

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122118\
 Data File : VW007712.D
 Acq On : 19 Dec 2018 20:54
 Operator : SY/AP
 Sample : J6392-03
 Misc : 5.71G/5ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 KY001SB102-121118-(13-15)

Quant Time: Dec 20 06:51:07 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	96503	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	159743	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	142040	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	70379	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	40324	38.12	ug/l	0.00
Spiked Amount			Recovery	=	76.24%	
35) Dibromofluoromethane	7.88	113	37162	38.13	ug/l	0.00
Spiked Amount			Recovery	=	76.26%	
50) Toluene-d8	10.32	98	129313	35.20	ug/l	0.00
Spiked Amount			Recovery	=	70.40%	
62) 4-Bromofluorobenzene	12.62	95	51114	36.01	ug/l	0.00
Spiked Amount			Recovery	=	72.02%	

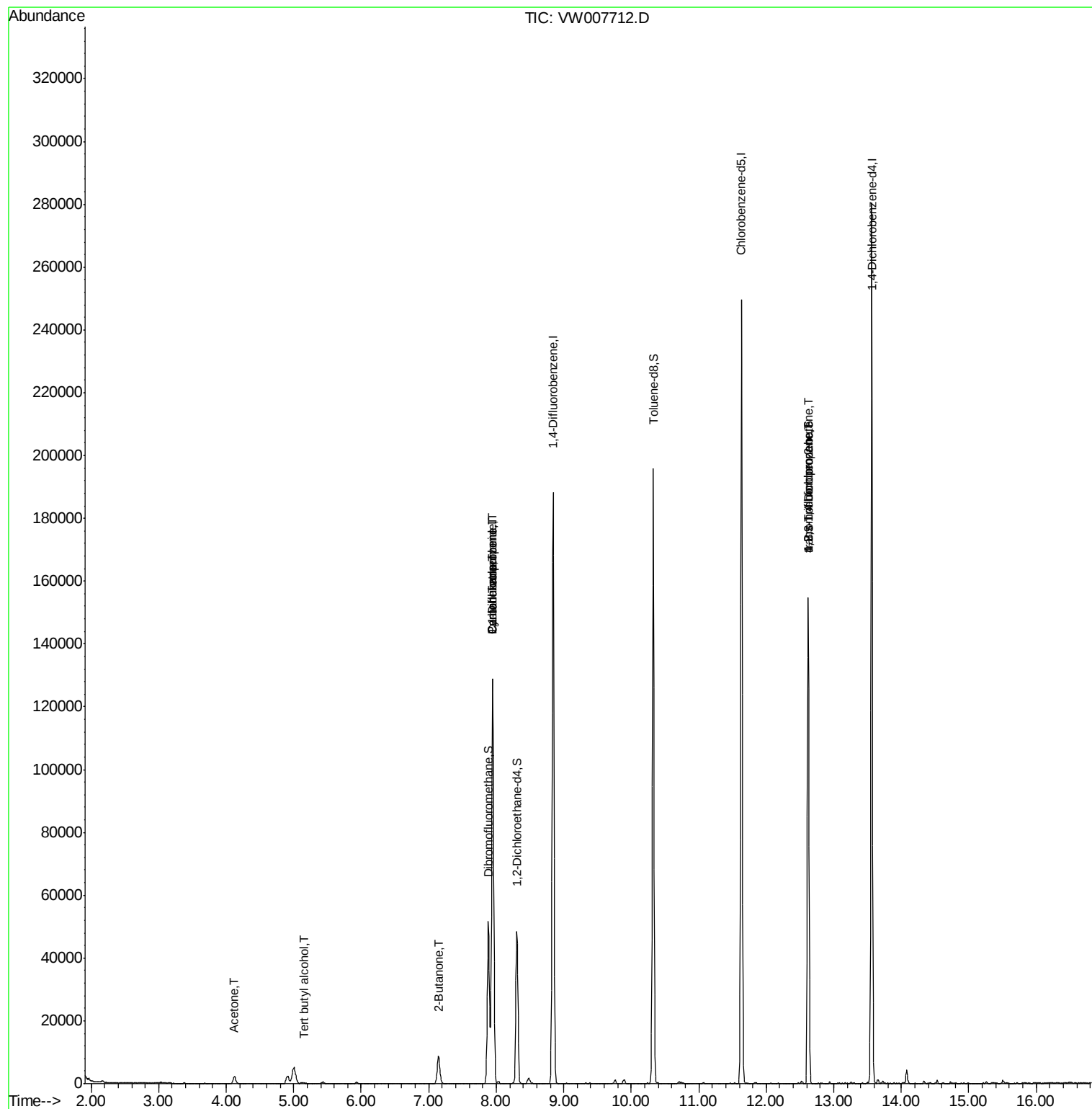
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.16	59	326	4.569	ug/l #	73
16) Acetone	4.11	43	4261	21.513	ug/l	98
20) Methylene Chloride	4.90	84	2299	Below Cal	#	83
25) 2-Butanone	7.15	43	454	1.957	ug/l #	44
31) Cyclohexane	7.95	56	2057	1.306	ug/l #	30
36) 1,1-Dichloropropene	7.95	75	7135	4.628	ug/l #	52
38) Carbon Tetrachloride	7.95	117	9990	5.502	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	27084	49.790	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	27084	104.513	ug/l #	9

(#) = 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# 991

Delta R.T. -0.00 min

Lab File: VW007712.D

Acq: 19 Dec 2018 20:54

Instrument :

MSVOA_W

ClientSampleId :

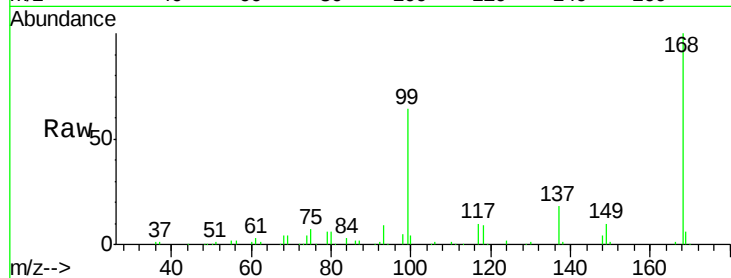
KY001SB102-121118-(13-15)

