

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122118\
 Data File : VW007729.D
 Acq On : 20 Dec 2018 06:23
 Operator : SY/AP
 Sample : J6362-04RE
 Misc : 4.95G/5ML/MSVOA_W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P-4

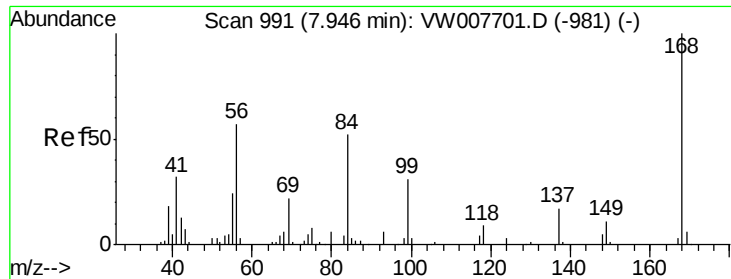
Quant Time: Dec 20 06:56:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	86362	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	148778	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	116150	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	49622	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	42435	44.83	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.66%	
35) Dibromofluoromethane	7.88	113	39342	43.35	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	86.70%	
50) Toluene-d8	10.32	98	114746	33.54	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	67.08%	
62) 4-Bromofluorobenzene	12.62	95	45274	34.25	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	68.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	189	1.066	ug/l #	48
31) Cyclohexane	7.94	56	1858	1.319	ug/l #	27
36) 1,1-Dichloropropene	7.95	75	6388	4.449	ug/l #	49
38) Carbon Tetrachloride	7.95	117	9278	5.486	ug/l #	16
51) 4-Methyl-2-Pentanone	10.32	43	539	1.149	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	22713	59.221	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	22713	124.308	ug/l #	9

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW007729.D

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MSVOA_W

ClientSampled :

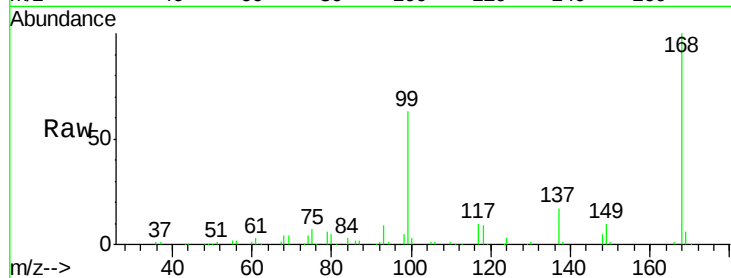
P-4

Tgt Ion: 168 Resp: 86362

Ion Ratio Lower Upper

168 100

99 62.6 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

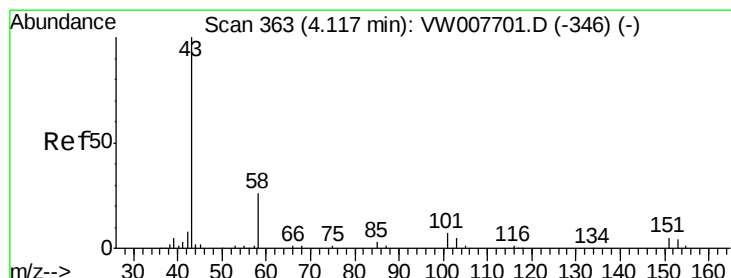
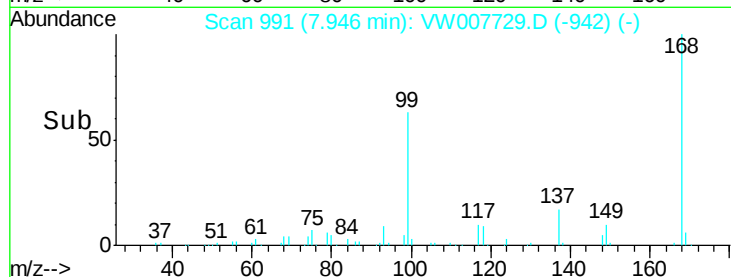
20000

