

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121818\
 Data File : VW007616.D
 Acq On : 16 Dec 2018 07:42
 Operator : SY/AP
 Sample : J6378-22
 Misc : 4.97G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 17 00:18:29 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

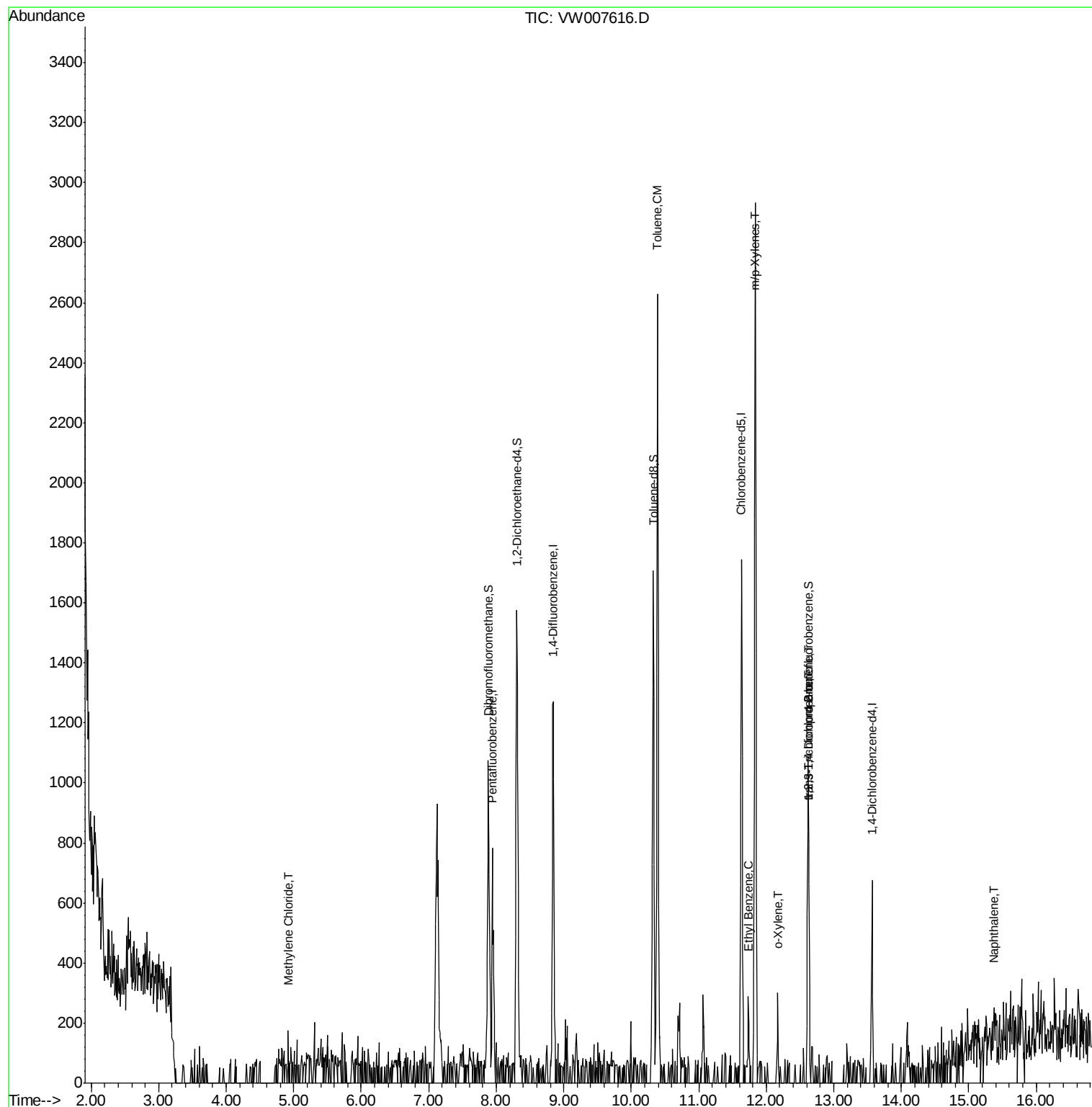
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	593	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1498	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1328	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	260	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	1383	210.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	420.44%	
35) Dibromofluoromethane	7.88	113	913	100.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.36%	
50) Toluene-d8	10.32	98	1466	43.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.24%	
62) 4-Bromofluorobenzene	12.62	95	407	32.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.12%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.92	84	48	4.037	ug/l #	10
52) Toluene	10.39	92	1185	48.284	ug/l	93
67) Ethyl Benzene	11.73	91	266	5.590	ug/l #	48
68) m/p-Xylenes	11.83	106	933	50.431	ug/l	88
69) o-Xylene	12.17	106	35	2.026	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	231	107.754	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	231	238.029	ug/l #	7
95) Naphthalene	15.36	128	91	8.765	ug/l #	70

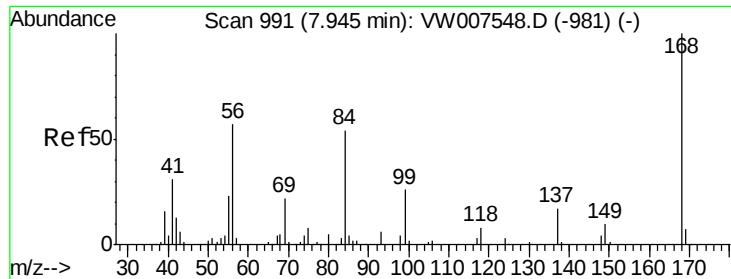
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 991

Delta R.T. -0.01 min

Lab File: VW007616.D

Acq: 16 Dec 2018 07:42

Instrument :

MSVOA_W

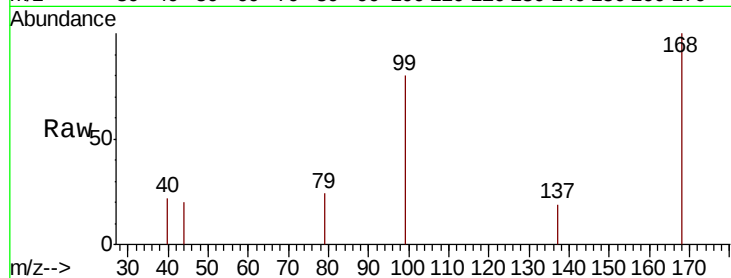
ClientSampleId :

