

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122118\
 Data File : VW007728.D
 Acq On : 20 Dec 2018 05:57
 Operator : SY/AP
 Sample : J6362-03RE
 Misc : 4.75G/5ML/MSVOA_W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P-3

Quant Time: Dec 20 06:56:41 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	89294	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	156853	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	127590	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	47725	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	43987	44.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.88%	
35) Dibromofluoromethane	7.88	113	36473	38.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.24%	
50) Toluene-d8	10.32	98	140591	38.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.94%	
62) 4-Bromofluorobenzene	12.62	95	46347	33.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.52%	

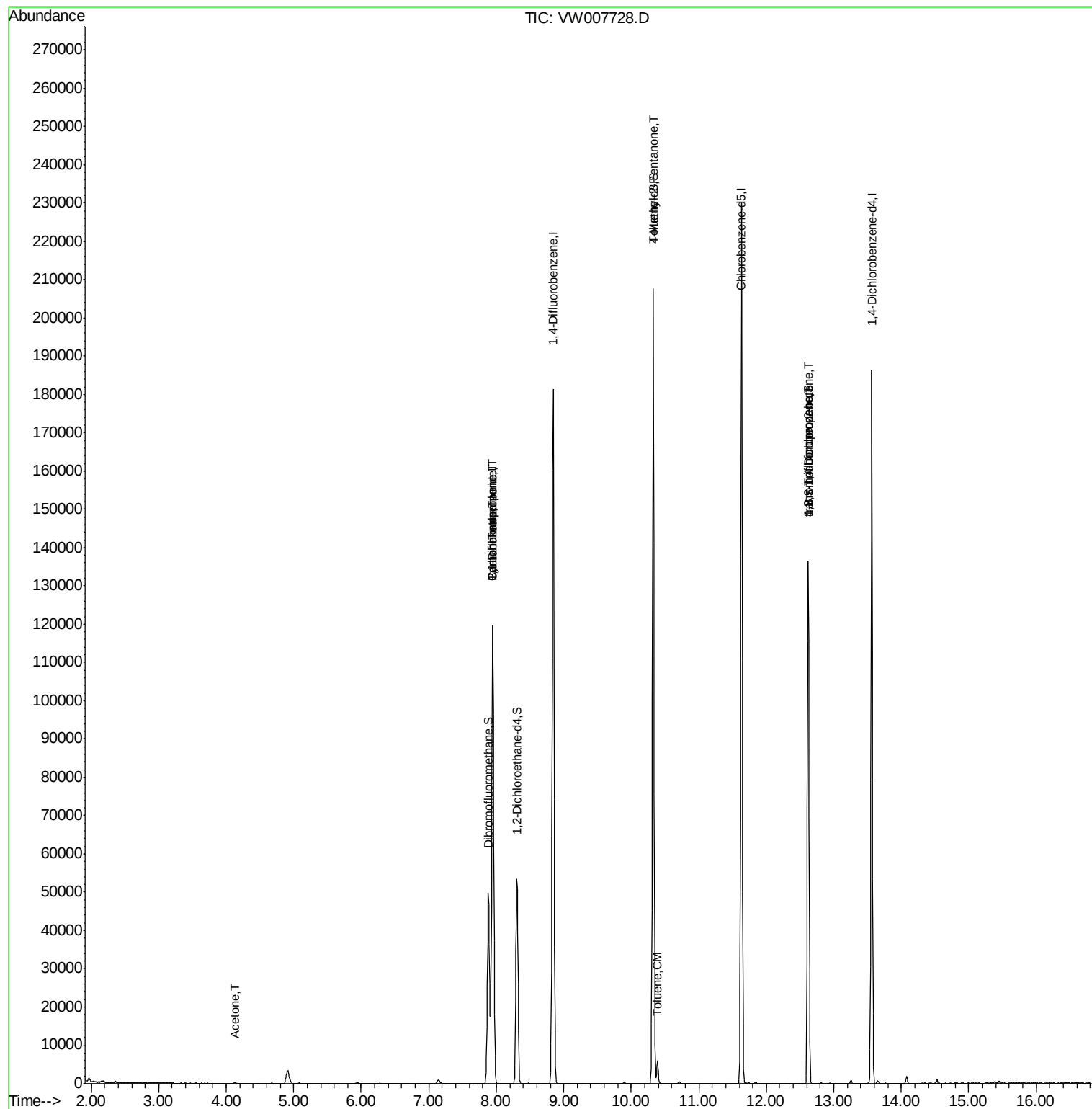
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	628	3.427	ug/l #	48
20) Methylene Chloride	4.90	84	1509	Below Cal		99
31) Cyclohexane	7.95	56	1821	1.250	ug/l #	31
36) 1,1-Dichloropropene	7.95	75	6778	4.477	ug/l #	48
38) Carbon Tetrachloride	7.95	117	9398	5.271	ug/l #	15
51) 4-Methyl-2-Pentanone	10.33	43	540	1.092	ug/l #	1
52) Toluene	10.39	92	2928	1.080	ug/l	94
76) 1,2,3-Trichloropropane	12.62	75	23897	64.784	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	23897	135.987	ug/l #	9

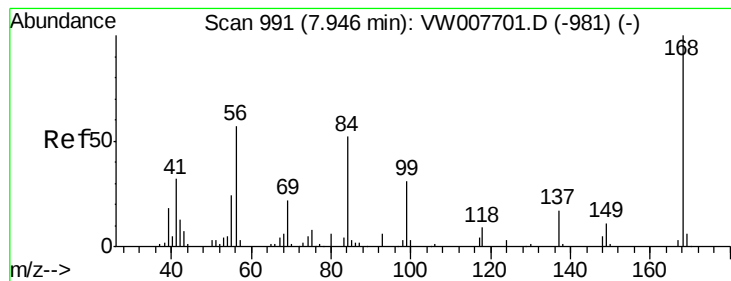
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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# 991

Delta R.T. -0.00 min

Lab File: VW007728.D

Acq: 20 Dec 2018 05:57

Instrument :

MSVOA_W

ClientSampled :