10000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#16

Acetone

Concen: 1.066 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007729.D

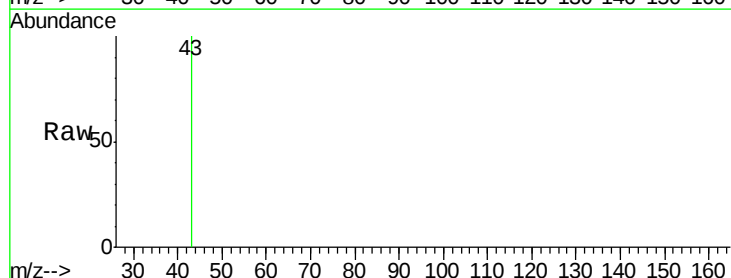
Acq: 20 Dec 2018 06:23

Tgt Ion: 43 Resp: 189

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

4.12

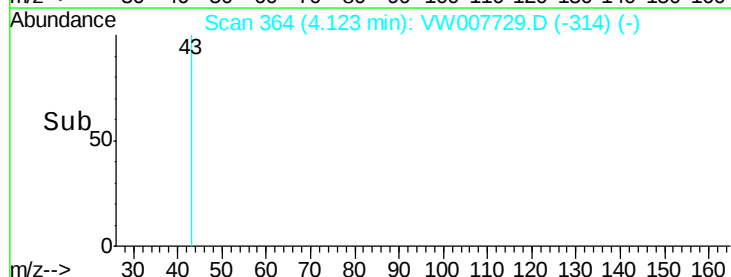
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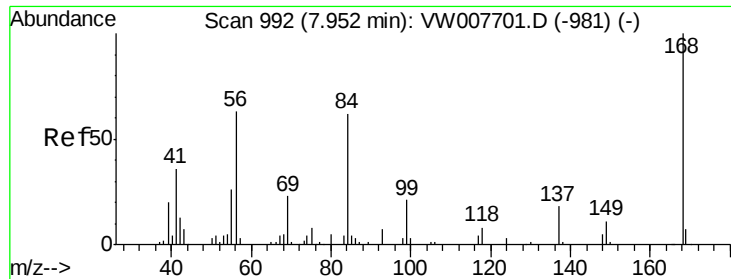
50

0

Time-->

4.10 4.15

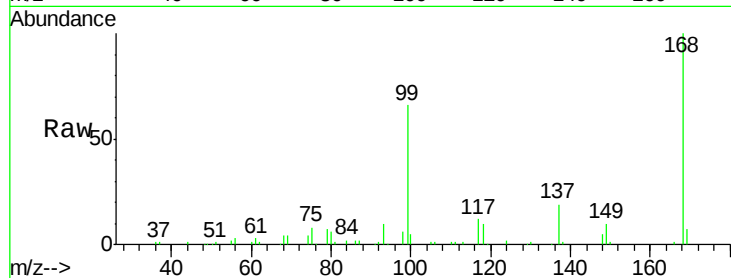




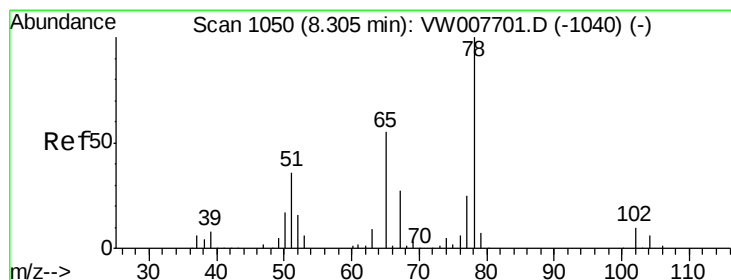
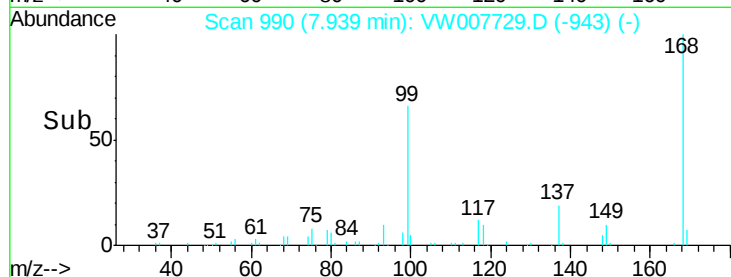
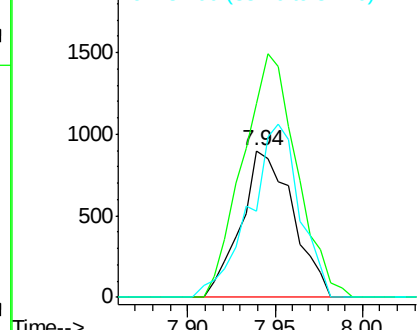
#31
Cyclohexane
Concen: 1.319 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW007729.D
Acq: 20 Dec 2018 06:23

Instrument :
MSVOA_W
ClientSampled :
P-4

Tgt Ion: 56 Resp: 1858
Ion Ratio Lower Upper
56 100
69 132.5 29.7 44.5#
84 58.9 78.9 118.3#

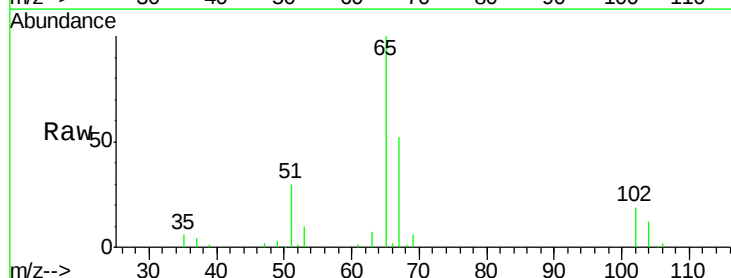


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

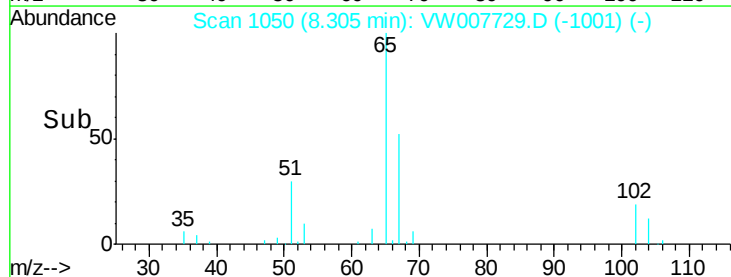
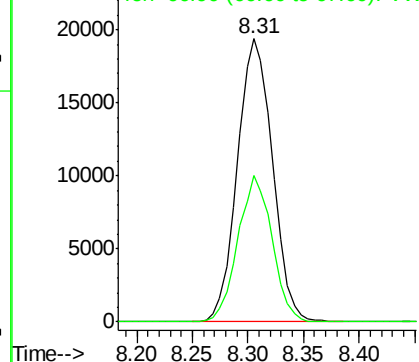


