

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112218\
 Data File : VW007012.D
 Acq On : 21 Nov 2018 20:31
 Operator : VAY/AP
 Sample : J60006-05
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 22 04:39:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	82175	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	140676	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	106709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	36895	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	49463	61.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.96%	
35) Dibromofluoromethane	7.89	113	41636	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	
50) Toluene-d8	10.33	98	133059	37.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.86%	
62) 4-Bromofluorobenzene	12.62	95	41898	30.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	60.70%	

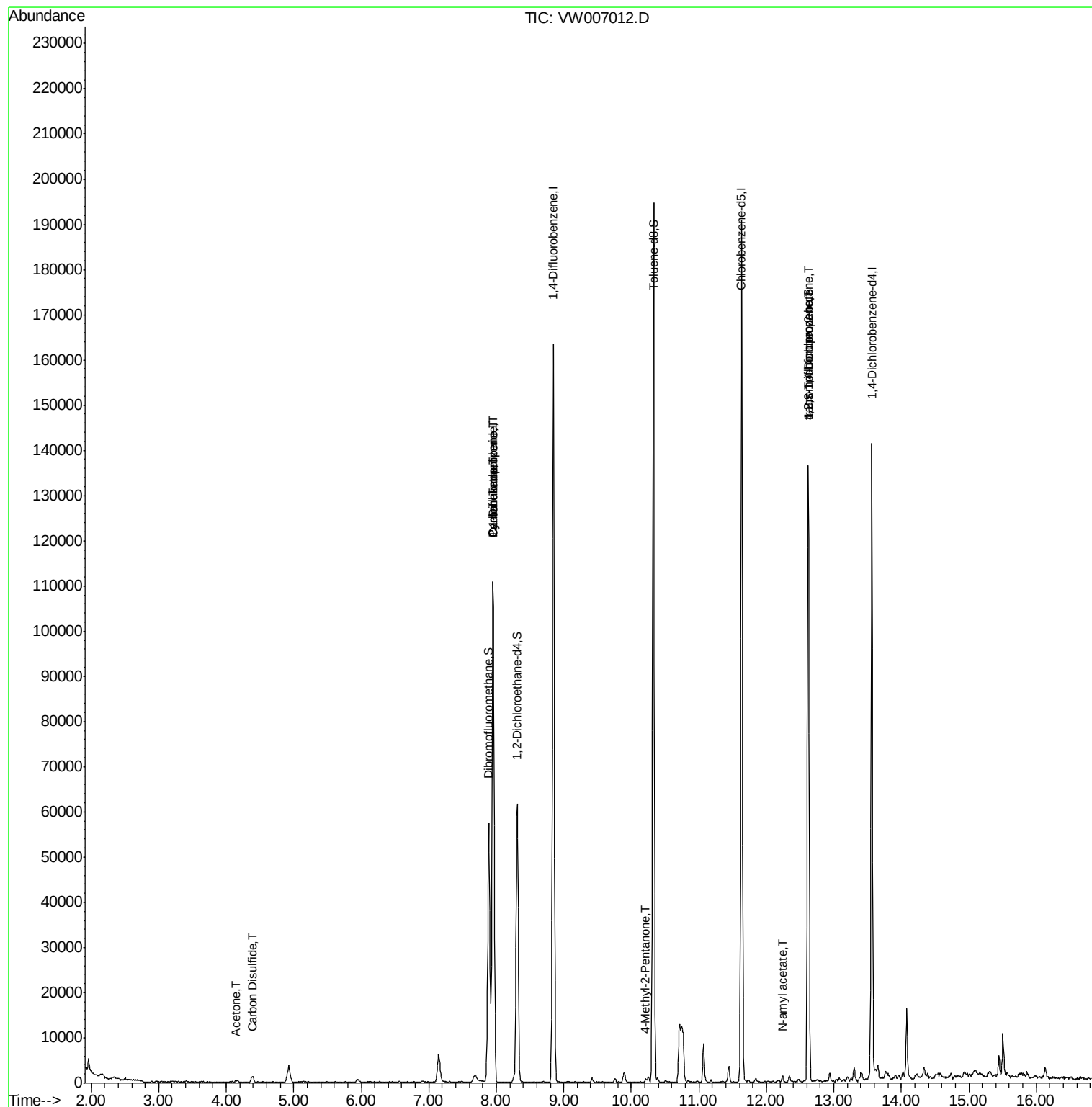
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	503	4.306	ug/l #	81
17) Carbon Disulfide	4.39	76	2736	1.138	ug/l #	93
20) Methylene Chloride	4.93	84	2804	Below Cal	#	90
31) Cyclohexane	7.96	56	1650	1.065	ug/l #	6
36) 1,1-Dichloropropene	7.96	75	6196	4.507	ug/l #	50
38) Carbon Tetrachloride	7.95	117	8430	6.404	ug/l #	16
51) 4-Methyl-2-Pentanone	10.21	43	668	1.392	ug/l	99
74) N-amyl acetate	12.24	43	885	1.842	ug/l #	46
76) 1,2,3-Trichloropropane	12.62	75	20668	71.289	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	20668	178.978	ug/l #	10

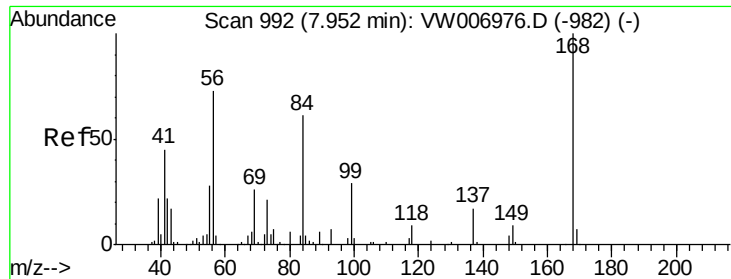
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 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: VW007012.D

Acq: 21 Nov 2018 20:31

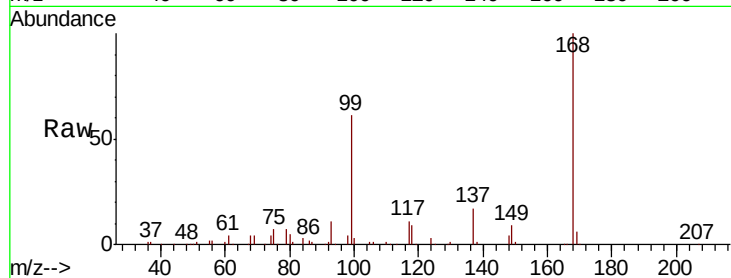
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 82175

