

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122118\
 Data File : VW007740.D
 Acq On : 20 Dec 2018 11:08
 Operator : SY/AP
 Sample : J6386-08RE
 Misc : 5.37G/5ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 20 11:40:09 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	44296	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	82273	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	75964	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	33692	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	27055	55.73	ug/l	0.00
Spiked Amount			Recovery	=	111.46%	
35) Dibromofluoromethane	7.88	113	23828	47.47	ug/l	0.00
Spiked Amount			Recovery	=	94.94%	
50) Toluene-d8	10.32	98	72882	38.52	ug/l	0.00
Spiked Amount			Recovery	=	77.04%	
62) 4-Bromofluorobenzene	12.62	95	27688	37.88	ug/l	0.00
Spiked Amount			Recovery	=	75.76%	

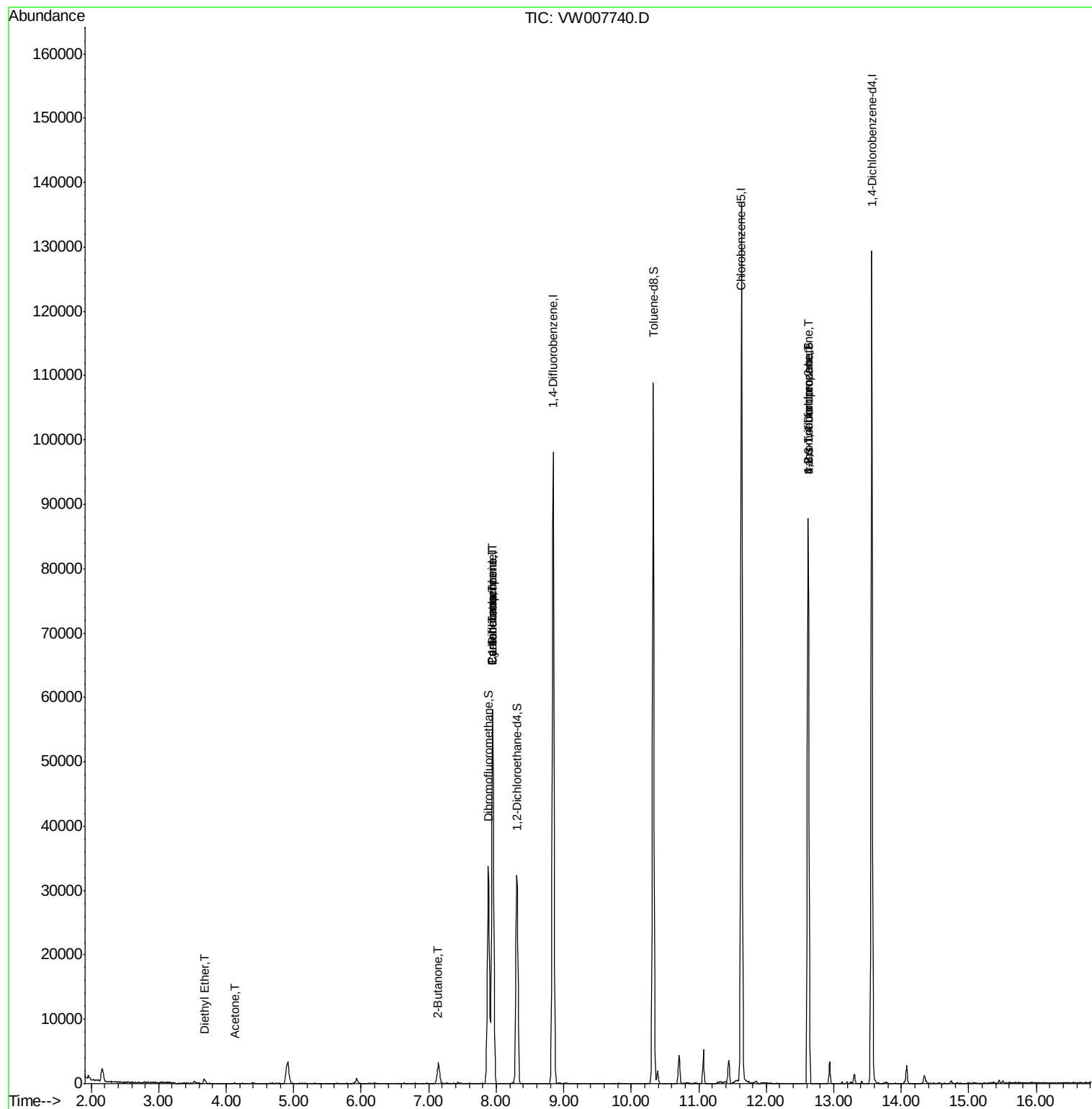
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.67	74	214	1.090	ug/l #	1
16) Acetone	4.12	43	194	2.134	ug/l #	48
25) 2-Butanone	7.14	43	159	1.493	ug/l #	44
31) Cyclohexane	7.95	56	945	1.308	ug/l #	34
36) 1,1-Dichloropropene	7.95	75	3499	4.406	ug/l #	48
38) Carbon Tetrachloride	7.95	117	4585	4.903	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	14570	55.951	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	14570	117.445	ug/l #	9

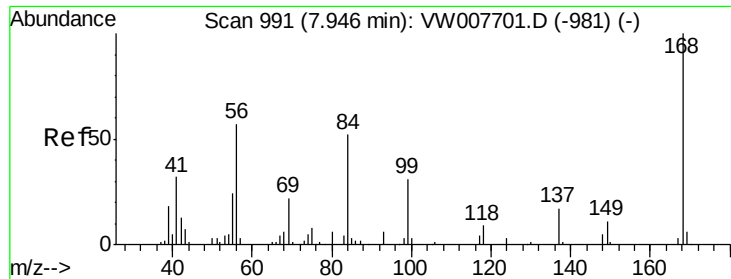
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
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: VW007740.D

Acq: 20 Dec 2018 11:08

Instrument :