Tgt Ion:168 Resp: 96503

Ion Ratio Lower Upper

168 100

99 63.9 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

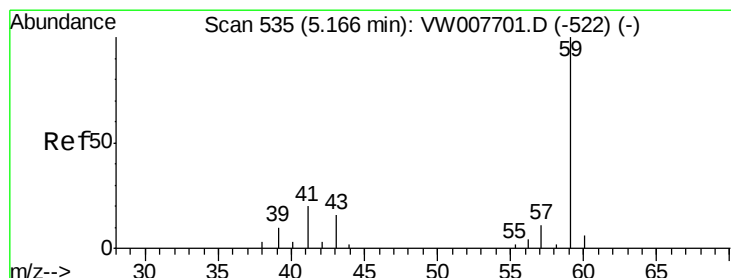
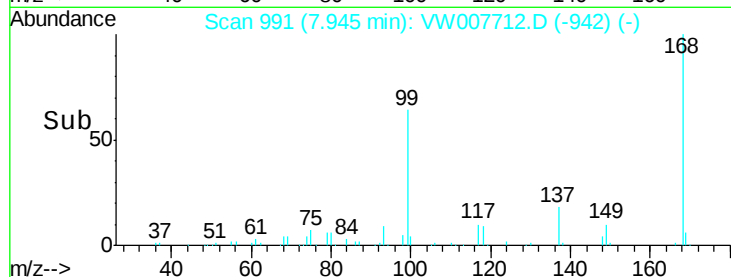
20000

10000

0

7.90 8.00

Time-->



#11

Tert butyl alcohol

Concen: 4.569 ug/l

RT: 5.16 min Scan# 534

Delta R.T. -0.01 min

Lab File: VW007712.D

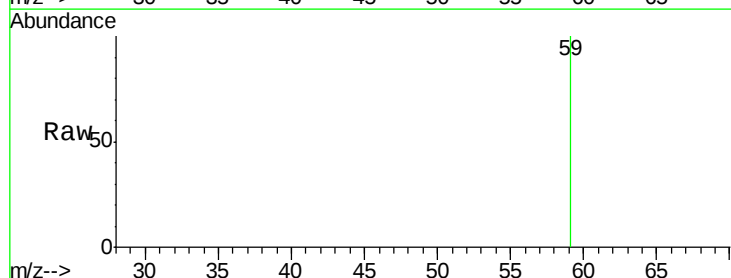
Acq: 19 Dec 2018 20:54

Tgt Ion: 59 Resp: 326

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

150

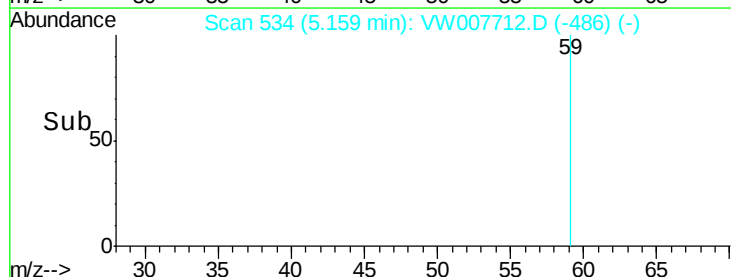
100

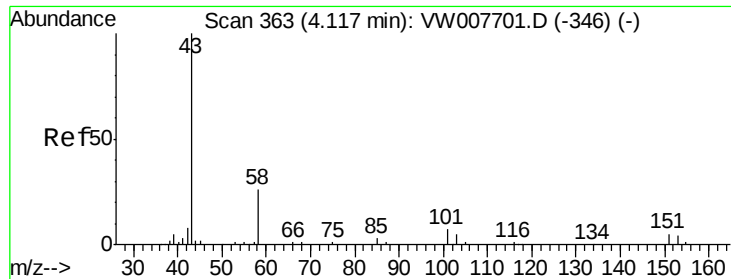
50

0

5.10 5.15 5.20

Time-->





#16

Acetone

Concen: 21.513 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW007712.D

Acq: 19 Dec 2018 20:54

Instrument :

MSVOA_W

ClientSampleId :

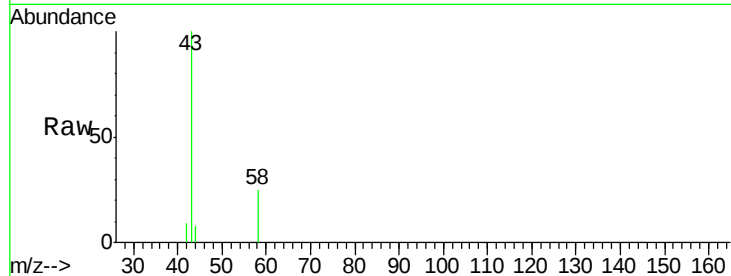
KY001SB102-121118-(13-15)

Tgt Ion: 43 Resp: 4261

Ion Ratio Lower Upper

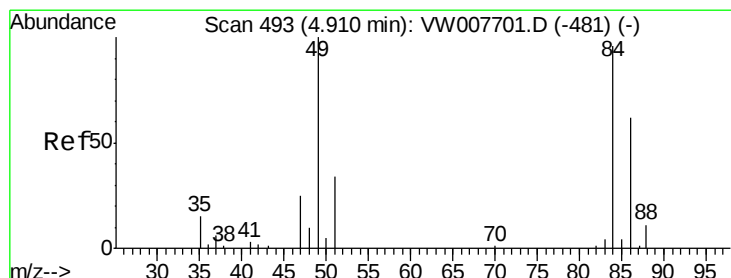
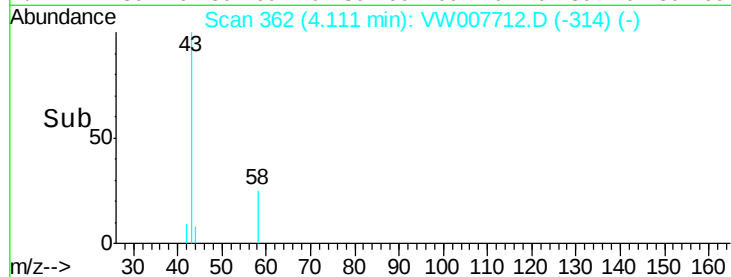
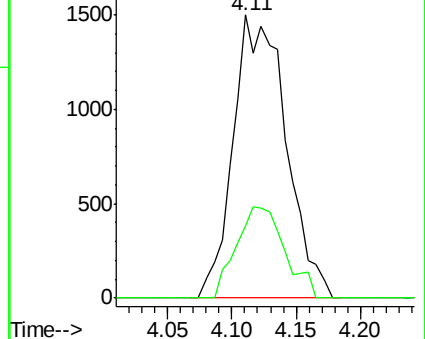
43 100

