

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121318\
 Data File : VW007429.D
 Acq On : 12 Dec 2018 07:49
 Operator : SY/AP
 Sample : J6322-05
 Misc : 7.74G/5ML/MSVOA W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 12 11:12:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	87395	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	153167	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	137828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	65495	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	43654	45.02	ug/l	0.00
Spiked Amount			Recovery	=	90.04%	
35) Dibromofluoromethane	7.88	113	39900	43.03	ug/l	0.00
Spiked Amount			Recovery	=	86.06%	
50) Toluene-d8	10.32	98	139730	40.19	ug/l	0.00
Spiked Amount			Recovery	=	80.38%	
62) 4-Bromofluorobenzene	12.62	95	53727	42.03	ug/l	0.00
Spiked Amount			Recovery	=	84.06%	

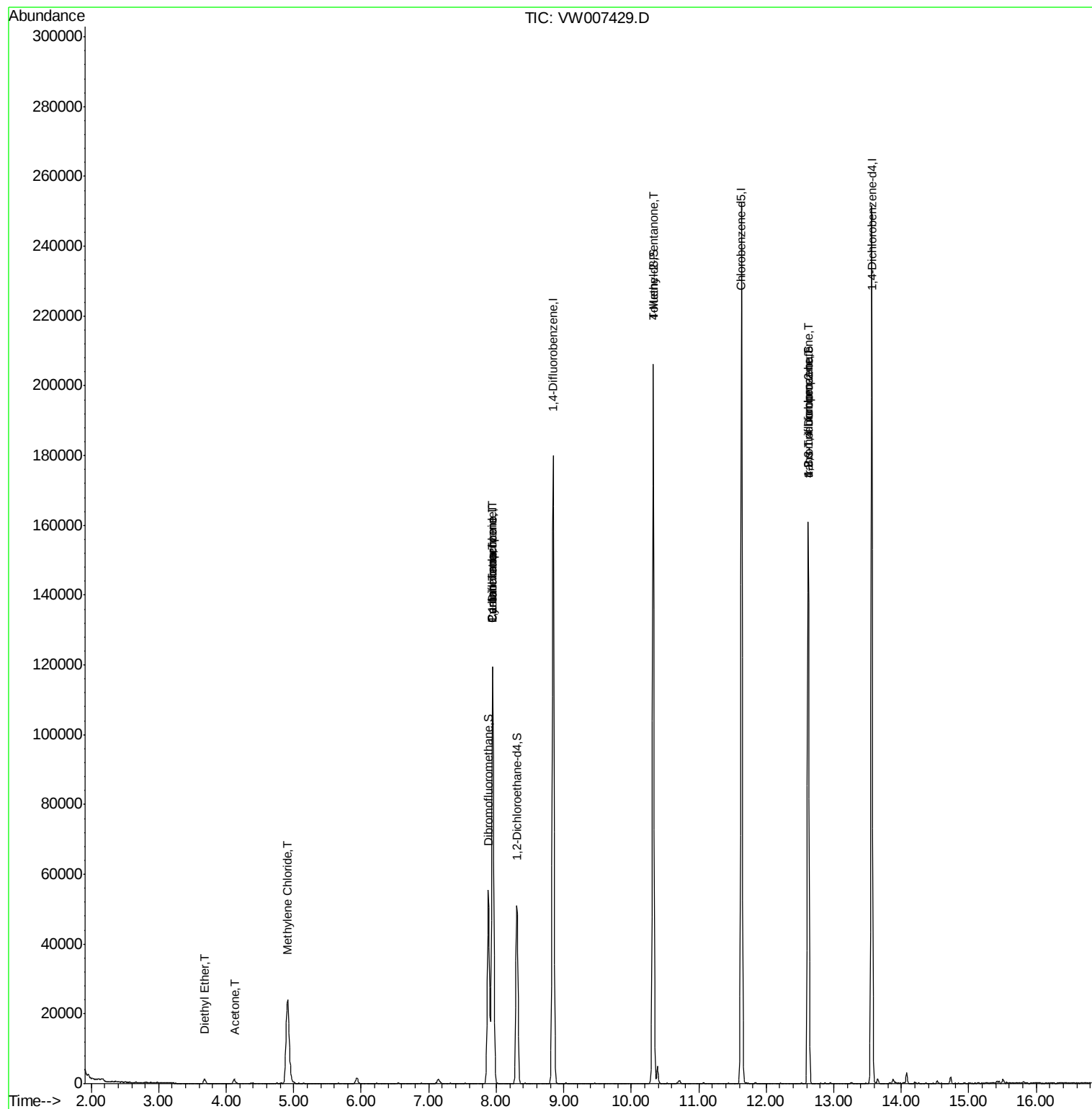
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	668	1.582	ug/l	82
16) Acetone	4.12	43	2211	13.055	ug/l	96
20) Methylene Chloride	4.90	84	20963	20.308	ug/l	93
31) Cyclohexane	7.95	56	1873	1.244	ug/l #	10
36) 1,1-Dichloropropene	7.95	75	6614	4.734	ug/l #	49
38) Carbon Tetrachloride	7.95	117	9448	6.215	ug/l #	16
51) 4-Methyl-2-Pentanone	10.32	43	589	1.214	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	27608	51.124	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	27608	112.932	ug/l #	7

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007429.D

Acq: 12 Dec 2018 07:49

Instrument :

MSVOA_W

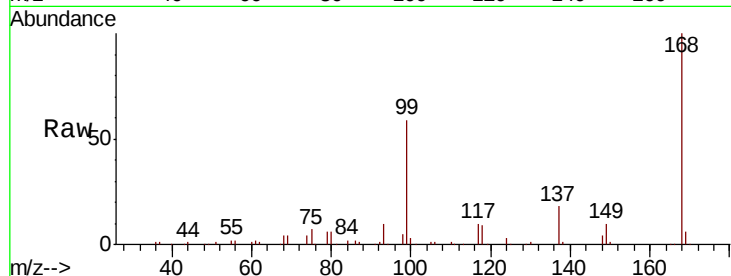
ClientSampled :