Tot Ion:168 Resp: 593

Ion Ratio Lower Upper

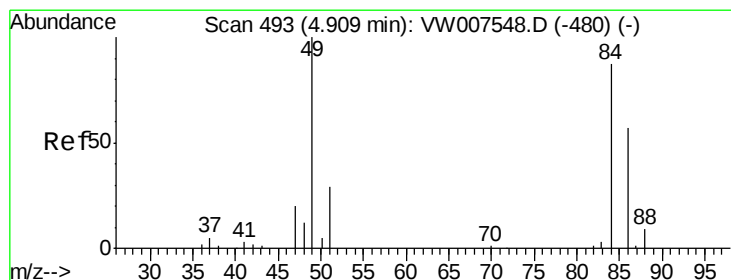
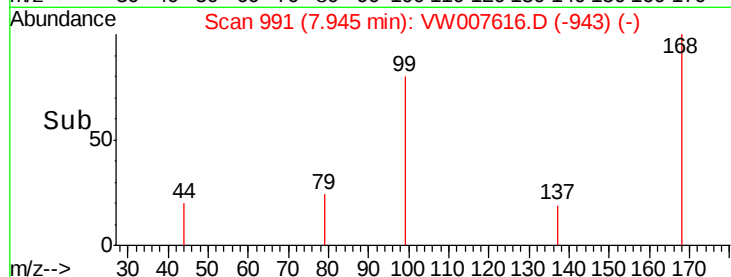
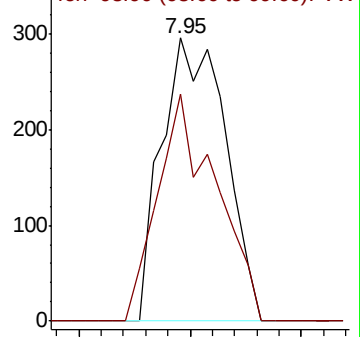
168 100

99 80.1 48.3 72.5#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 4.037 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW007616.D

Acq: 16 Dec 2018 07:42

Tgt Ion: 84 Resp: 48

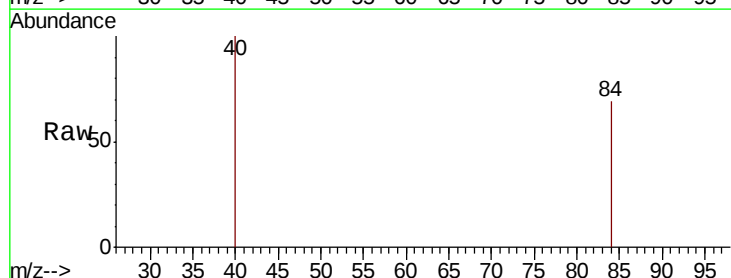
Ion Ratio Lower Upper

84 100

49 0.0 87.1 130.7#

51 0.0 28.2 42.2#

86 0.0 50.8 76.2#

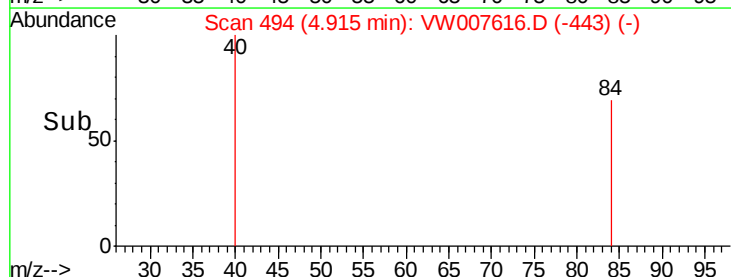
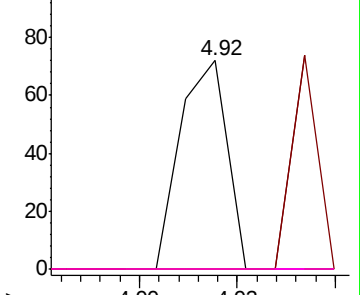


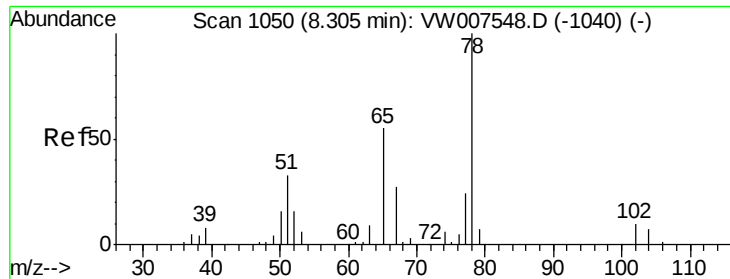
Abundance Ion 83.90 (83.60 to 84.60): VW