58 25.5 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: VW007712.D

Acq: 19 Dec 2018 20:54

Tgt Ion: 84 Resp: 2299

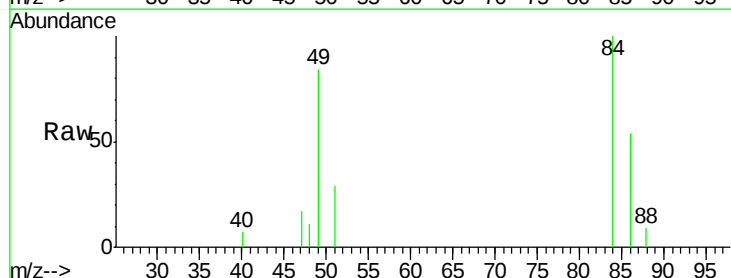
Ion Ratio Lower Upper

84 100

49 83.5 83.7 125.5#

51 28.9 28.2 42.2

86 54.0 52.2 78.2

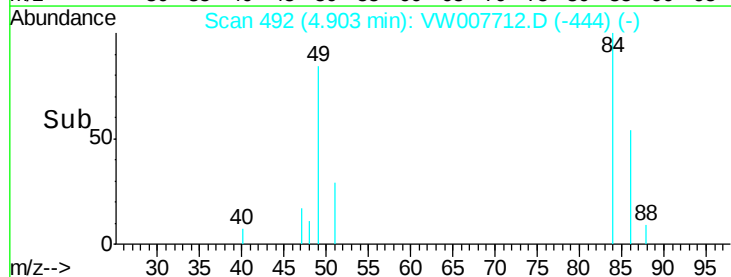
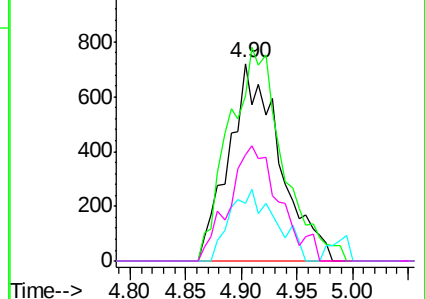


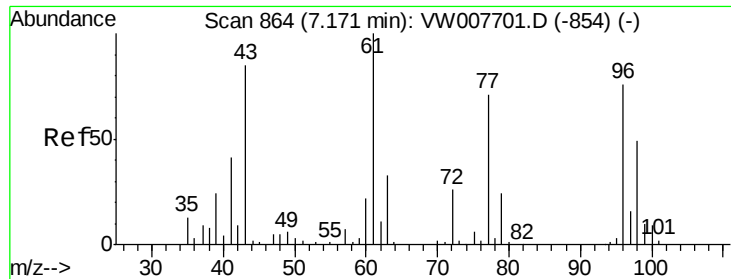
Abundance Ion 83.90 (83.60 to 84.60): VW

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

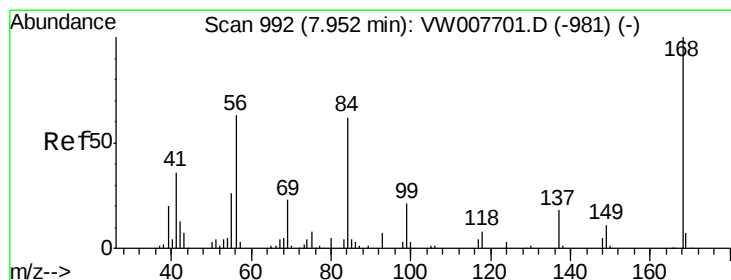
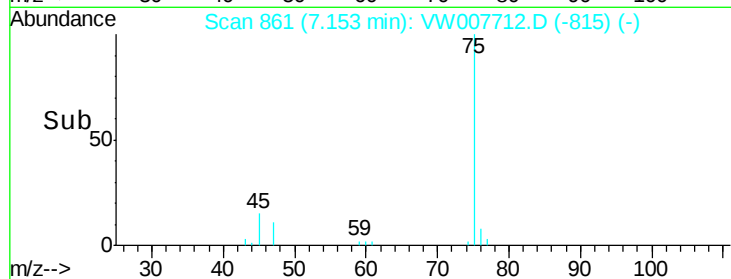
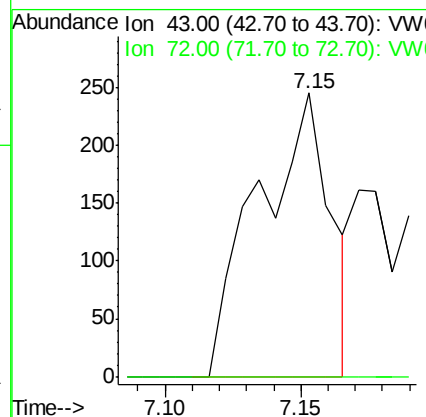
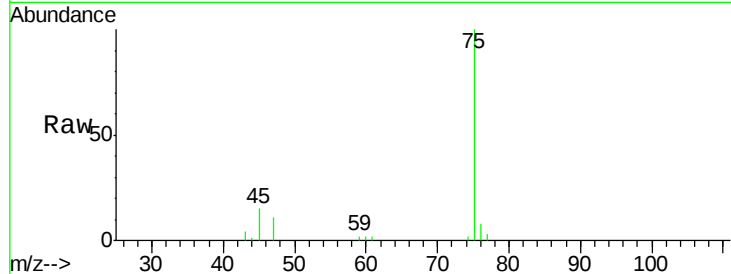




#25
 2-Butanone
 Concen: 1.957 ug/l
 RT: 7.15 min Scan# 861
 Delta R.T. -0.02 min
 Lab File: VW007712.D
 Acq: 19 Dec 2018 20:54