Ion Ratio Lower Upper

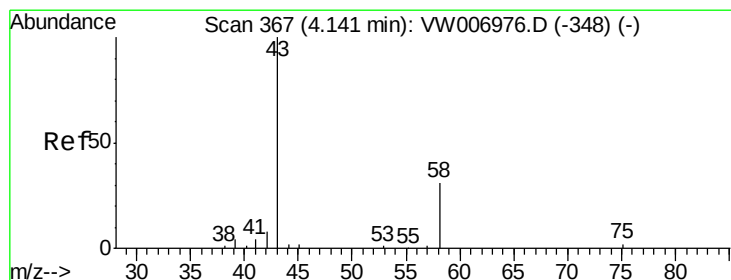
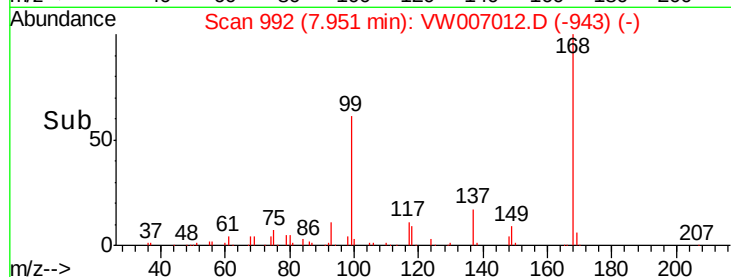
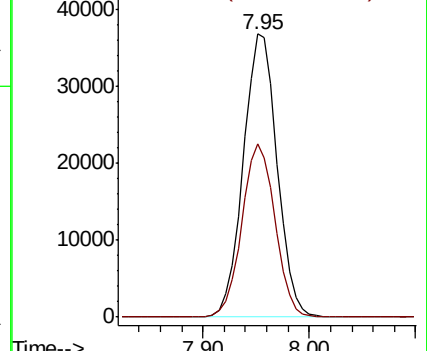
168 100

99 61.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 4.306 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.00 min

Lab File: VW007012.D

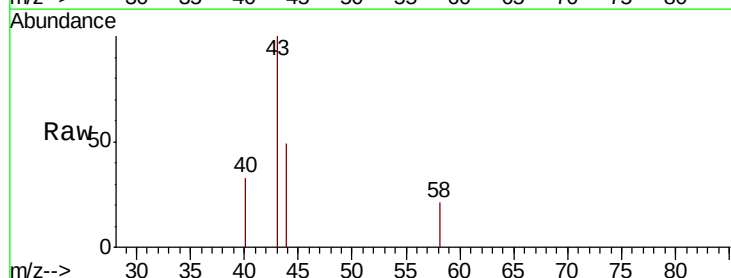
Acq: 21 Nov 2018 20:31

Tgt Ion: 43 Resp: 503

Ion Ratio Lower Upper

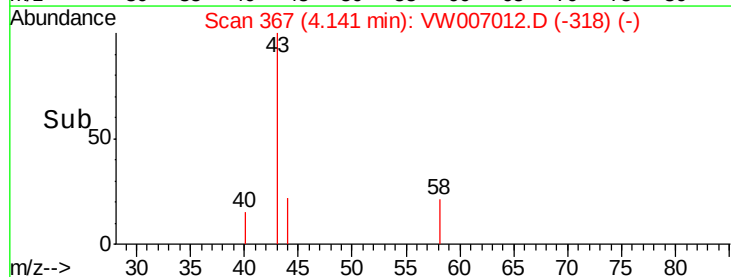
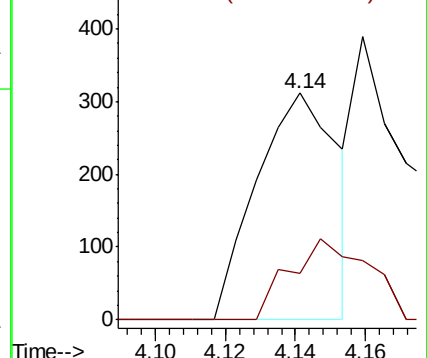
43 100

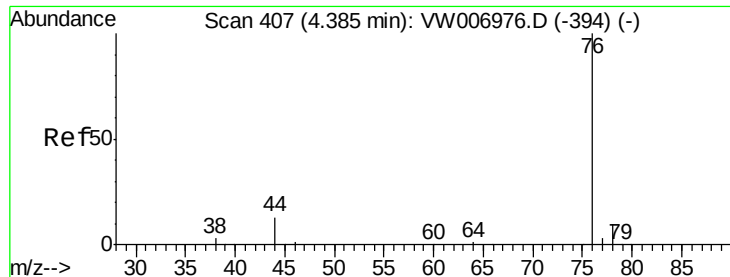
58 20.5 24.8 37.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 1.138 ug/l

RT: 4.39 min Scan# 408

Delta R.T. 0.01 min

Lab File: VW007012.D

Acq: 21 Nov 2018 20:31

Instrument :

MSVOA_W

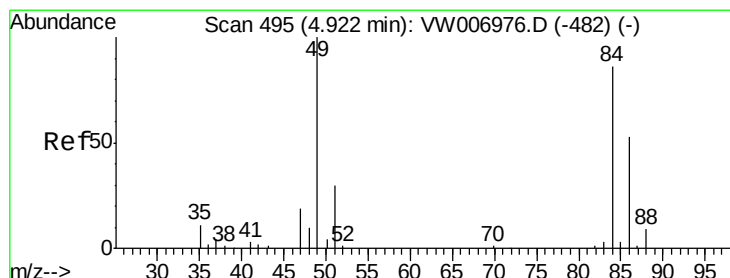
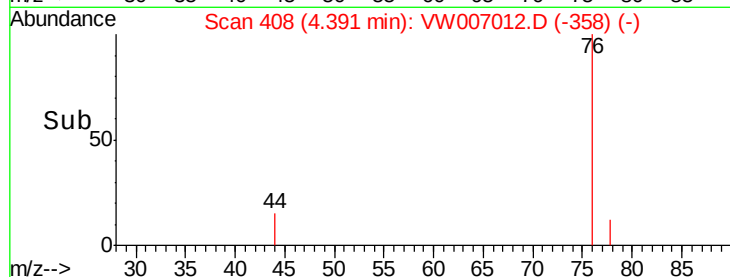
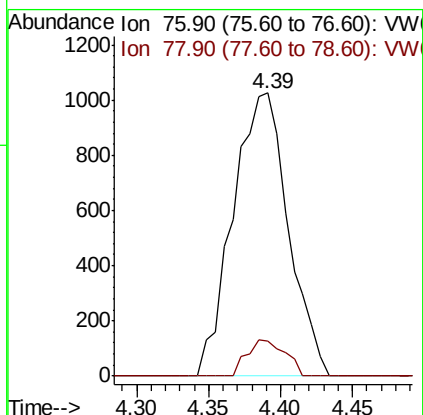
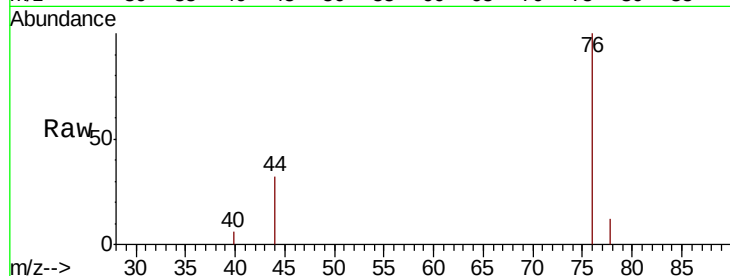
ClientSampleId :