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

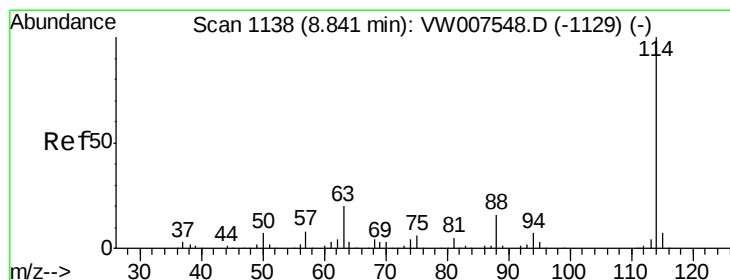
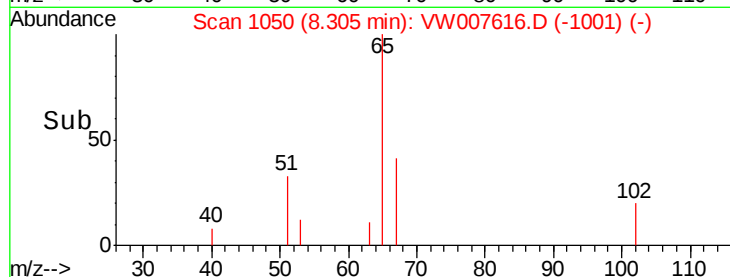
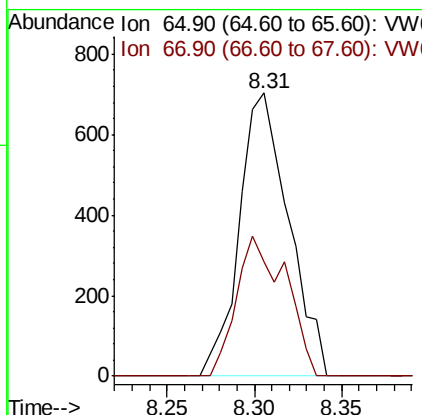
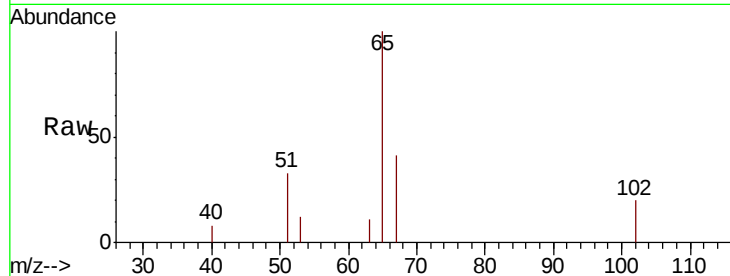




#33
 1,2-Dichloroethane-d4
 Concen: 210.219 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW007616.D
 Acq: 16 Dec 2018 07:42

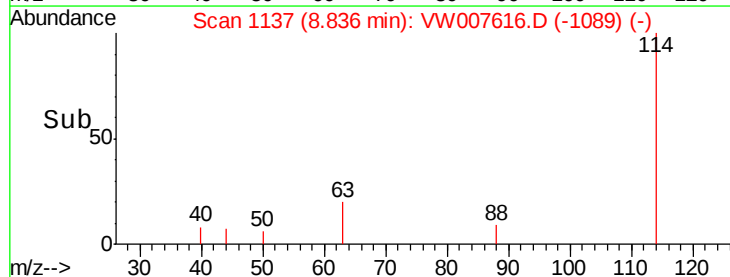
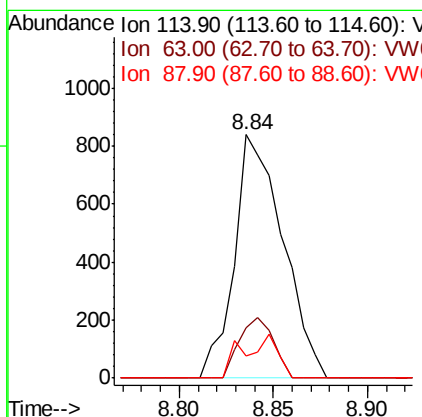
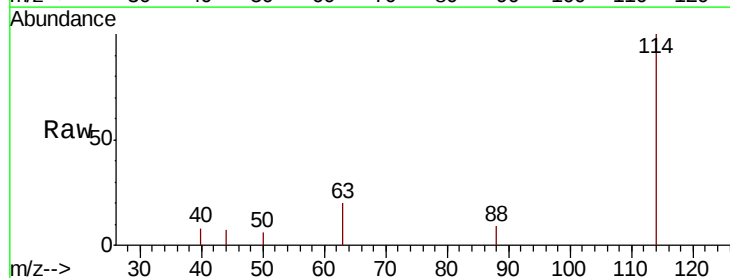
Instrument :
 MSVOA_W
 ClientSampleId :

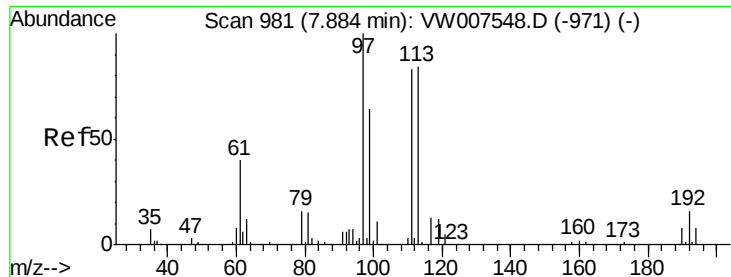
Tot Ion: 65 Resp: 1383
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW007616.D
 Acq: 16 Dec 2018 07:42

Tgt Ion: 114 Resp: 1498
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.6
 88 8.9 0.0 31.4

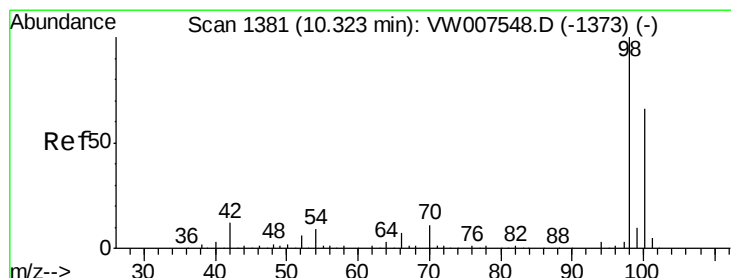
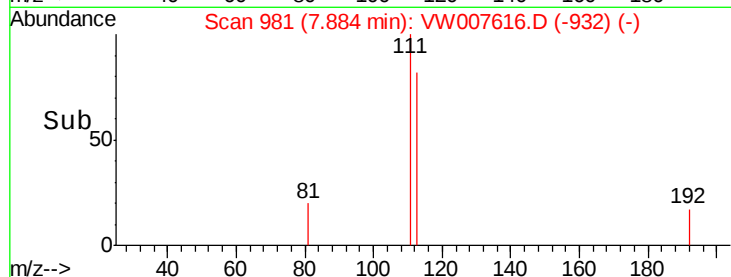
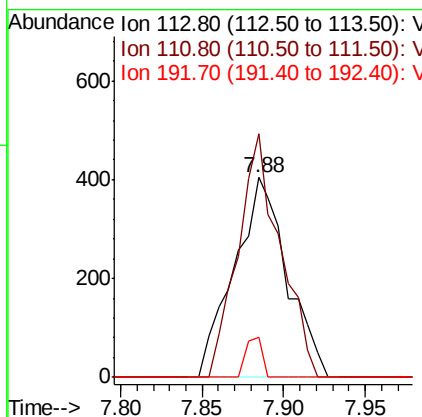
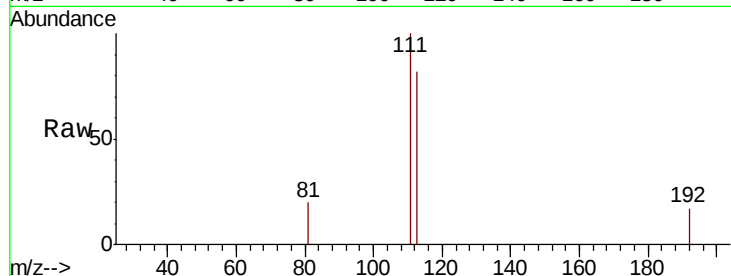