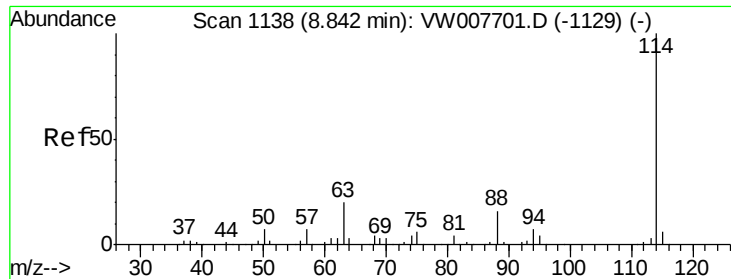
#33
1,2-Dichloroethane-d4
Concen: 44.830 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW007729.D
Acq: 20 Dec 2018 06:23

Tgt Ion: 65 Resp: 42435
Ion Ratio Lower Upper
65 100
67 50.2 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

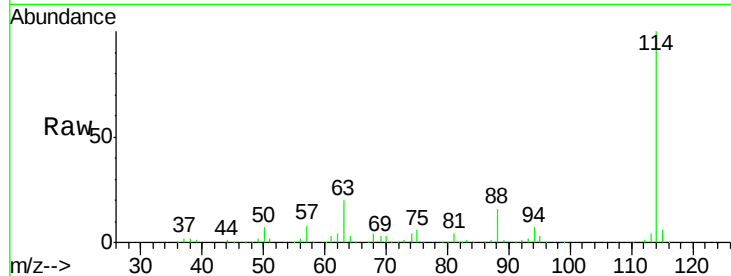




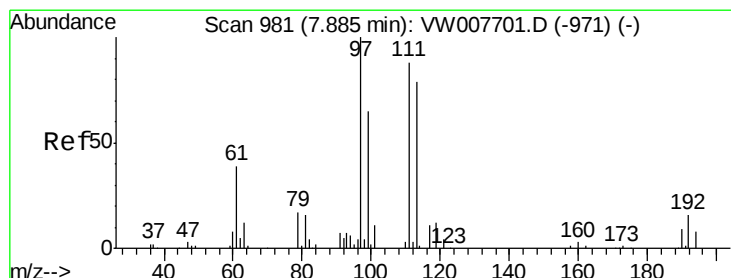
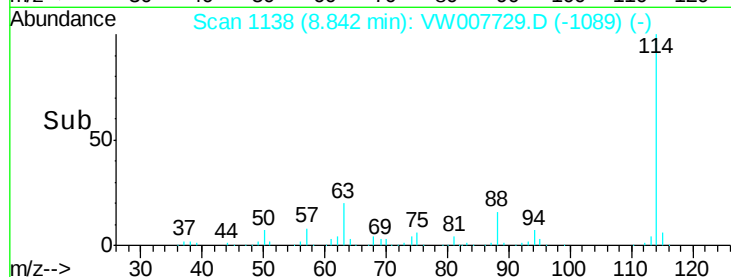
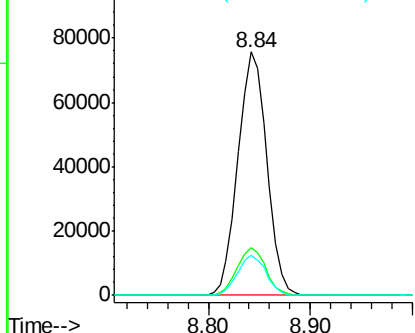
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007729.D
 Acq: 20 Dec 2018 06:23

Instrument :
 MSVOA_W
 ClientSampleId :
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Tgt Ion:114 Resp: 148778
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 16.3 0.0 32.6