MSVOA_W

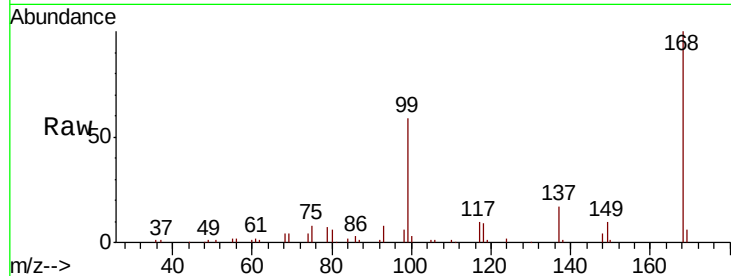
ClientSampleId :

Tot Ion:168 Resp: 44296

Ion Ratio Lower Upper

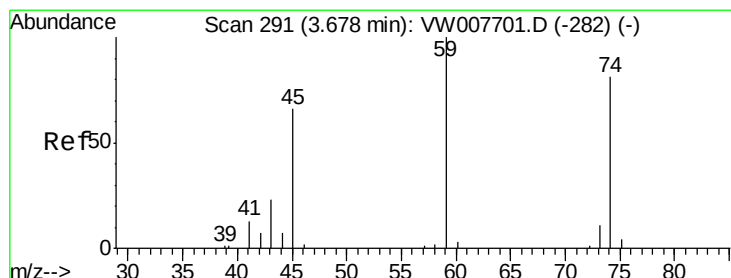
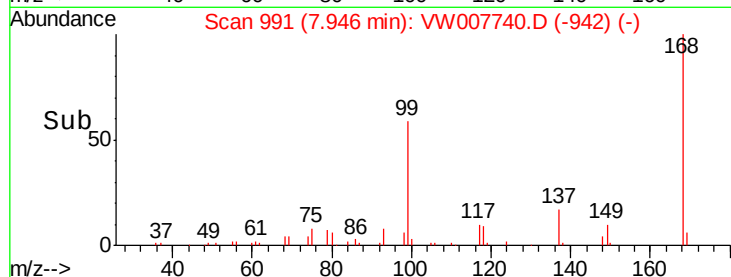
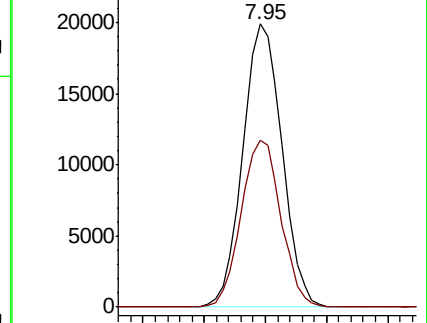
168 100

99 58.8 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.090 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW007740.D

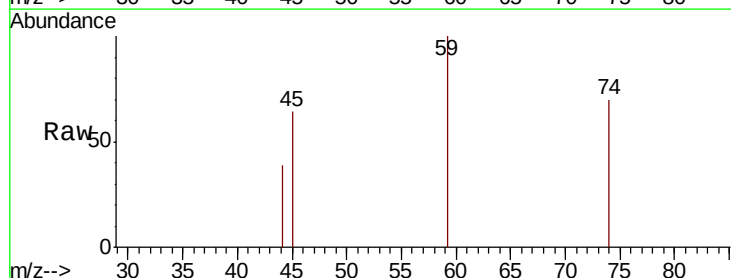
Acq: 20 Dec 2018 11:08

Tgt Ion: 74 Resp: 214

Ion Ratio Lower Upper

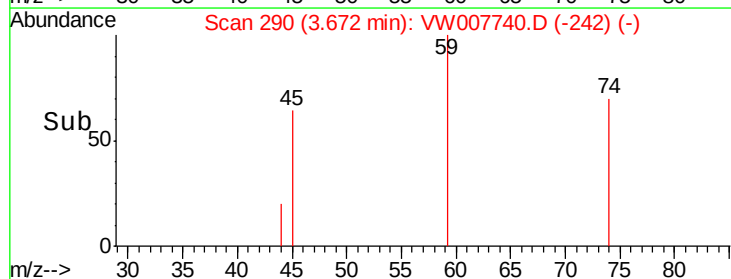
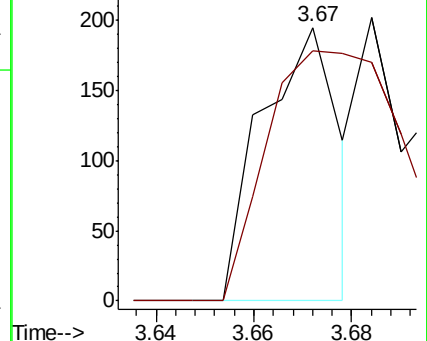
74 100