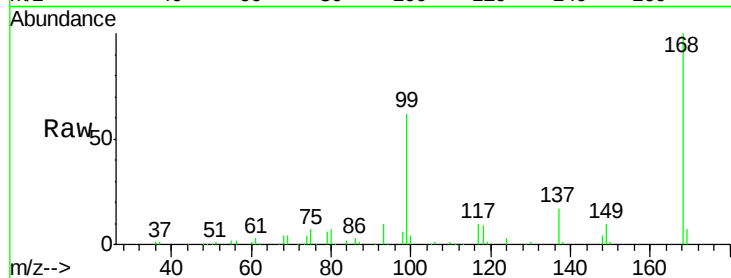
P-3

Tgt Ion: 168 Resp: 89294

Ion Ratio Lower Upper

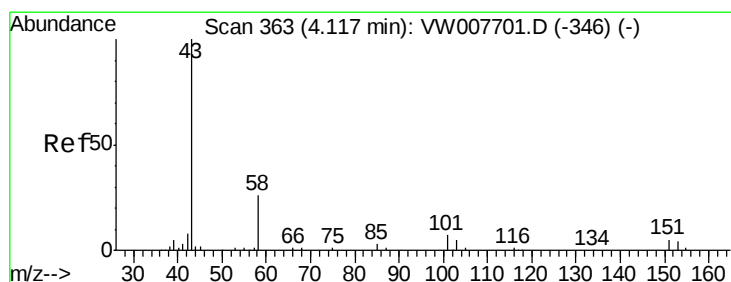
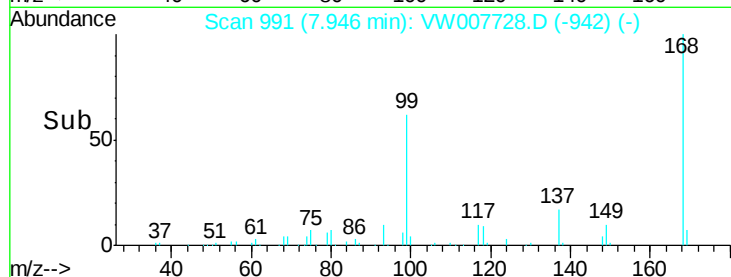
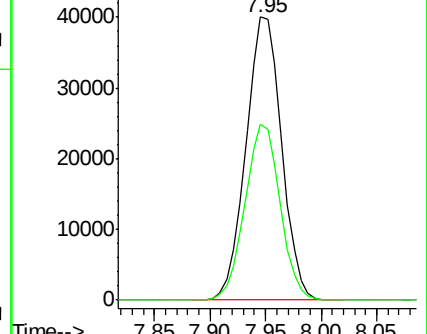
168 100

99 62.1 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 3.427 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW007728.D

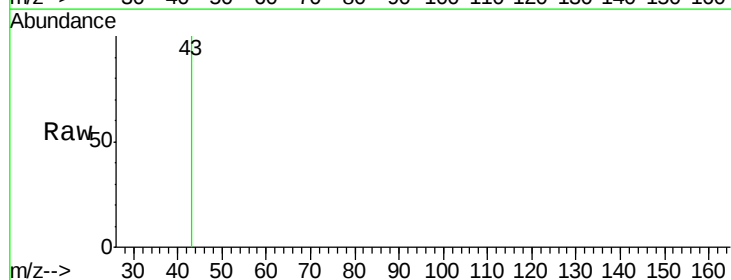
Acq: 20 Dec 2018 05:57

Tgt Ion: 43 Resp: 628

Ion Ratio Lower Upper

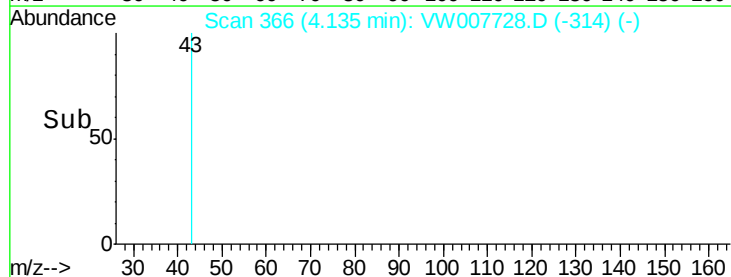
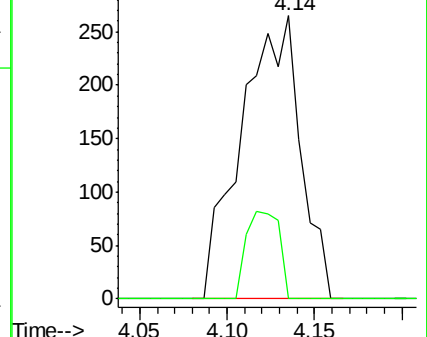
43 100

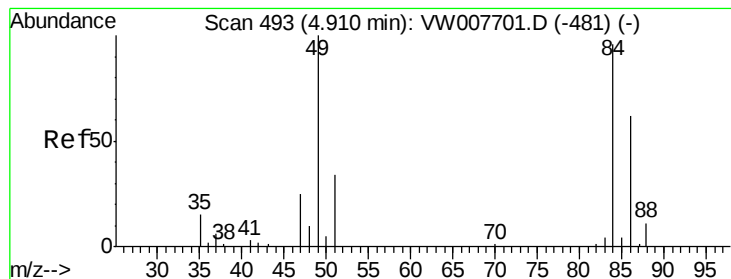
58 0.0 21.2 31.8#



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: VW007728.D

Acq: 20 Dec 2018 05:57

Instrument :

MSVOA_W

ClientSampled :