#35
 Dibromofluoromethane
 Concen: 100.684 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007616.D
 Acq: 16 Dec 2018 07:42

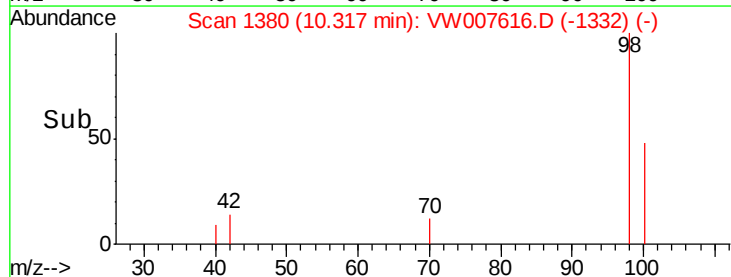
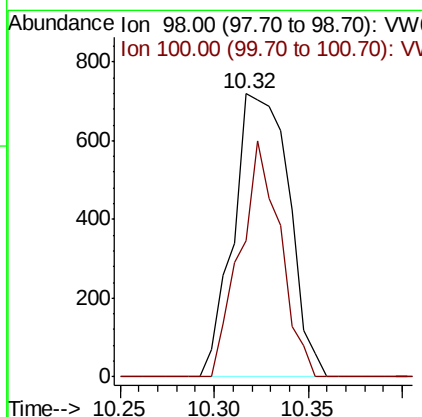
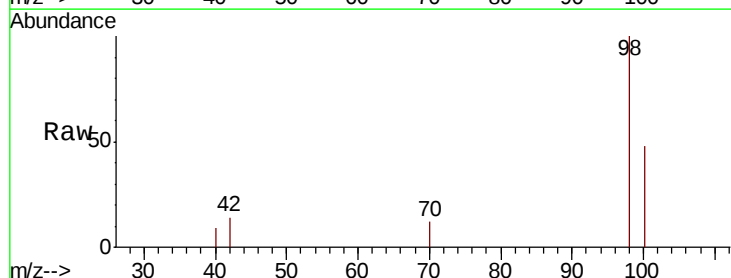
Instrument :
 MSVOA_W
 ClientSampleId :

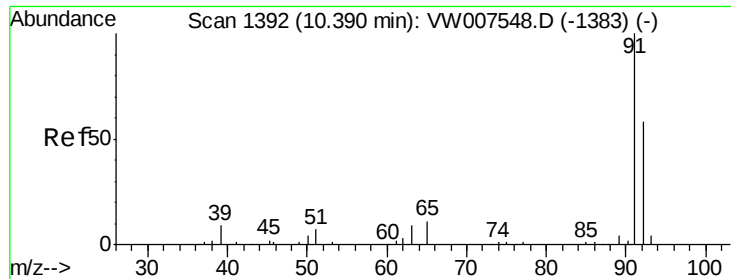
Tot Ion:113 Resp: 913
 Ion Ratio Lower Upper
 113 100
 111 97.5 81.1 121.7
 192 6.1 14.6 21.8#



#50
 Toluene-d8
 Concen: 43.118 ug/l
 RT: 10.32 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: VW007616.D
 Acq: 16 Dec 2018 07:42

Tgt Ion: 98 Resp: 1466
 Ion Ratio Lower Upper
 98 100
 100 60.2 51.8 77.8





#52

Toluene

Concen: 48.284 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007616.D

Acq: 16 Dec 2018 07:42

Instrument :

MSVOA_W

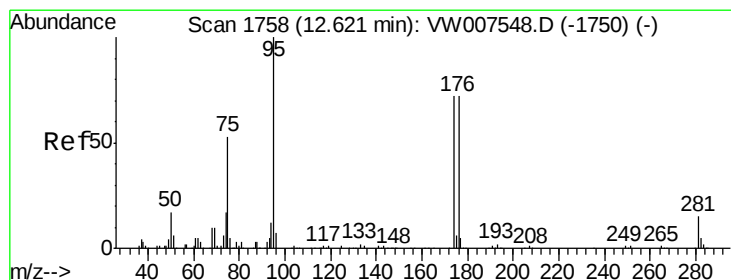
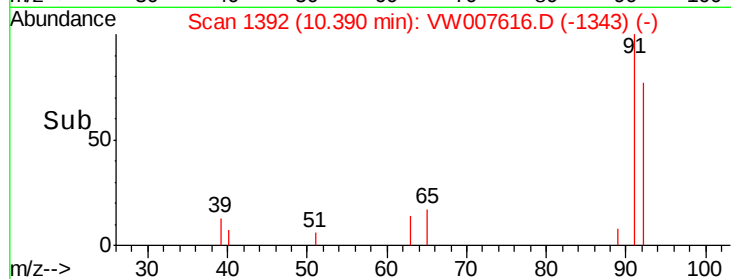
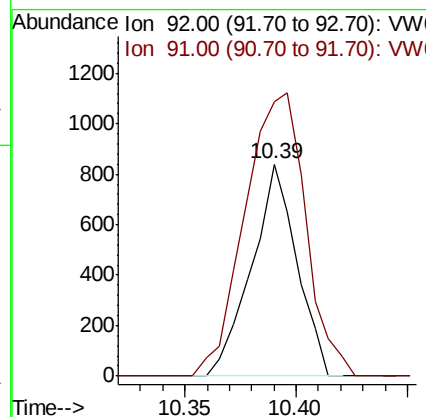
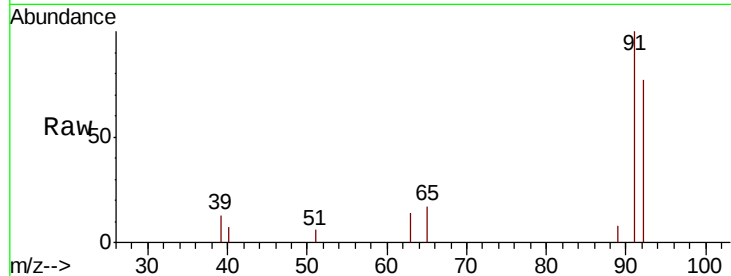
ClientSampled :