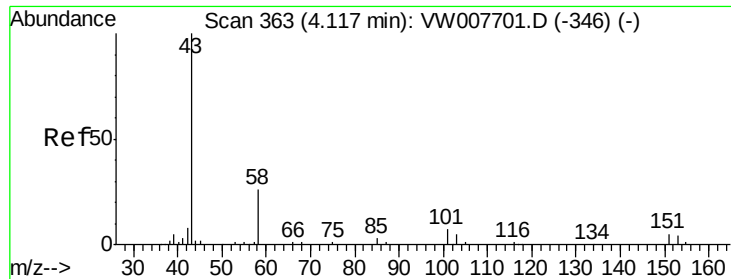
45 173.4 39.4 118.1#



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

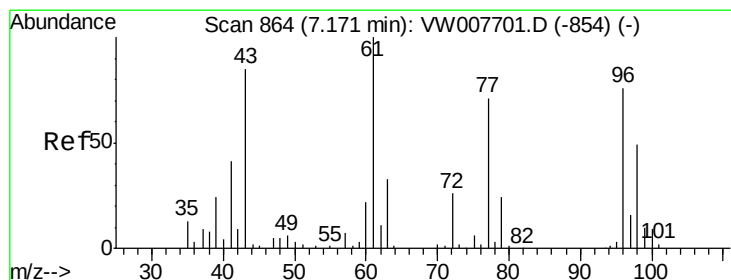
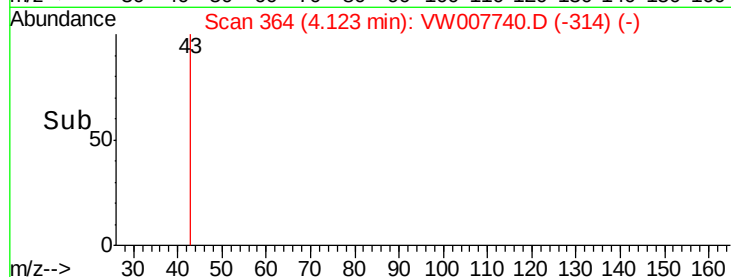
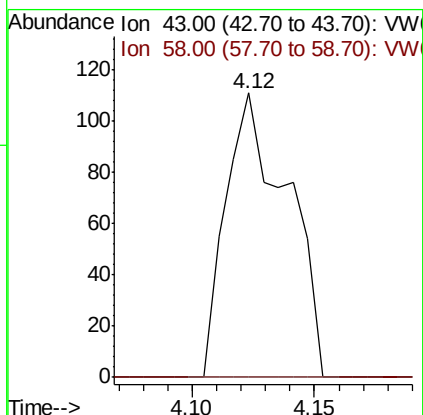
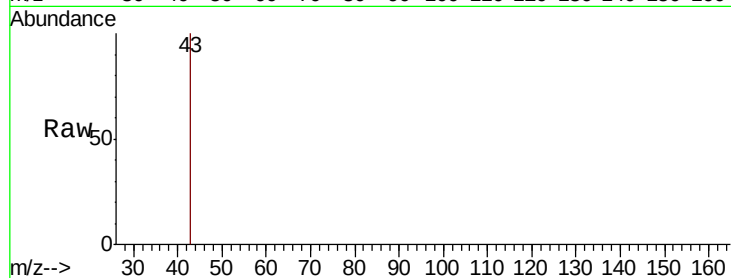




#16
Acetone
Concen: 2.134 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW007740.D
Acq: 20 Dec 2018 11:08

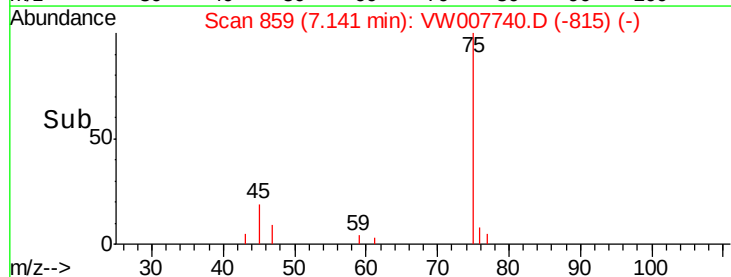
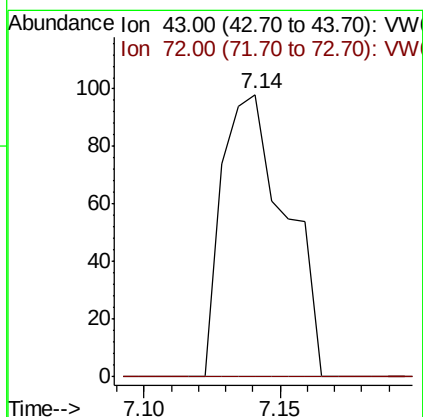
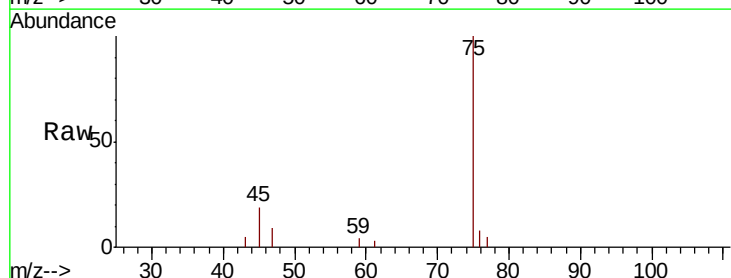
Instrument :
MSVOA_W
ClientSampled :

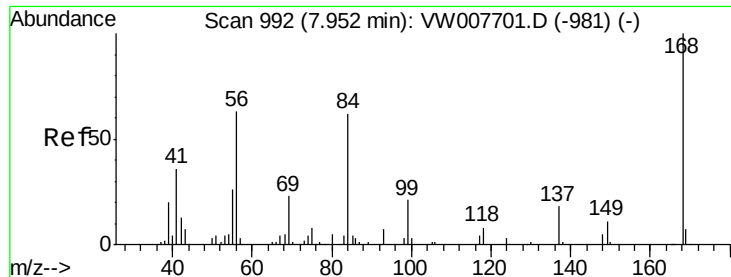
Tot Ion: 43 Resp: 194
Ion Ratio Lower Upper
43 100
58 0.0 21.2 31.8#



#25
2-Butanone
Concen: 1.493 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.03 min
Lab File: VW007740.D
Acq: 20 Dec 2018 11:08