Tot Ion:168 Resp: 87395

Ion Ratio Lower Upper

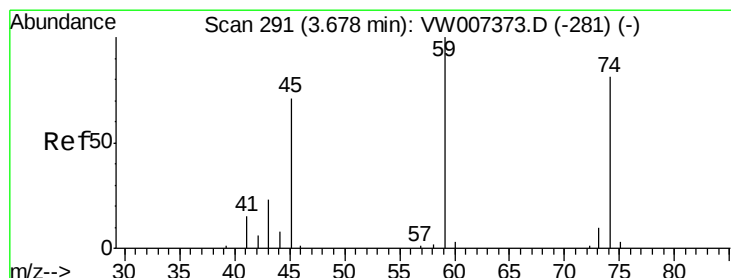
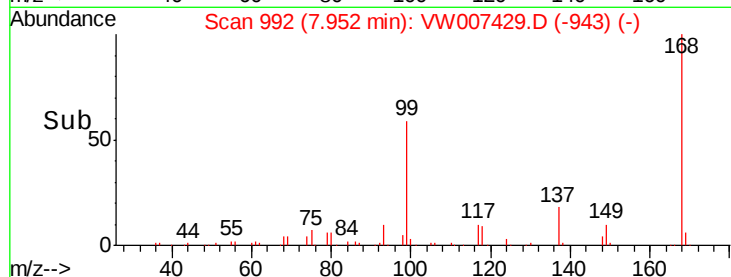
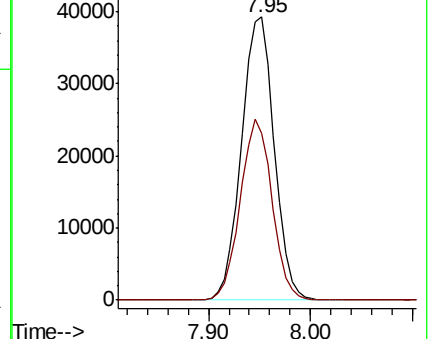
168 100

99 59.2 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.582 ug/l

RT: 3.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VW007429.D

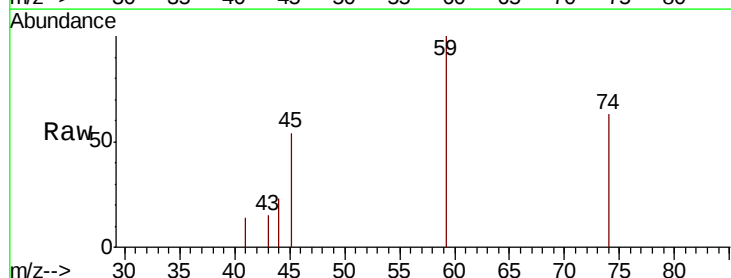
Acq: 12 Dec 2018 07:49

Tgt Ion: 74 Resp: 668

Ion Ratio Lower Upper

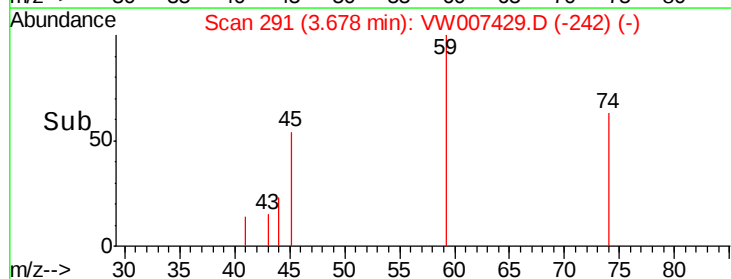
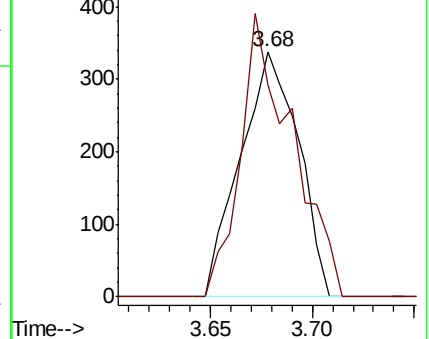
74 100

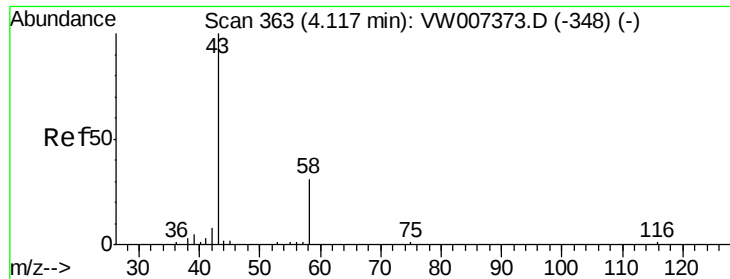
45 102.4 43.0 129.0



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 13.055 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007429.D

Acq: 12 Dec 2018 07:49

Instrument :

MSVOA_W

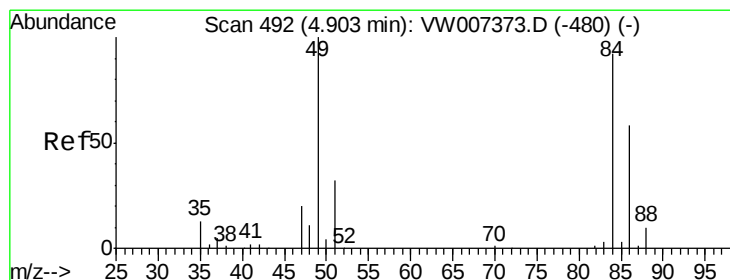
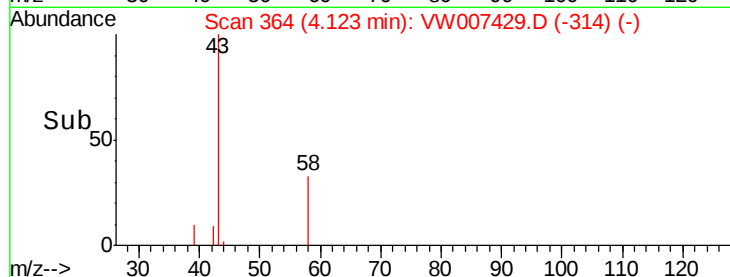
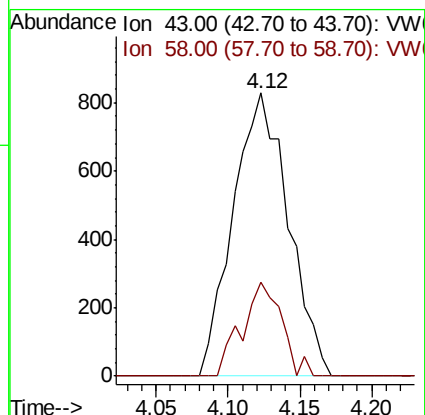
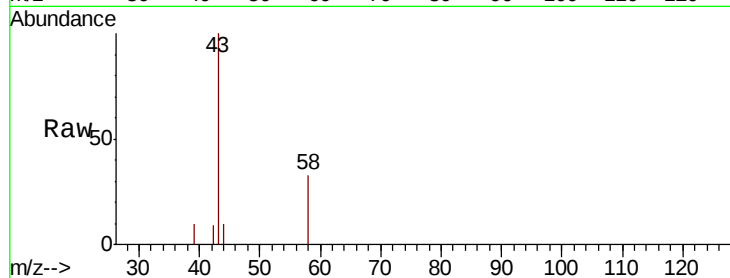
ClientSampleId :