Tot Ion: 76 Resp: 2736

Ion Ratio Lower Upper

76 100

78 12.2 7.8 11.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW007012.D

Acq: 21 Nov 2018 20:31

Tgt Ion: 84 Resp: 2804

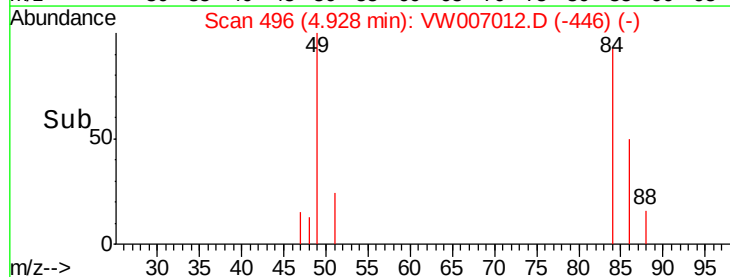
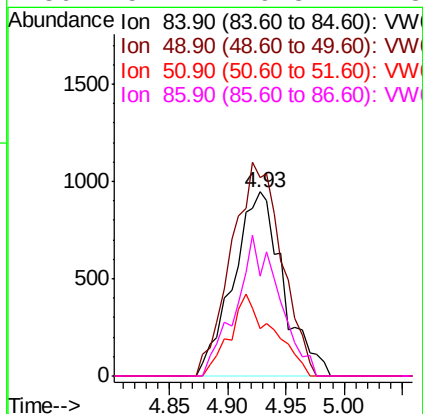
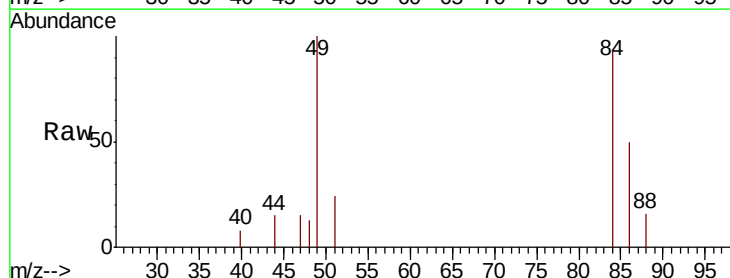
Ion Ratio Lower Upper

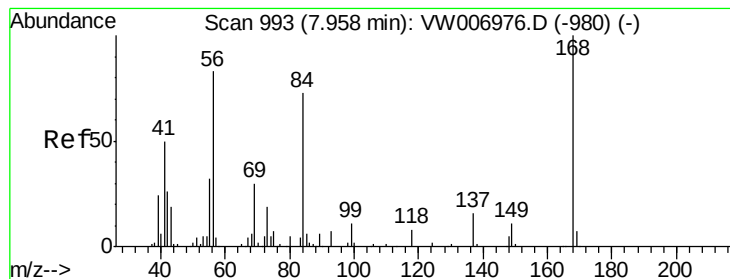
84 100

49 107.6 93.4 140.0

51 25.7 28.4 42.6#

86 54.2 49.8 74.8





#31

Cyclohexane

Concen: 1.065 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW007012.D

Acq: 21 Nov 2018 20:31

Instrument :

MSVOA_W

ClientSampled :

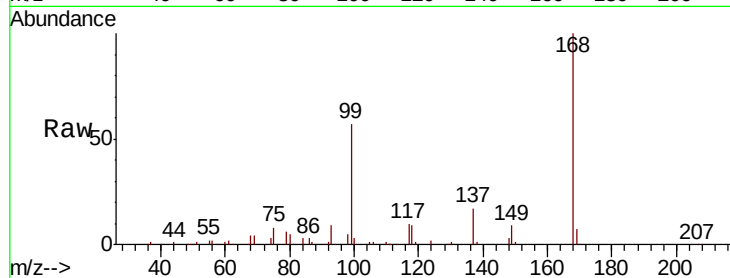
Tot Ion: 56 Resp: 1650

Ion Ratio Lower Upper

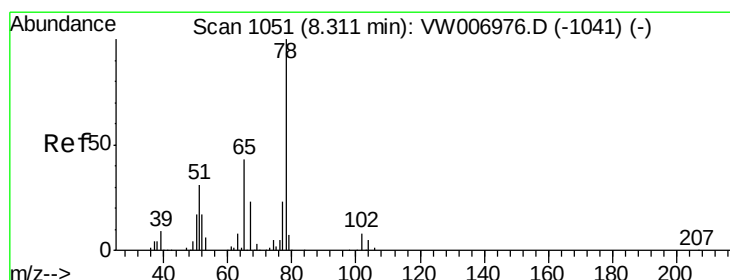
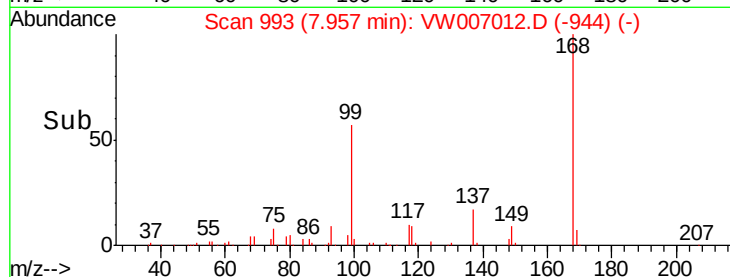
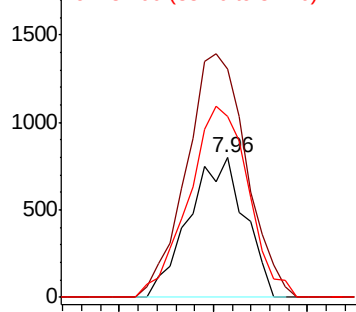
56 100

69 163.5 29.1 43.7#

84 129.6 70.6 105.8#



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: 61.482 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW007012.D

