

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV120618\
 Data File : VW007302.D
 Acq On : 07 Dec 2018 01:31
 Operator : SY/AP
 Sample : J6260-01
 Misc : 5.06G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 07 03:05:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

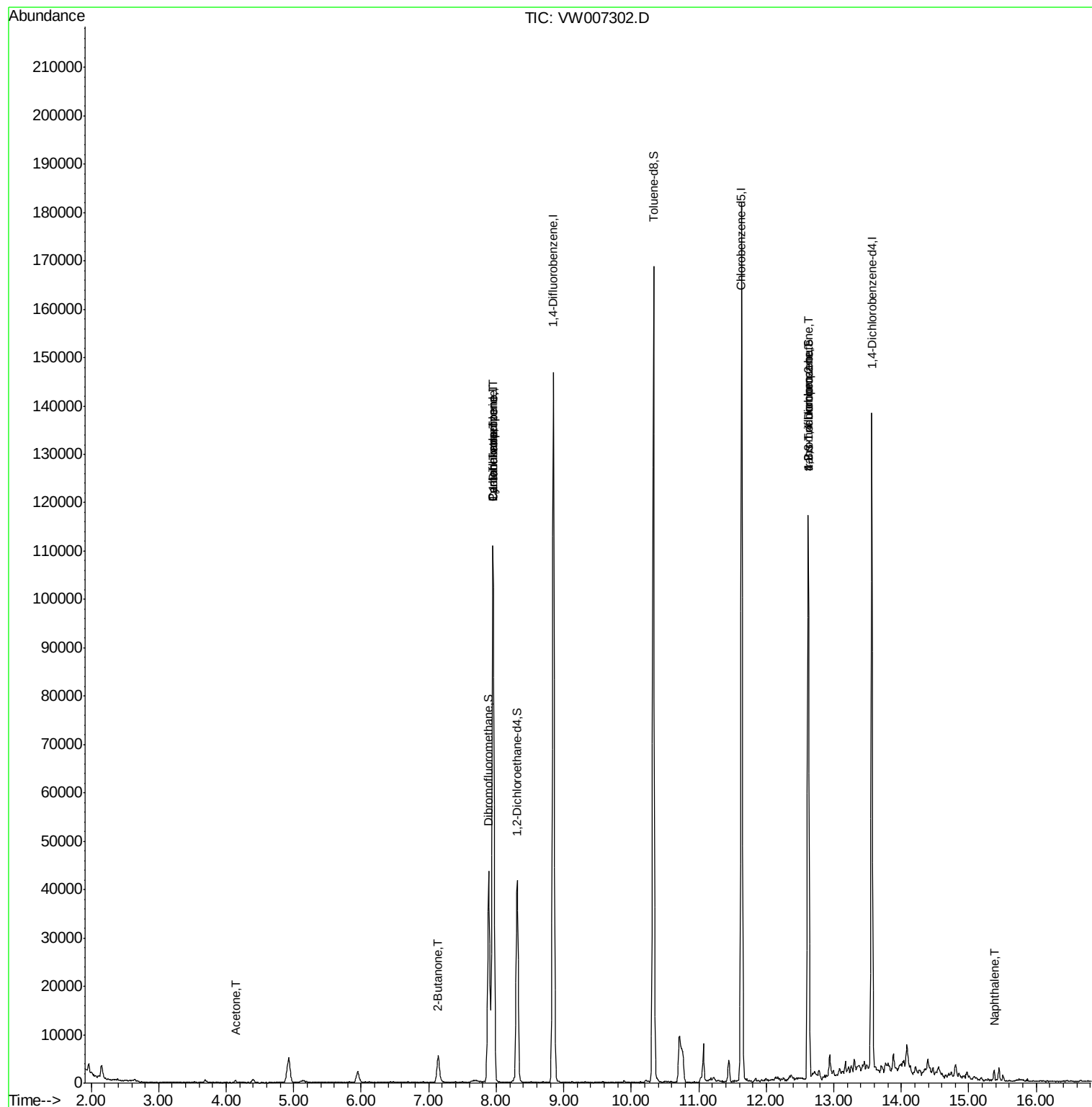
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	82653	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	130513	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	103363	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	34859	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	33441	43.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.92%	
35) Dibromofluoromethane	7.89	113	32760	43.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.68%	
50) Toluene-d8	10.32	98	117371	35.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.30%	
62) 4-Bromofluorobenzene	12.62	95	35701	28.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	57.46%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.14	59	285	Below Cal	#	75
16) Acetone	4.14	43	752	4.128	ug/l	91
20) Methylene Chloride	4.92	84	4326	Below Cal		93
25) 2-Butanone	7.13	43	226	1.070	ug/l #	46
31) Cyclohexane	7.95	56	1647	1.079	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	6397	5.037	ug/l #	48
38) Carbon Tetrachloride	7.96	117	8818	6.803	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	17830	66.058	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	17830	142.377	ug/l #	13
95) Naphthalene	15.38	128	2137	1.582	ug/l #	84

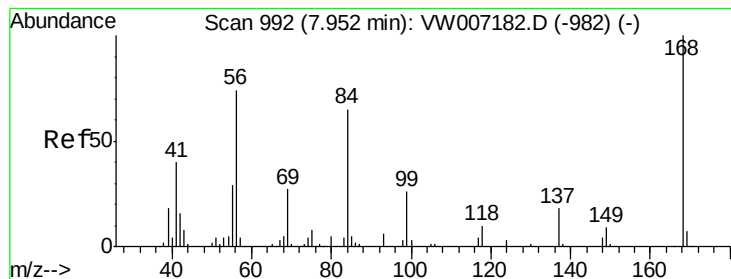
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120618\
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Misc : 5.06G/5ML/MSVOA W/SOIL
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Quant Time: Dec 07 03:05:39 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 05 01:35:23 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: VW007302.D

Acq: 07 Dec 2018 01:31

Instrument :

MSVOA_W

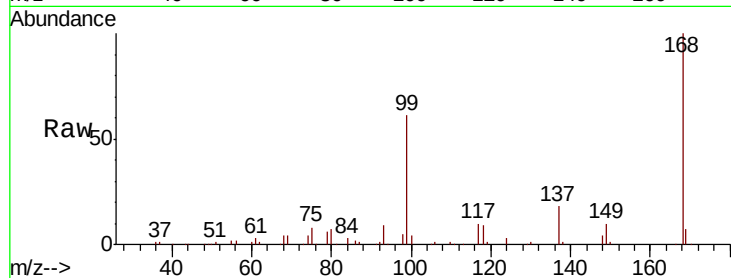
ClientSampled :

