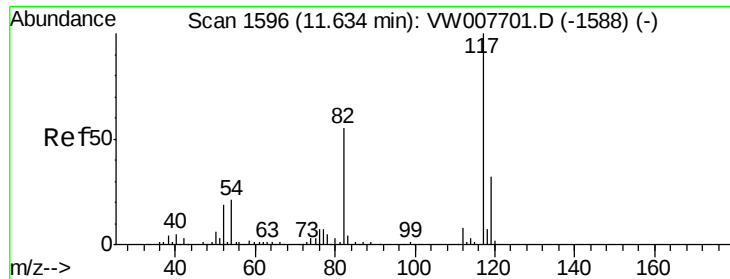


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

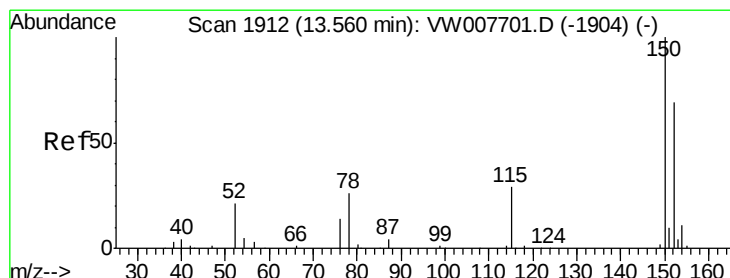
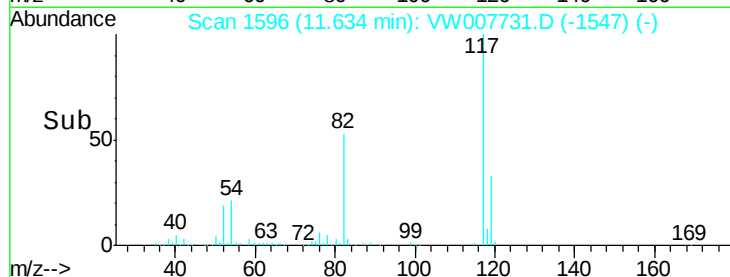
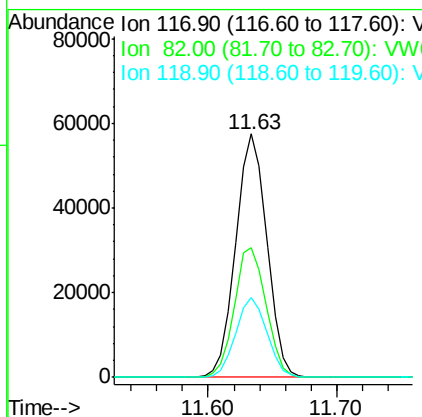
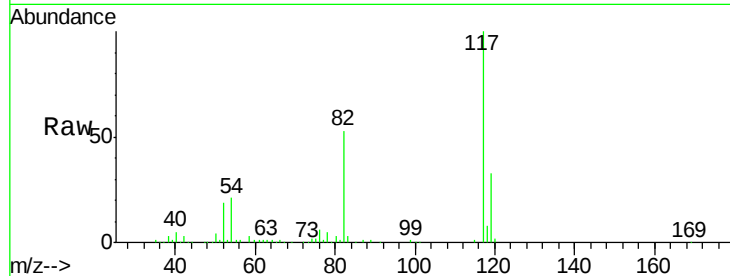




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007731.D
Acq: 20 Dec 2018 07:15

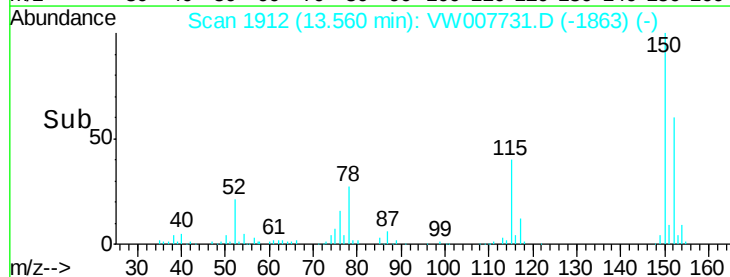
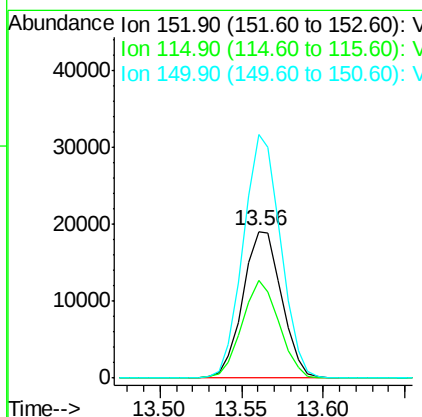
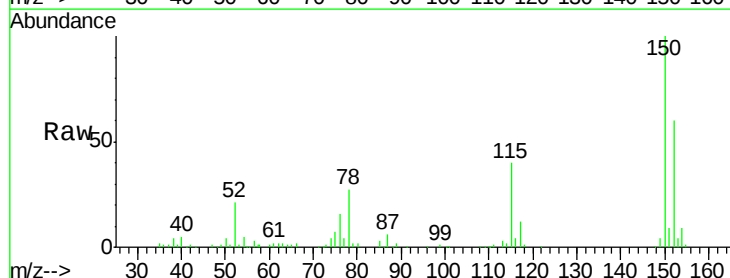
Instrument :
MSVOA_W
ClientSampleId :
P001-SS004-0612-01