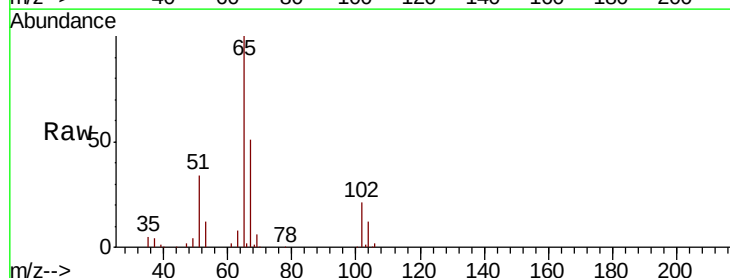
Acq: 21 Nov 2018 20:31

Tgt Ion: 65 Resp: 49463

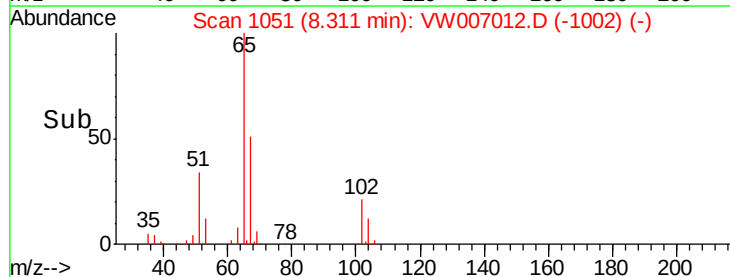
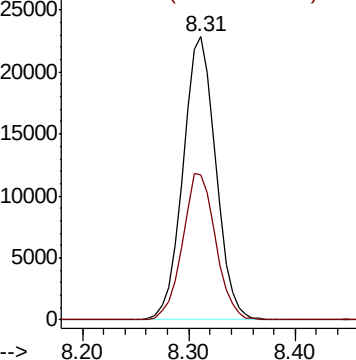
Ion Ratio Lower Upper

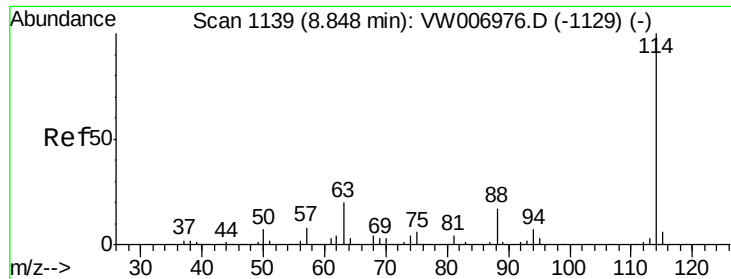
65 100

67 52.2 0.0 106.2



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

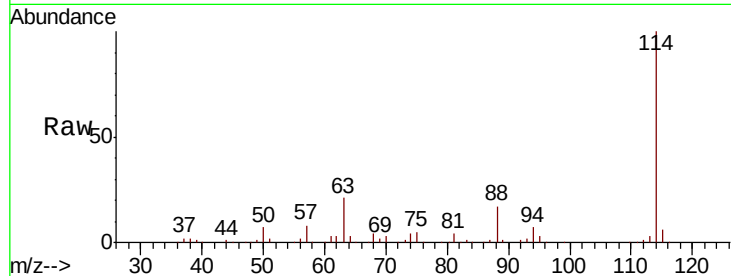




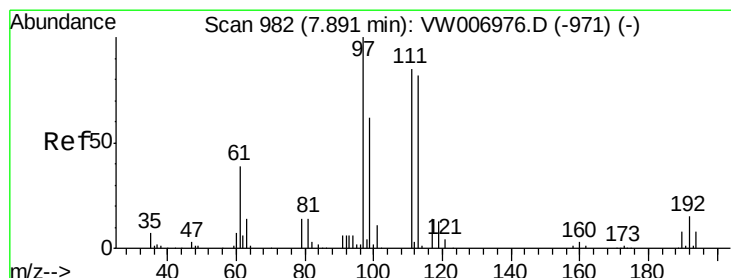
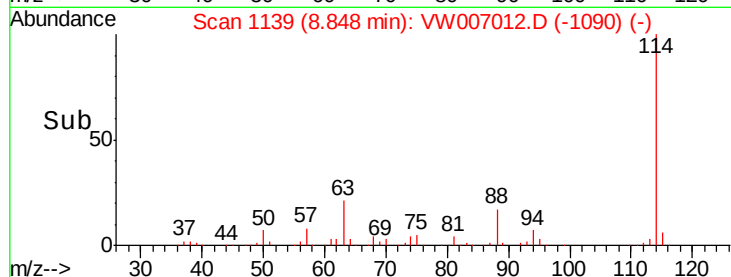
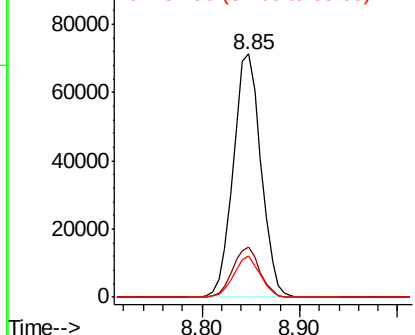
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007012.D
 Acq: 21 Nov 2018 20:31

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:114 Resp: 140676
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.4
 88 16.9 0.0 34.2

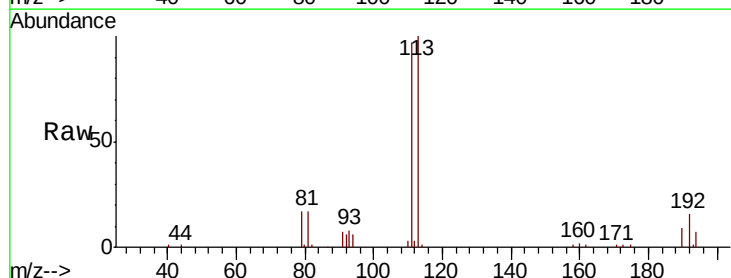


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

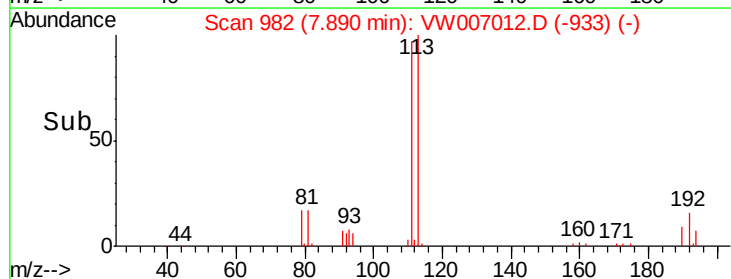
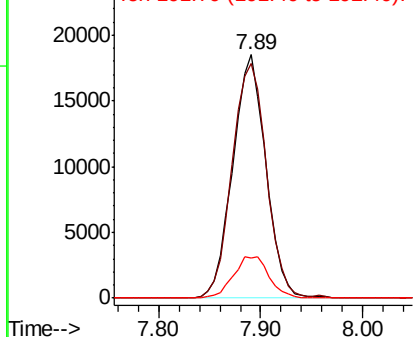