Tot Ion: 92 Resp: 1185

Ion Ratio Lower Upper

92 100

91 179.7 136.2 204.2



#62

4-Bromofluorobenzene

Concen: 32.558 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007616.D

Acq: 16 Dec 2018 07:42

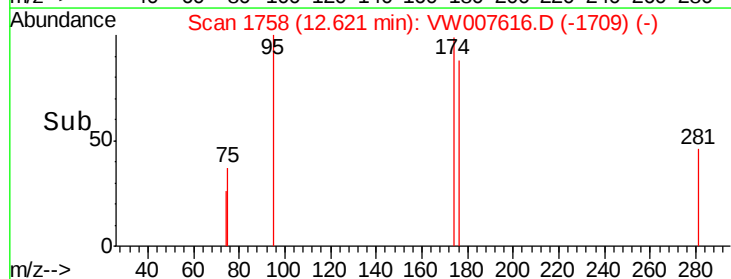
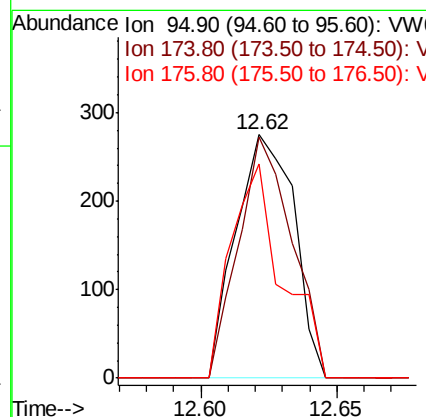
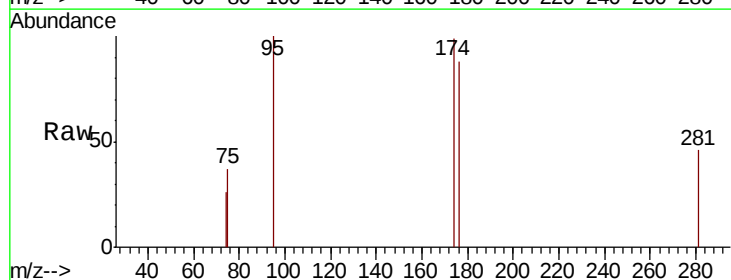
Tgt Ion: 95 Resp: 407

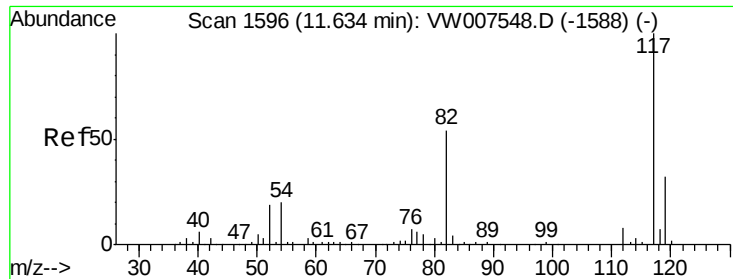
Ion Ratio Lower Upper

95 100

174 91.4 0.0 147.2

176 78.1 0.0 138.8

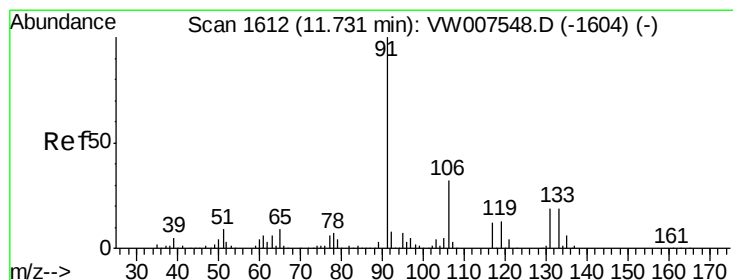
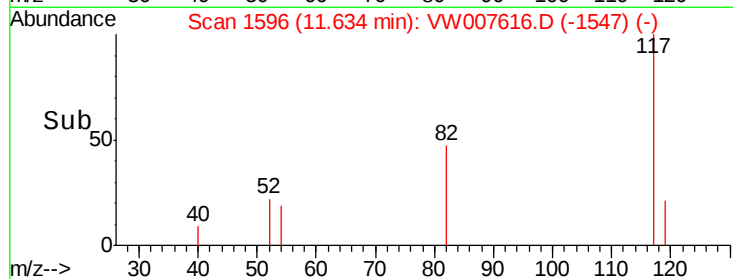
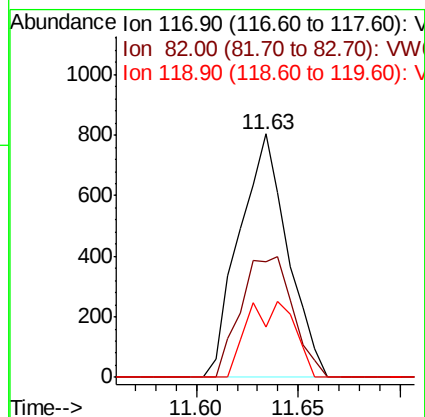
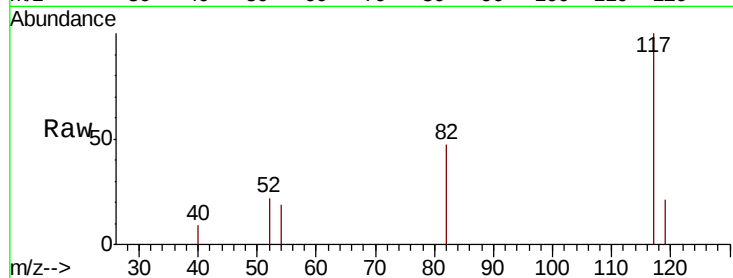