Tgt Ion: 43 Resp: 159
Ion Ratio Lower Upper
43 100
72 0.0 24.5 36.7#

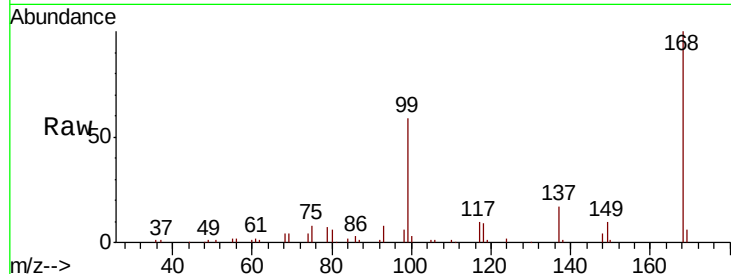




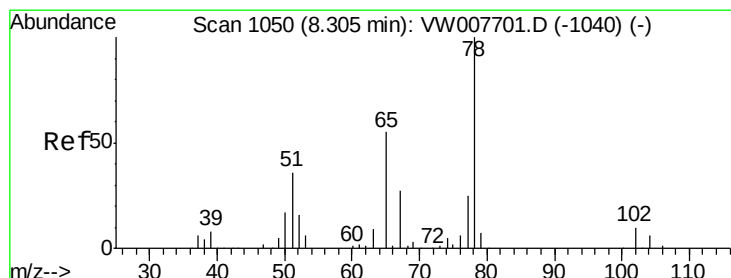
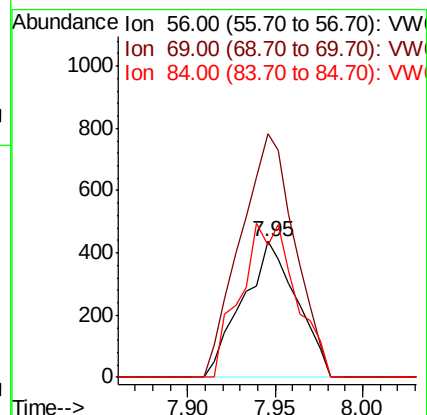
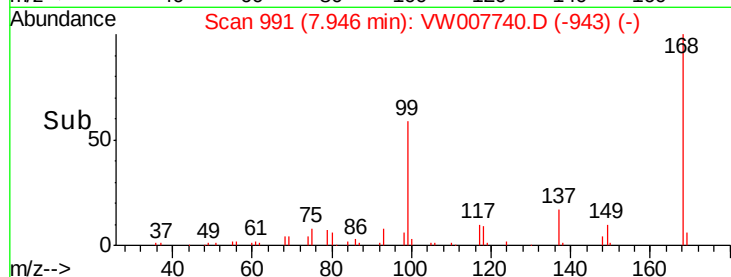
#31
Cyclohexane
Concen: 1.308 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007740.D
Acq: 20 Dec 2018 11:08

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 945
Ion Ratio Lower Upper
56 100
69 179.4 29.7 44.5#
84 97.9 78.9 118.3

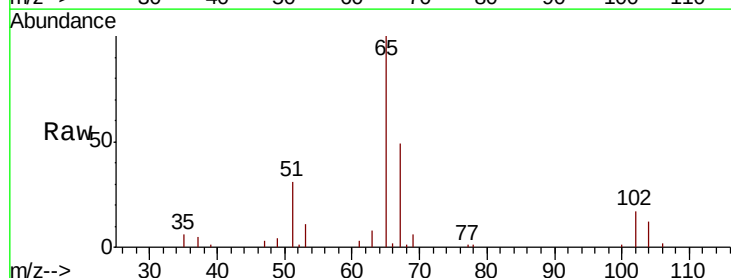


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

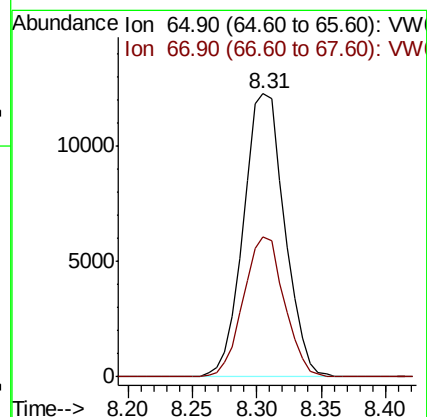
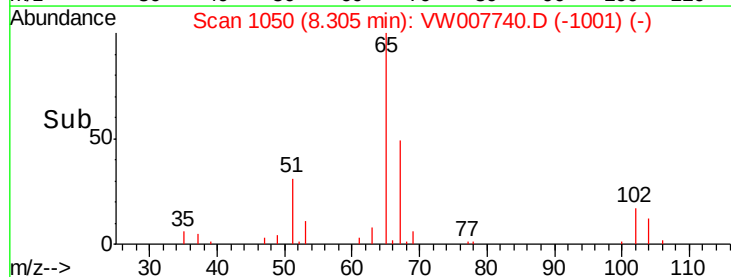


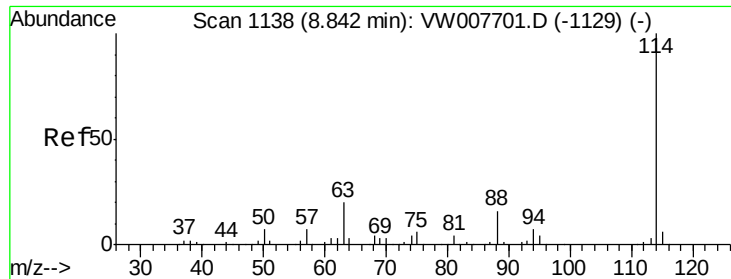
#33
1,2-Dichloroethane-d4
Concen: 55.726 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007740.D
Acq: 20 Dec 2018 11:08

Tgt Ion: 65 Resp: 27055
Ion Ratio Lower Upper
65 100
67 49.1 0.0 100.6



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

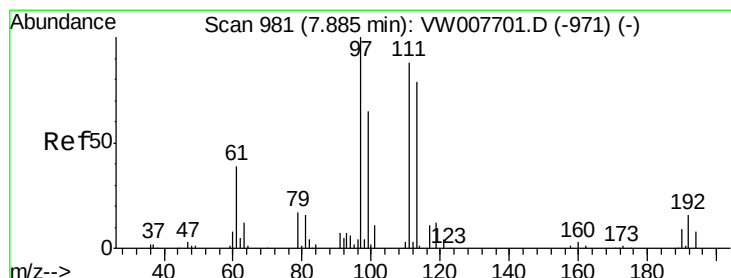
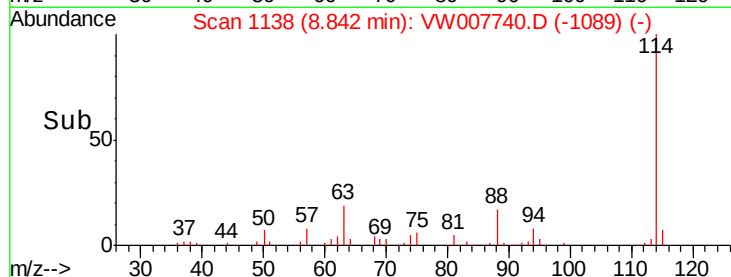
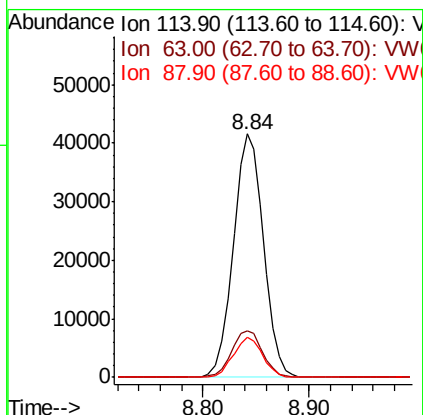
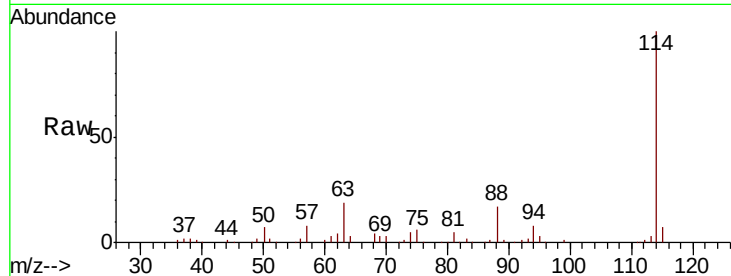