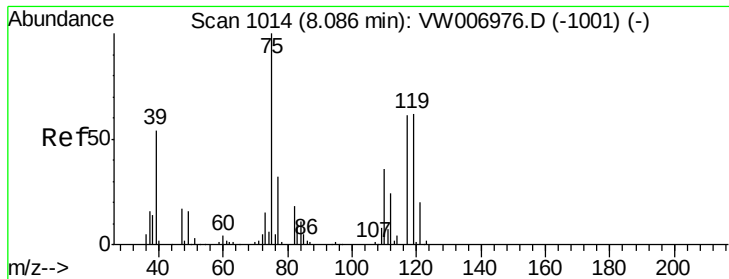
#35
 Dibromofluoromethane
 Concen: 52.410 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW007012.D
 Acq: 21 Nov 2018 20:31

Tgt Ion:113 Resp: 41636
 Ion Ratio Lower Upper
 113 100
 111 100.1 81.0 121.6
 192 18.2 15.0 22.6



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

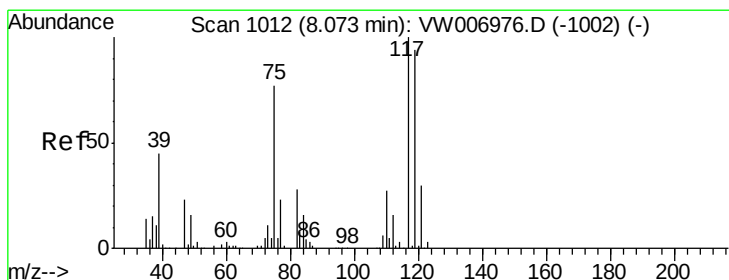
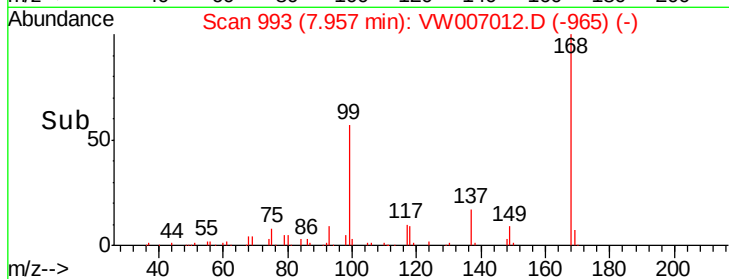
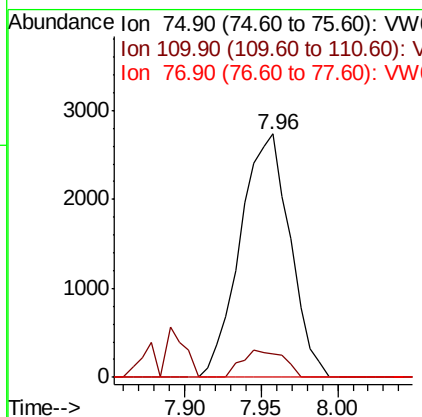
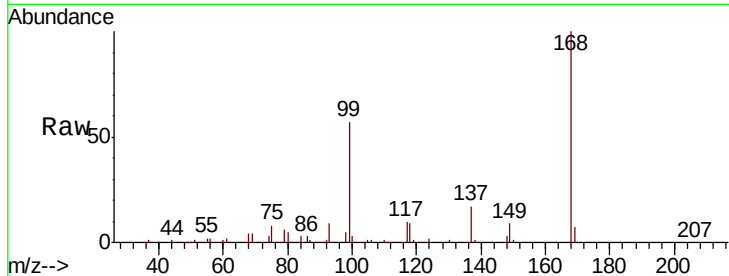




#36
 1,1-Dichloropropene
 Concen: 4.507 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VW007012.D
 Acq: 21 Nov 2018 20:31

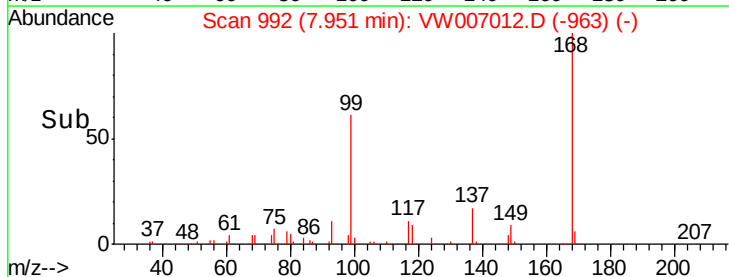
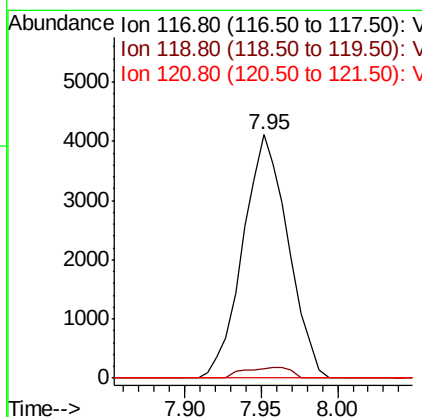
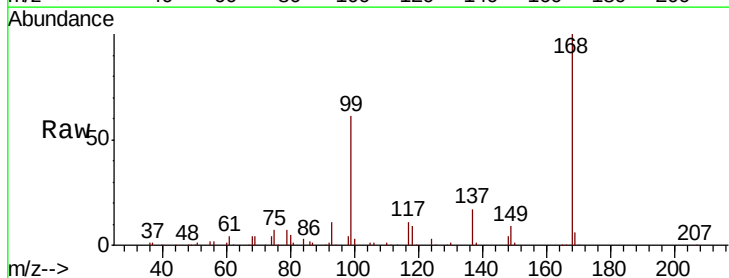
Instrument :
 MSVOA_W
 ClientSampleId :

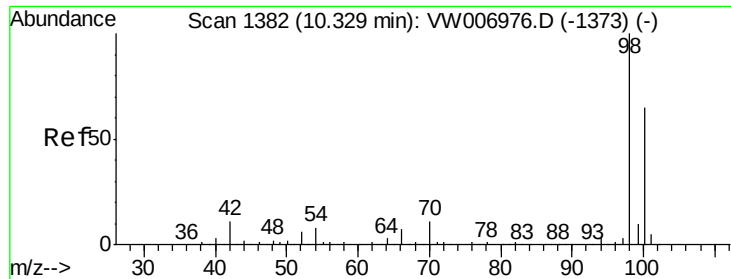
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.0	54.0#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.404 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007012.D
 Acq: 21 Nov 2018 20:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.0	74.9	112.3#
121	0.0	23.6	35.4#