Tot Ion: 43 Resp: 2211

Ion Ratio Lower Upper

43 100

58 33.3 24.9 37.3



#20

Methylene Chloride

Concen: 20.308 ug/l

RT: 4.90 min Scan# 492

Delta R.T. 0.00 min

Lab File: VW007429.D

Acq: 12 Dec 2018 07:49

Tgt Ion: 84 Resp: 20963

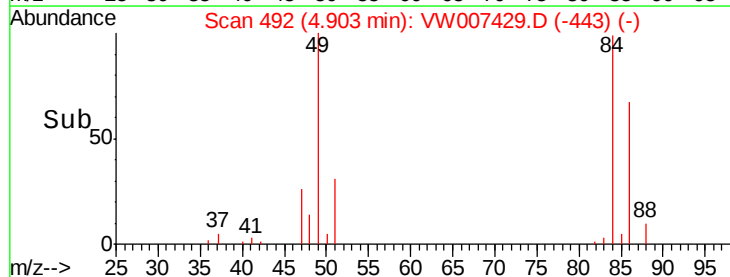
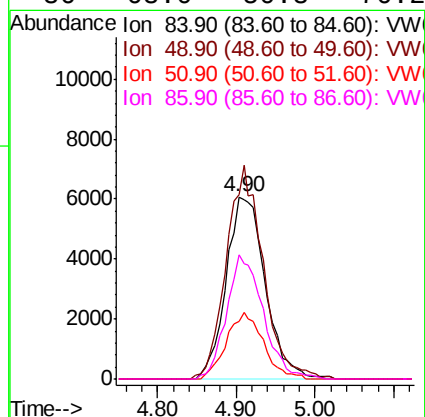
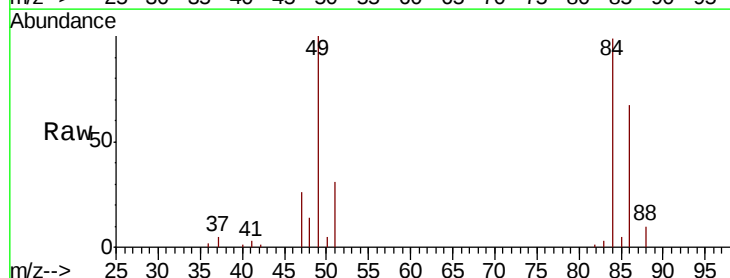
Ion Ratio Lower Upper

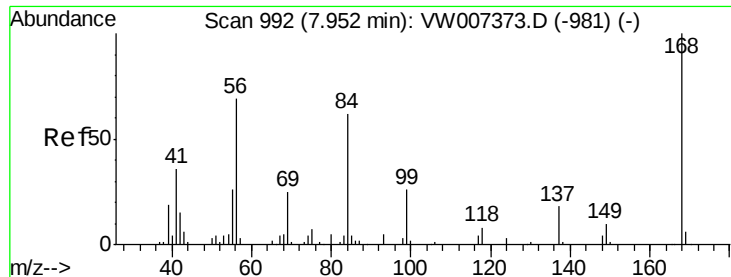
84 100

49 101.0 87.1 130.7

51 31.7 28.2 42.2

86 68.0 50.8 76.2

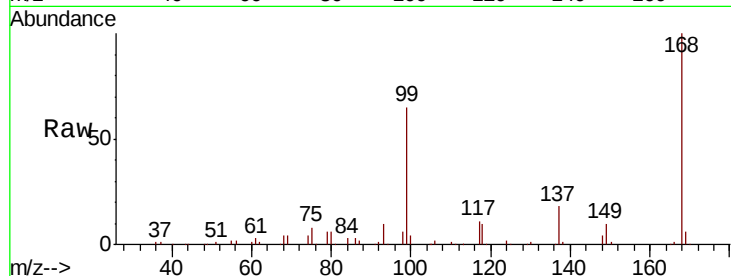




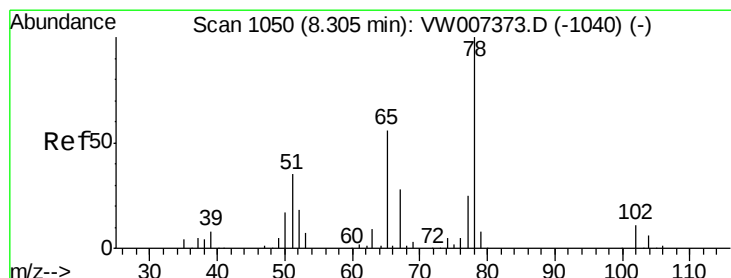
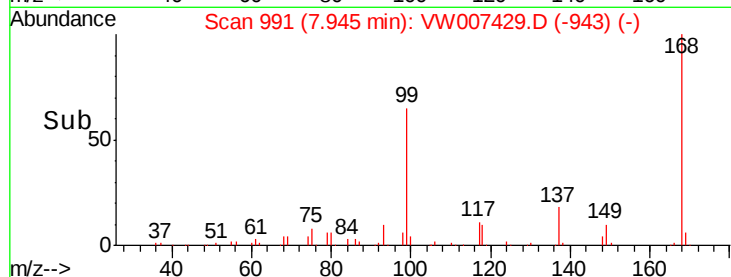
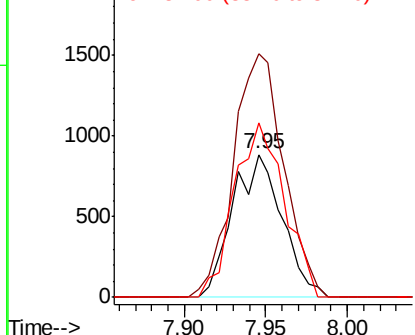
#31
Cyclohexane
Concen: 1.244 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007429.D
Acq: 12 Dec 2018 07:49