Tot Ion:168 Resp: 82653

Ion Ratio Lower Upper

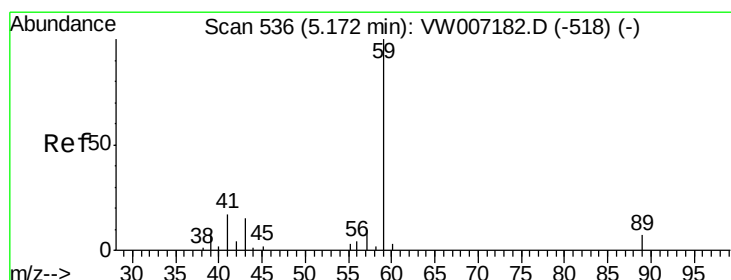
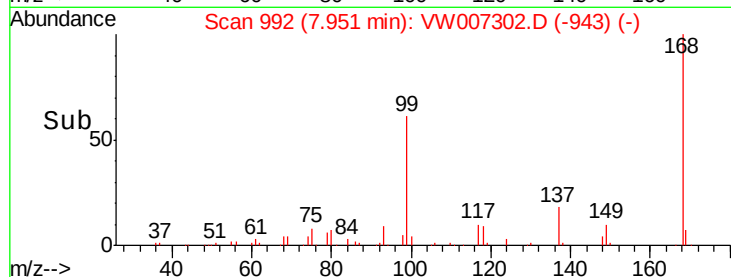
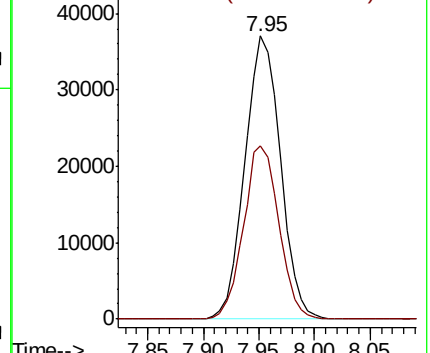
168 100

99 61.2 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.14 min Scan# 531

Delta R.T. -0.03 min

Lab File: VW007302.D

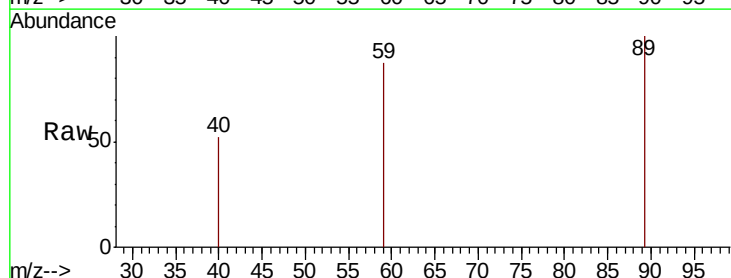
Acq: 07 Dec 2018 01:31

Tgt Ion: 59 Resp: 285

Ion Ratio Lower Upper

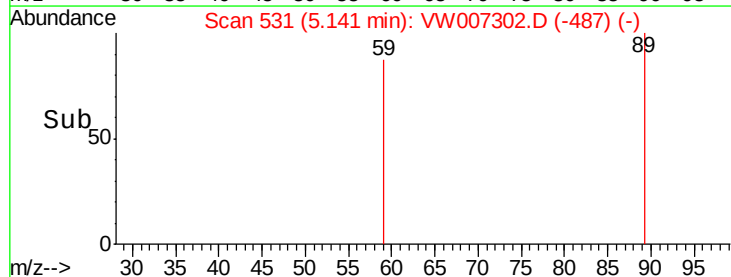
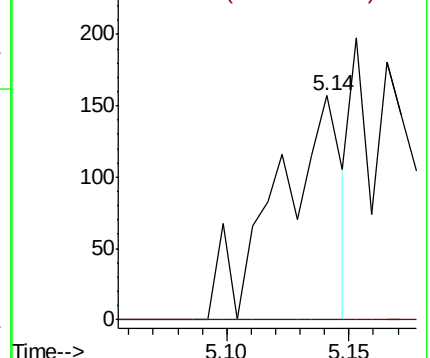
59 100

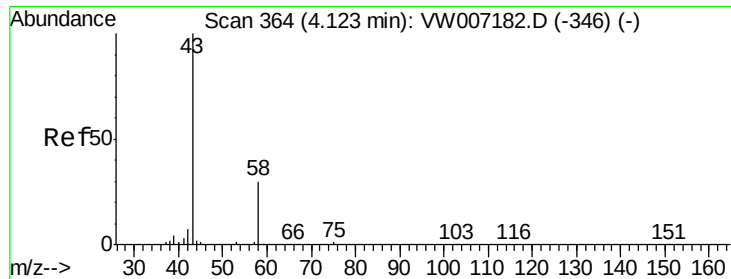
57 0.0 7.1 10.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 4.128 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW007302.D

Acq: 07 Dec 2018 01:31

Instrument :

MSVOA_W

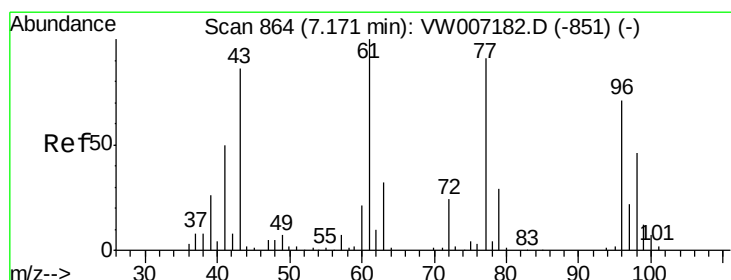
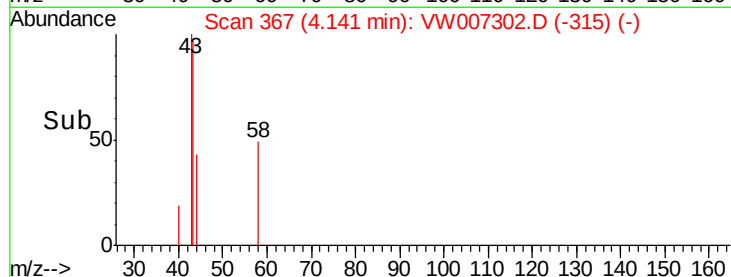
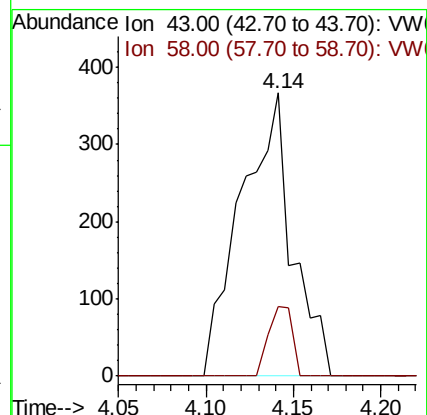
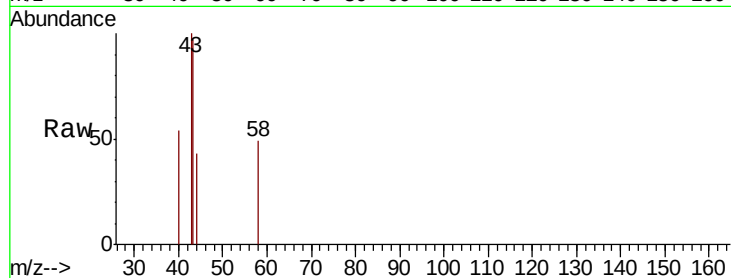
ClientSampled :