P-3

Tgt Ion: 84 Resp: 1509

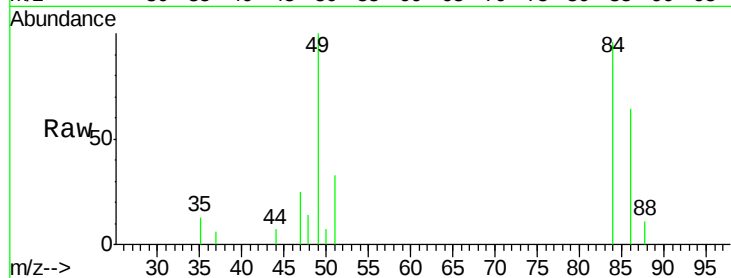
Ion Ratio Lower Upper

84 100

49 104.1 83.7 125.5

51 34.4 28.2 42.2

86 66.2 52.2 78.2

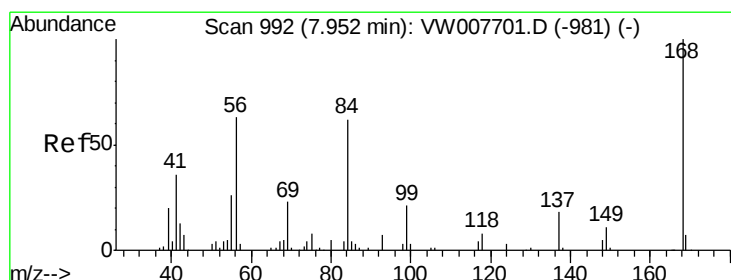
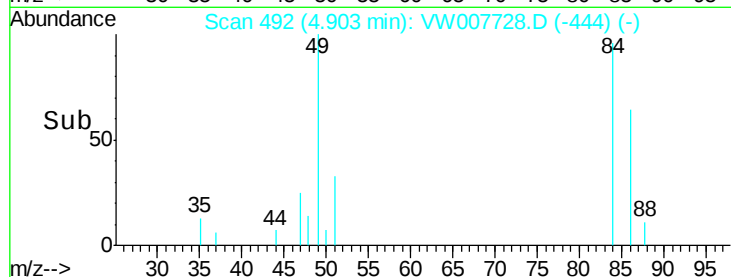
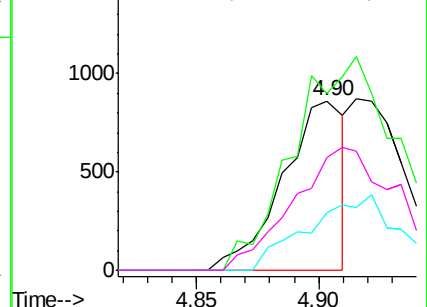


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 1.250 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007728.D

Acq: 20 Dec 2018 05:57

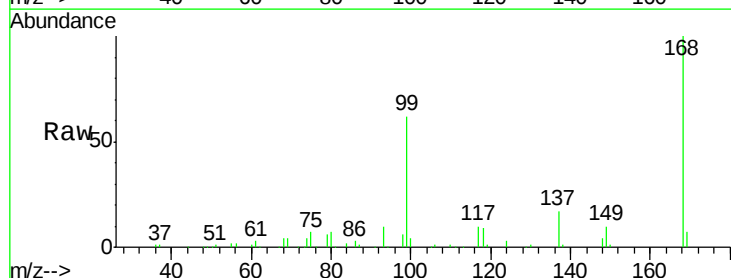
Tgt Ion: 56 Resp: 1821

Ion Ratio Lower Upper

56 100

69 179.0 29.7 44.5#

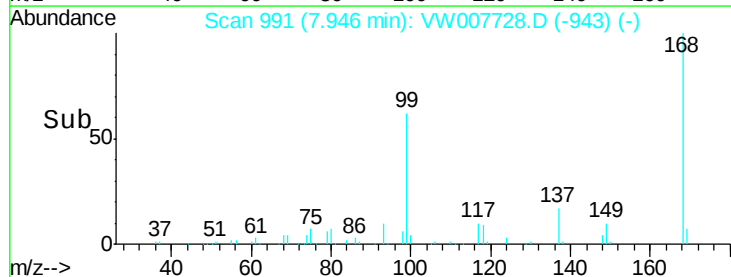
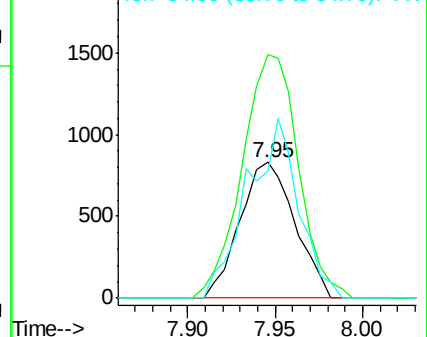
84 93.3 78.9 118.3

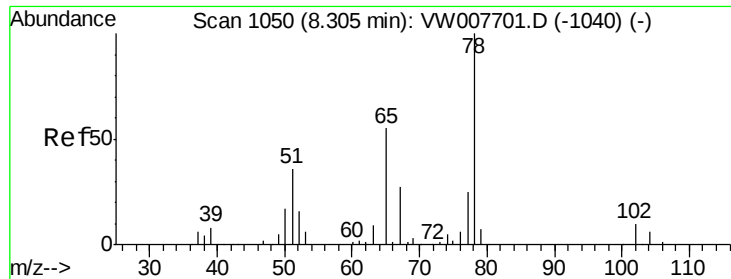


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

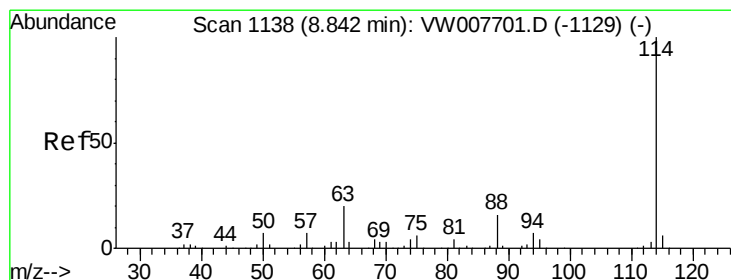
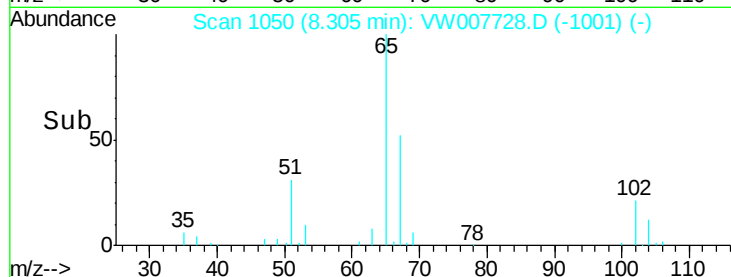
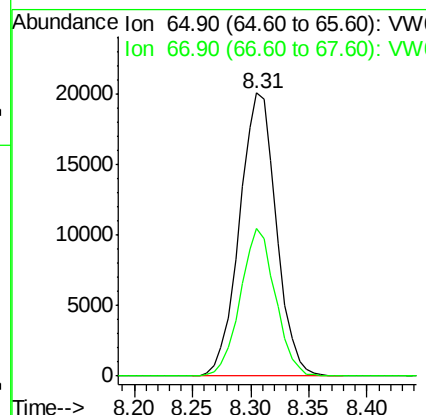
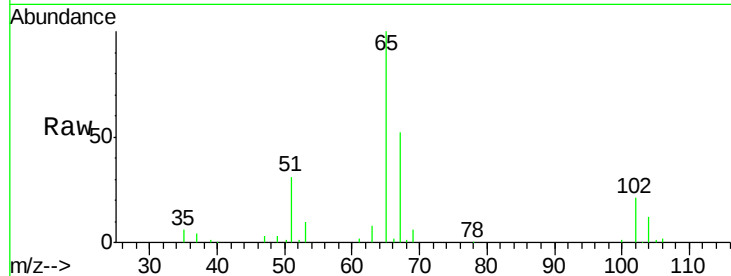