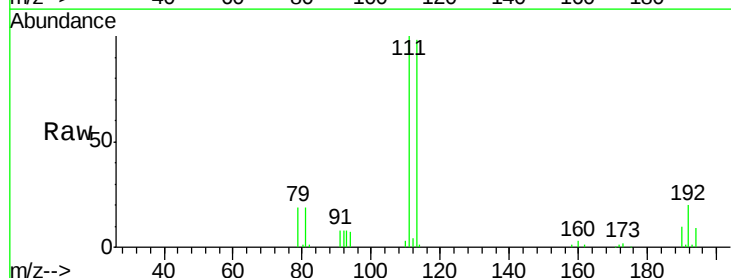


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

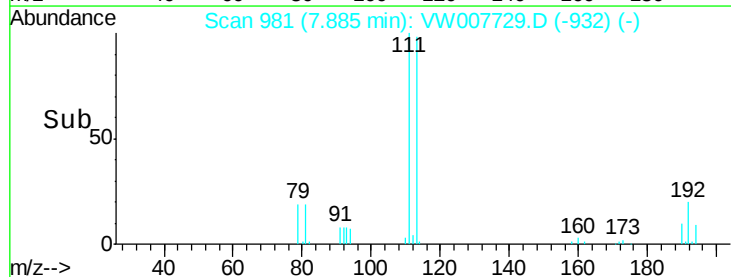
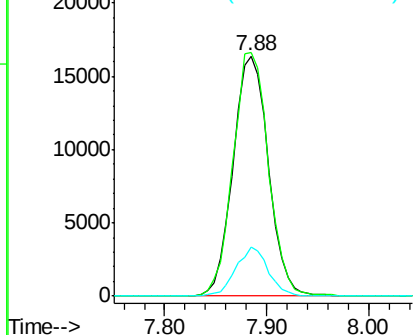


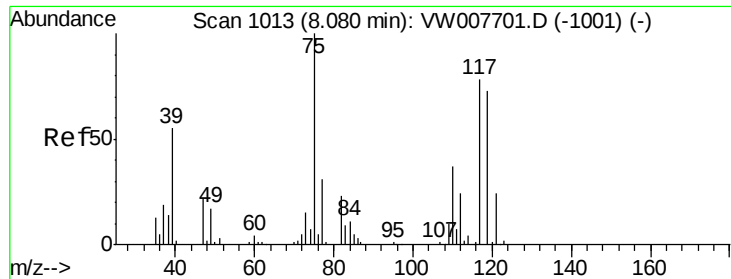
#35
 Dibromofluoromethane
 Concen: 43.346 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007729.D
 Acq: 20 Dec 2018 06:23

Tgt Ion:113 Resp: 39342
 Ion Ratio Lower Upper
 113 100
 111 101.8 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

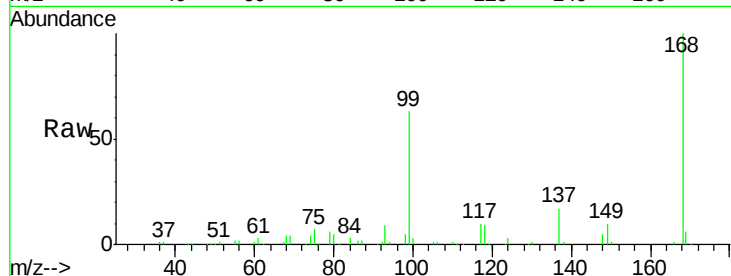




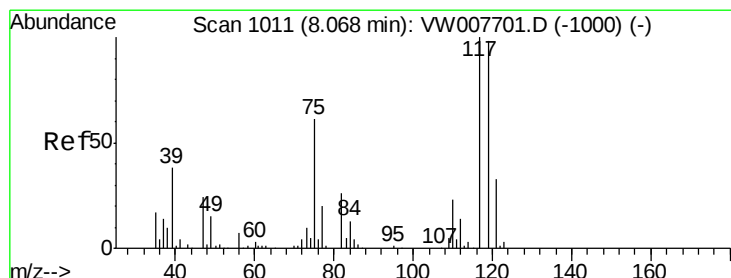
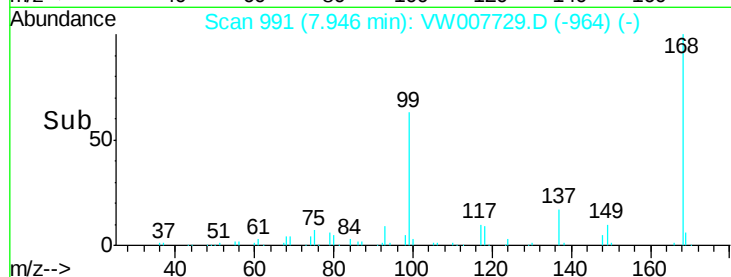
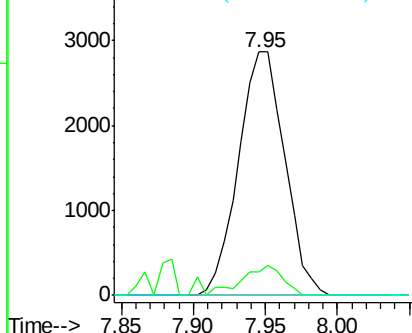
#36
 1,1-Dichloropropene
 Concen: 4.449 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007729.D
 Acq: 20 Dec 2018 06:23

Instrument :
 MSVOA_W
 ClientSampleId :
 P-4

Tgt Ion: 75 Resp: 6388
 Ion Ratio Lower Upper
 75 100
 110 9.6 18.6 55.8#
 77 0.0 25.0 37.4#