Tot Ion: 43 Resp: 752

Ion Ratio Lower Upper

43 100

58 24.8 23.8 35.8



#25

2-Butanone

Concen: 1.070 ug/l

RT: 7.13 min Scan# 858

Delta R.T. -0.04 min

Lab File: VW007302.D

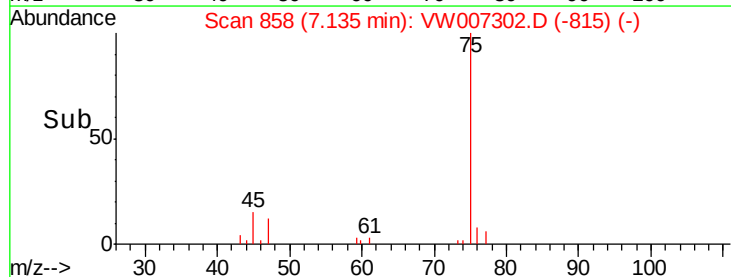
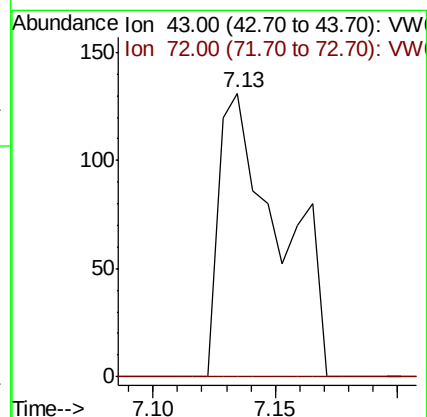
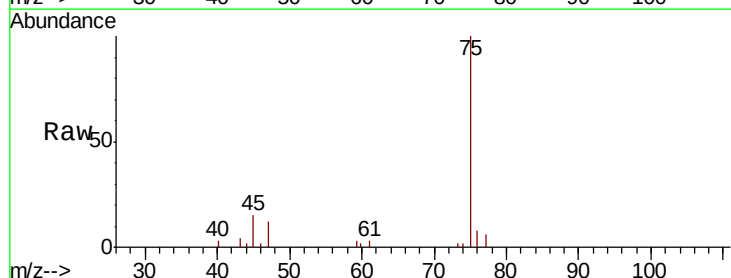
Acq: 07 Dec 2018 01:31

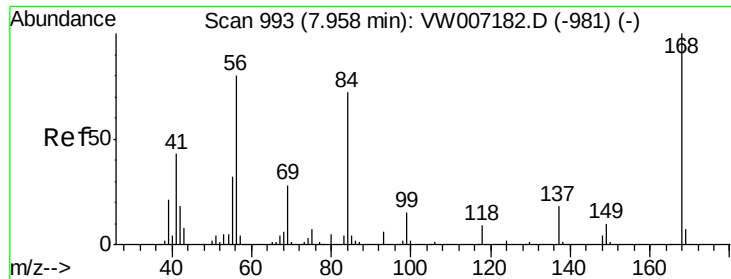
Tgt Ion: 43 Resp: 226

Ion Ratio Lower Upper

43 100

72 0.0 22.8 34.2#

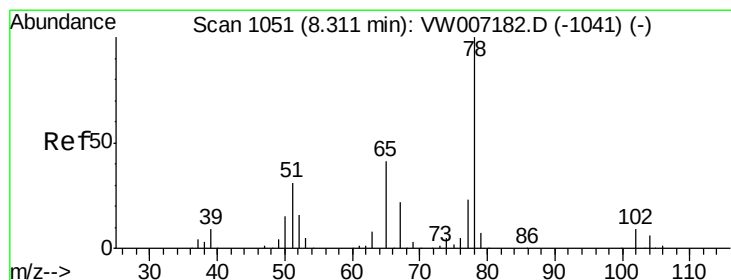
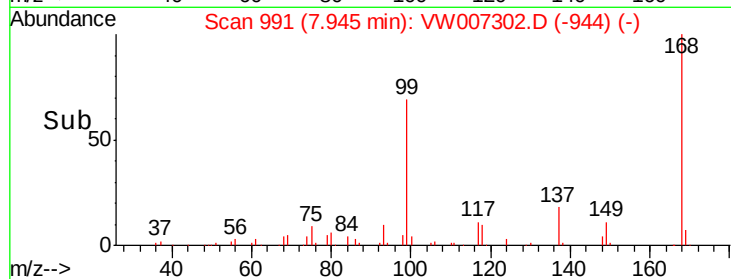
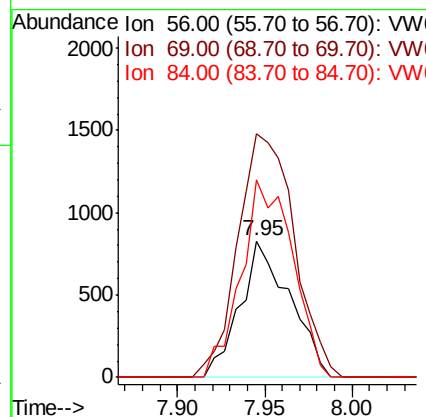
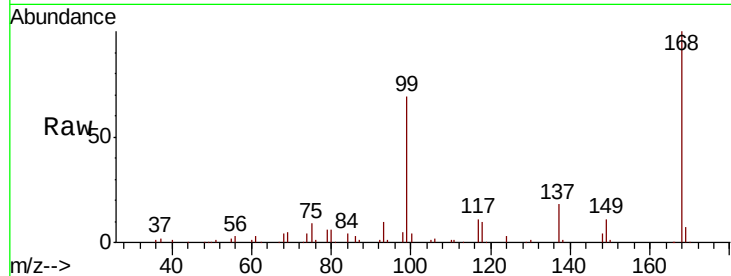