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007740.D
 Acq: 20 Dec 2018 11:08

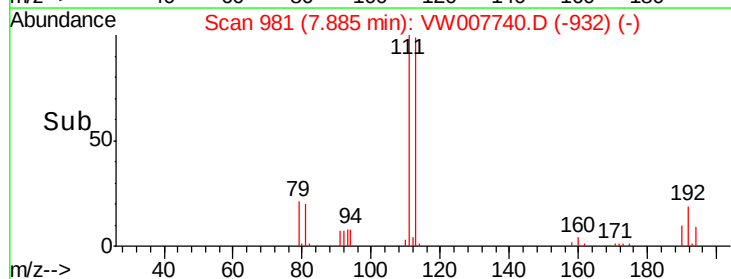
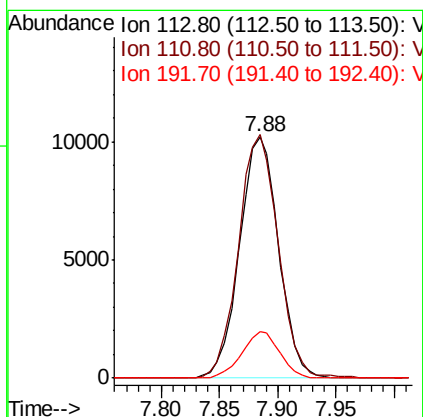
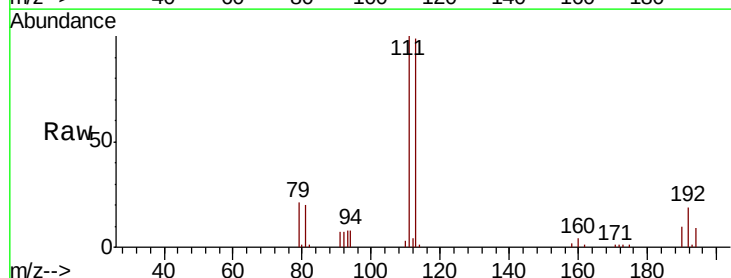
Instrument :
 MSVOA_W
 ClientSampled :

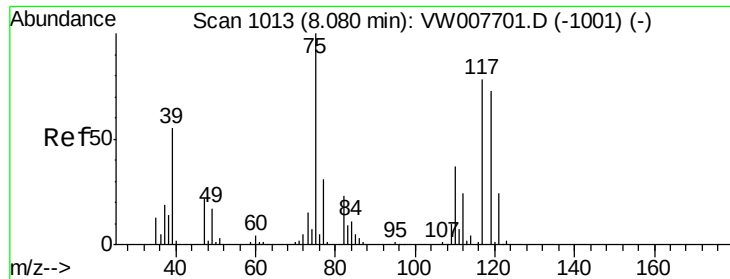
Tot Ion:114 Resp: 82273
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 40.0
 88 16.7 0.0 32.6



#35
 Dibromofluoromethane
 Concen: 47.475 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007740.D
 Acq: 20 Dec 2018 11:08

Tgt Ion:113 Resp: 23828
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.6 124.0
 192 18.5 15.5 23.3





#36

1,1-Dichloropropene

Concen: 4.406 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW007740.D

Acq: 20 Dec 2018 11:08

Instrument :

MSVOA_W

ClientSampleId :