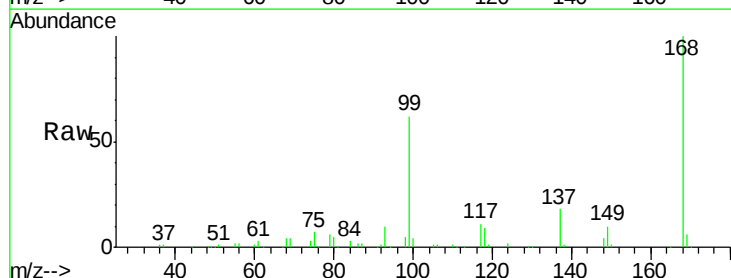


Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

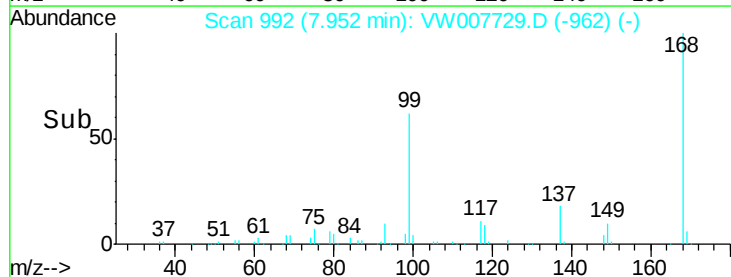
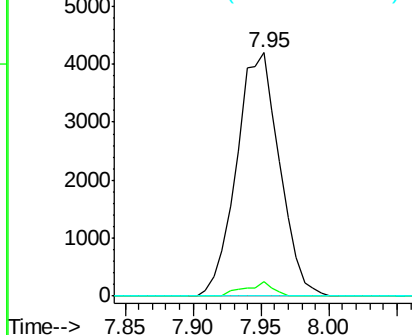


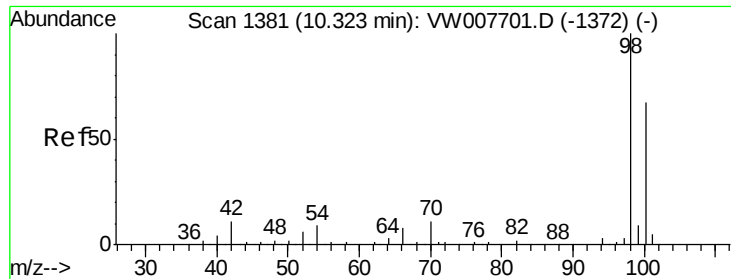
#38
 Carbon Tetrachloride
 Concen: 5.486 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007729.D
 Acq: 20 Dec 2018 06:23

Tgt Ion: 117 Resp: 9278
 Ion Ratio Lower Upper
 117 100
 119 5.7 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: 33.536 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW007729.D

Acq: 20 Dec 2018 06:23

Instrument :

MSVOA_W

ClientSampled :

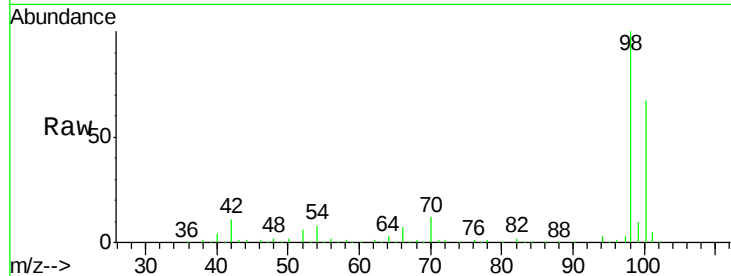
P-4

Tgt Ion: 98 Resp: 114746

Ion Ratio Lower Upper

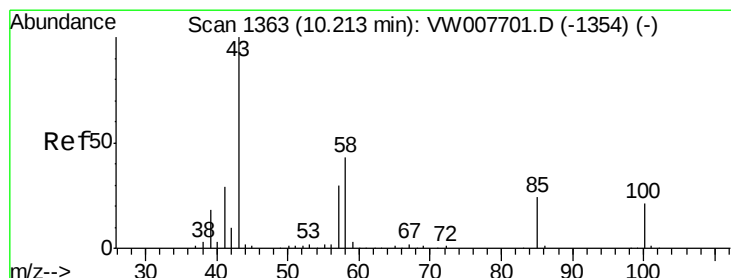
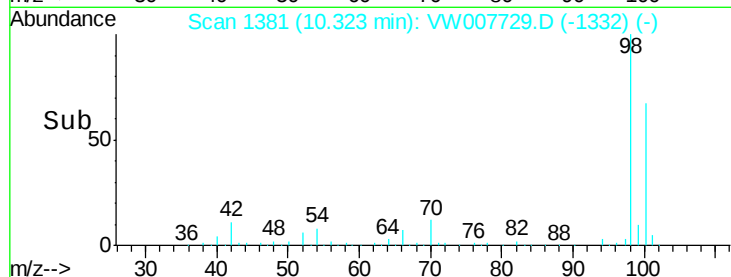
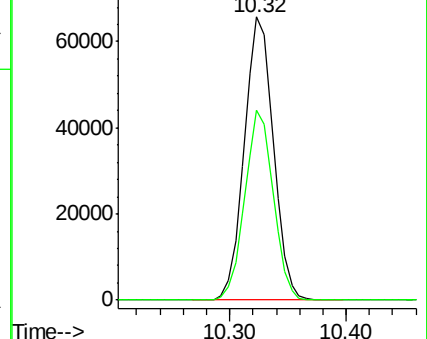
98 100