#31
Cyclohexane
Concen: 1.079 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007302.D
Acq: 07 Dec 2018 01:31

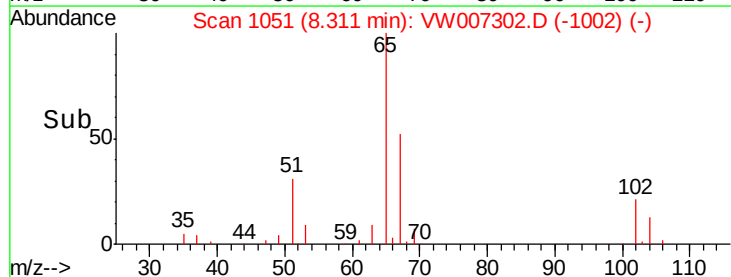
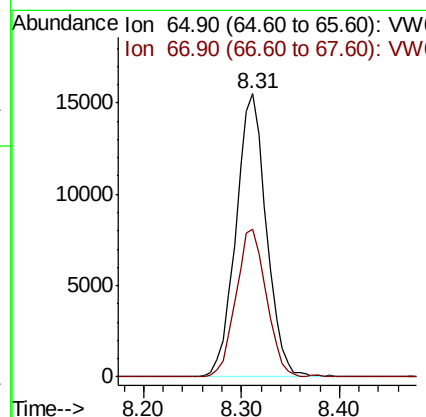
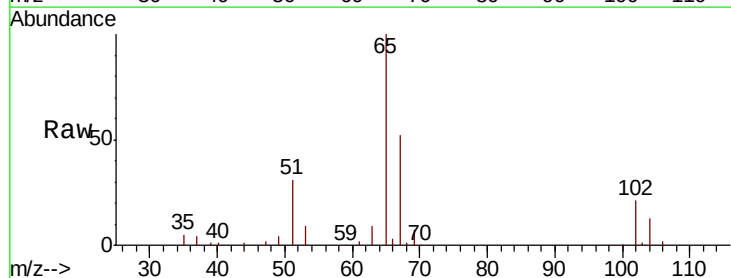
Instrument :
MSVOA_W
ClientSampleId :

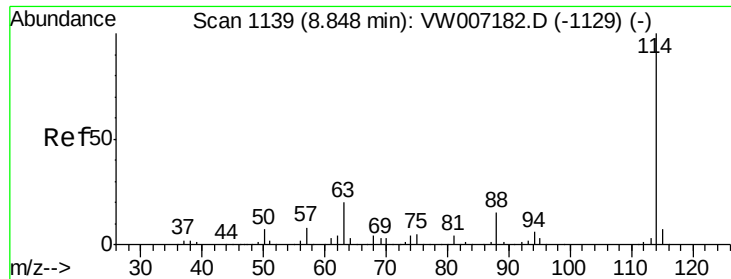
Tot Ion: 56 Resp: 1647
Ion Ratio Lower Upper
56 100
69 178.8 28.2 42.2#
84 145.6 72.1 108.1#



#33
1,2-Dichloroethane-d4
Concen: 43.456 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW007302.D
Acq: 07 Dec 2018 01:31

Tgt Ion: 65 Resp: 33441
Ion Ratio Lower Upper
65 100
67 52.1 0.0 106.4

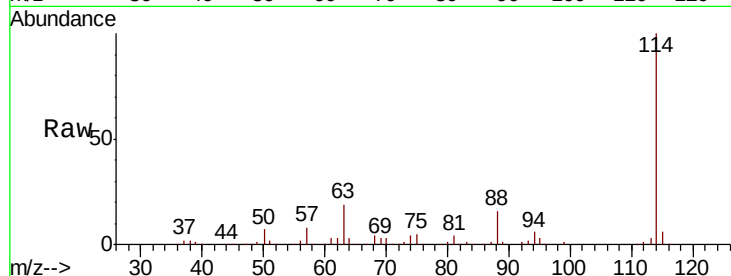




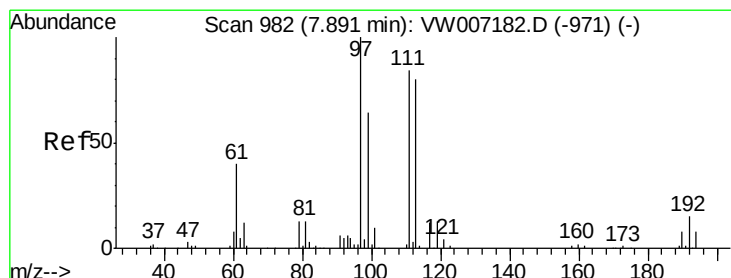
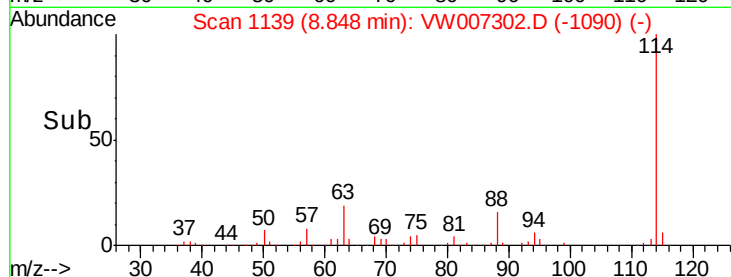
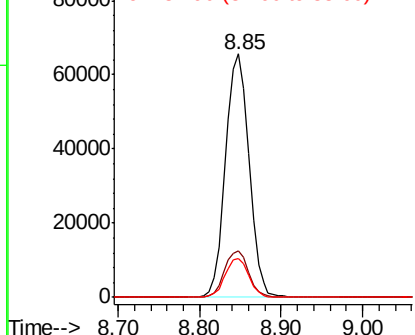
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007302.D
 Acq: 07 Dec 2018 01:31

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:114 Resp: 130513
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 40.2
 88 15.8 0.0 30.0

