

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120518\
 Data File : VW007278.D
 Acq On : 06 Dec 2018 13:27
 Operator : SY/AP
 Sample : J6214-17
 Misc : 2.00G/5ML/MSVOA W/SOIL
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 06 14:36:03 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

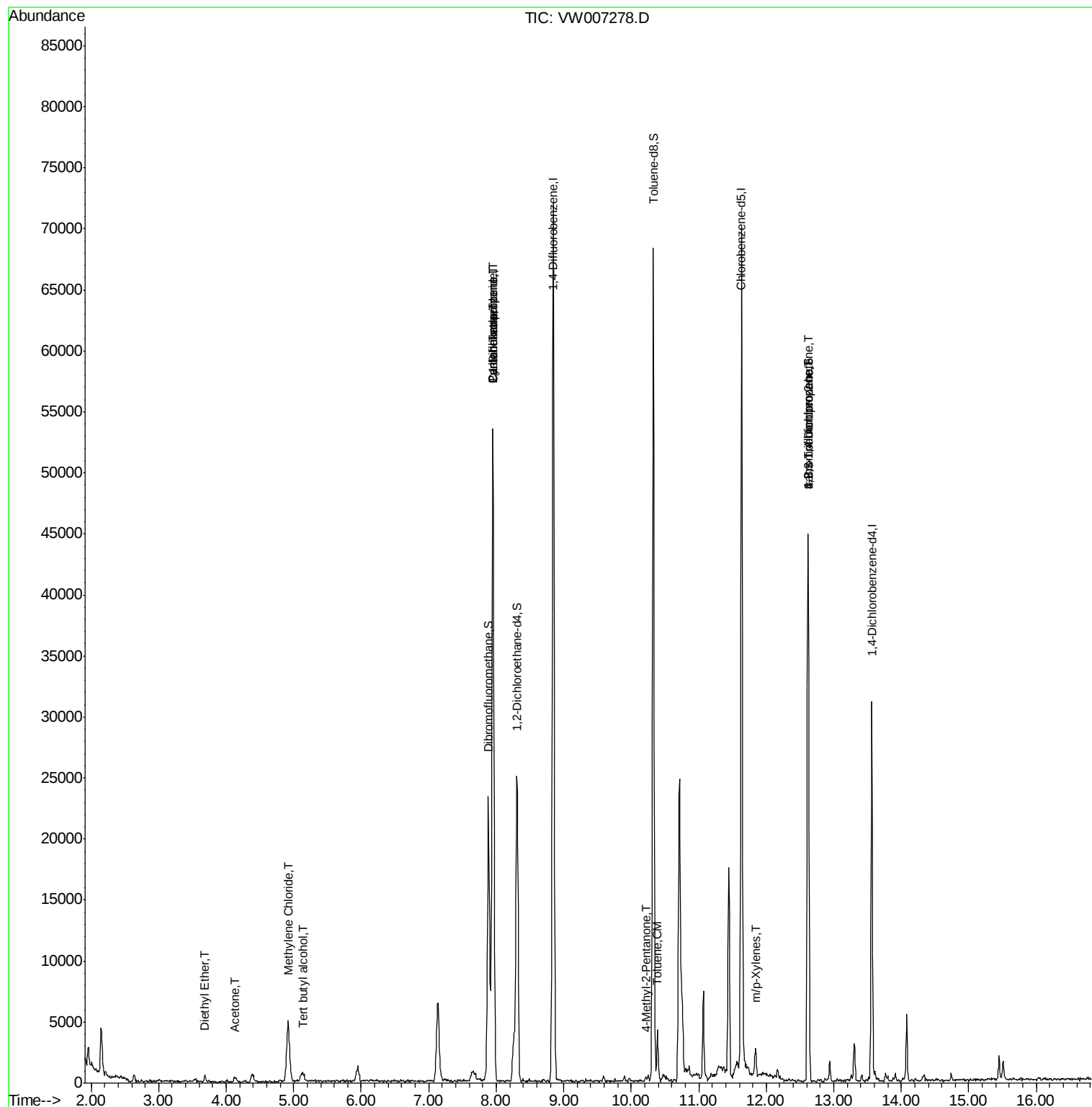
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	39624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	61395	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	37411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	8472	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	20630	55.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.84%	
35) Dibromofluoromethane	7.88	113	17032	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
50) Toluene-d8	10.32	98	46611	30.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.20%	
62) 4-Bromofluorobenzene	12.62	95	9811	16.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	33.58%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.68	74	217	1.162	ug/l	99
11) Tert butyl alcohol	5.13	59	854	5.757	ug/l #	75
16) Acetone	4.14	43	791	9.057	ug/l #	87
20) Methylene Chloride	4.92	84	3989	4.303	ug/l	94
31) Cyclohexane	7.95	56	846	1.156	ug/l #	27
36) 1,1-Dichloropropene	7.95	75	3025	5.064	ug/l #	46
38) Carbon Tetrachloride	7.95	117	4031	6.611	ug/l #	16
51) 4-Methyl-2-Pentanone	10.22	43	343	1.658	ug/l #	64
52) Toluene	10.38	92	1890	1.659	ug/l	97
68) m/p-Xylenes	11.84	106	814	1.363	ug/l	98
76) 1,2,3-Trichloropropane	12.62	75	5193	79.162	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	5193	170.623	ug/l #	13