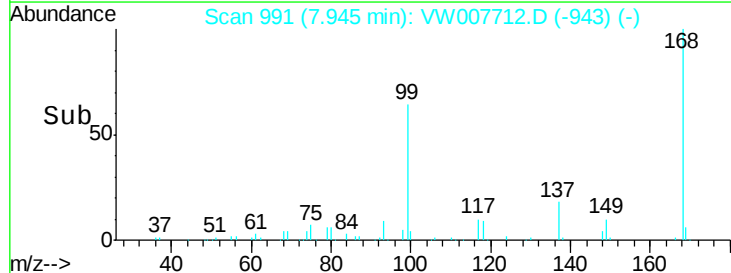
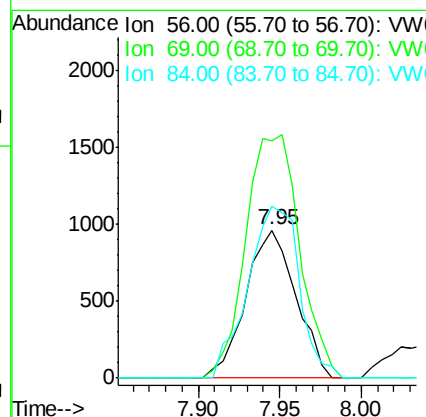
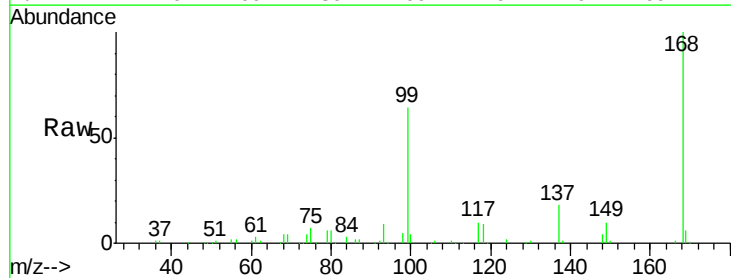
Instrument :
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 KY001SB102-121118-(13-15)

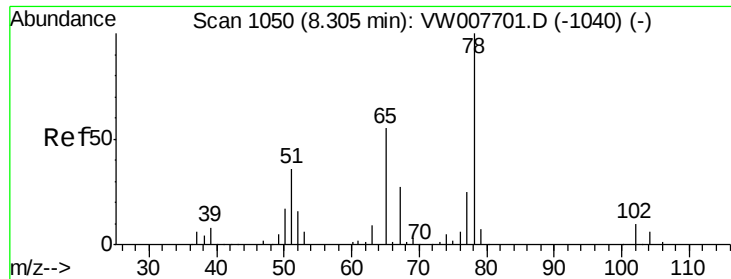
Tgt Ion: 43 Resp: 454
 Ion Ratio Lower Upper
 43 100
 72 0.0 24.5 36.7#



#31
 Cyclohexane
 Concen: 1.306 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: VW007712.D
 Acq: 19 Dec 2018 20:54

Tgt Ion: 56 Resp: 2057
 Ion Ratio Lower Upper
 56 100
 69 160.2 29.7 44.5#
 84 116.5 78.9 118.3

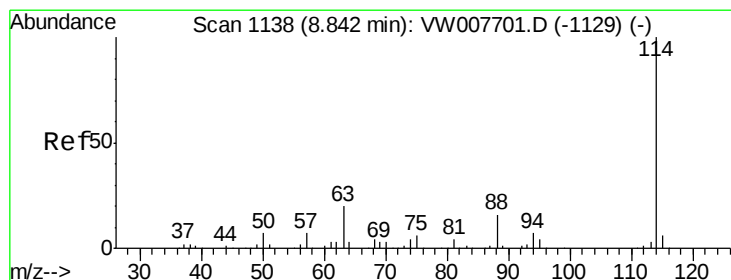
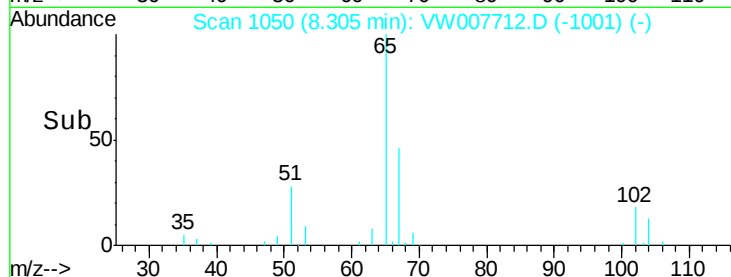
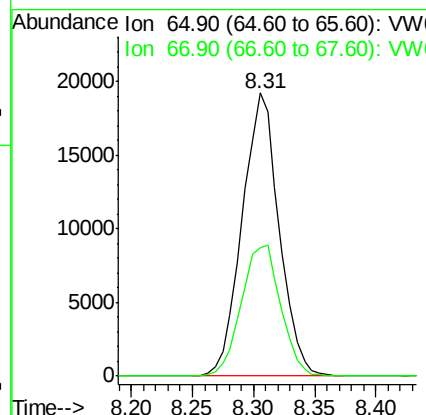
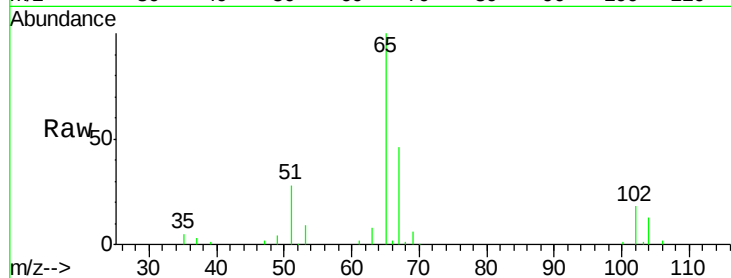




#33
 1,2-Dichloroethane-d4
 Concen: 38.124 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007712.D
 Acq: 19 Dec 2018 20:54

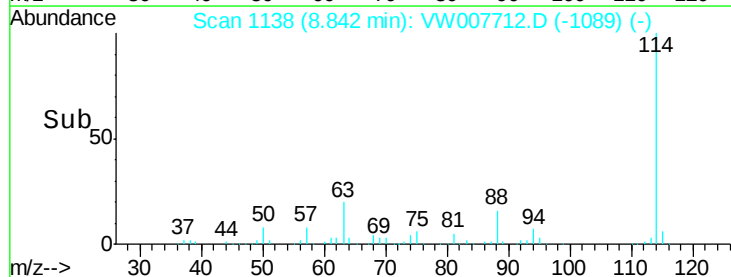
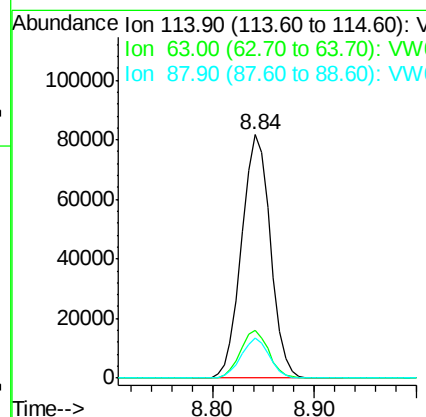
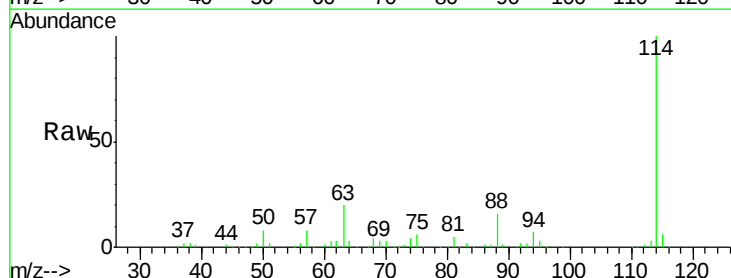
Instrument :
 MSVOA_W
 ClientSampleId :
 KY001SB102-121118-(13-15)