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 1873
Ion Ratio Lower Upper
56 100
69 170.5 28.9 43.3#
84 122.0 71.8 107.6#

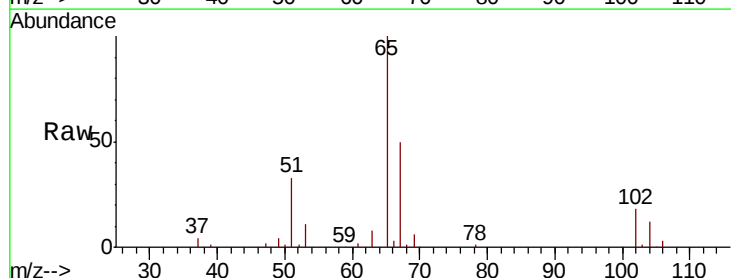


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

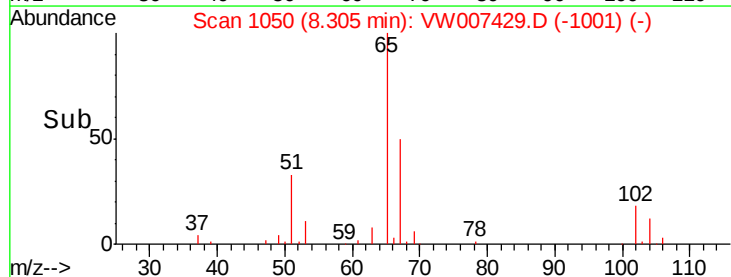
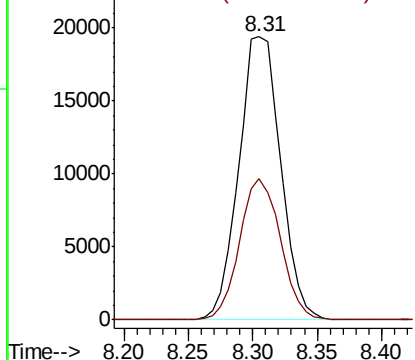


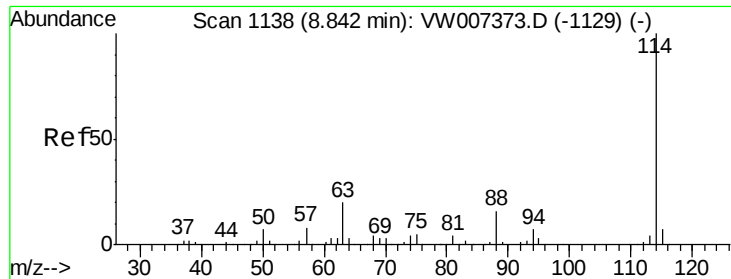
#33
1,2-Dichloroethane-d4
Concen: 45.024 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW007429.D
Acq: 12 Dec 2018 07:49

Tgt Ion: 65 Resp: 43654
Ion Ratio Lower Upper
65 100
67 48.6 0.0 101.6



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

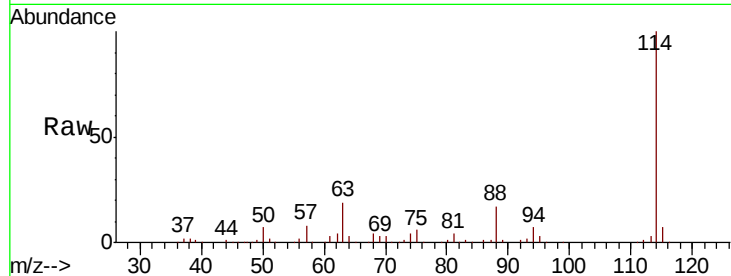




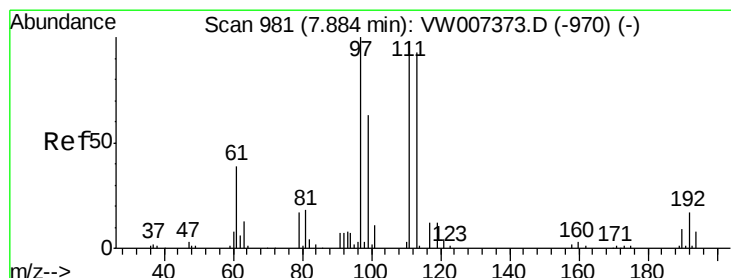
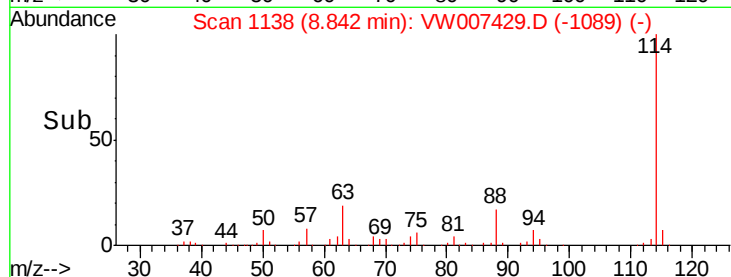
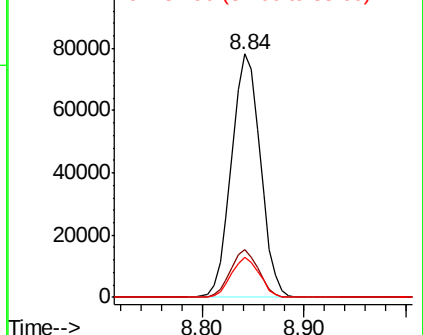
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007429.D
 Acq: 12 Dec 2018 07:49

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:114 Resp: 153167
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.6
 88 16.6 0.0 31.4