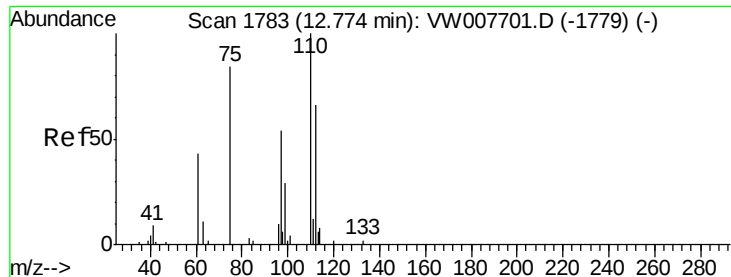
Tgt Ion:117 Resp: 96366
Ion Ratio Lower Upper
117 100
82 53.1 44.3 66.5
119 32.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007731.D
Acq: 20 Dec 2018 07:15

Tgt Ion:152 Resp: 31565
Ion Ratio Lower Upper
152 100
115 63.6 31.8 95.4
150 160.1 0.0 350.8





#76

1,2,3-Trichloropropane

Concen: 72.333 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007731.D

Acq: 20 Dec 2018 07:15

Instrument :

MSVOA_W

ClientSampleId :

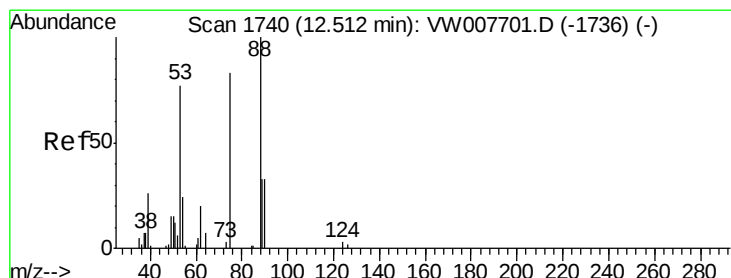
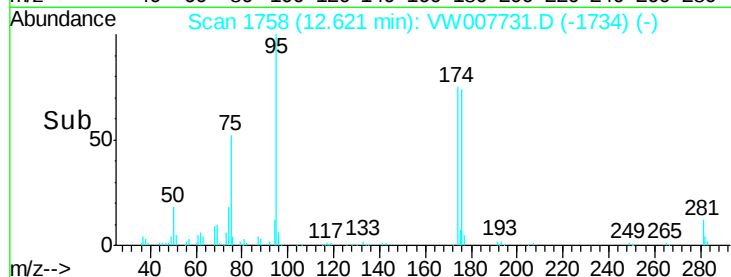
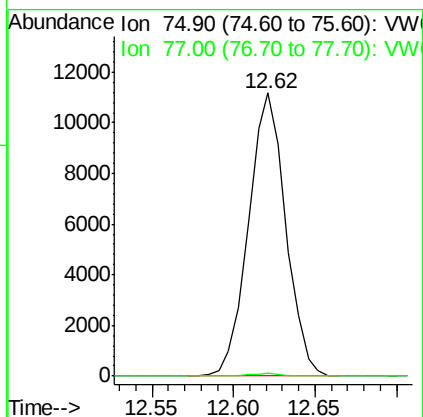
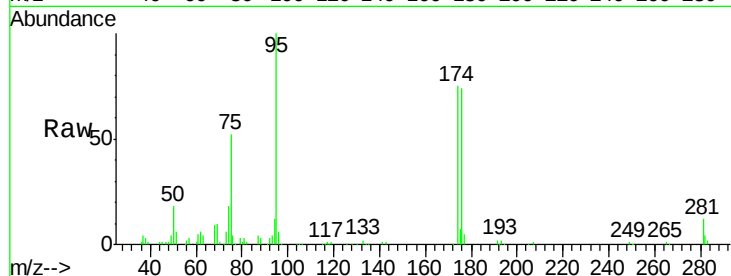
P001-SS004-0612-01

Tgt Ion: 75 Resp: 17647

Ion Ratio Lower Upper

75 100

77 0.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 151.833 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW007731.D

Acq: 20 Dec 2018 07:15

Tgt Ion: 75 Resp: 17647

Ion Ratio Lower Upper

75 100

53 0.0 80.2 120.2#

89 0.0 39.2 58.8#