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007616.D
Acq: 16 Dec 2018 07:42

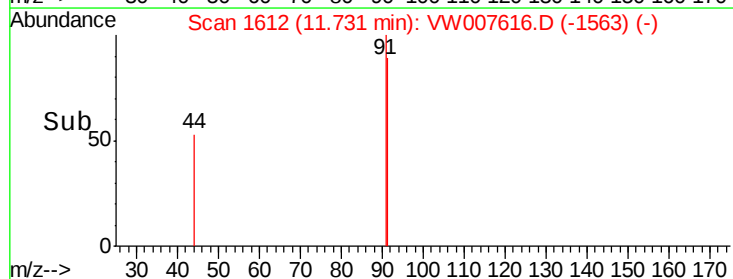
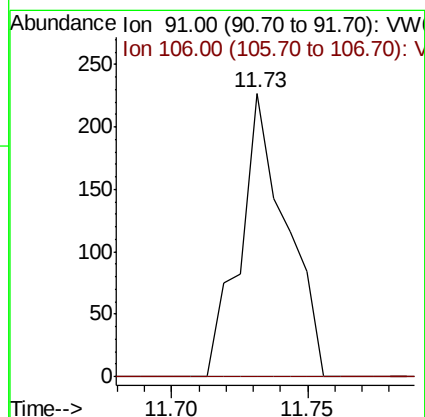
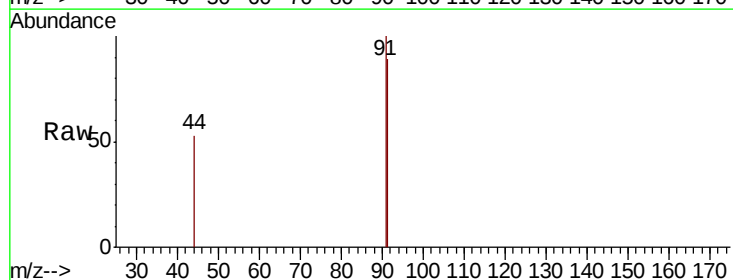
Instrument :
MSVOA_W
ClientSampleId :

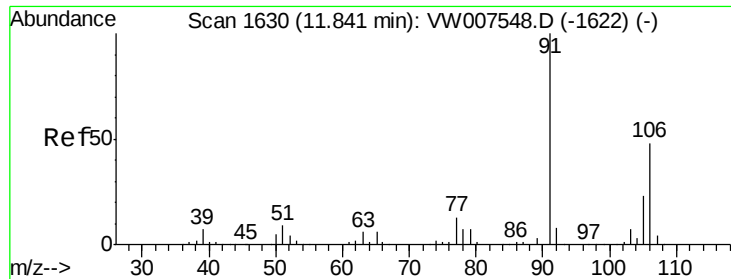
Tot Ion:117 Resp: 1328
Ion Ratio Lower Upper
117 100
82 47.3 42.3 63.5
119 20.8 23.0 34.6#



#67
Ethyl Benzene
Concen: 5.590 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007616.D
Acq: 16 Dec 2018 07:42

Tgt Ion: 91 Resp: 266
Ion Ratio Lower Upper
91 100
106 0.0 21.8 32.8#

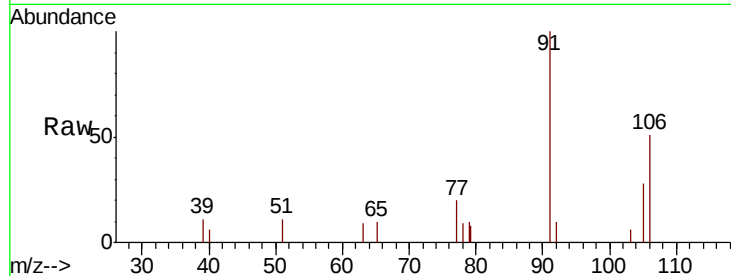




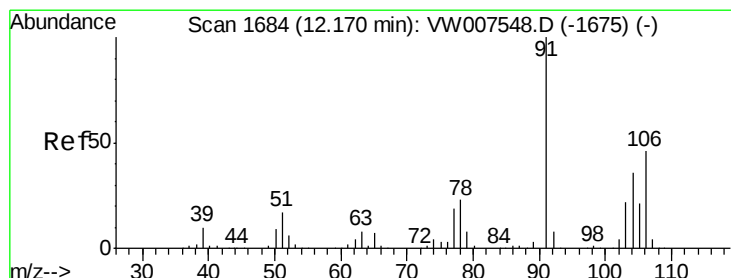
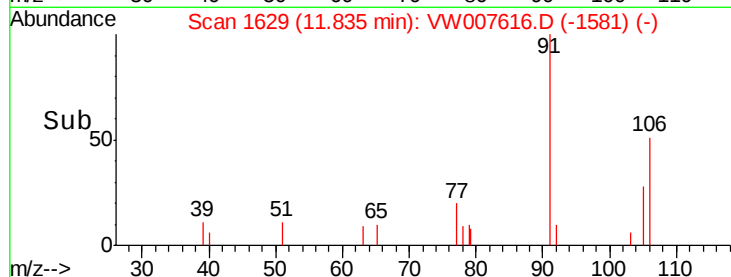
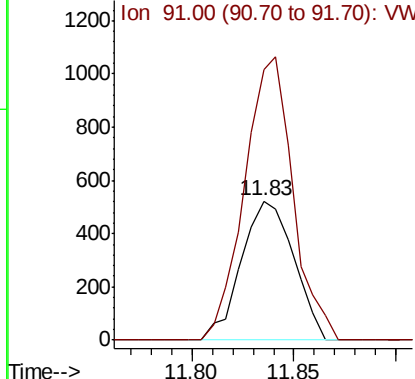
#68
m/p-Xylenes
Concen: 50.431 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007616.D
Acq: 16 Dec 2018 07:42