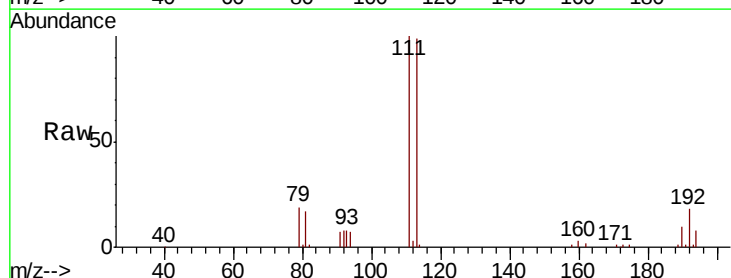


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

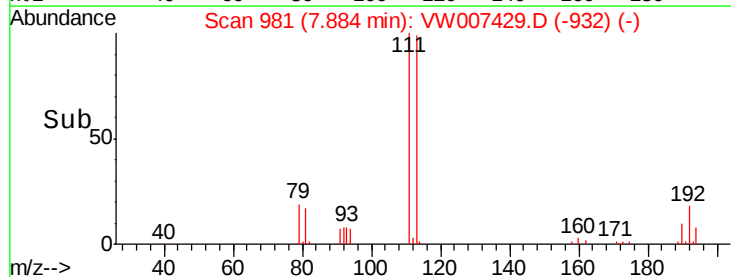
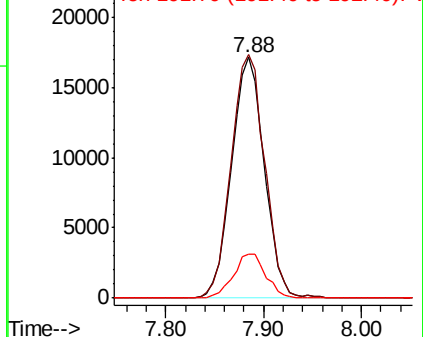


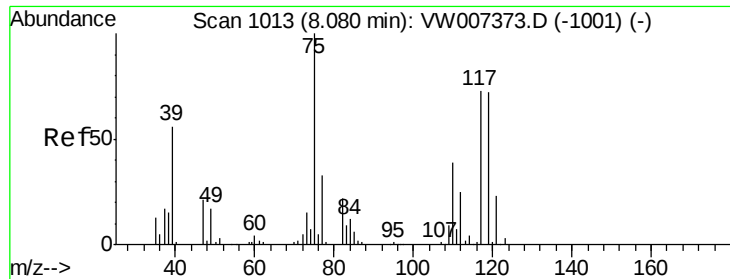
#35
 Dibromofluoromethane
 Concen: 43.034 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007429.D
 Acq: 12 Dec 2018 07:49

Tgt Ion:113 Resp: 39900
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.1 121.7
 192 18.0 14.6 21.8



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

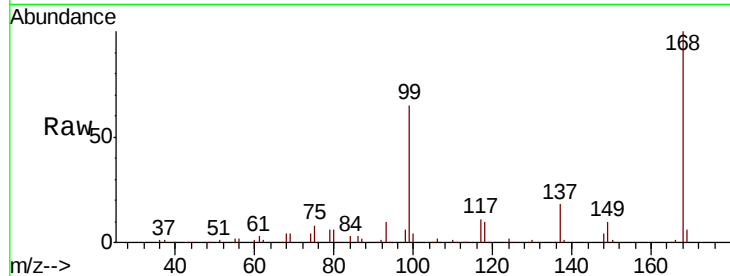




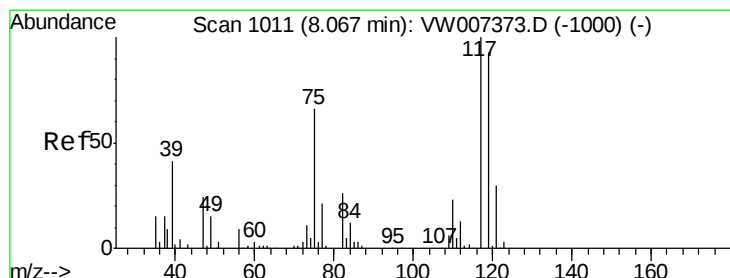
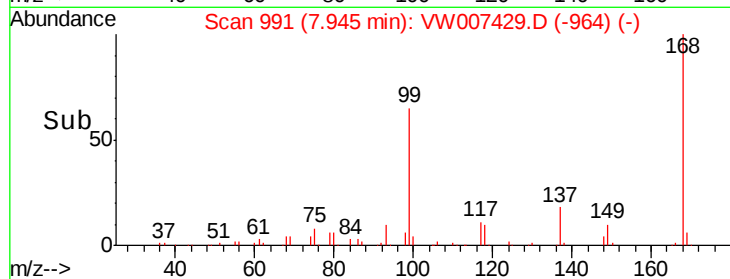
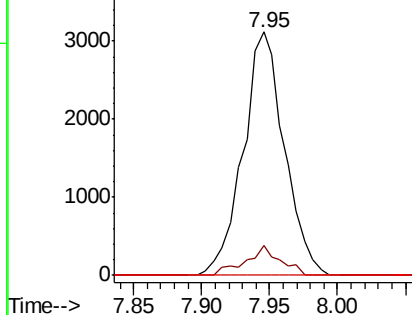
#36
 1,1-Dichloropropene
 Concen: 4.734 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007429.D
 Acq: 12 Dec 2018 07:49

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 6614
 Ion Ratio Lower Upper
 75 100
 110 10.2 18.5 55.5#
 77 0.0 25.6 38.4#

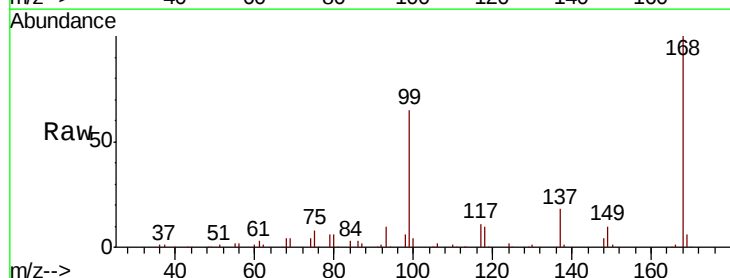


Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

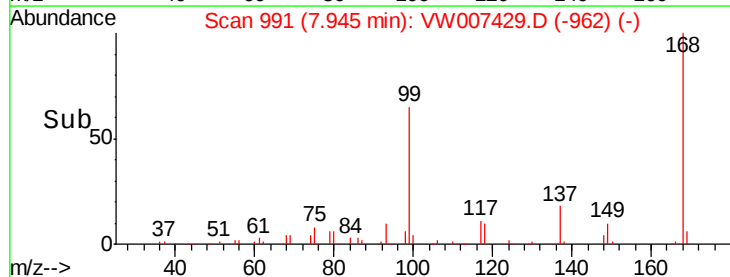
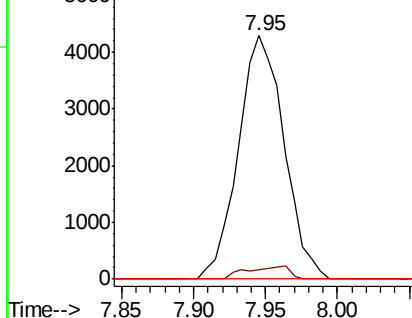