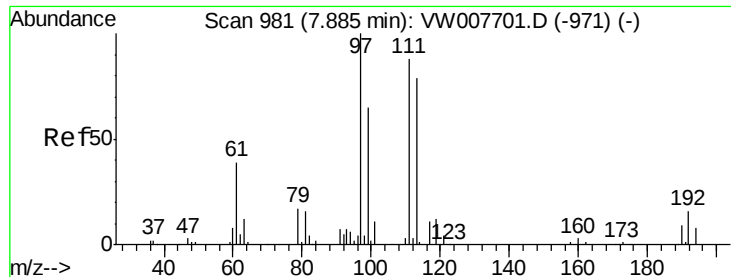
Tgt Ion: 65 Resp: 40324
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007712.D
 Acq: 19 Dec 2018 20:54

Tgt Ion: 114 Resp: 159743
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 16.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 38.134 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007712.D

Acq: 19 Dec 2018 20:54

Instrument :

MSVOA_W

ClientSampleId :

KY001SB102-121118-(13-15)

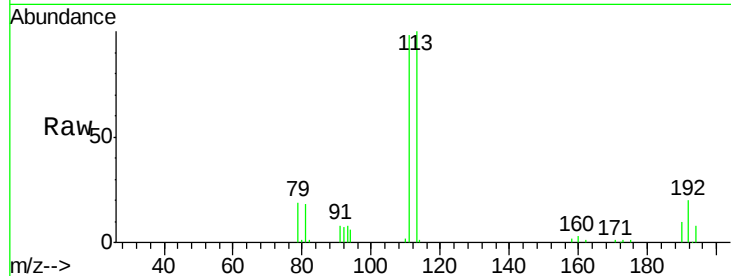
Tgt Ion:113 Resp: 37162

Ion Ratio Lower Upper

113 100

111 102.0 82.6 124.0

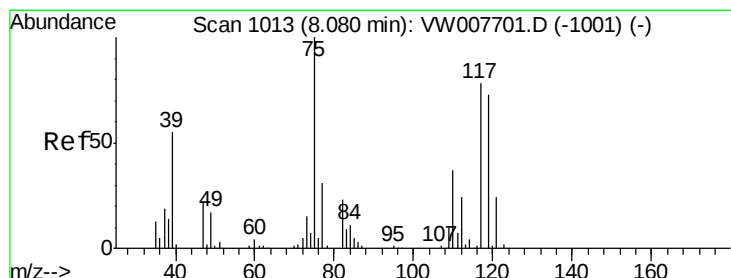
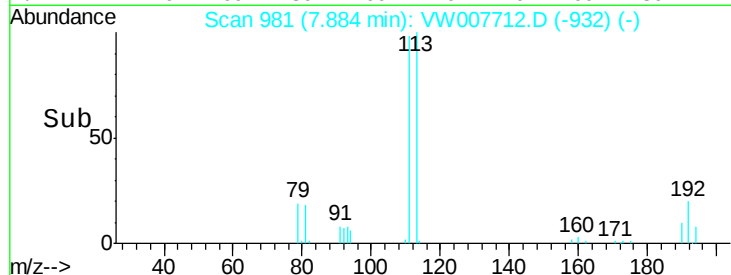
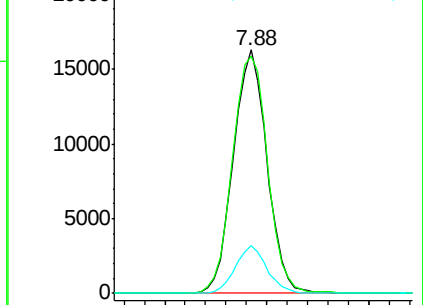
192 18.4 15.5 23.3



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: 4.628 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW007712.D

Acq: 19 Dec 2018 20:54

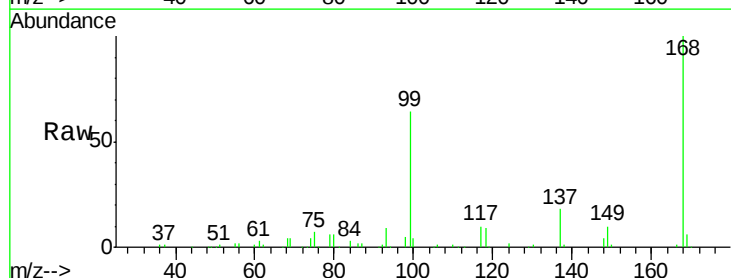
Tgt Ion: 75 Resp: 7135

Ion Ratio Lower Upper

75 100

110 12.6 18.6 55.8#

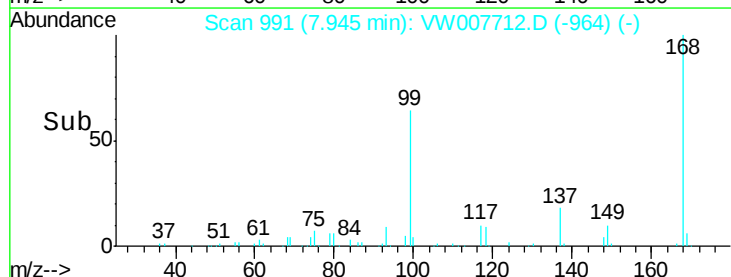
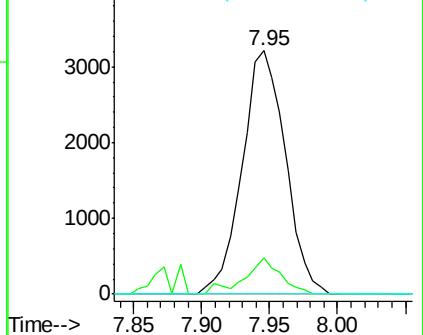
77 0.0 25.0 37.4#