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: 1.149 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW007729.D

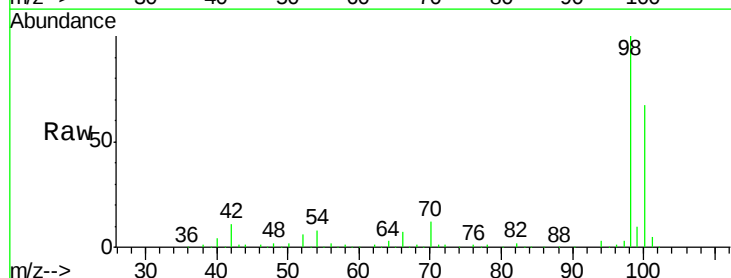
Acq: 20 Dec 2018 06:23

Tgt Ion: 43 Resp: 539

Ion Ratio Lower Upper

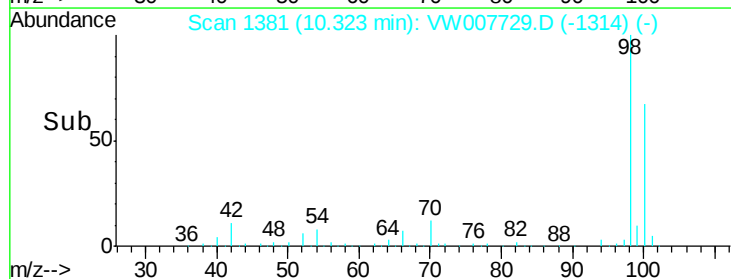
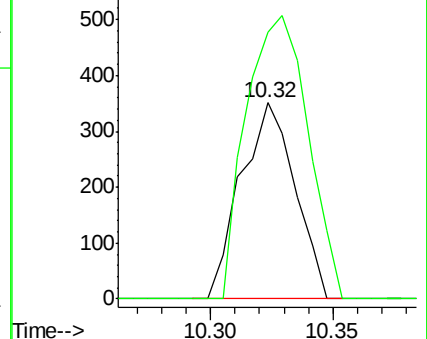
43 100

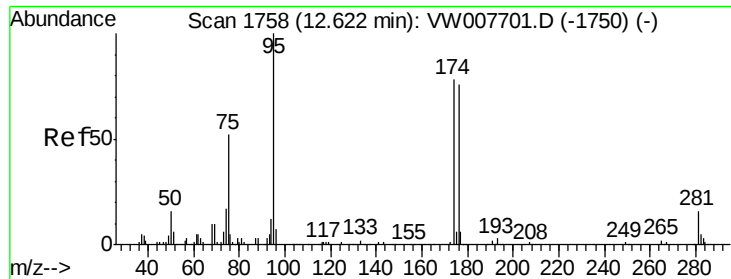
58 164.9 33.2 49.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

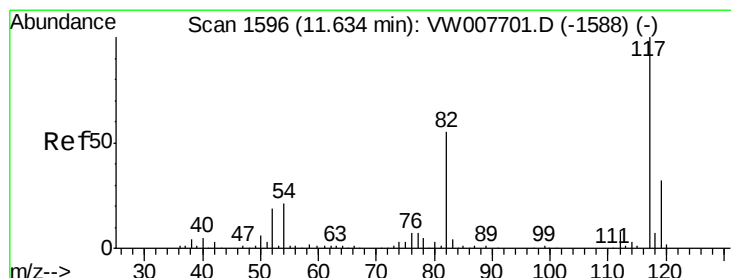
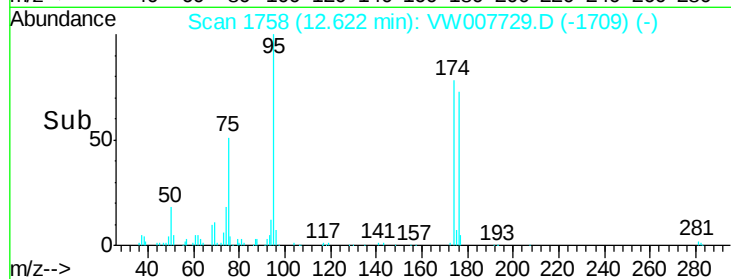
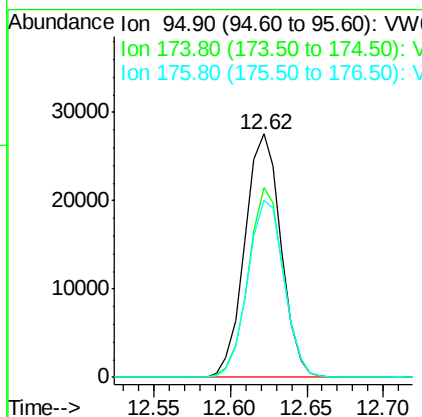
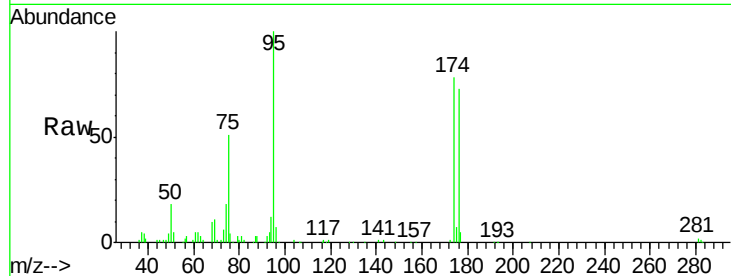