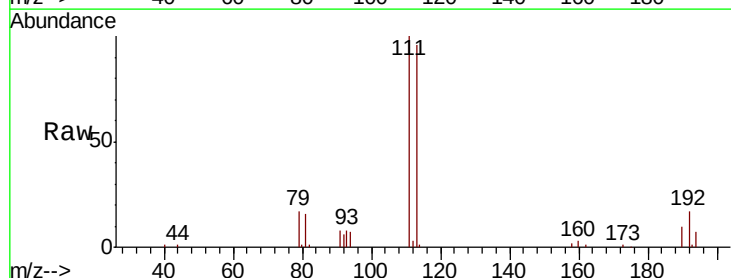


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

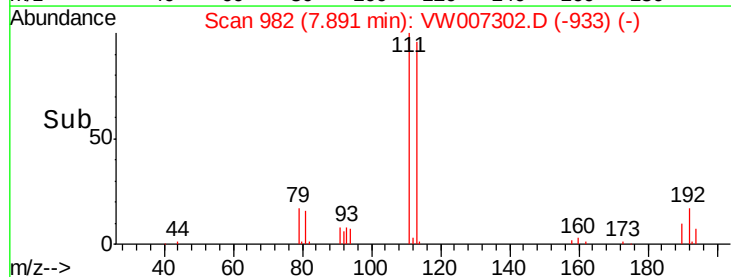
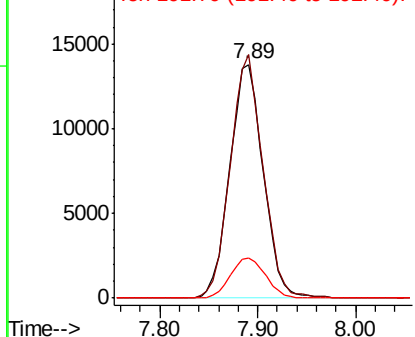


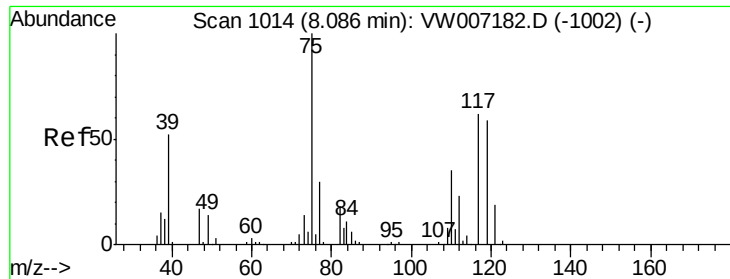
#35
 Dibromofluoromethane
 Concen: 43.837 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW007302.D
 Acq: 07 Dec 2018 01:31

Tgt Ion:113 Resp: 32760
 Ion Ratio Lower Upper
 113 100
 111 101.2 82.2 123.4
 192 17.9 14.4 21.6



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

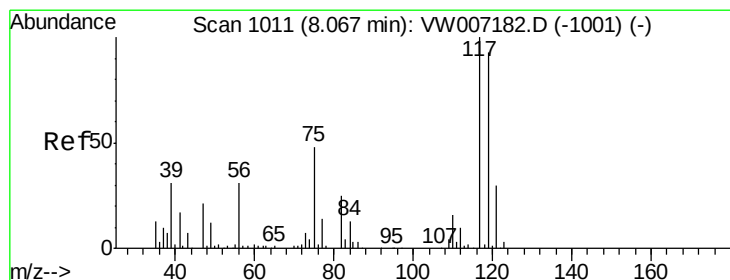
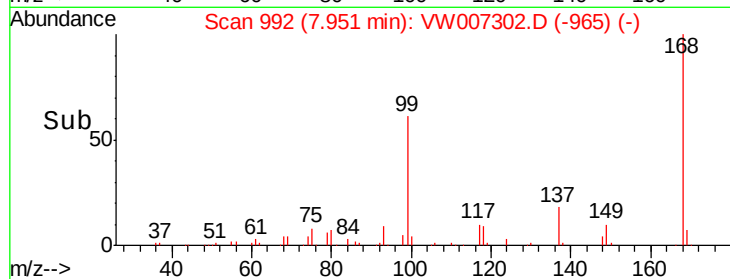
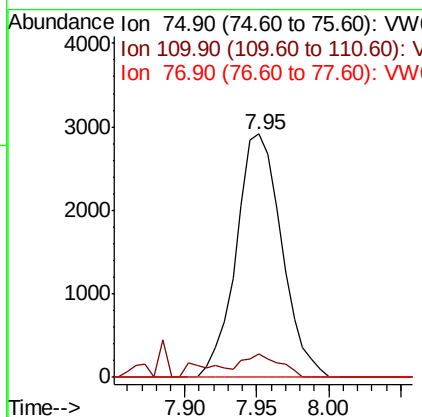
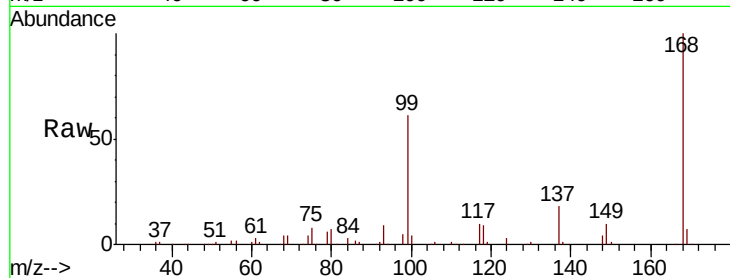




#36
 1,1-Dichloropropene
 Concen: 5.037 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007302.D
 Acq: 07 Dec 2018 01:31

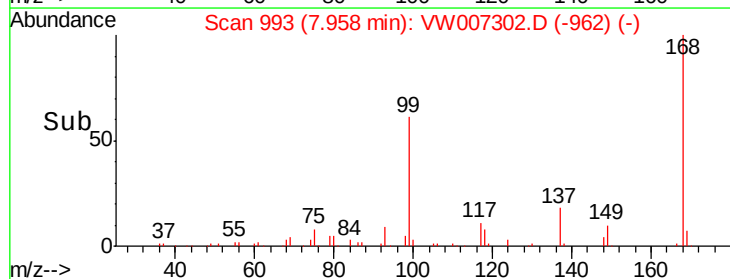
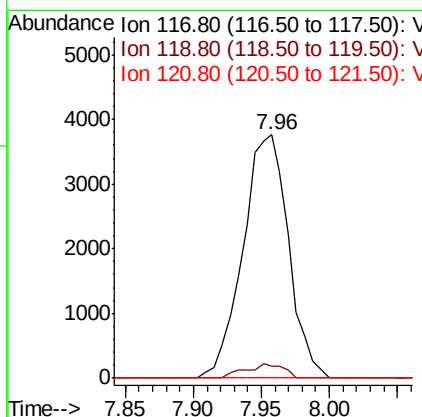
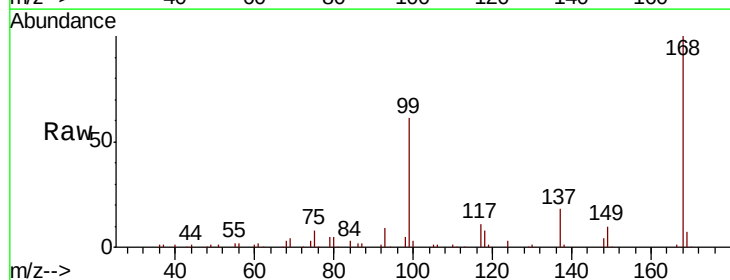
Instrument :
 MSVOA_W
 ClientSampleId :