#50

Toluene-d8

Concen: 37.929 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW007012.D

Acq: 21 Nov 2018 20:31

Instrument :

MSVOA_W

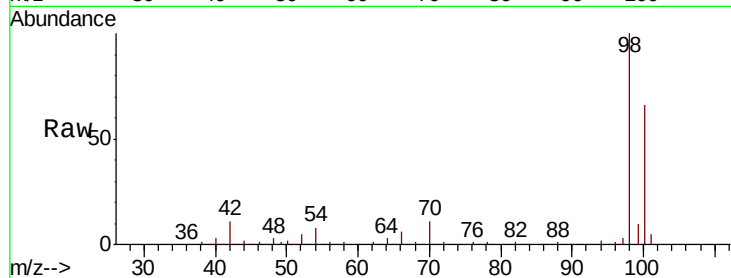
ClientSampled :

Tot Ion: 98 Resp: 133059

Ion Ratio Lower Upper

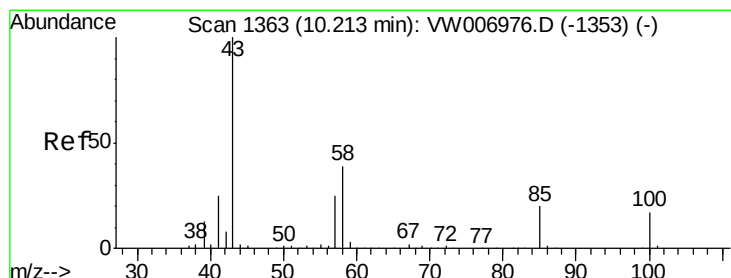
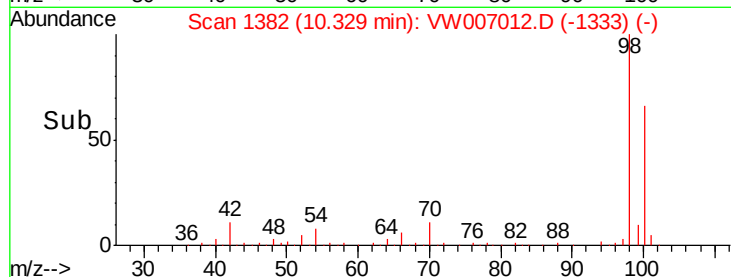
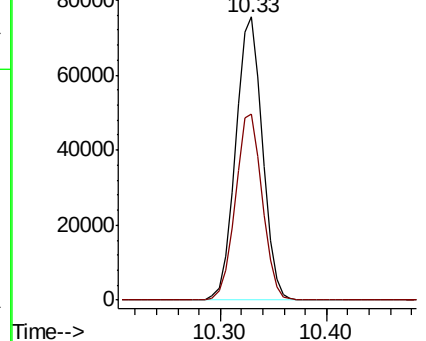
98 100

100 66.0 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: 1.392 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007012.D

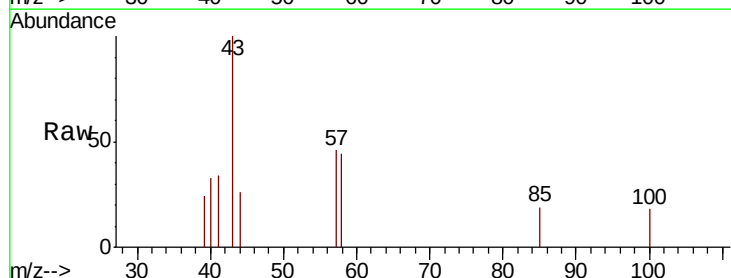
Acq: 21 Nov 2018 20:31

Tgt Ion: 43 Resp: 668

Ion Ratio Lower Upper

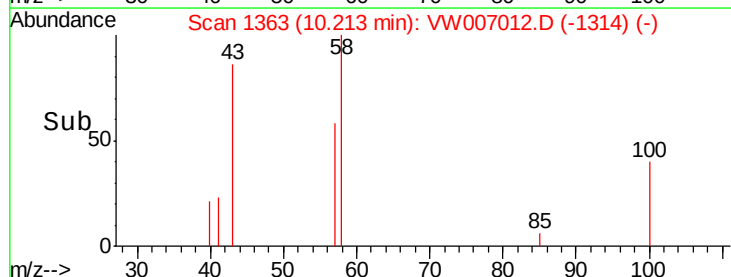
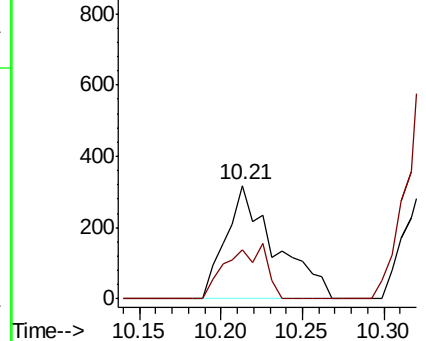
43 100

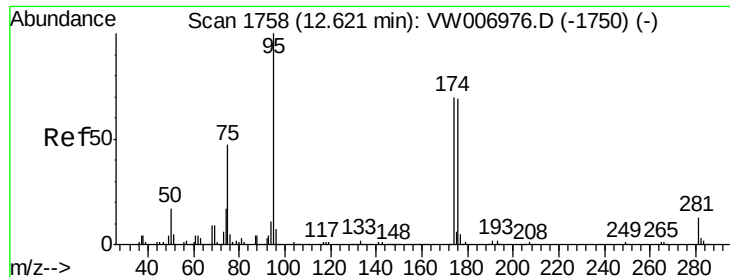
58 39.1 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#62

4-Bromofluorobenzene

Concen: 30.350 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007012.D

Acq: 21 Nov 2018 20:31

Instrument :

MSVOA_W

ClientSampleId :