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:106 Resp: 933
Ion Ratio Lower Upper
106 100
91 188.0 165.3 247.9

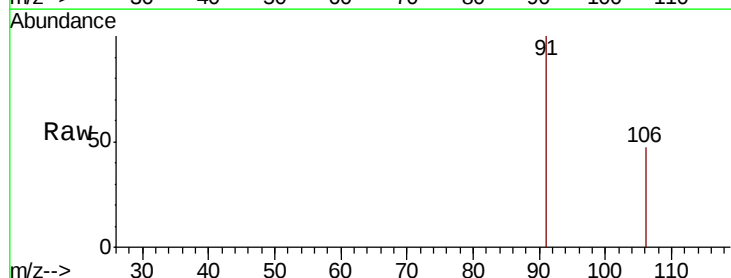


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

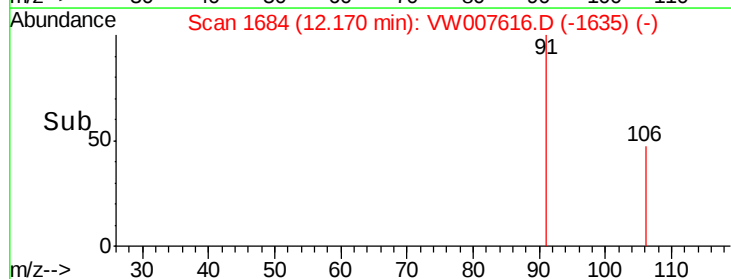
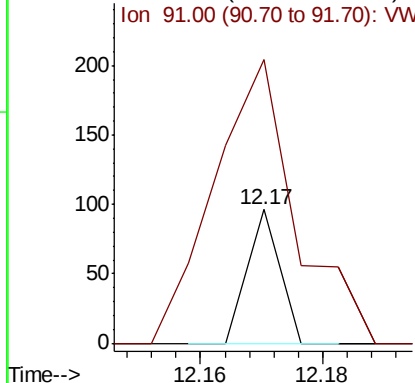


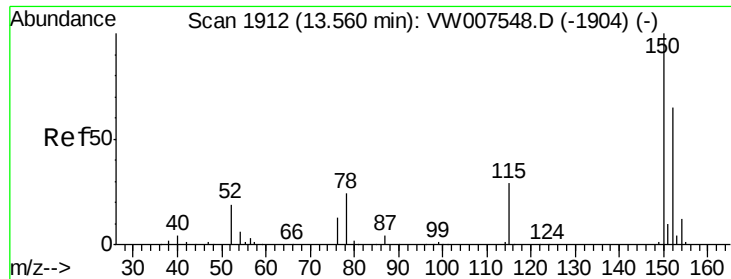
#69
o-Xylene
Concen: 2.026 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007616.D
Acq: 16 Dec 2018 07:42

Tgt Ion:106 Resp: 35
Ion Ratio Lower Upper
106 100
91 540.0 106.6 319.8#



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW007616.D

Acq: 16 Dec 2018 07:42

Instrument :

MSVOA_W

ClientSampleId :

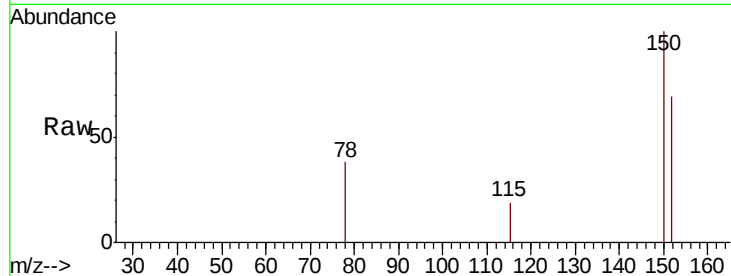
Tot Ion:152 Resp: 260

Ion Ratio Lower Upper

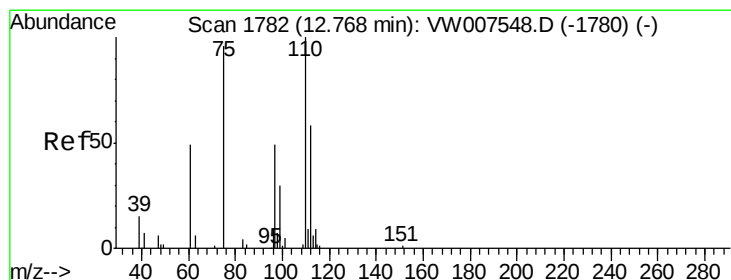
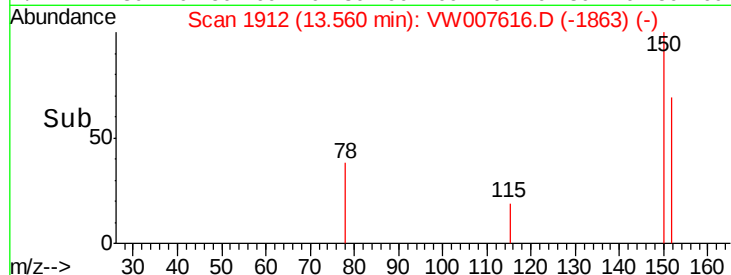
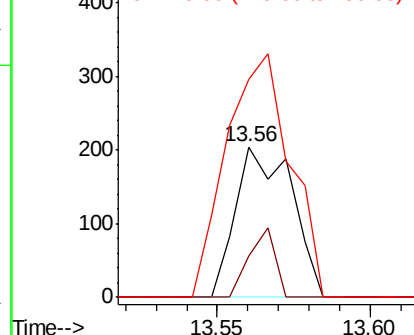
152 100