#33
 1,2-Dichloroethane-d4
 Concen: 44.944 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007728.D
 Acq: 20 Dec 2018 05:57

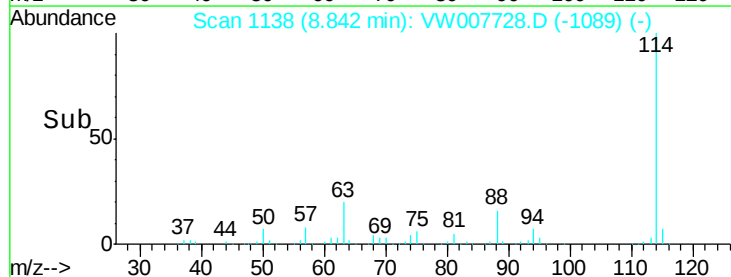
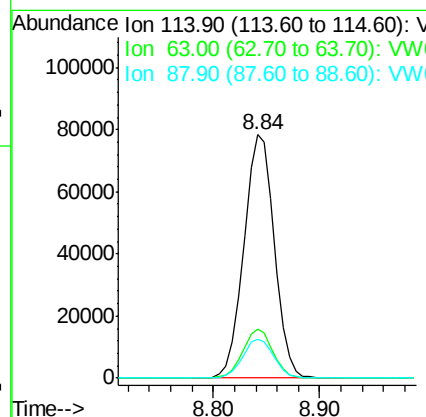
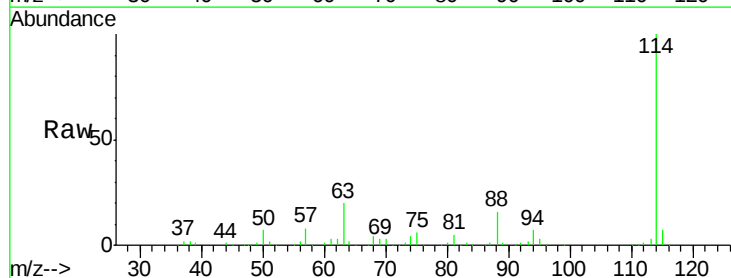
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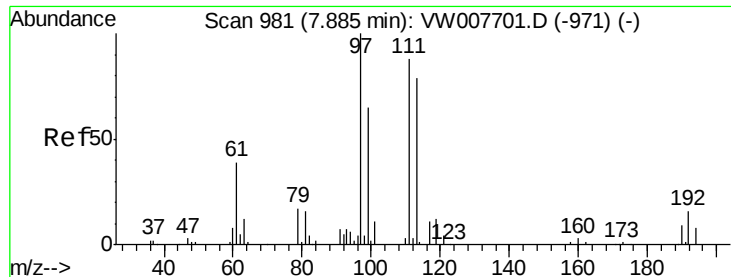
Tgt Ion: 65 Resp: 43987
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007728.D
 Acq: 20 Dec 2018 05:57

Tgt Ion: 114 Resp: 156853
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.0
 88 15.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 38.116 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007728.D

Acq: 20 Dec 2018 05:57

Instrument :
MSVOA_W
ClientSampleId :
P-3

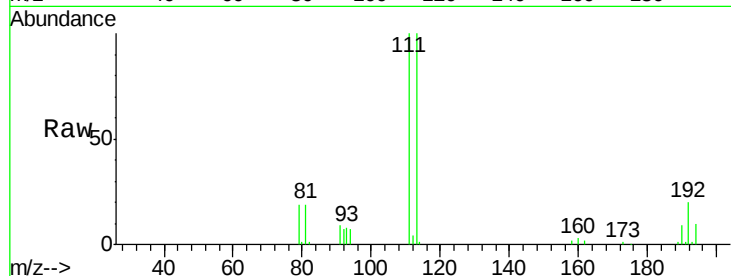
Tgt Ion:113 Resp: 36473

Ion Ratio Lower Upper

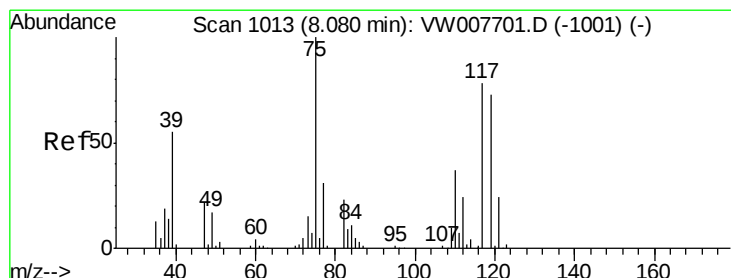
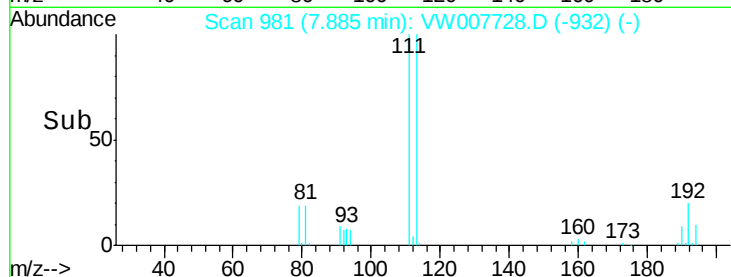
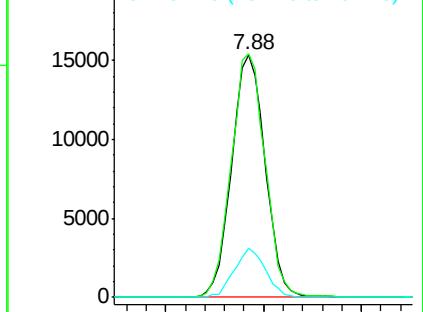
113 100

111 101.3 82.6 124.0

192 18.7 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: 4.477 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW007728.D