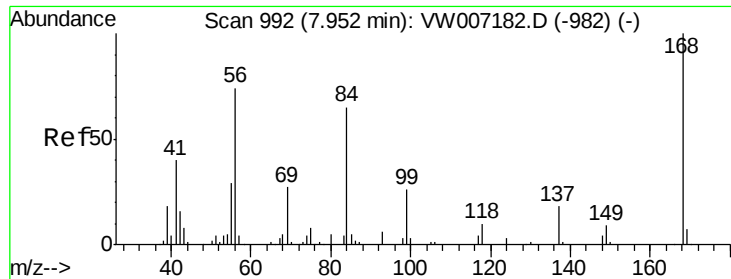
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120518\
Data File : VW007278.D
Acq On : 06 Dec 2018 13:27
Operator : SY/AP
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Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 06 14:36:03 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: VW007278.D

Acq: 06 Dec 2018 13:27

Instrument :

MSVOA_W

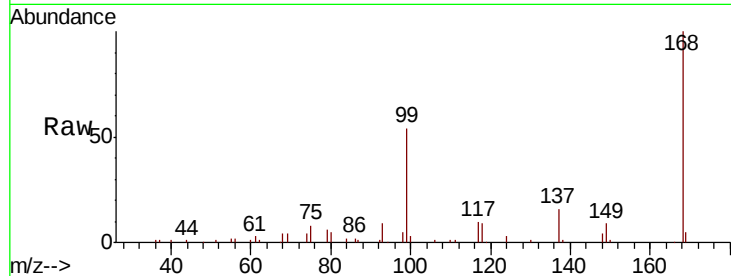
ClientSampled :

Tot Ion:168 Resp: 39624

Ion Ratio Lower Upper

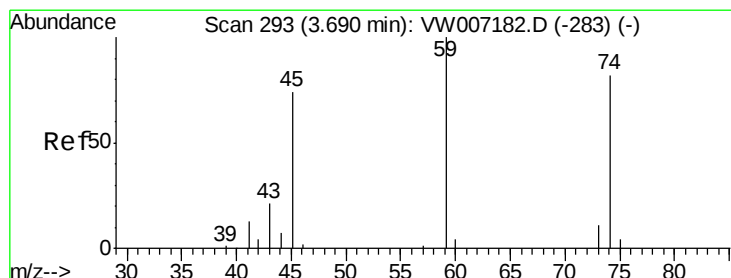
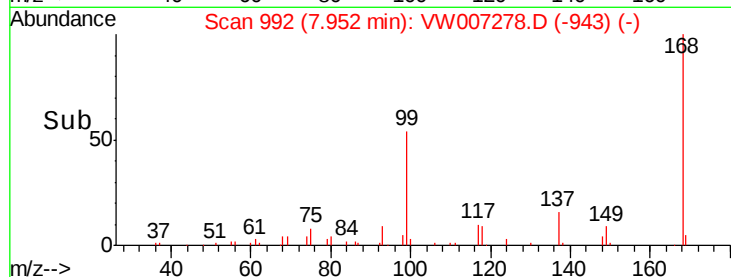
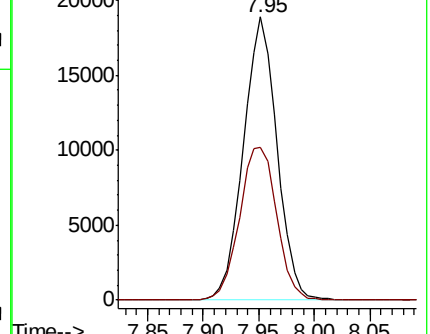
168 100