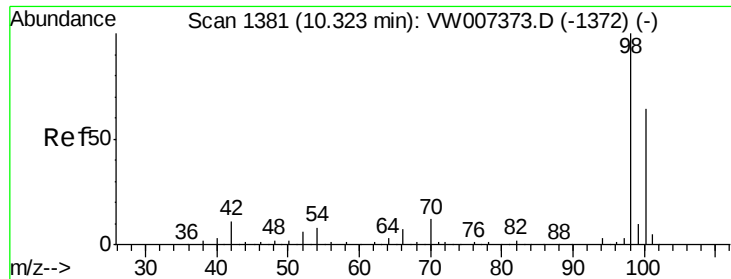
#38
 Carbon Tetrachloride
 Concen: 6.215 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW007429.D
 Acq: 12 Dec 2018 07:49

Tgt Ion: 117 Resp: 9448
 Ion Ratio Lower Upper
 117 100
 119 4.0 74.3 111.5#
 121 0.0 24.3 36.5#



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: 40.194 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW007429.D

Acq: 12 Dec 2018 07:49

Instrument :

MSVOA_W

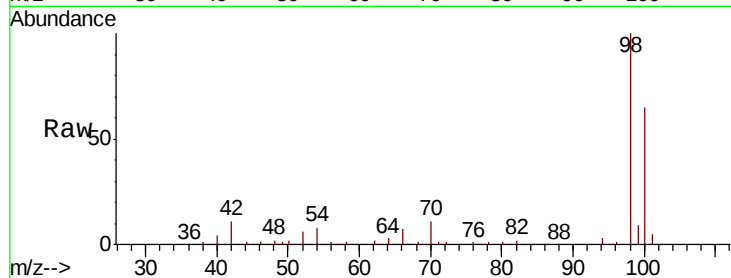
ClientSampleId :

Tot Ion: 98 Resp: 139730

Ion Ratio Lower Upper

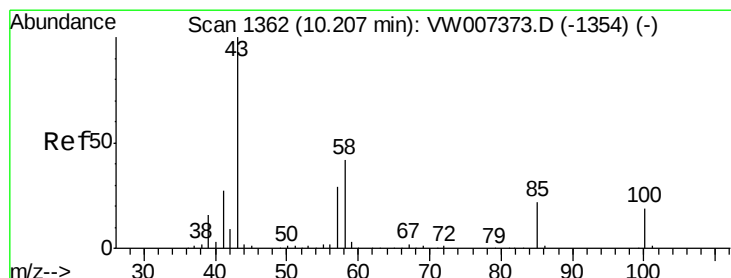
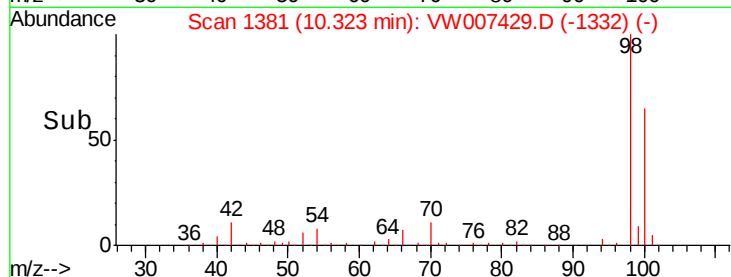
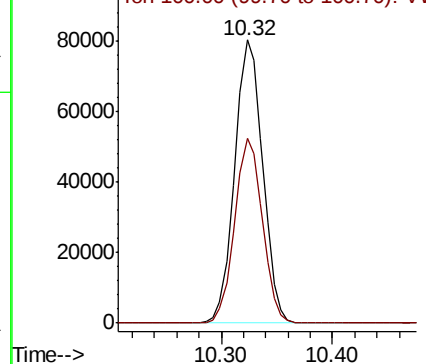
98 100

100 64.7 51.8 77.8



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: 1.214 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.12 min

Lab File: VW007429.D

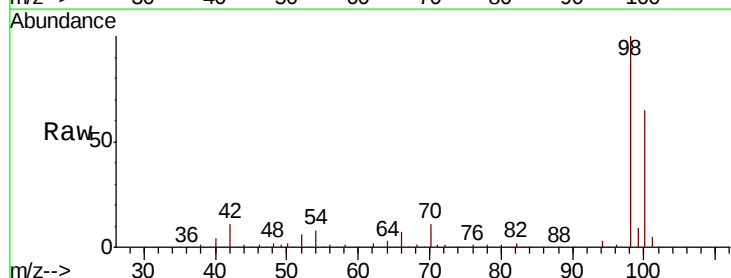
Acq: 12 Dec 2018 07:49

Tgt Ion: 43 Resp: 589

Ion Ratio Lower Upper

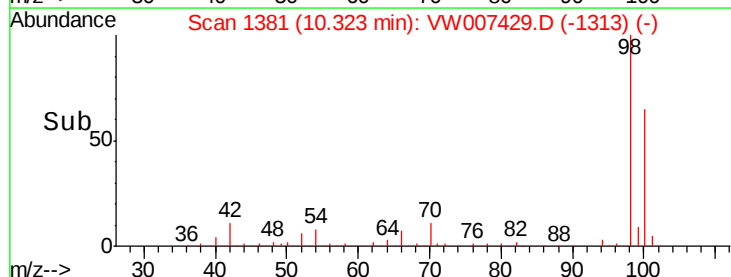
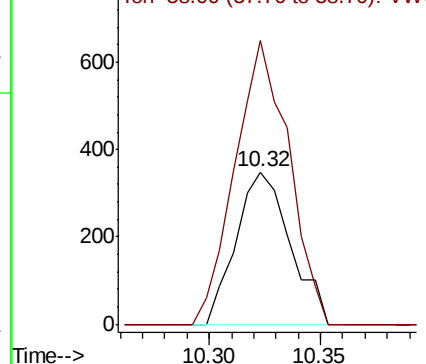
43 100

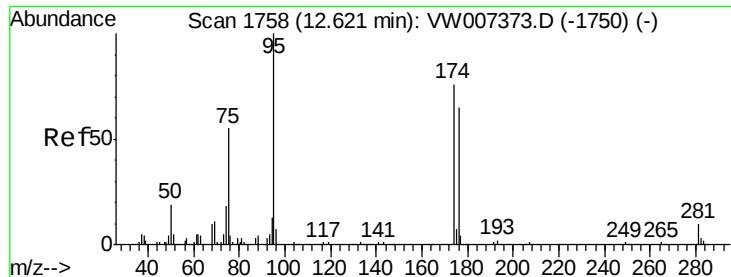
58 185.9 33.1 49.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