Acq: 20 Dec 2018 05:57

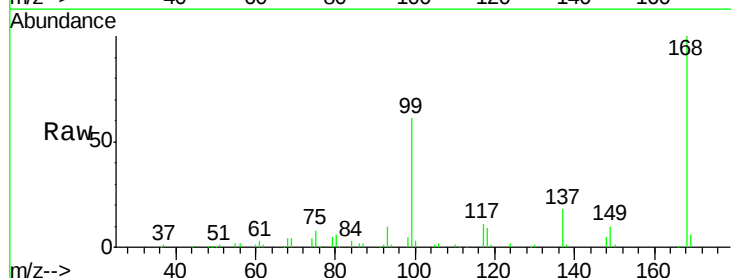
Tgt Ion: 75 Resp: 6778

Ion Ratio Lower Upper

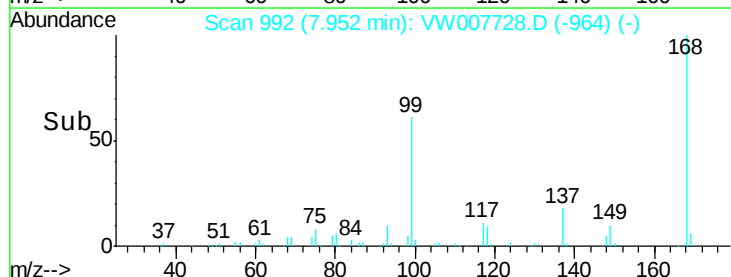
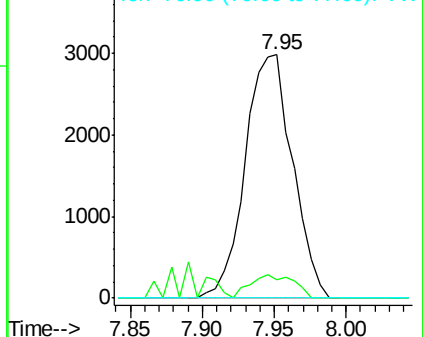
75 100

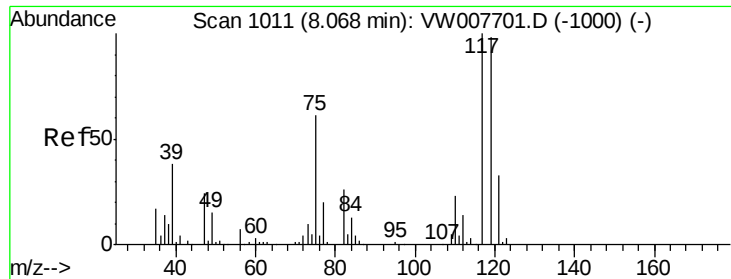
110 8.8 18.6 55.8#

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

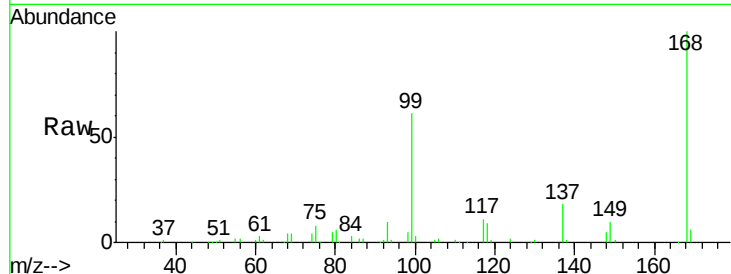




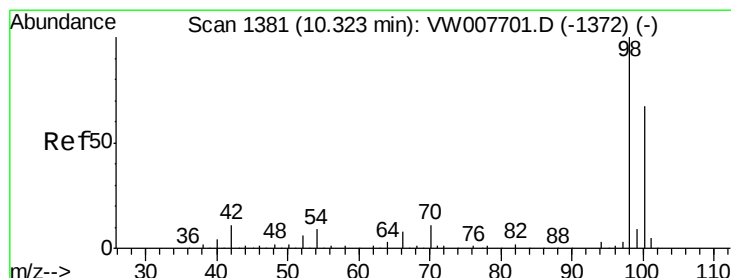
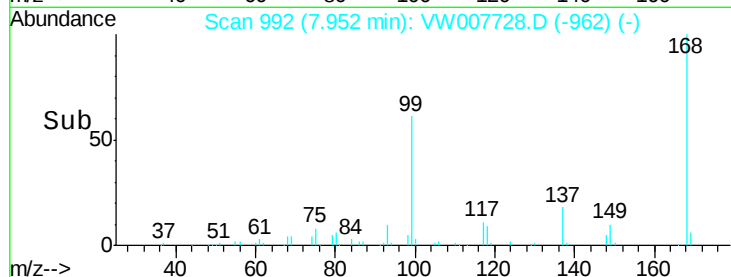
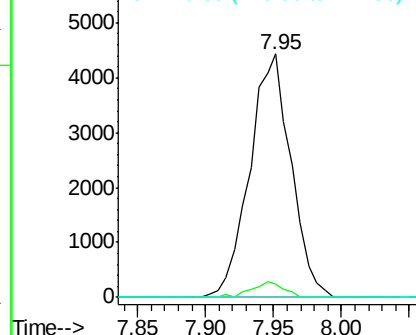
#38
Carbon Tetrachloride
Concen: 5.271 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW007728.D
Acq: 20 Dec 2018 05:57

Instrument :
MSVOA_W
ClientSampleId :
P-3

Tgt Ion: 117 Resp: 9398
Ion Ratio Lower Upper
117 100
119 5.2 78.2 117.2#
121 0.0 26.1 39.1#

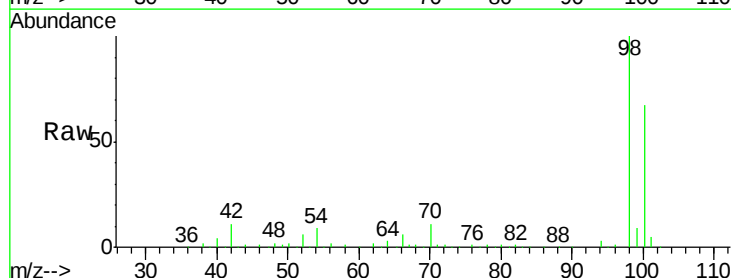


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

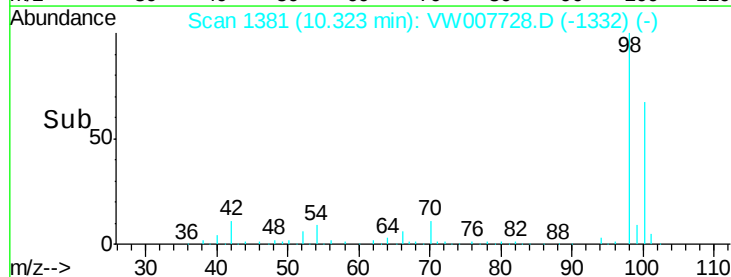
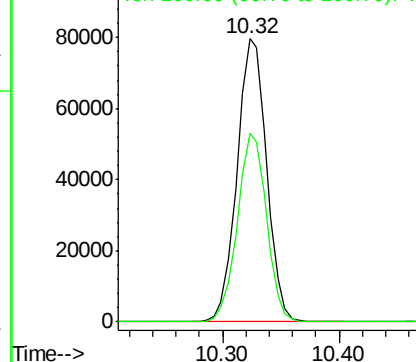