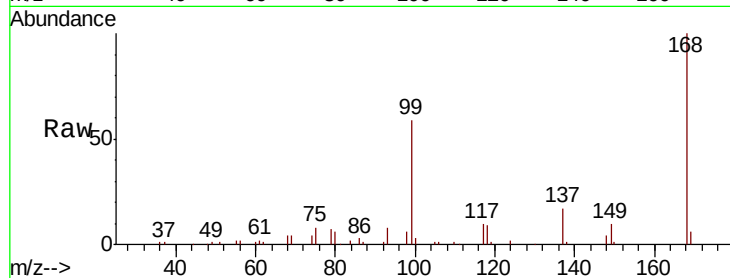
Tot Ion: 75 Resp: 3499

Ion Ratio Lower Upper

75 100

110 8.8 18.6 55.8#

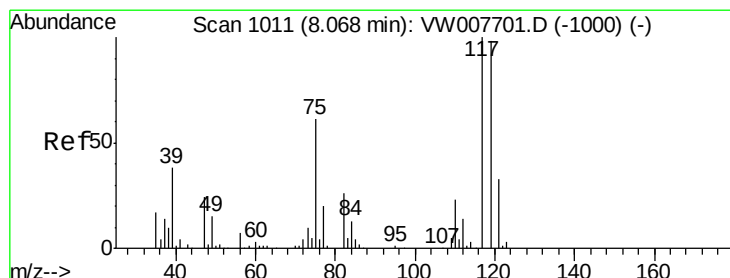
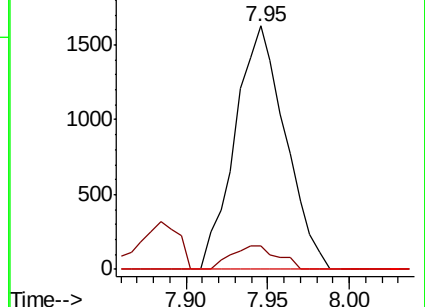
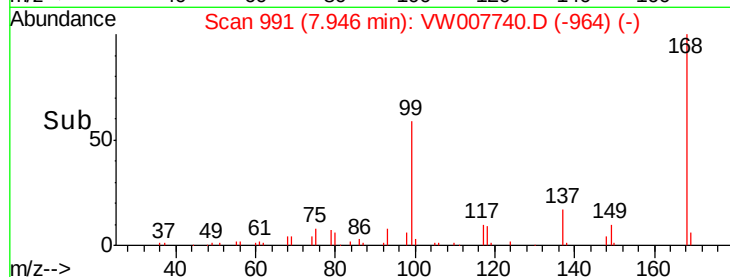
77 0.0 25.0 37.4#



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: 4.903 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW007740.D

Acq: 20 Dec 2018 11:08

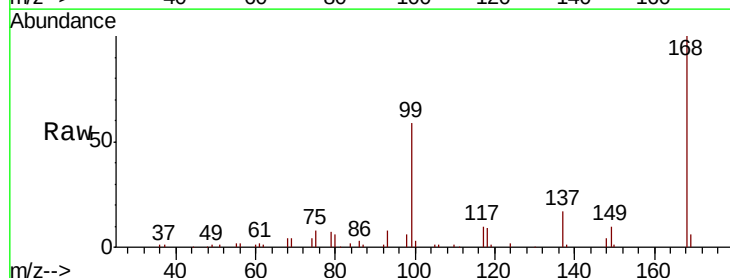
Tgt Ion: 117 Resp: 4585

Ion Ratio Lower Upper

117 100

119 5.9 78.2 117.2#

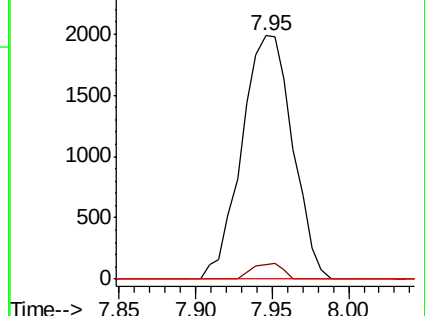
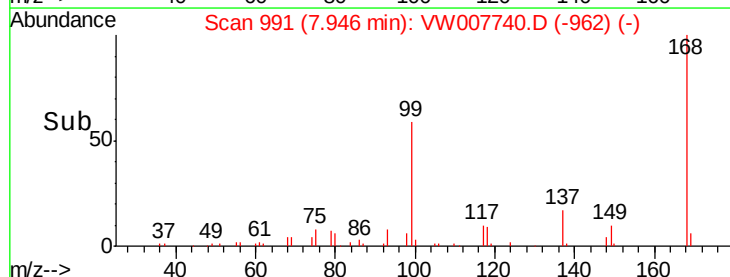
121 0.0 26.1 39.1#

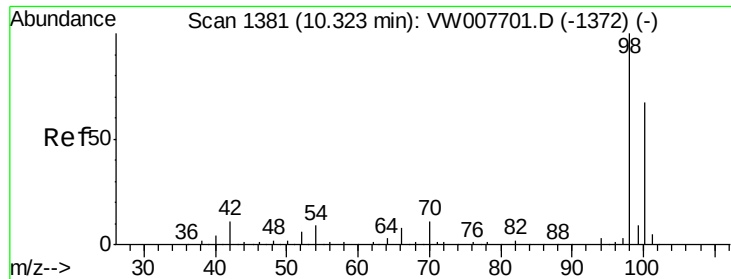


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 38.519 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007740.D

Acq: 20 Dec 2018 11:08

Instrument :

MSVOA_W

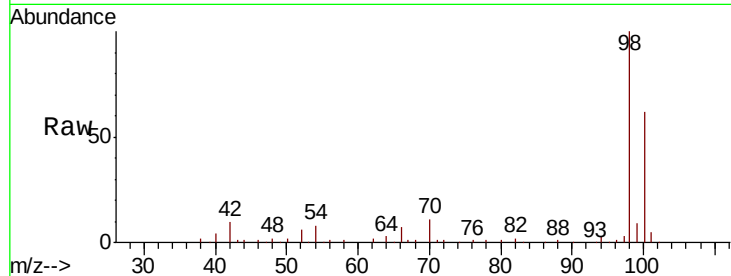
ClientSampleId :

Tot Ion: 98 Resp: 72882

Ion Ratio Lower Upper

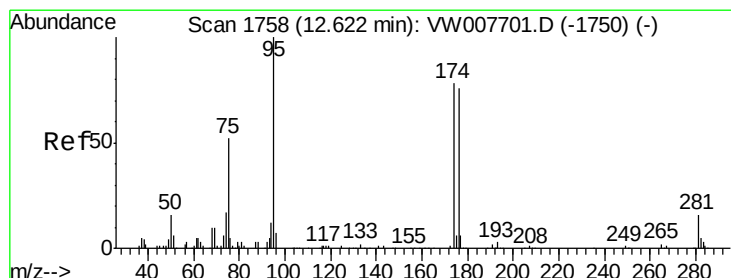
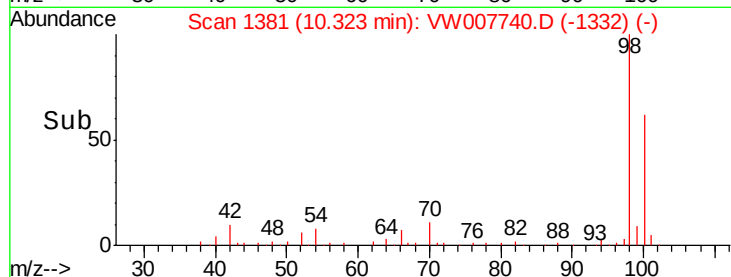
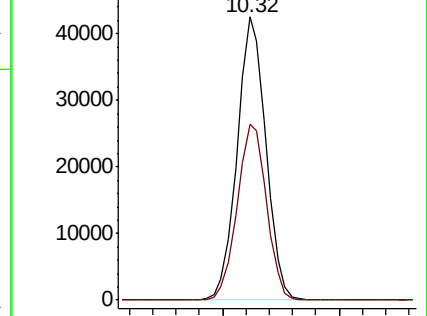
98 100