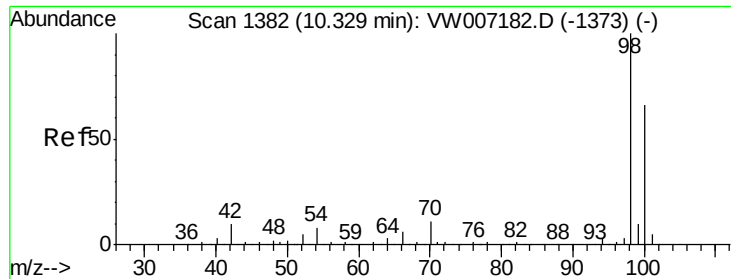
Tot Ion	75	Resp	6397
Ion Ratio	Lower	Upper	
75	100		
110	7.8	18.3	54.9#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.803 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.11 min
 Lab File: VW007302.D
 Acq: 07 Dec 2018 01:31

Tgt Ion	117	Resp	8818
Ion Ratio	Lower	Upper	
117	100		
119	5.2	74.1	111.1#
121	0.0	23.9	35.9#





#50

Toluene-d8

Concen: 35.654 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW007302.D

Acq: 07 Dec 2018 01:31

Instrument :

MSVOA_W

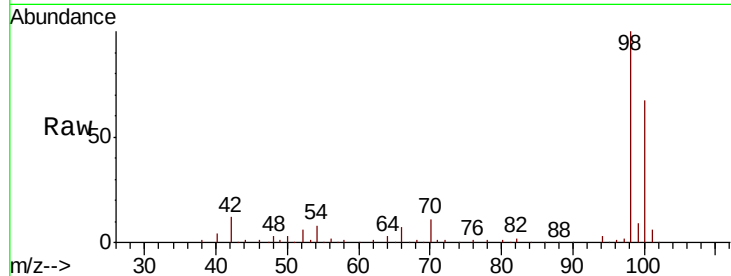
ClientSampleId :

Tot Ion: 98 Resp: 117371

Ion Ratio Lower Upper

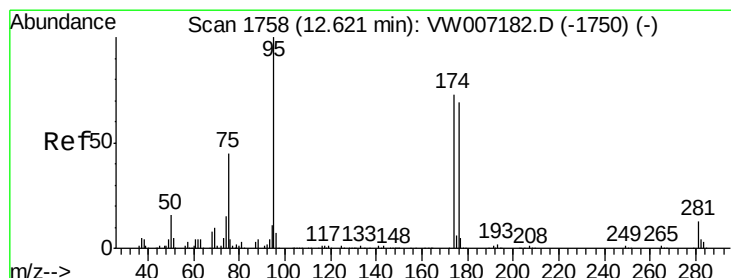
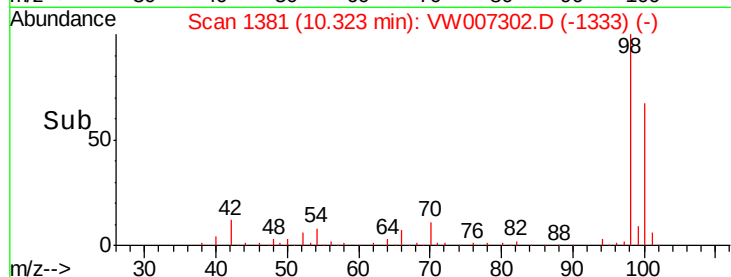
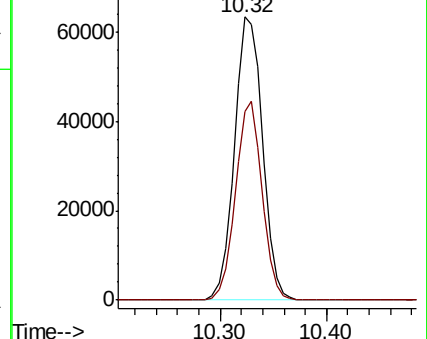
98 100

100 66.4 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 28.733 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007302.D

Acq: 07 Dec 2018 01:31

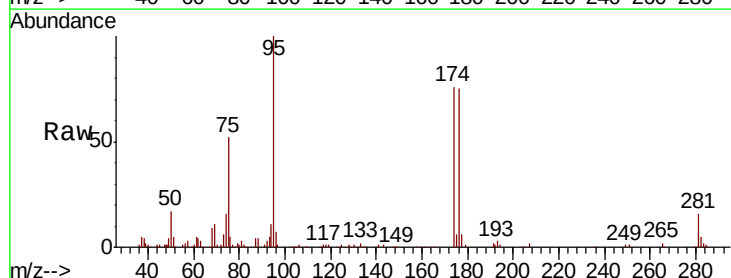
Tgt Ion: 95 Resp: 35701

Ion Ratio Lower Upper

95 100

174 76.0 0.0 148.0

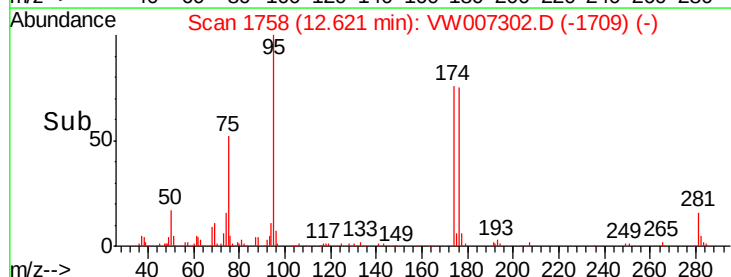
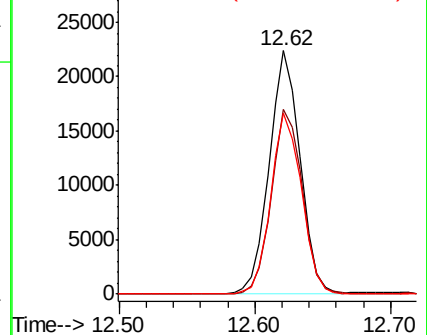
176 73.8 0.0 139.4