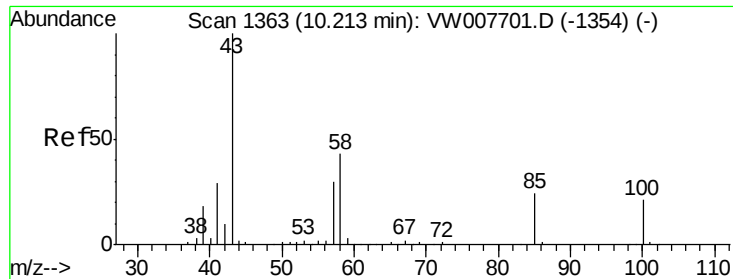
#50
Toluene-d8
Concen: 38.974 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007728.D
Acq: 20 Dec 2018 05:57

Tgt Ion: 98 Resp: 140591
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.2



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





#51

4-Methyl-2-Pentanone

Concen: 1.092 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.12 min

Lab File: VW007728.D

Acq: 20 Dec 2018 05:57

Instrument :

MSVOA_W

ClientSampled :

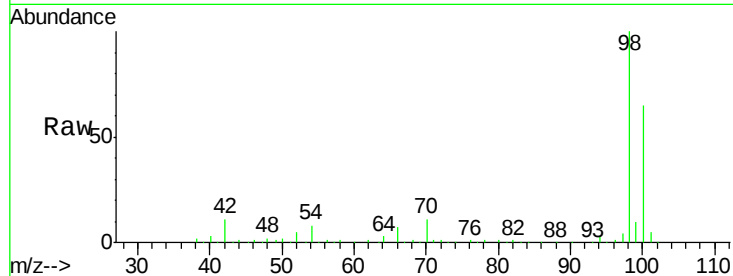
P-3

Tgt Ion: 43 Resp: 540

Ion Ratio Lower Upper

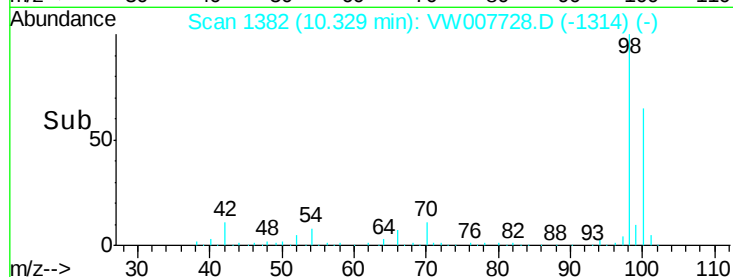
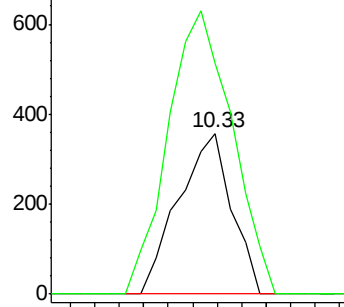
43 100

58 211.9 33.2 49.8#

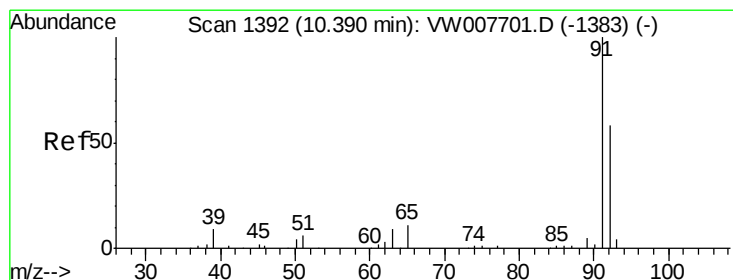


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->



#52

Toluene

Concen: 1.080 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007728.D

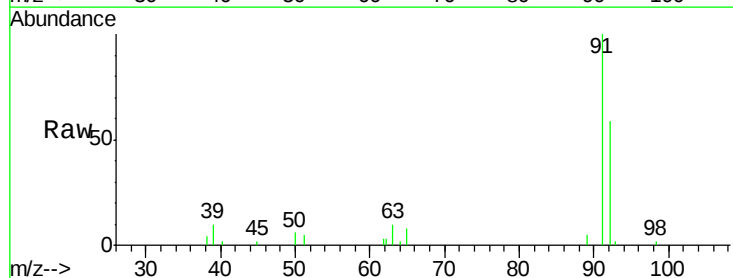
Acq: 20 Dec 2018 05:57

Tgt Ion: 92 Resp: 2928

Ion Ratio Lower Upper

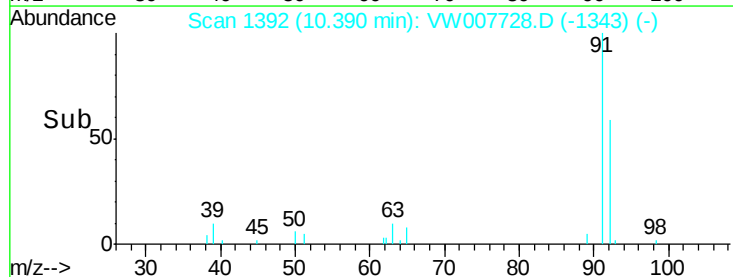
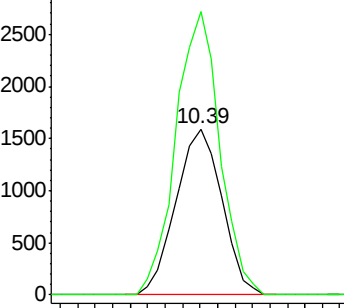
92 100