99 54.1 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.162 ug/l

RT: 3.68 min Scan# 292

Delta R.T. -0.01 min

Lab File: VW007278.D

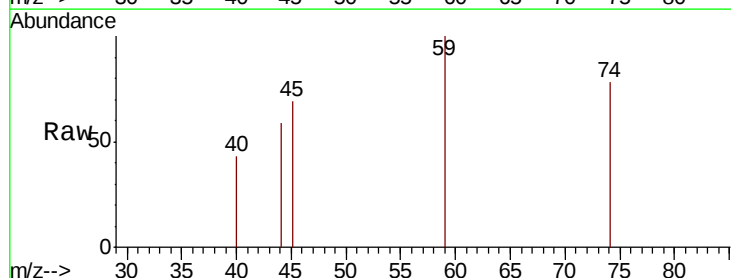
Acq: 06 Dec 2018 13:27

Tgt Ion: 74 Resp: 217

Ion Ratio Lower Upper

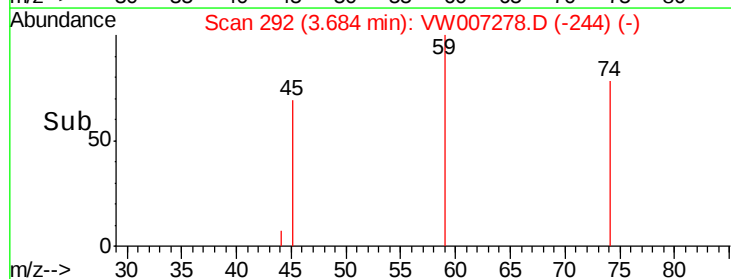
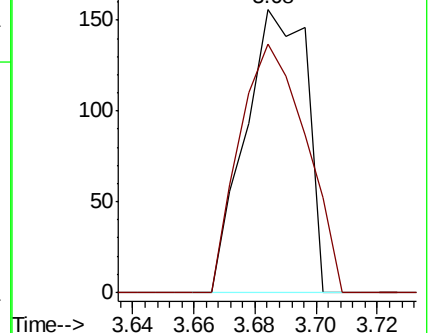
74 100