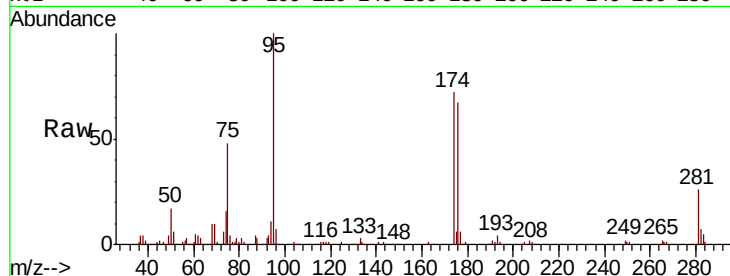
Tot Ion: 95 Resp: 41898

Ion Ratio Lower Upper

95 100

174 74.4 0.0 143.6

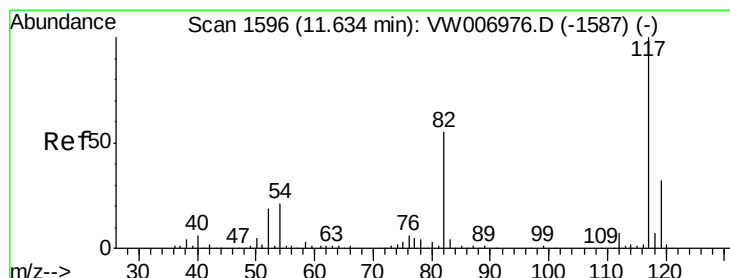
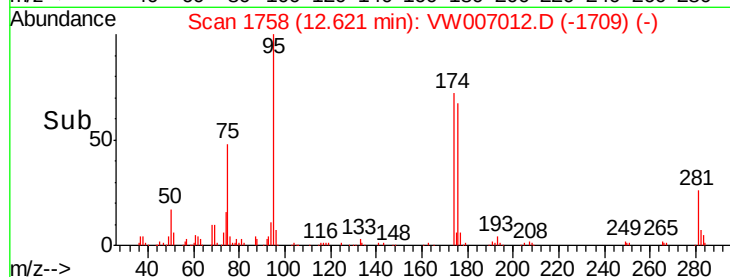
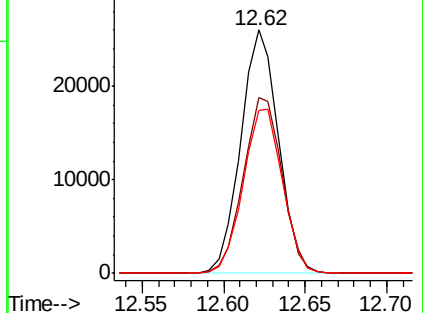
176 70.5 0.0 140.4



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: VW007012.D

Acq: 21 Nov 2018 20:31

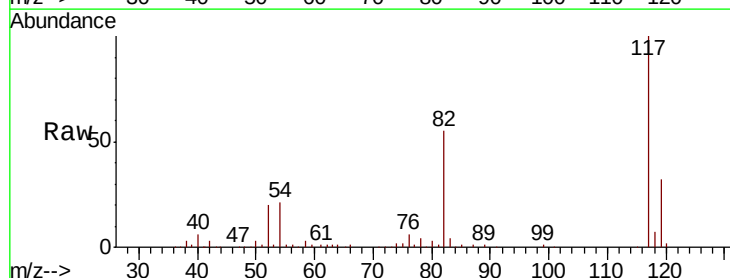
Tgt Ion: 117 Resp: 106709

Ion Ratio Lower Upper

117 100

82 55.3 44.2 66.2

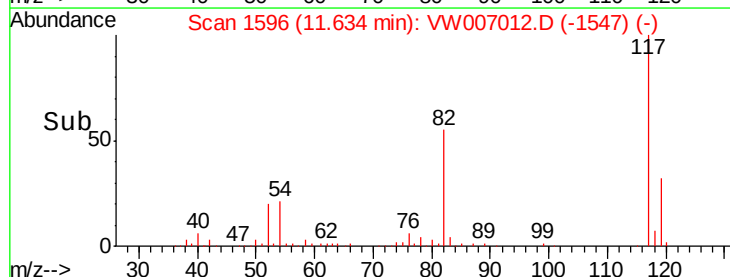
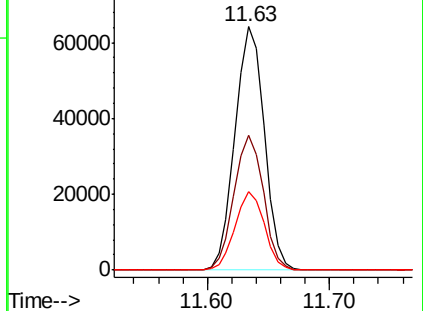
119 32.4 25.9 38.9

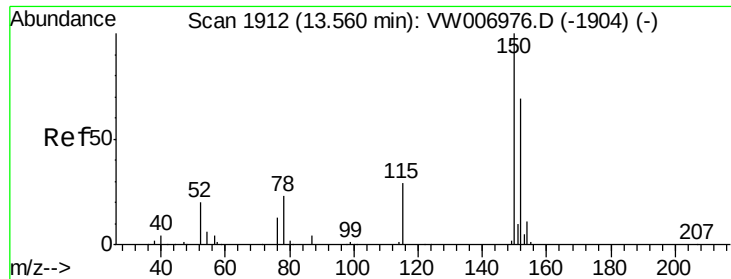


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



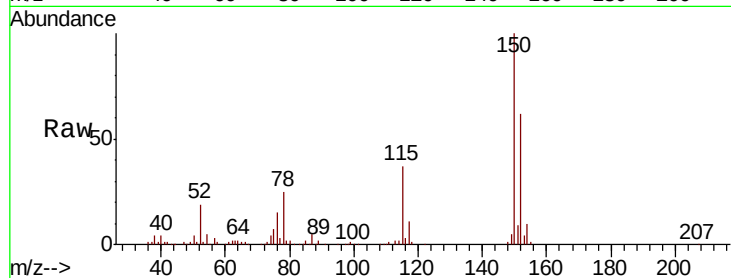


#72

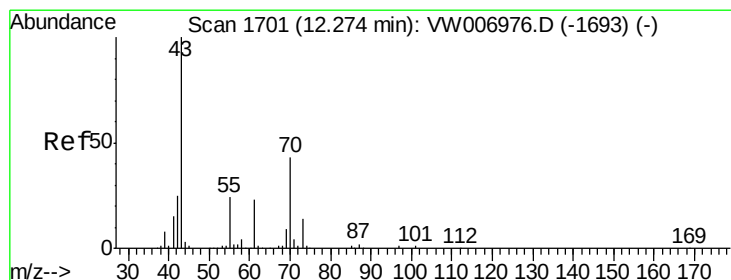
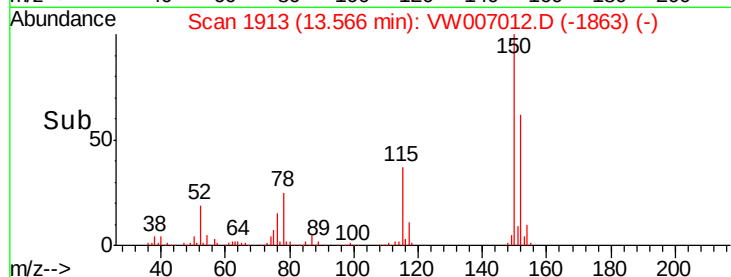
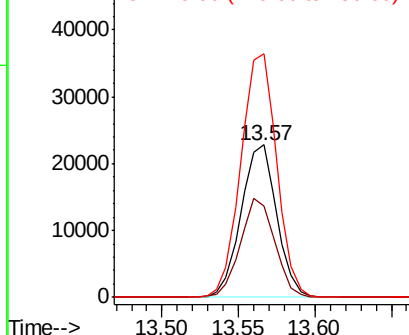
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007012.D
Acq: 21 Nov 2018 20:31