115 21.5 31.4 94.2#

150 183.8 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: 107.754 ug/l

RT: 12.63 min Scan# 1760

Delta R.T. -0.13 min

Lab File: VW007616.D

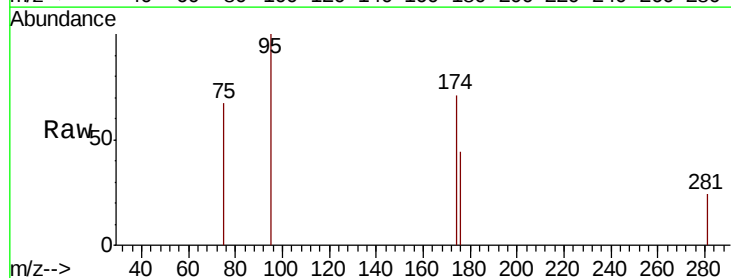
Acq: 16 Dec 2018 07:42

Tgt Ion: 75 Resp: 231

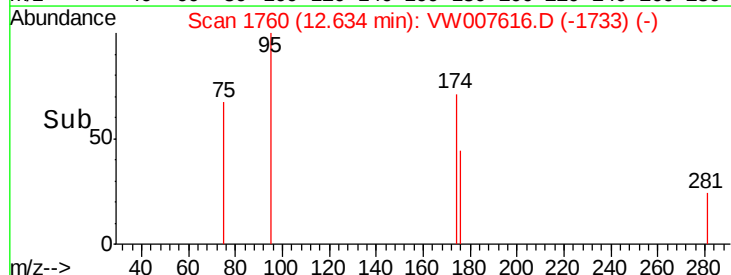
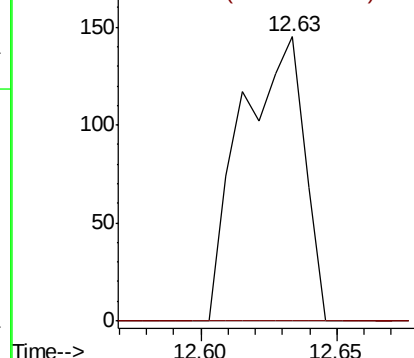
Ion Ratio Lower Upper

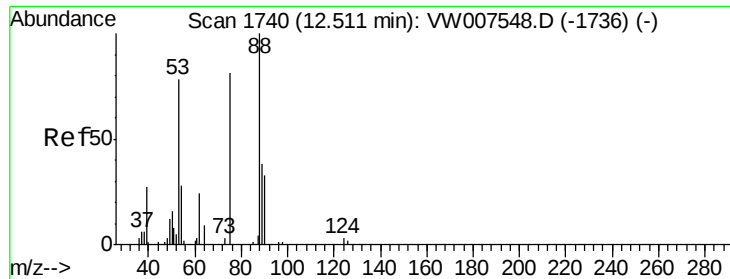
75 100

77 0.0 166.9 500.8#



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: 238.029 ug/l

RT: 12.63 min Scan# 1760

Delta R.T. 0.12 min

Lab File: VW007616.D

Acq: 16 Dec 2018 07:42

Instrument :

MSVOA_W

ClientSampleId :

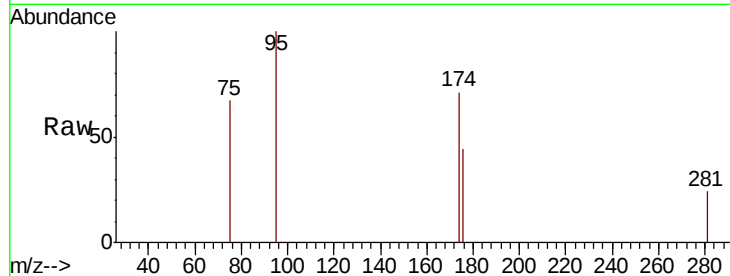
Tot Ion: 75 Resp: 231

Ion Ratio Lower Upper

75 100

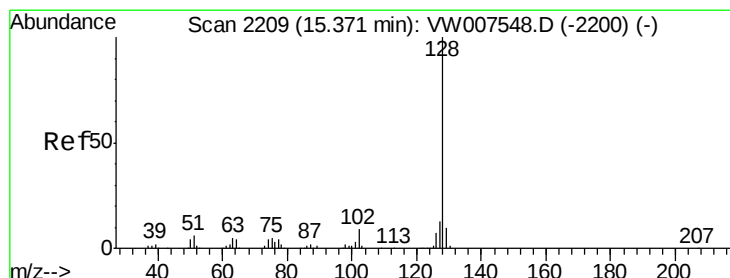
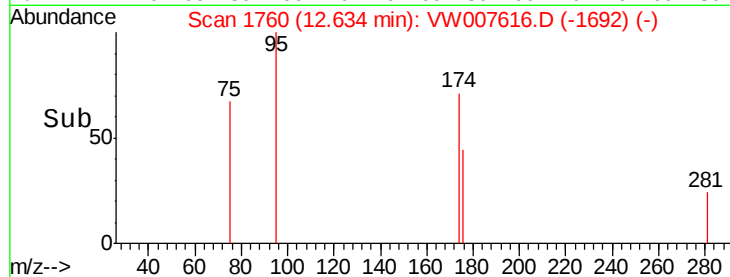
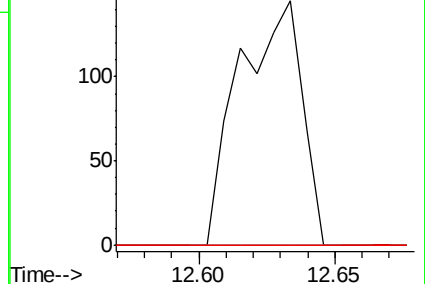
53 0.0 84.9 127.3#

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

12.63



#95

Naphthalene

Concen: 8.765 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.01 min

Lab File: VW007616.D

Acq: 16 Dec 2018 07:42

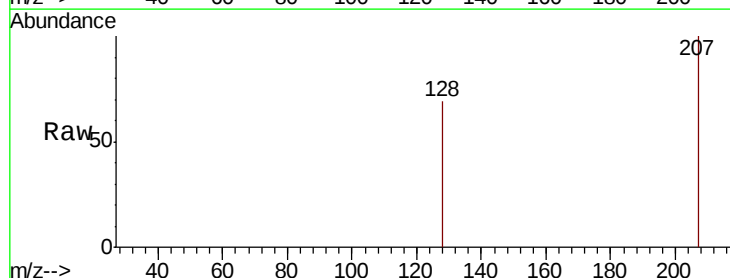
Tgt Ion: 128 Resp: 91

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.4#

129 0.0 8.3 12.5#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

15.36