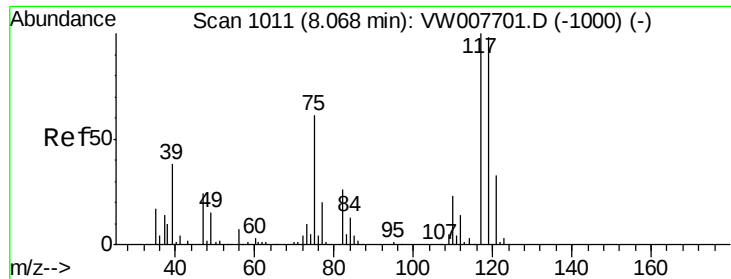


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

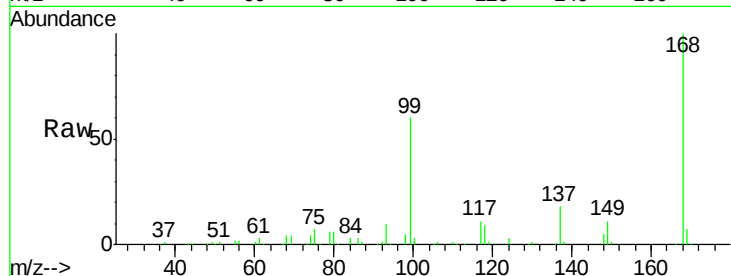




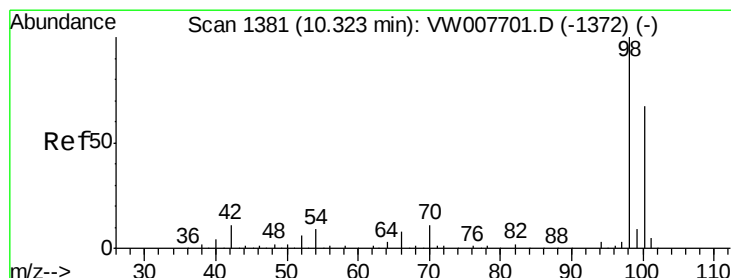
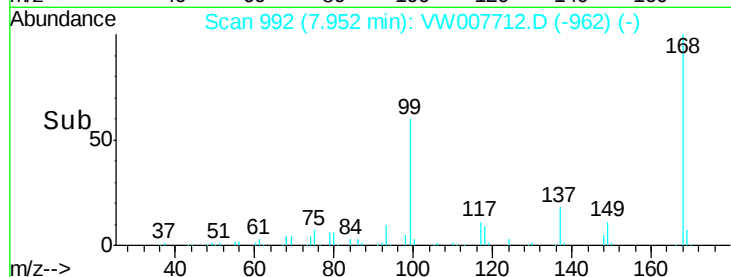
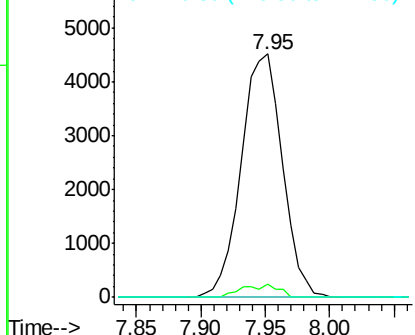
#38
Carbon Tetrachloride
Concen: 5.502 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW007712.D
Acq: 19 Dec 2018 20:54

Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion:117 Resp: 9990
Ion Ratio Lower Upper
117 100
119 5.5 78.2 117.2#
121 0.0 26.1 39.1#

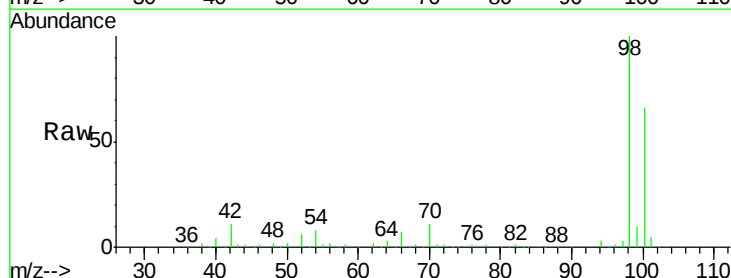


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

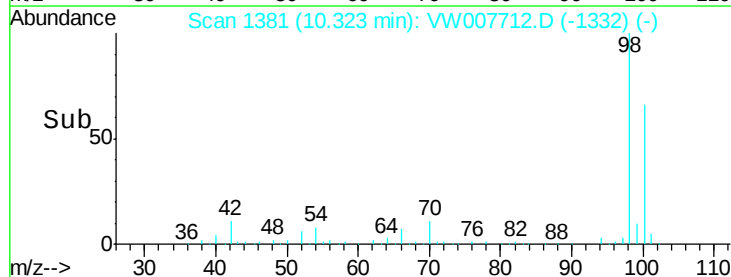
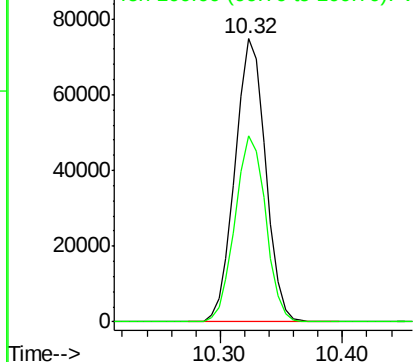


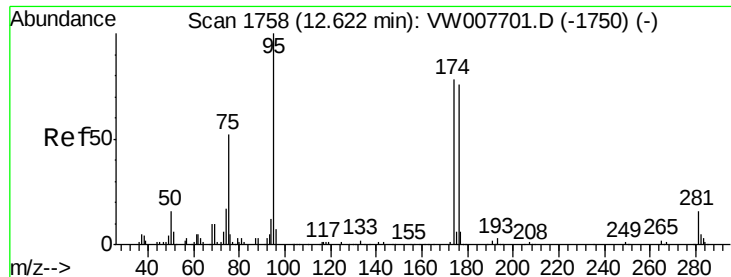
#50
Toluene-d8
Concen: 35.199 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007712.D
Acq: 19 Dec 2018 20:54

Tgt Ion: 98 Resp: 129313
Ion Ratio Lower Upper
98 100
100 66.1 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