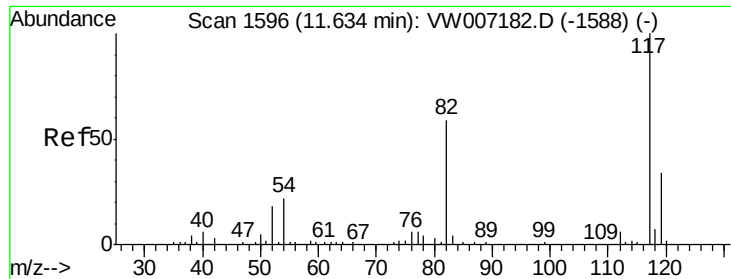


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

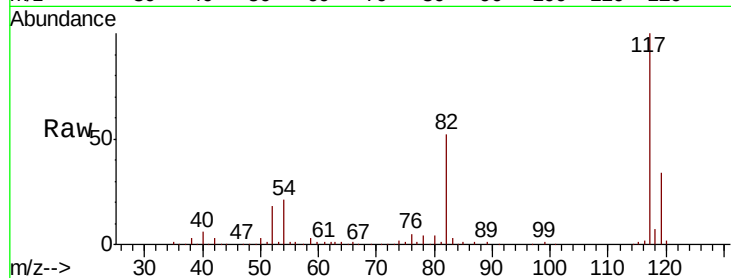




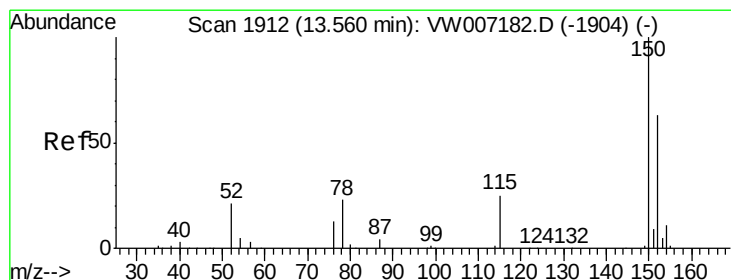
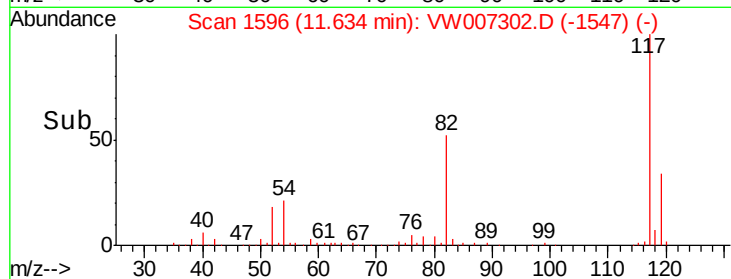
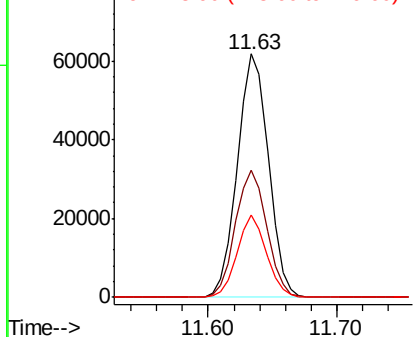
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.63 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: VW007302.D
 Acq: 07 Dec 2018 01:31

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:117 Resp: 103363
 Ion Ratio Lower Upper
 117 100
 82 52.5 47.4 71.2
 119 33.8 26.8 40.2

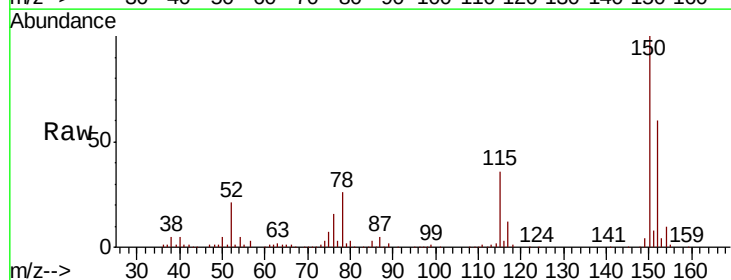


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): VV
 Ion 118.90 (118.60 to 119.60): V

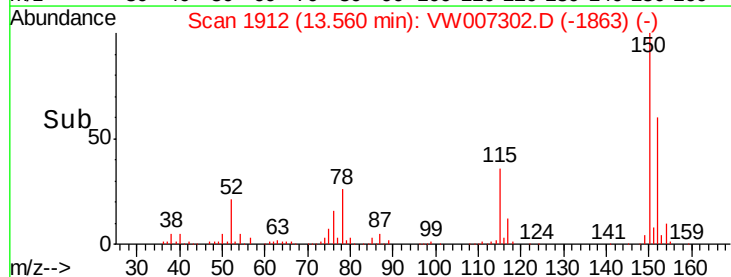
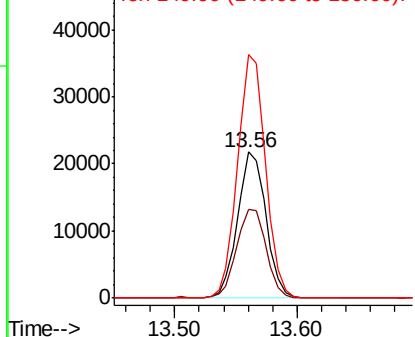


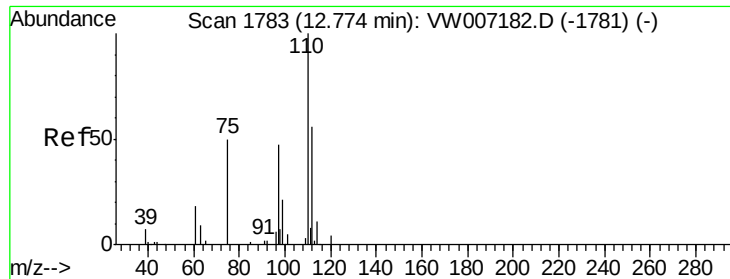
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW007302.D
 Acq: 07 Dec 2018 01:31

Tgt Ion:152 Resp: 34859
 Ion Ratio Lower Upper
 152 100
 115 63.8 31.3 93.8
 150 164.5 0.0 358.0