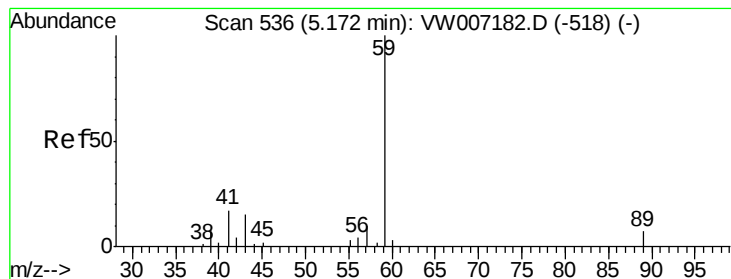
45 94.9 47.2 141.6



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW



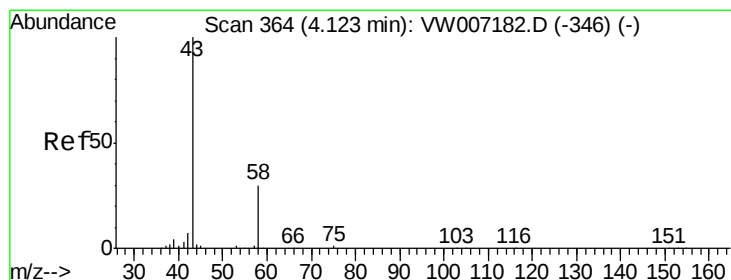
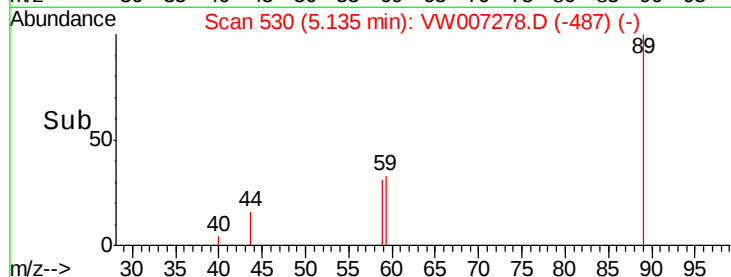
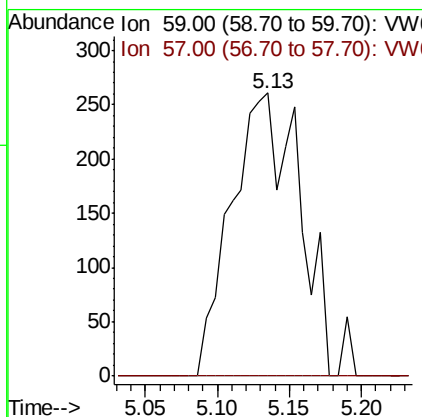
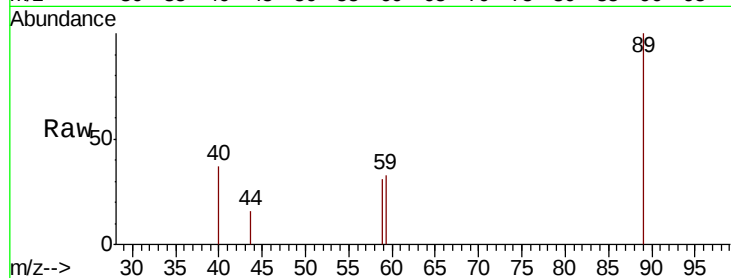


#11

Tert butyl alcohol
 Concen: 5.757 ug/l
 RT: 5.13 min Scan# 530
 Delta R.T. -0.04 min
 Lab File: VW007278.D
 Acq: 06 Dec 2018 13:27

Instrument :
 MSVOA_W
 ClientSampled :

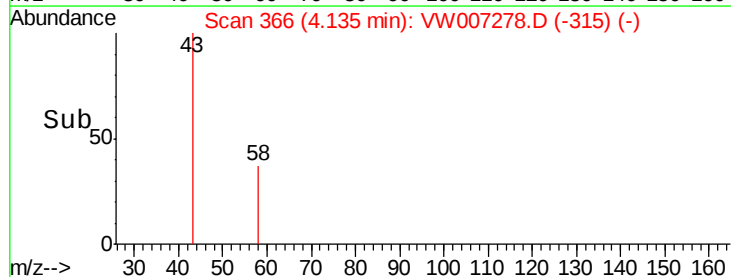
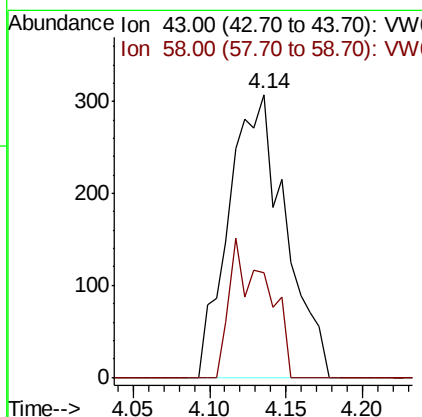
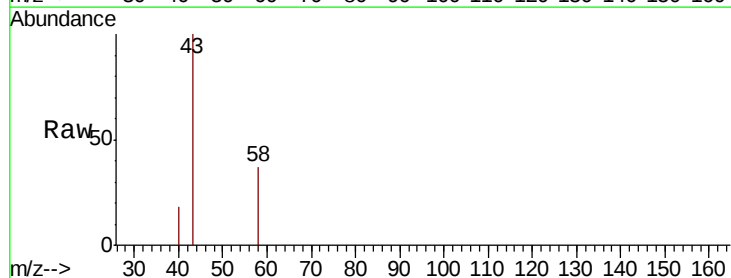
Tot Ion: 59 Resp: 854
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.1 10.7#