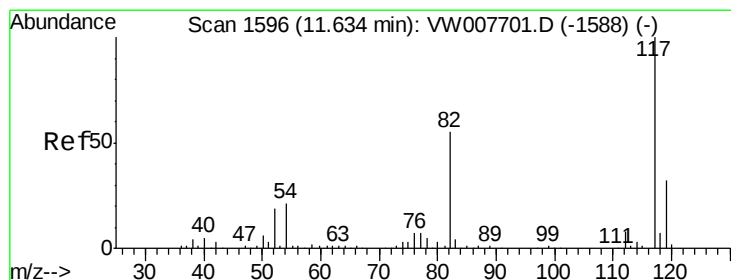
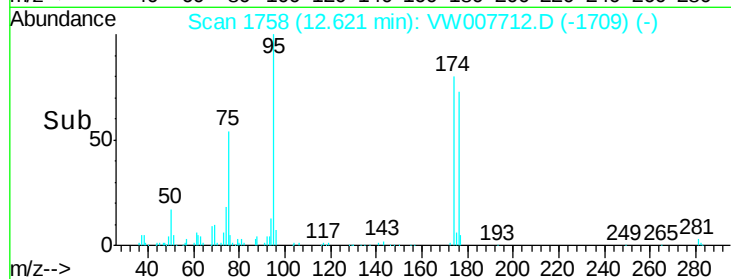
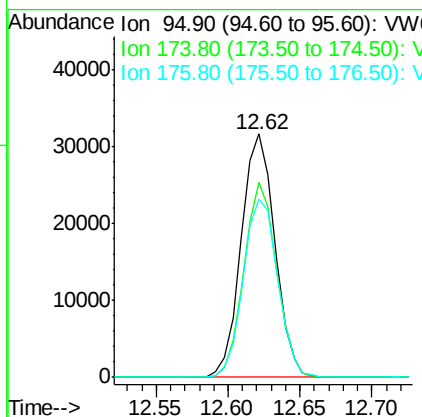
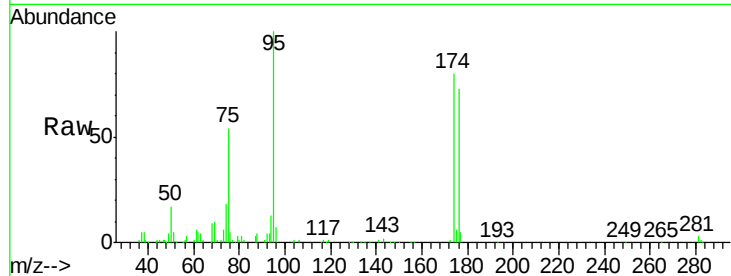




#62
4-Bromofluorobenzene
Concen: 36.015 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007712.D
Acq: 19 Dec 2018 20:54

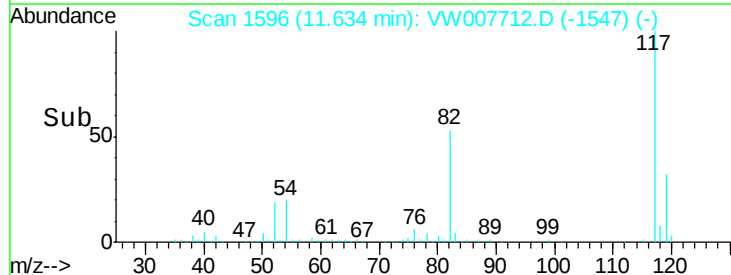
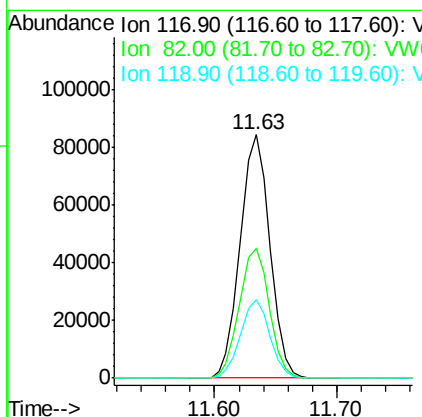
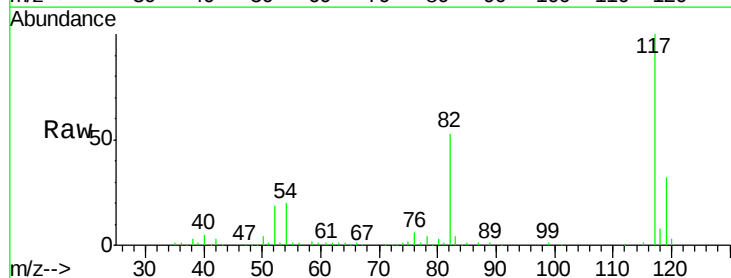
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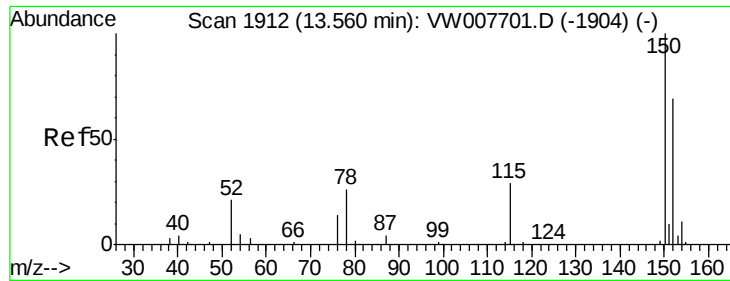
Tgt Ion: 95 Resp: 51114
Ion Ratio Lower Upper
95 100
174 77.7 0.0 152.2
176 74.9 0.0 146.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007712.D
Acq: 19 Dec 2018 20:54

Tgt Ion: 117 Resp: 142040
Ion Ratio Lower Upper
117 100
82 53.3 44.3 66.5
119 32.3 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: VW007712.D

Acq: 19 Dec 2018 20:54

Instrument :

MSVOA_W

ClientSampleId :

KY001SB102-121118-(13-15)