91 162.5 137.0 205.4

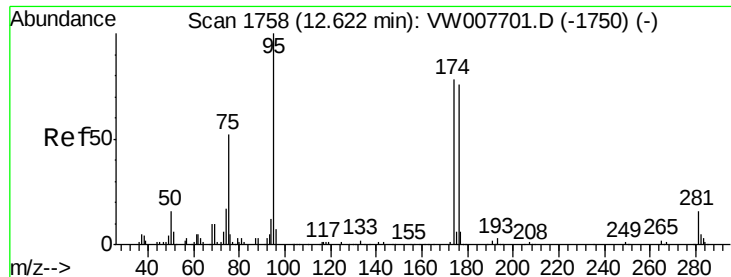


Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



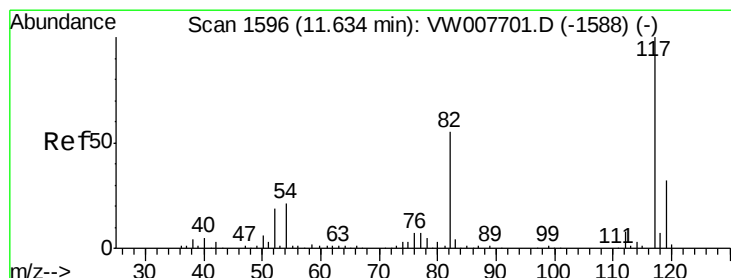
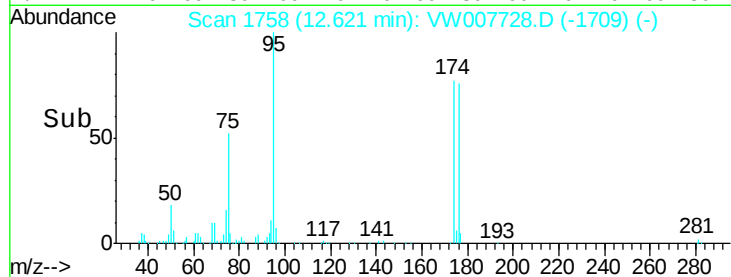
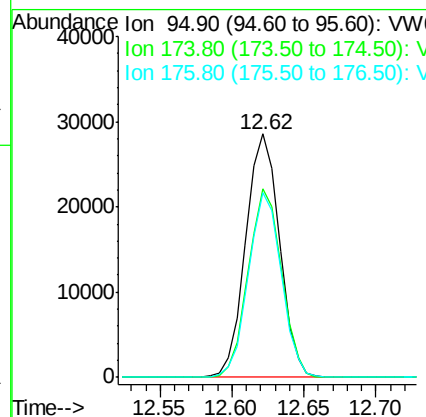
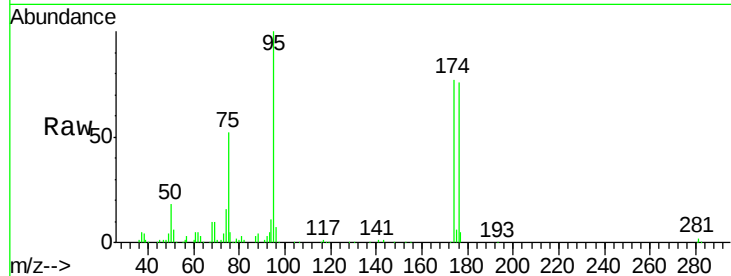
Time-->



#62
 4-Bromofluorobenzene
 Concen: 33.257 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007728.D
 Acq: 20 Dec 2018 05:57

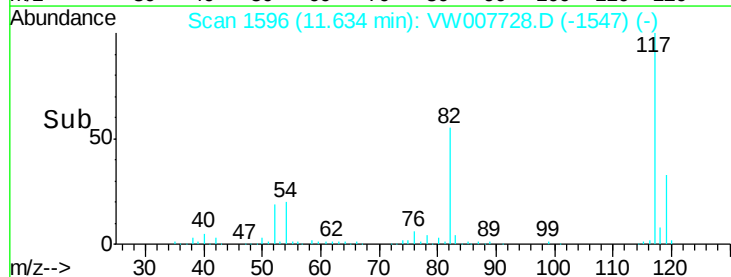
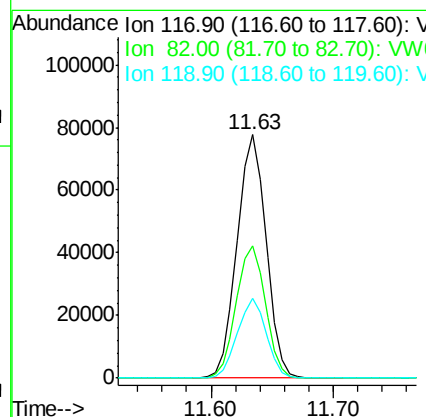
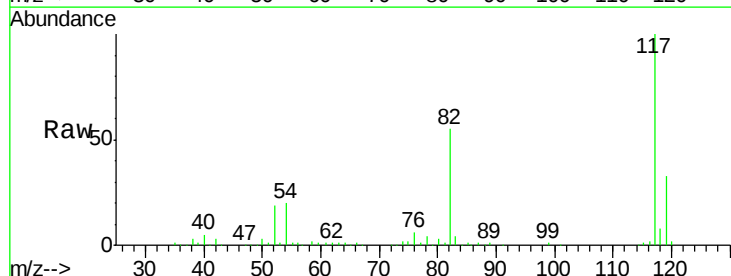
Instrument :
 MSVOA_W
 ClientSampleId :
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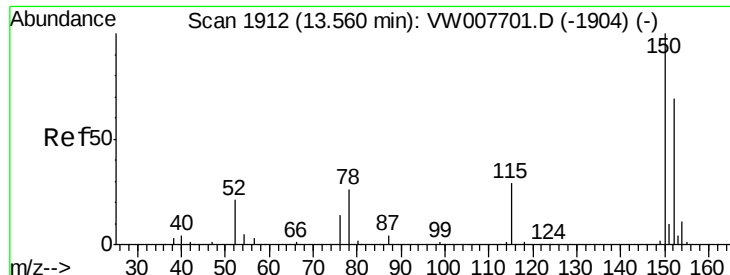
Tgt Ion: 95 Resp: 46347
 Ion Ratio Lower Upper
 95 100
 174 76.8 0.0 152.2
 176 73.8 0.0 146.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.63 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: VW007728.D
 Acq: 20 Dec 2018 05:57

Tgt Ion: 117 Resp: 127590
 Ion Ratio Lower Upper
 117 100
 82 54.5 44.3 66.5
 119 33.0 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: VW007728.D

Acq: 20 Dec 2018 05:57

Instrument :

MSVOA_W

ClientSampled :