#62
4-Bromofluorobenzene
Concen: 34.251 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007729.D
Acq: 20 Dec 2018 06:23

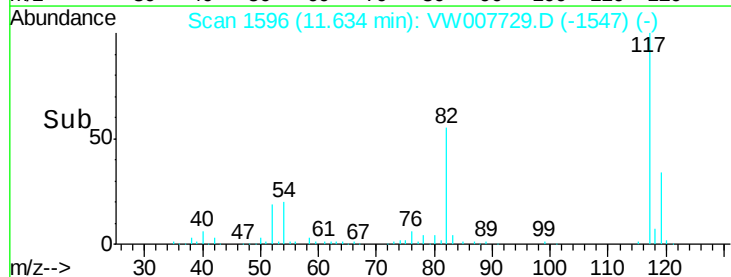
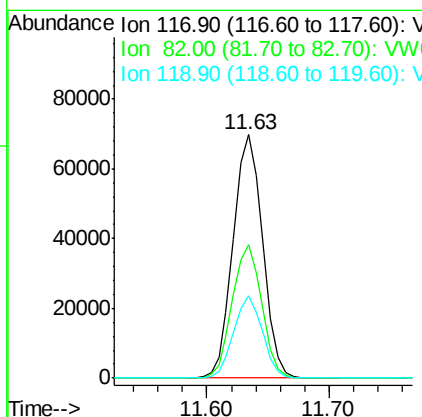
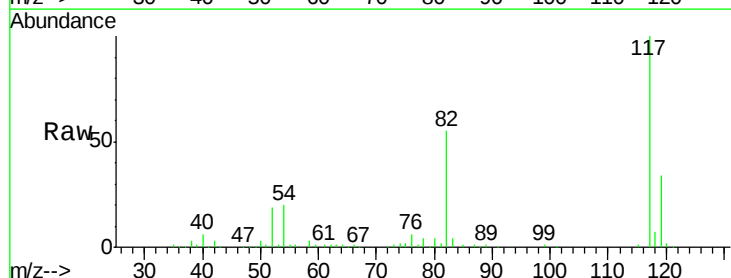
Instrument :
MSVOA_W
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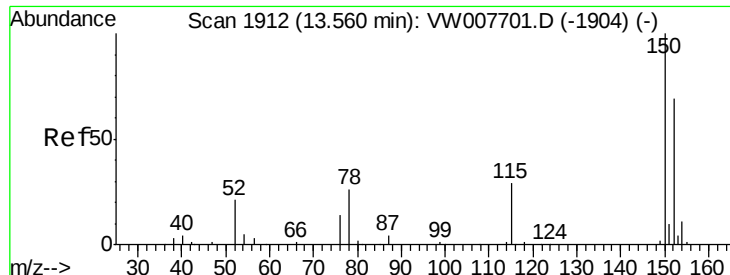
Tgt Ion: 95 Resp: 45274
Ion Ratio Lower Upper
95 100
174 75.5 0.0 152.2
176 73.2 0.0 146.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007729.D
Acq: 20 Dec 2018 06:23

Tgt Ion: 117 Resp: 116150
Ion Ratio Lower Upper
117 100
82 54.6 44.3 66.5
119 33.7 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: VW007729.D

Acq: 20 Dec 2018 06:23

Instrument :

MSVOA_W

ClientSampleId :