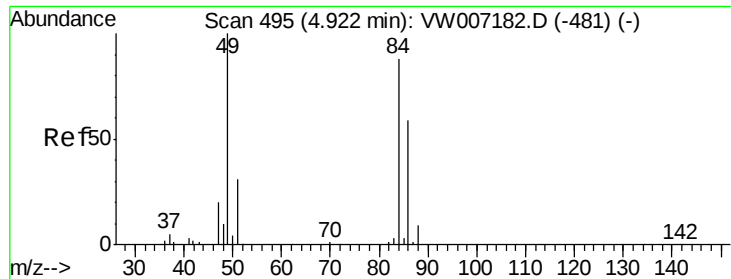


#16

Acetone
 Concen: 9.057 ug/l
 RT: 4.14 min Scan# 366
 Delta R.T. 0.01 min
 Lab File: VW007278.D
 Acq: 06 Dec 2018 13:27

Tgt Ion: 43 Resp: 791
 Ion Ratio Lower Upper
 43 100
 58 36.7 23.8 35.8#

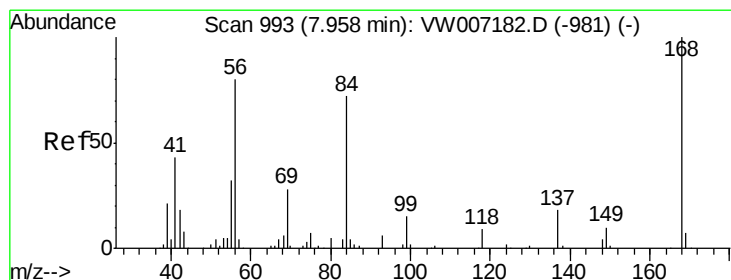
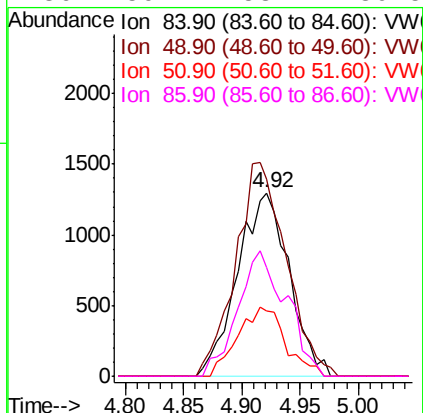
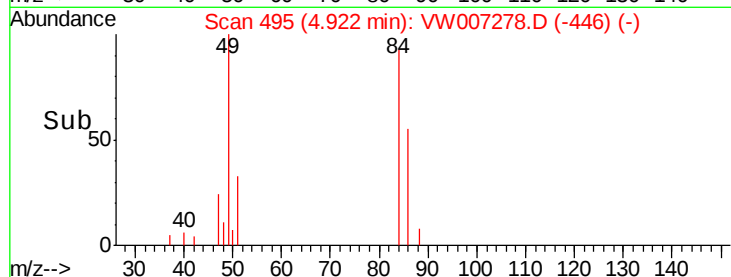
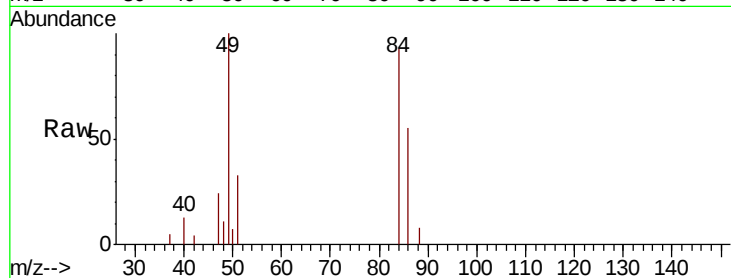




#20
Methvlene Chloride
Concen: 4.303 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007278.D
Acq: 06 Dec 2018 13:27