P-3

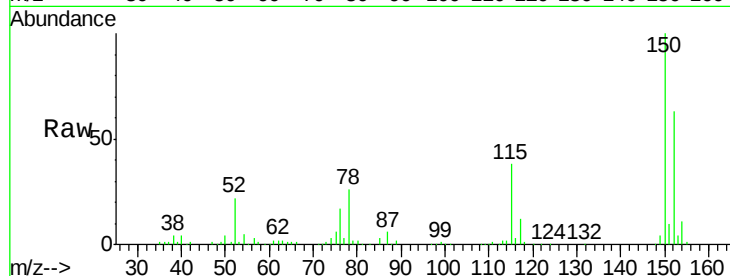
Tgt Ion:152 Resp: 47725

Ion Ratio Lower Upper

152 100

115 63.1 31.8 95.4

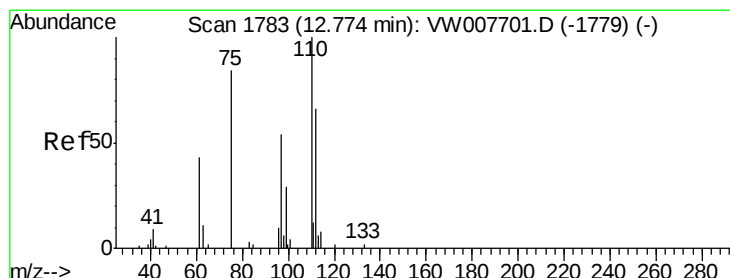
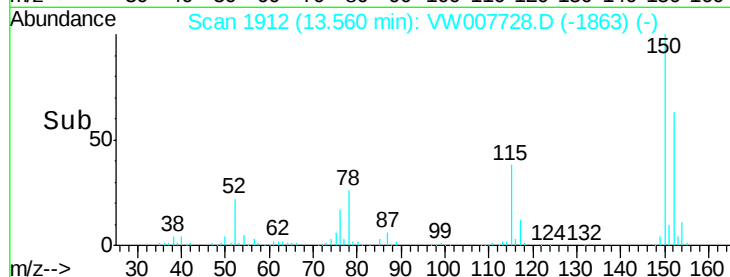
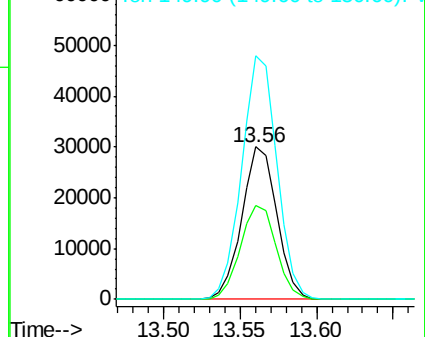
150 160.7 0.0 350.8



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: 64.784 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007728.D

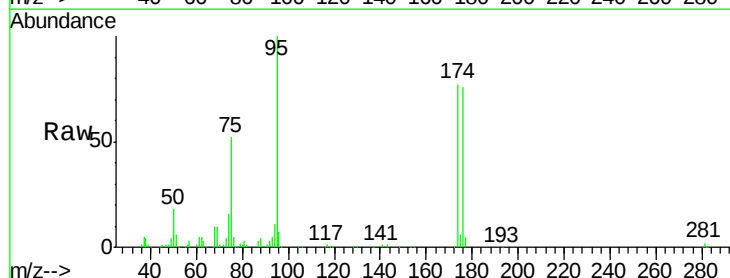
Acq: 20 Dec 2018 05:57

Tgt Ion: 75 Resp: 23897

Ion Ratio Lower Upper

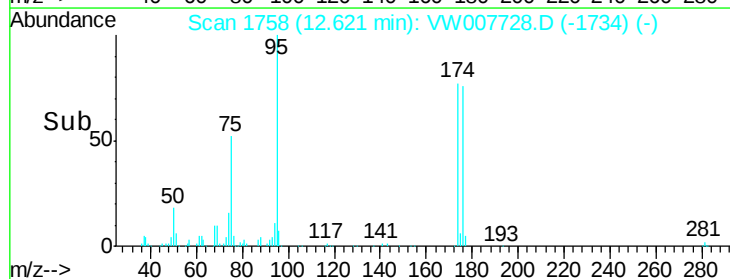
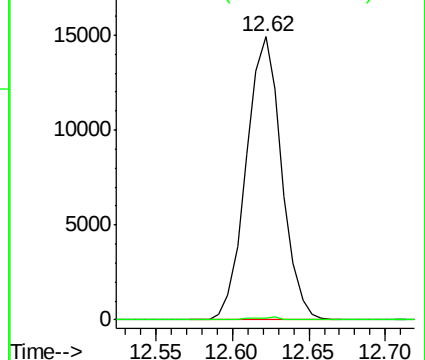
75 100

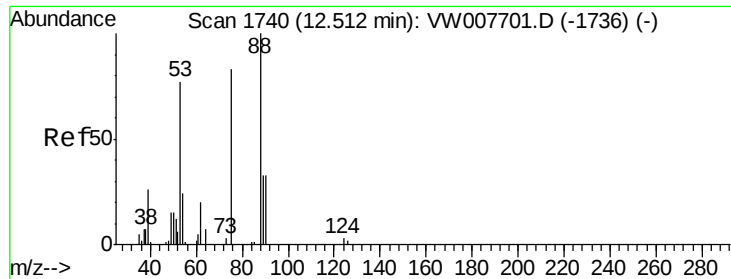
77 0.7 0.0 0.0#



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: 135.987 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW007728.D

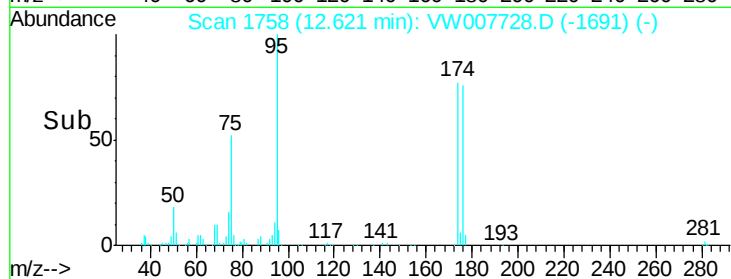
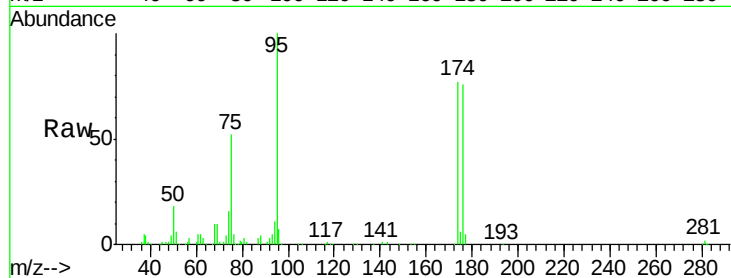
Acq: 20 Dec 2018 05:57

Instrument :

MSVOA_W

ClientSampleId :

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Tgt Ion:	75	Resp:	23897
Ion	Ratio	Lower	Upper
75	100		
53	0.0	80.2	120.2#
89	0.0	39.2	58.8#