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:152 Resp: 36895
Ion Ratio Lower Upper
152 100
115 62.5 31.4 94.2
150 160.6 0.0 353.4



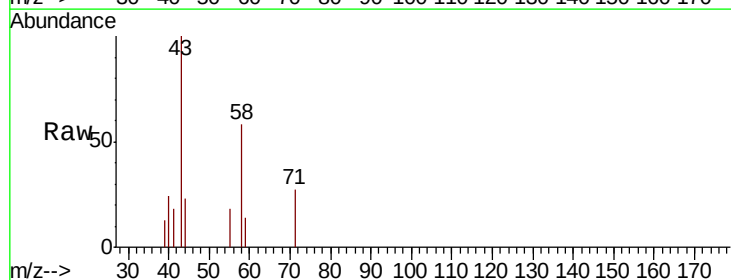
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



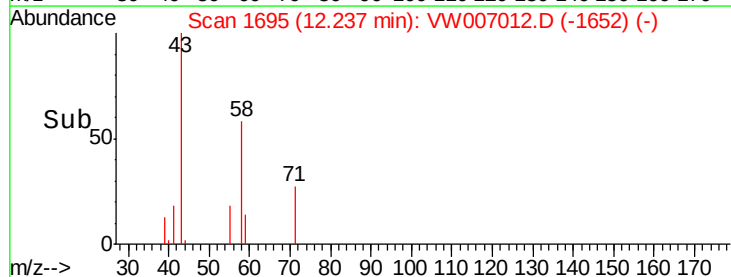
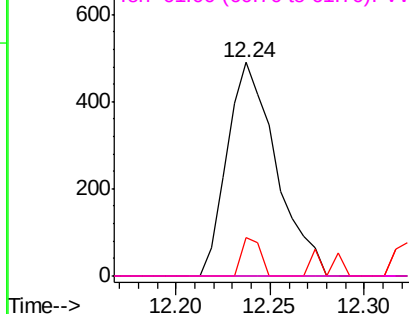
#74

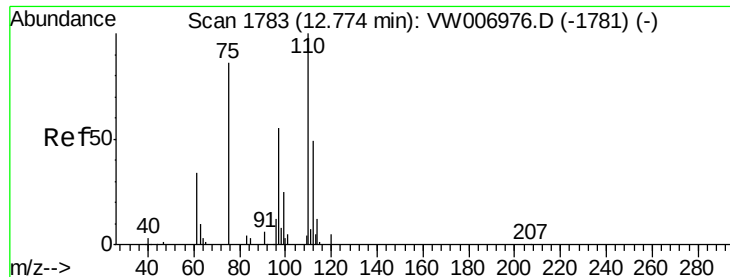
N-ethyl acetate
Concen: 1.842 ug/l
RT: 12.24 min Scan# 1695
Delta R.T. -0.04 min
Lab File: VW007012.D
Acq: 21 Nov 2018 20:31

Tgt Ion: 43 Resp: 885
Ion Ratio Lower Upper
43 100
70 0.0 34.0 51.0#
55 6.8 19.4 29.0#
61 0.0 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 70.00 (69.70 to 70.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 61.00 (60.70 to 61.70): VW





#76

1,2,3-Trichloropropane

Concen: 71.289 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007012.D

Acq: 21 Nov 2018 20:31

Instrument :

MSVOA_W

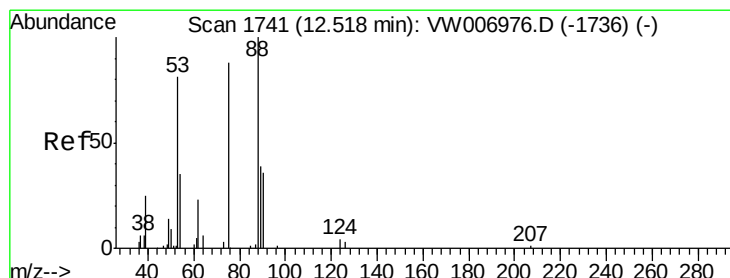
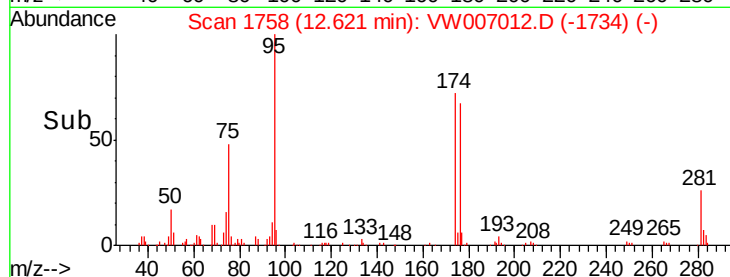
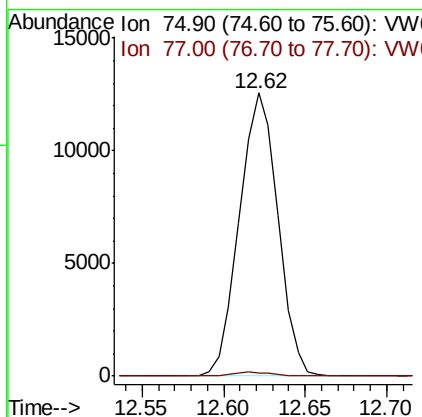
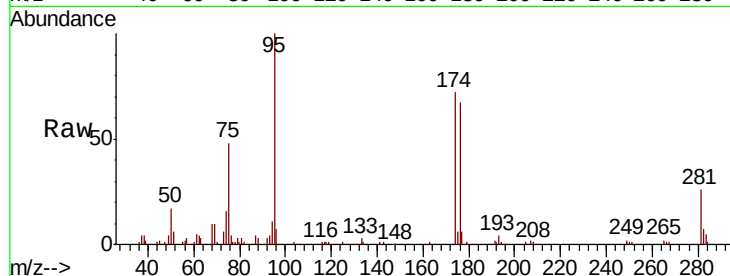
ClientSampleId :

Tot Ion: 75 Resp: 20668

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 178.978 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007012.D

Acq: 21 Nov 2018 20:31

Tgt Ion: 75 Resp: 20668

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.0 39.3 58.9#