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: 66.058 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007302.D

Acq: 07 Dec 2018 01:31

Instrument :

MSVOA_W

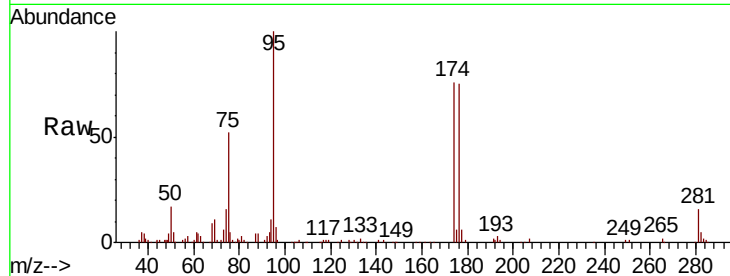
ClientSampleId :

Tot Ion: 75 Resp: 17830

Ion Ratio Lower Upper

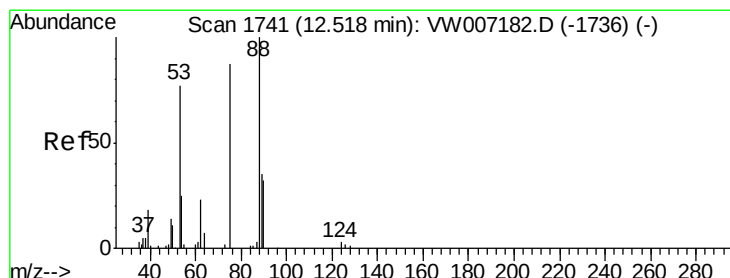
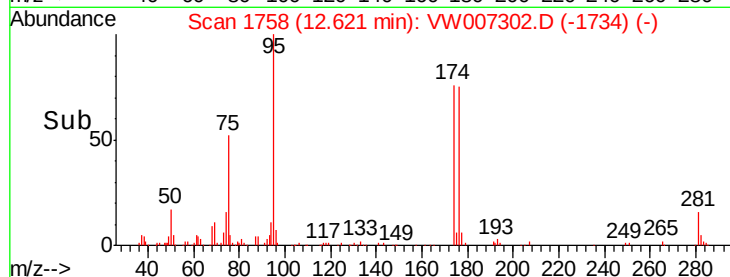
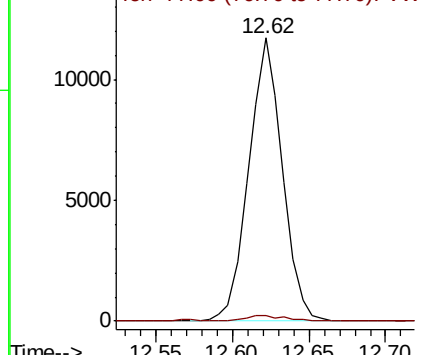
75 100

77 2.3 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: 142.377 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007302.D

Acq: 07 Dec 2018 01:31

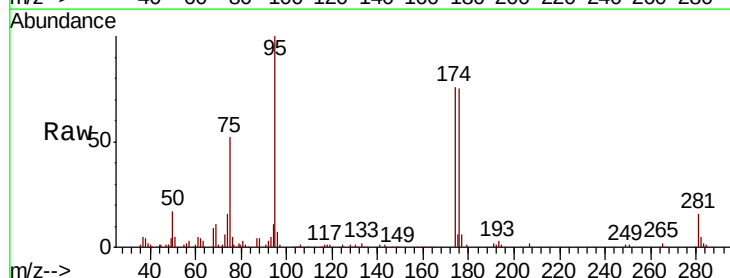
Tgt Ion: 75 Resp: 17830

Ion Ratio Lower Upper

75 100

53 0.0 72.8 109.2#

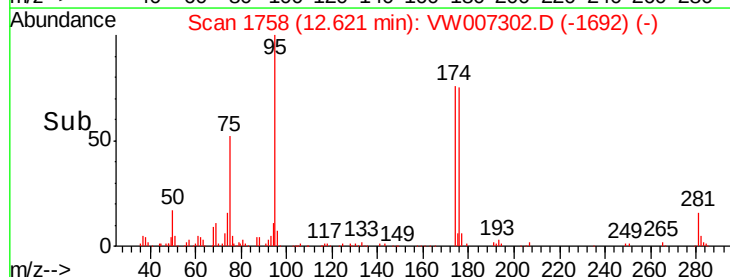
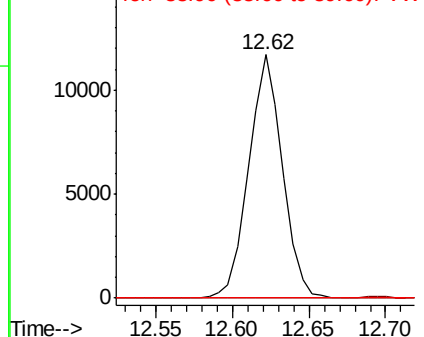
89 0.0 36.4 54.6#

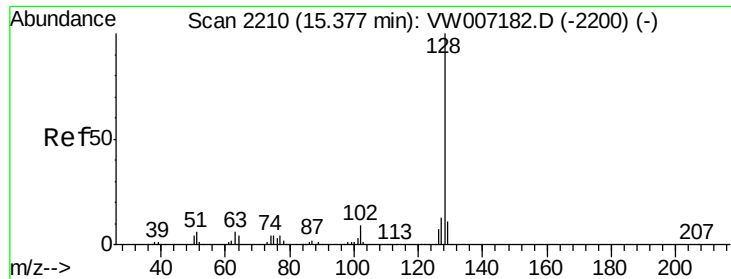


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

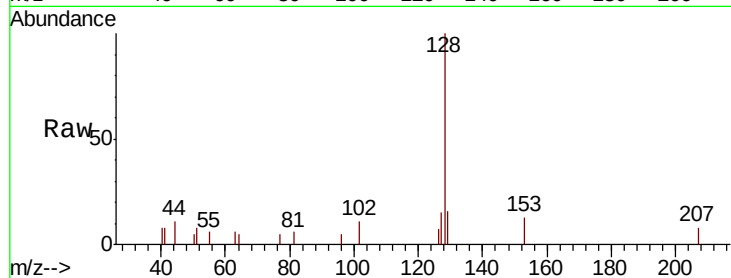




#95
Naphthalene
Concen: 1.582 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007302.D
Acq: 07 Dec 2018 01:31

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	10.9	10.3	15.5
129	0.0	8.6	13.0



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