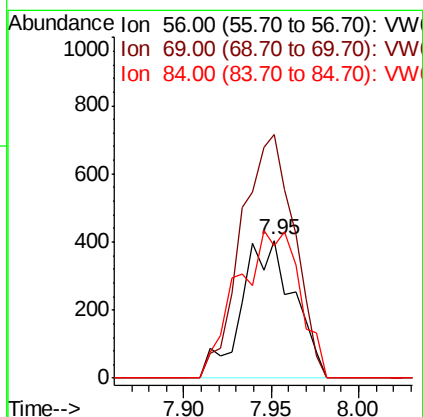
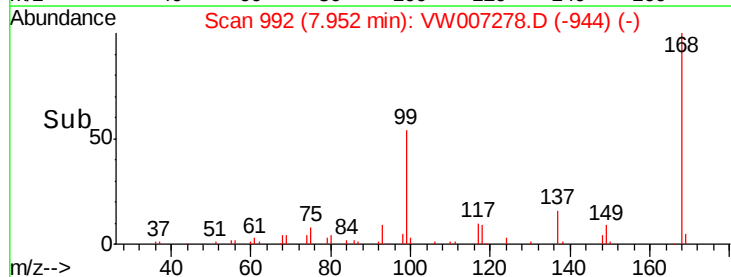
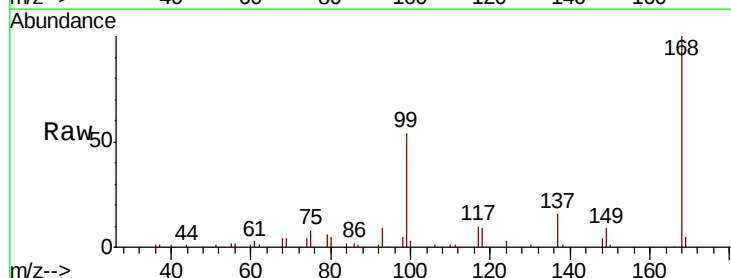
Instrument :
MSVOA_W
ClientSampleId :

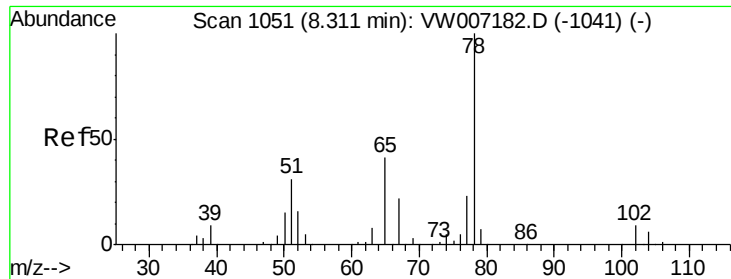
Tot Ion: 84 Resp: 3989
Ion Ratio Lower Upper
84 100
49 107.8 90.6 135.8
51 35.7 27.6 41.4
86 59.2 53.7 80.5



#31
Cyclohexane
Concen: 1.156 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW007278.D
Acq: 06 Dec 2018 13:27

Tgt Ion: 56 Resp: 846
Ion Ratio Lower Upper
56 100
69 177.0 28.2 42.2#
84 96.5 72.1 108.1

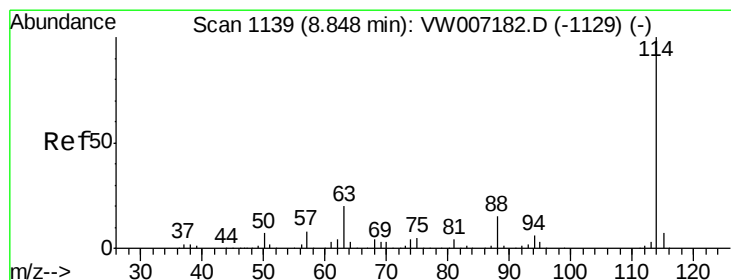
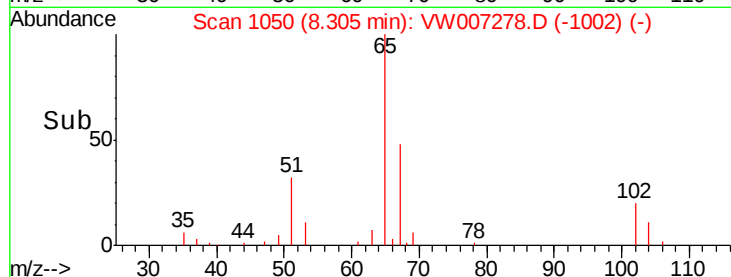
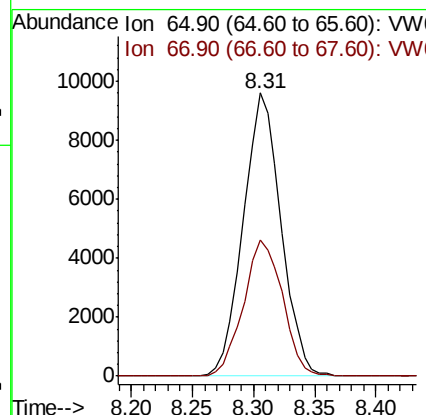
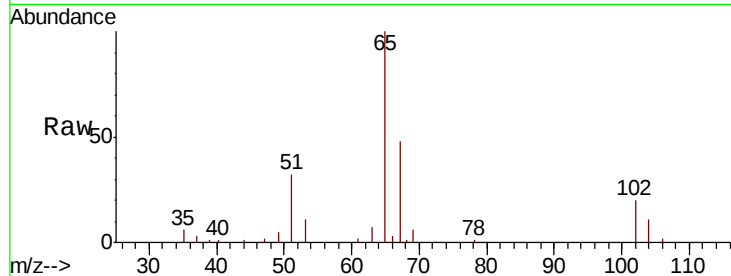