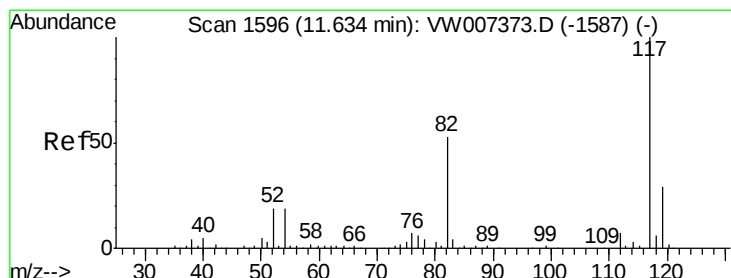
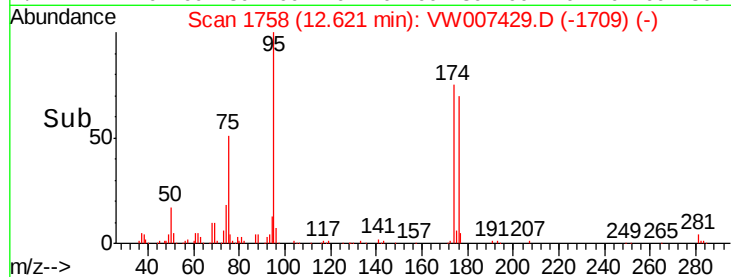
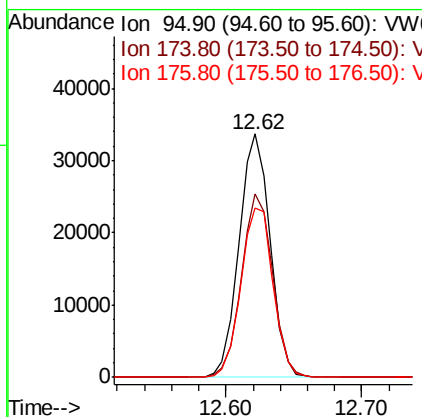
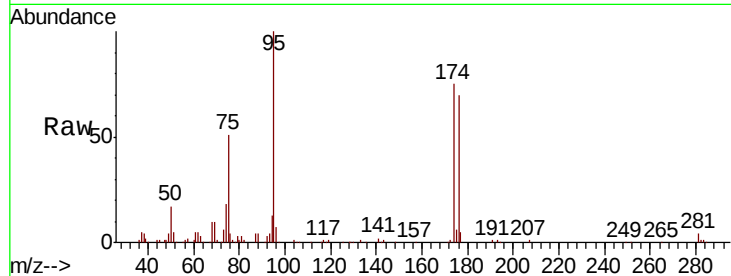




#62
4-Bromofluorobenzene
Concen: 42.034 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007429.D
Acq: 12 Dec 2018 07:49

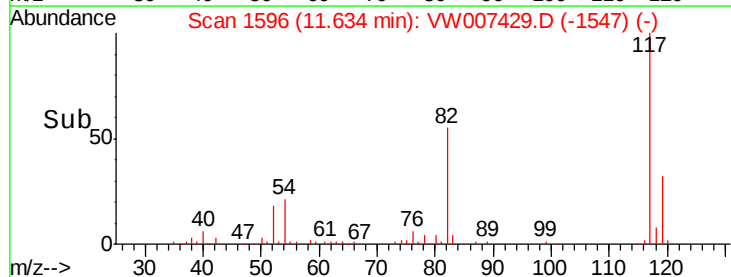
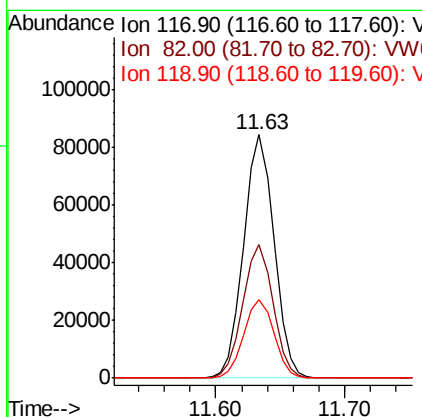
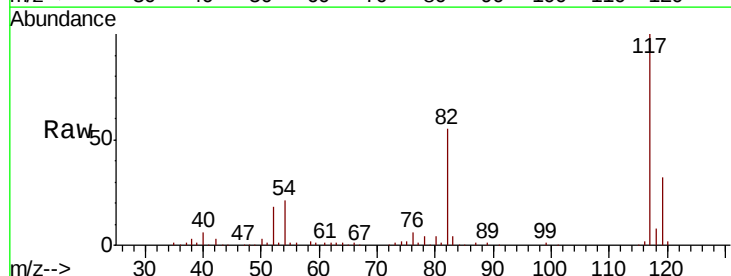
Instrument :
MSVOA_W
ClientSampleId :

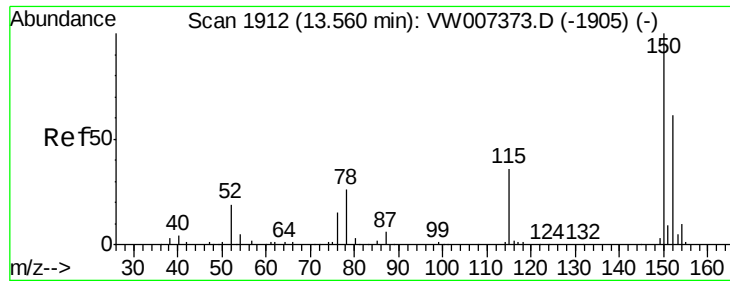
Tot Ion: 95 Resp: 53727
Ion Ratio Lower Upper
95 100
174 75.6 0.0 147.2
176 72.3 0.0 138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007429.D
Acq: 12 Dec 2018 07:49

Tgt Ion: 117 Resp: 137828
Ion Ratio Lower Upper
117 100
82 54.7 42.3 63.5
119 32.1 23.0 34.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW007429.D

Acq: 12 Dec 2018 07:49

Instrument :

MSVOA_W

ClientSampleId :