100 63.6 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: 37.879 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007740.D

Acq: 20 Dec 2018 11:08

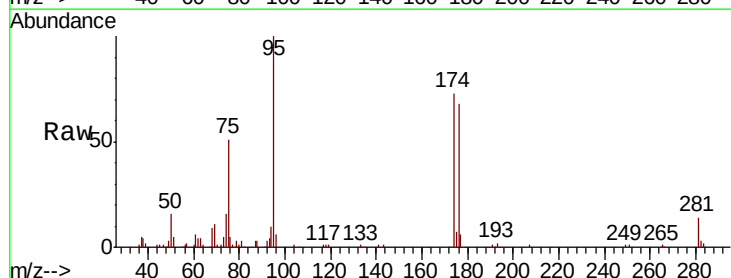
Tgt Ion: 95 Resp: 27688

Ion Ratio Lower Upper

95 100

174 76.4 0.0 152.2

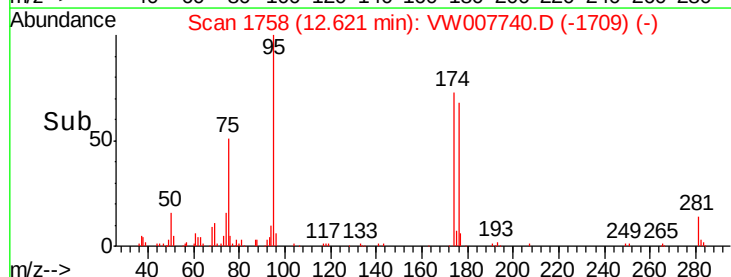
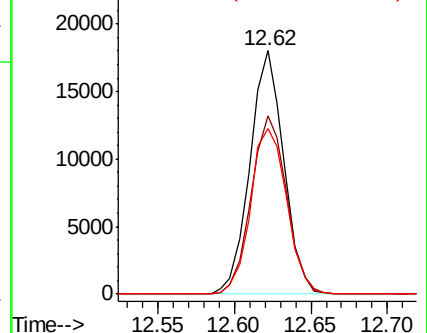
176 72.7 0.0 146.8

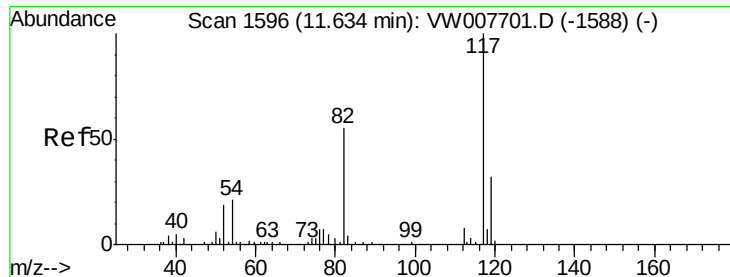


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

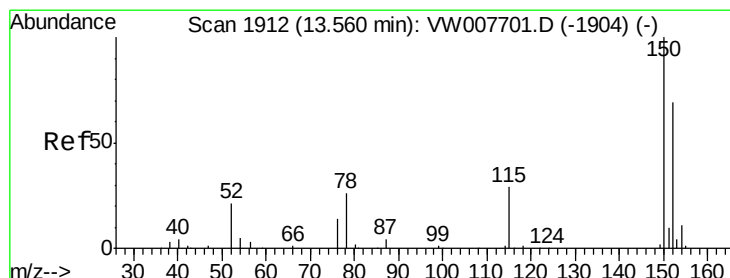
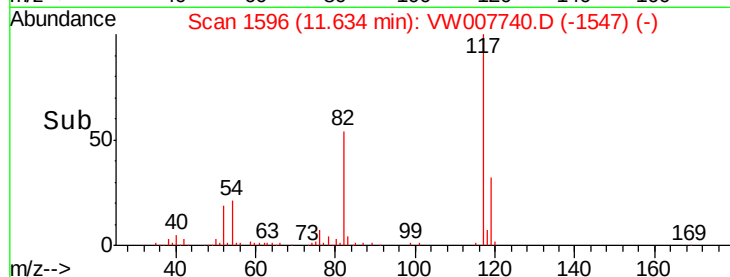
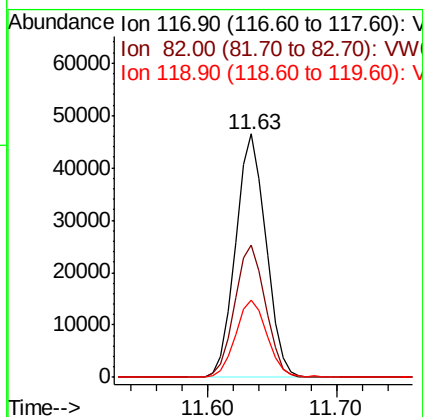
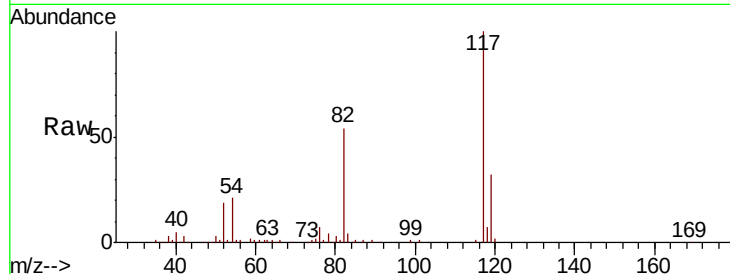




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007740.D
Acq: 20 Dec 2018 11:08