#33
 1,2-Dichloroethane-d4
 Concen: 55.921 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW007278.D
 Acq: 06 Dec 2018 13:27

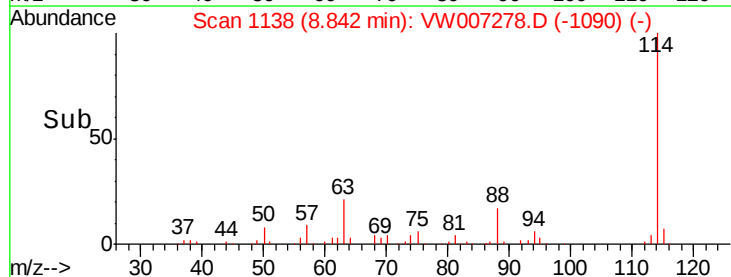
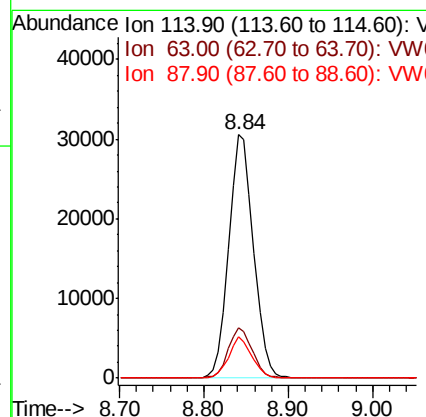
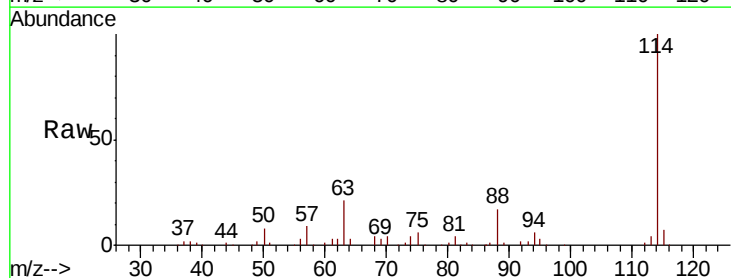
Instrument :
 MSVOA_W
 ClientSampled :

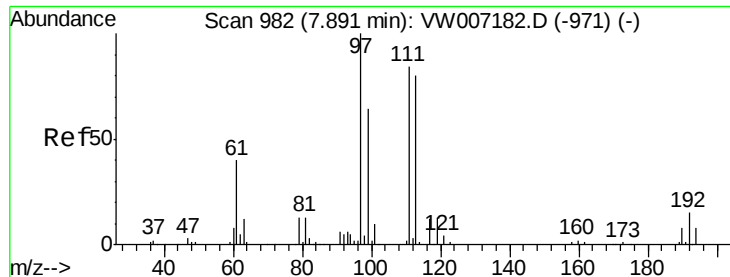
Tot Ion: 65 Resp: 20630
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW007278.D
 Acq: 06 Dec 2018 13:27

Tgt Ion: 114 Resp: 61395
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 40.2
 88 16.8 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.449 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW007278.D