P-4

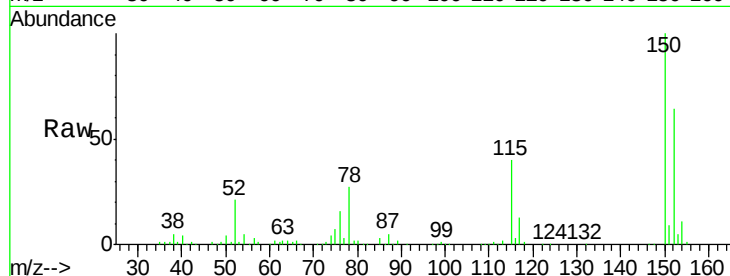
Tgt Ion:152 Resp: 49622

Ion Ratio Lower Upper

152 100

115 61.0 31.8 95.4

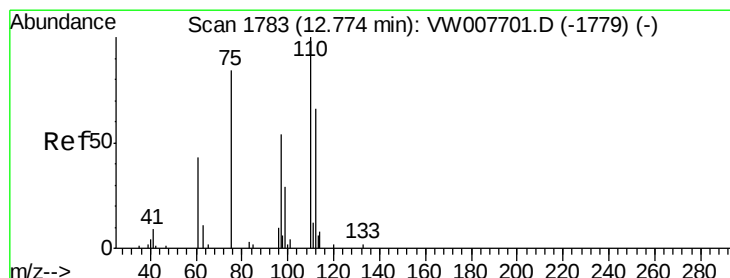
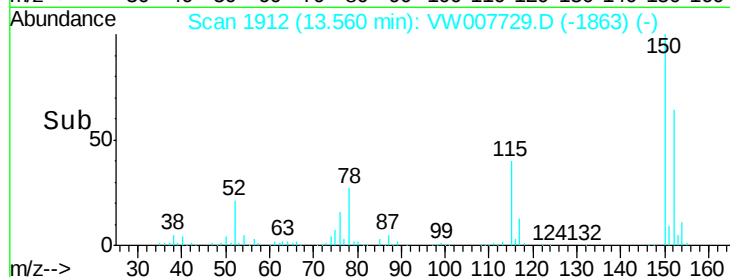
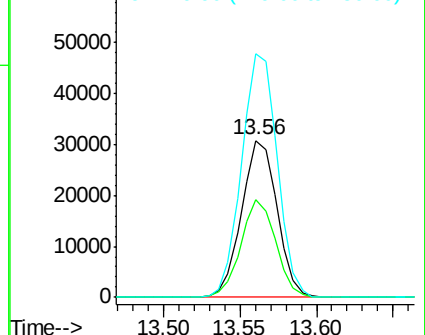
150 156.0 0.0 350.8



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: 59.221 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007729.D

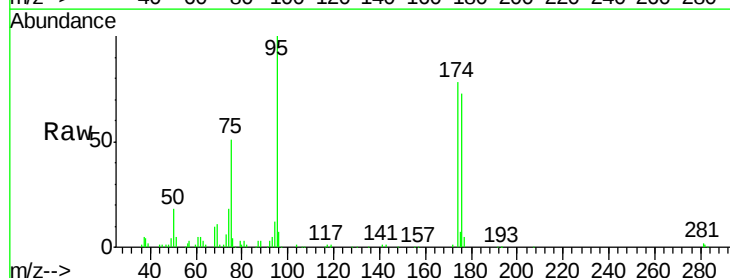
Acq: 20 Dec 2018 06:23

Tgt Ion: 75 Resp: 22713

Ion Ratio Lower Upper

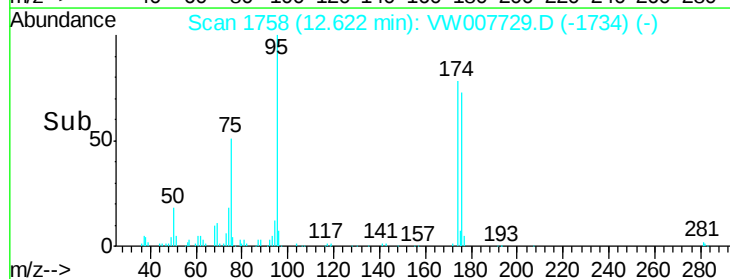
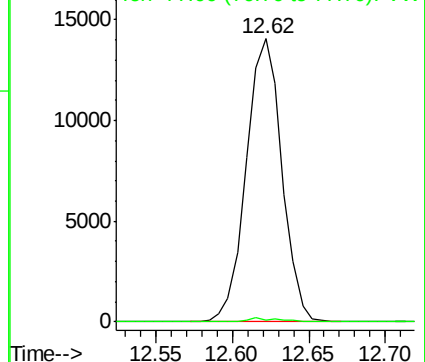
75 100

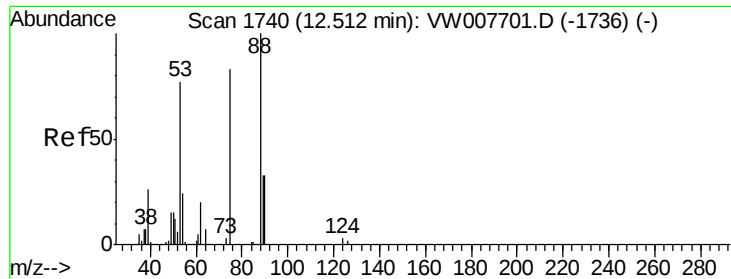
77 1.2 0.0 0.0#



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: 124.308 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW007729.D

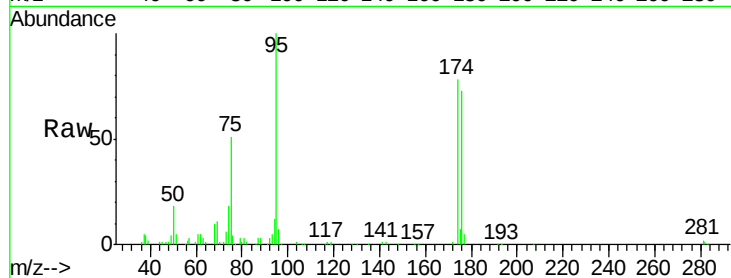
Acq: 20 Dec 2018 06:23

Instrument :

MSVOA_W

ClientSampleId :

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Tgt Ion:	75	Resp:	22713
Ion	Ratio	Lower	Upper
75	100		
53	0.0	80.2	120.2#
89	0.0	39.2	58.8#