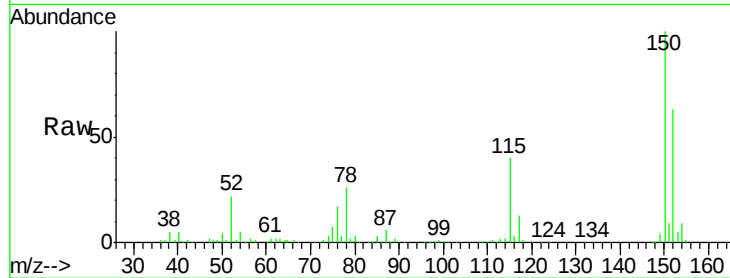
Tgt Ion:152 Resp: 70379

Ion Ratio Lower Upper

152 100

115 63.2 31.8 95.4

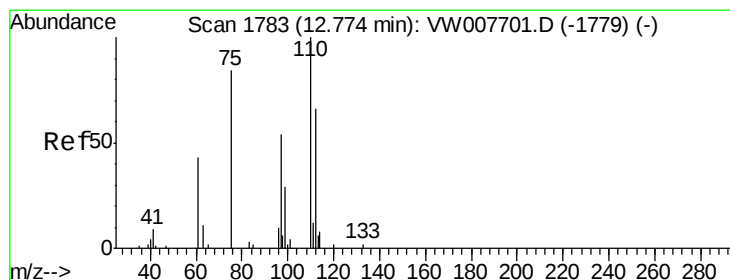
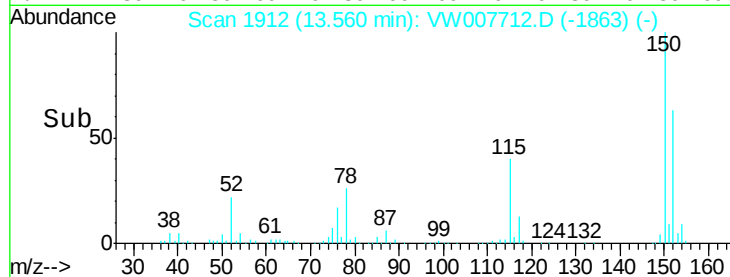
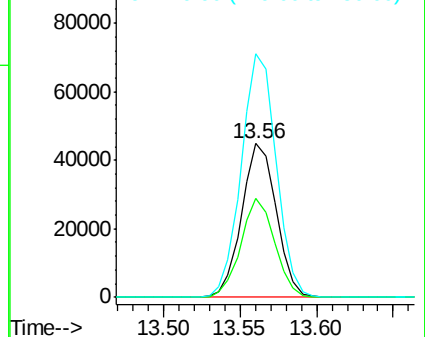
150 159.8 0.0 350.8



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: 49.790 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007712.D

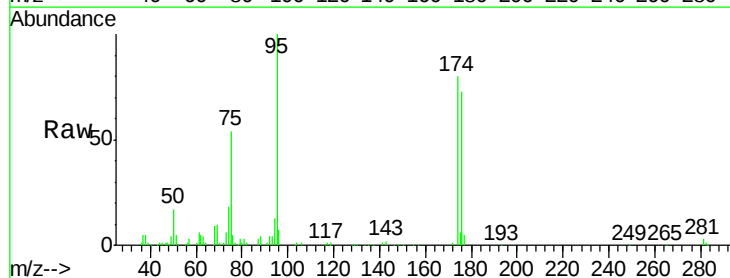
Acq: 19 Dec 2018 20:54

Tgt Ion: 75 Resp: 27084

Ion Ratio Lower Upper

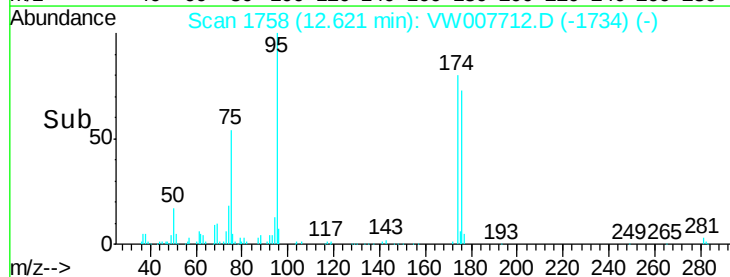
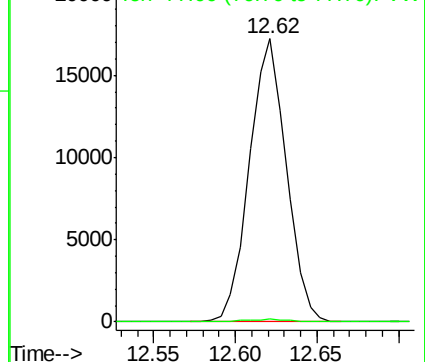
75 100

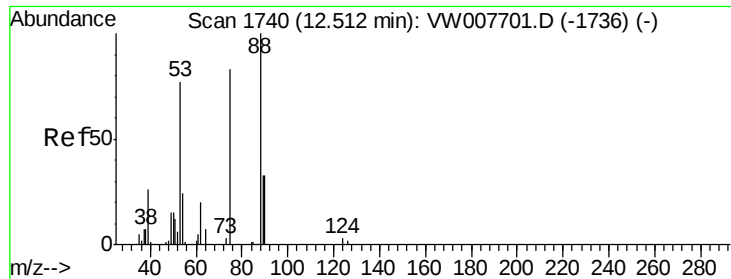
77 1.0 0.0 0.0#



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: 104.513 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW007712.D

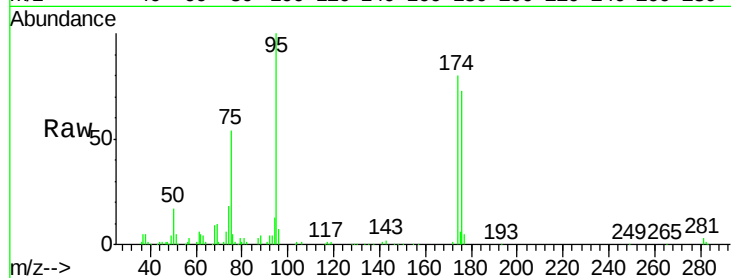
Acq: 19 Dec 2018 20:54

Instrument :

MSVOA_W

ClientSampleId :

KY001SB102-121118-(13-15)



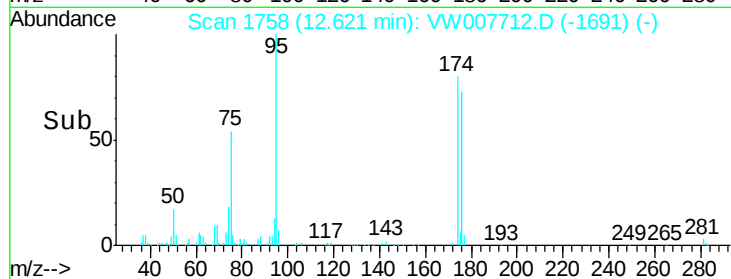
Tgt Ion: 75 Resp: 27084

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