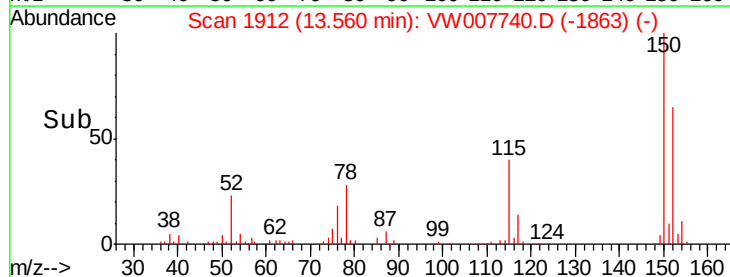
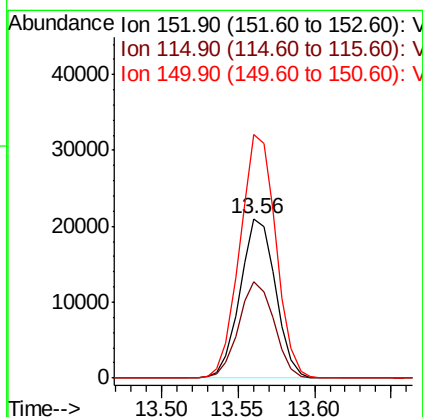
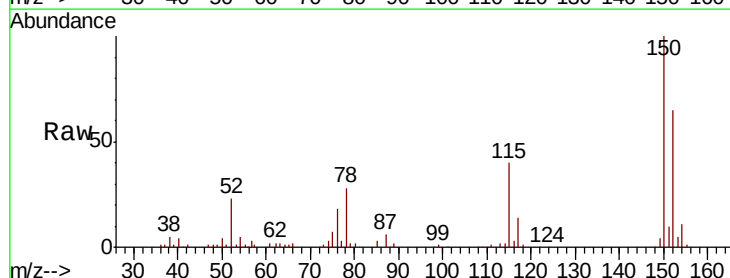
Instrument :
MSVOA_W
ClientSampleId :

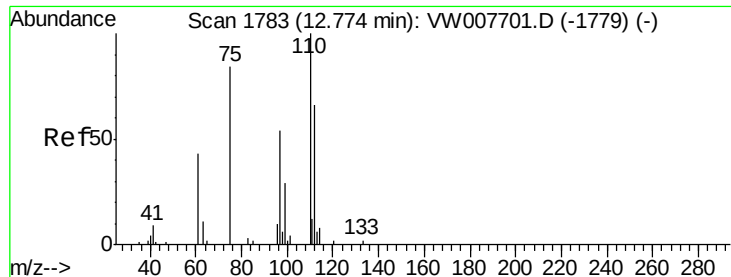
Tot Ion:117 Resp: 75964
Ion Ratio Lower Upper
117 100
82 54.1 44.3 66.5
119 31.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007740.D
Acq: 20 Dec 2018 11:08

Tgt Ion:152 Resp: 33692
Ion Ratio Lower Upper
152 100
115 60.8 31.8 95.4
150 155.5 0.0 350.8





#76

1,2,3-Trichloropropane

Concen: 55.951 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007740.D

Acq: 20 Dec 2018 11:08

Instrument :

MSVOA_W

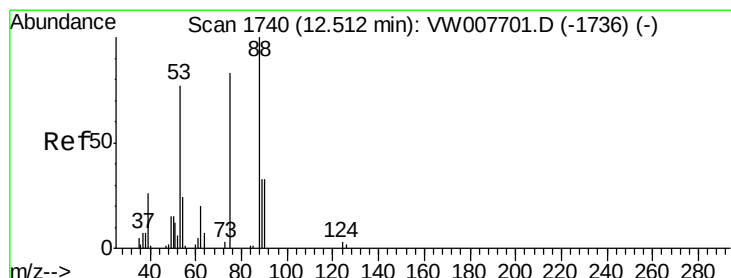
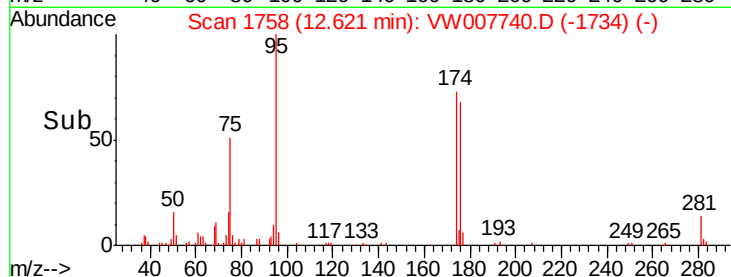
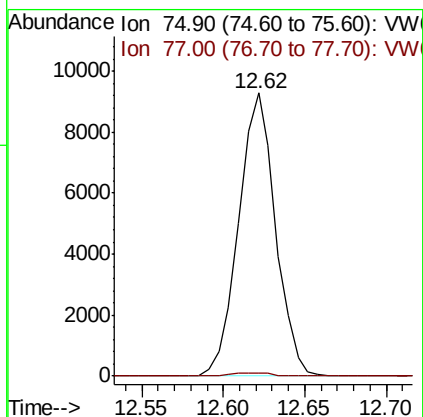
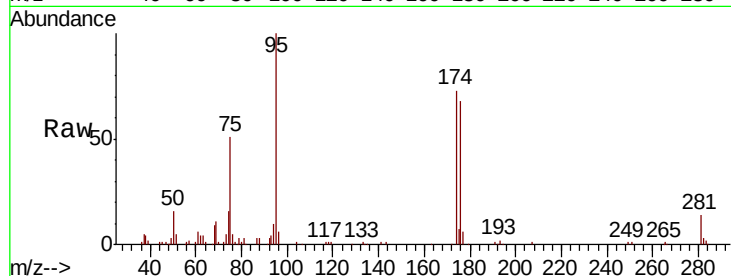
ClientSampled :

Tot Ion: 75 Resp: 14570

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 117.445 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW007740.D

Acq: 20 Dec 2018 11:08

Tgt Ion: 75 Resp: 14570

Ion Ratio Lower Upper

75 100

53 0.0 80.2 120.2#

89 0.0 39.2 58.8#