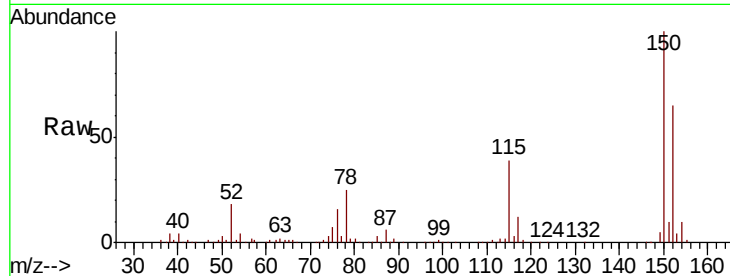
Tot Ion:152 Resp: 65495

Ion Ratio Lower Upper

152 100

115 62.4 31.4 94.2

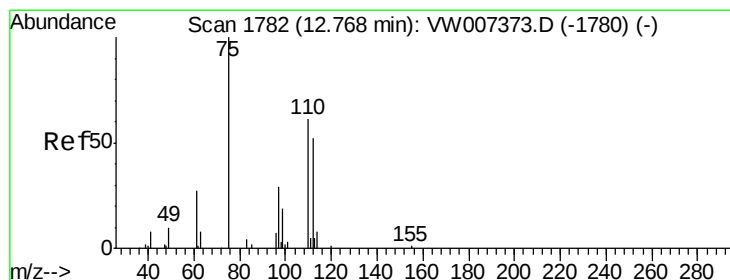
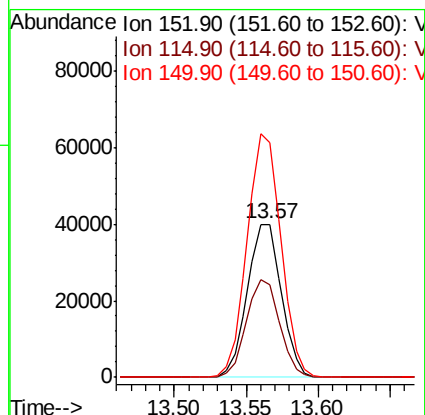
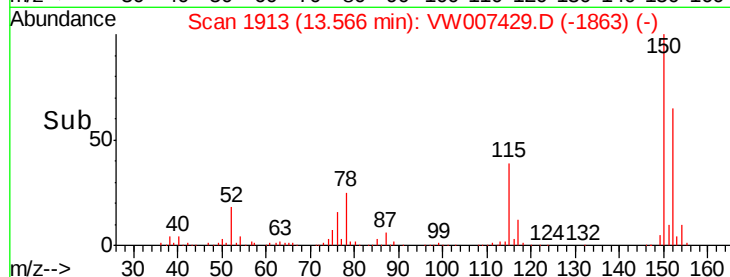
150 157.9 0.0 358.4



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: 51.124 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007429.D

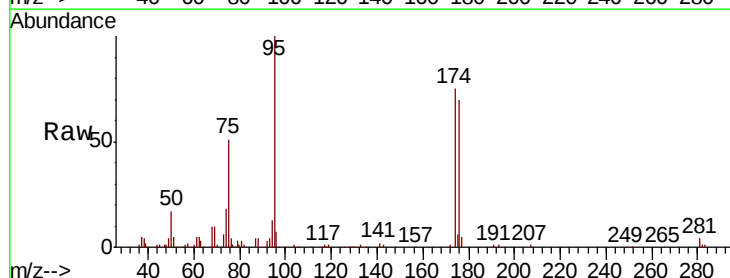
Acq: 12 Dec 2018 07:49

Tgt Ion: 75 Resp: 27608

Ion Ratio Lower Upper

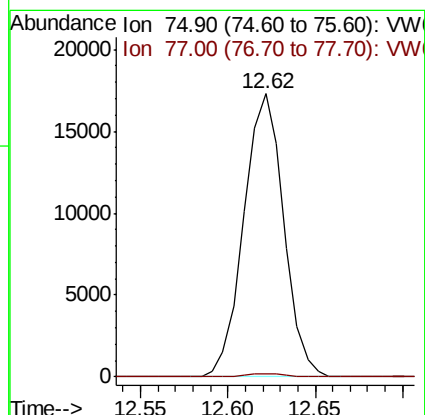
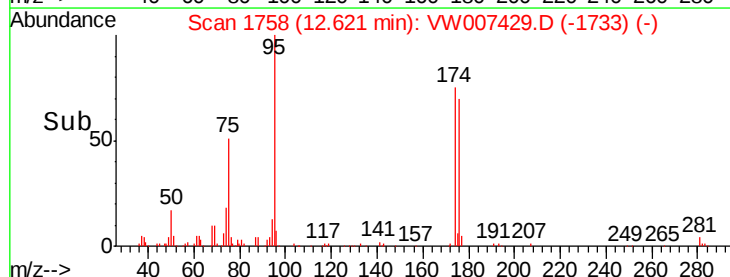
75 100

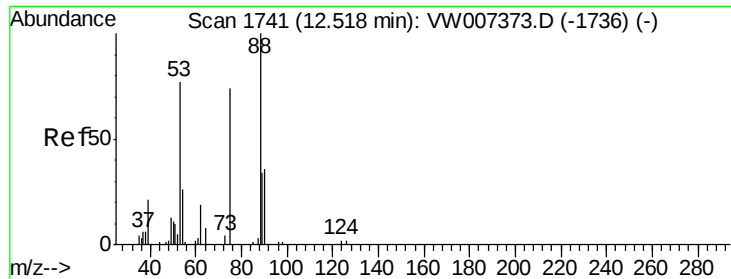
77 1.0 166.9 500.8#



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: 112.932 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007429.D

Acq: 12 Dec 2018 07:49

Instrument :

MSVOA_W

ClientSampleId :

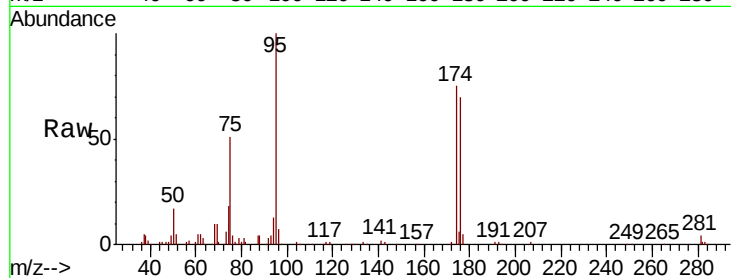
Tot Ion: 75 Resp: 27608

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#



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