Acq: 06 Dec 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

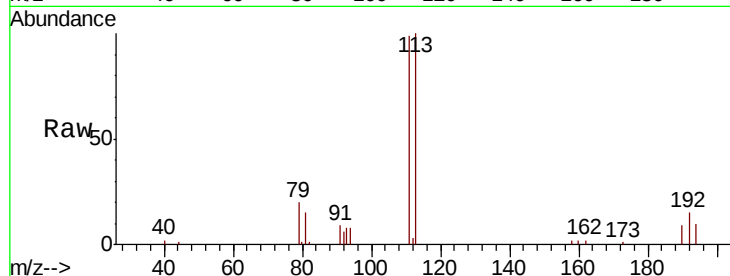
Tot Ion:113 Resp: 17032

Ion Ratio Lower Upper

113 100

111 100.2 82.2 123.4

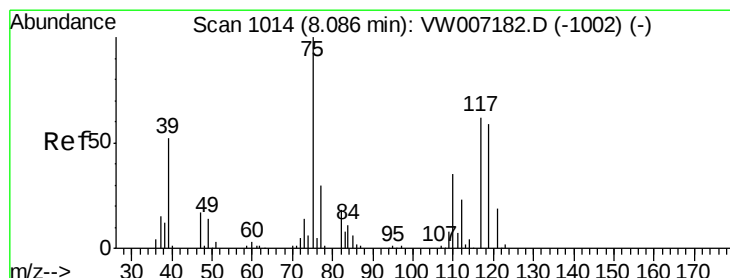
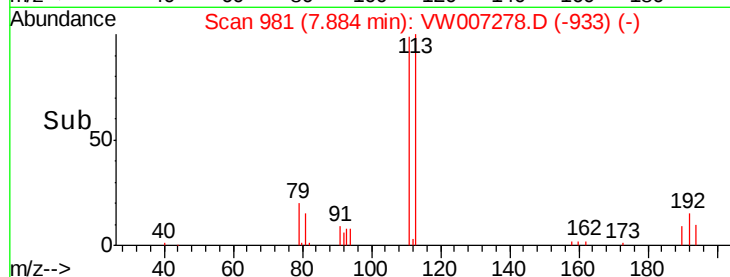
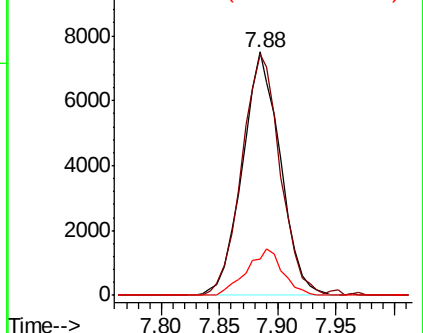
192 18.0 14.4 21.6



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: 5.064 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW007278.D

Acq: 06 Dec 2018 13:27

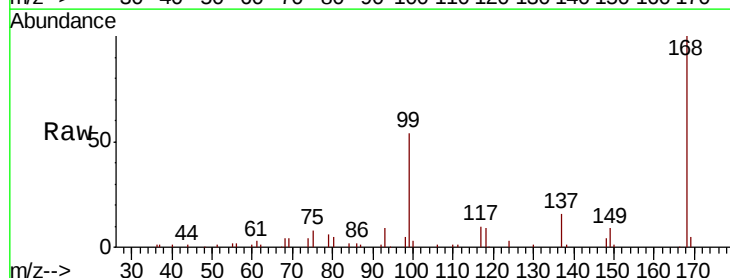
Tgt Ion: 75 Resp: 3025

Ion Ratio Lower Upper

75 100

110 6.0 18.3 54.9#

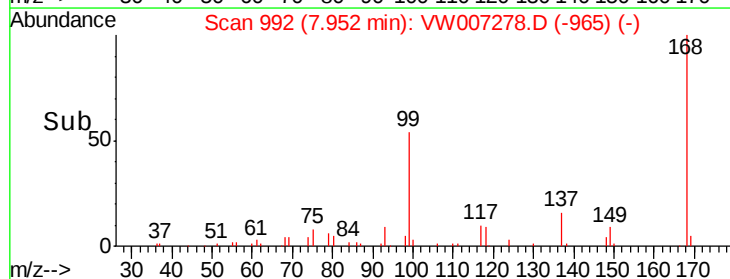
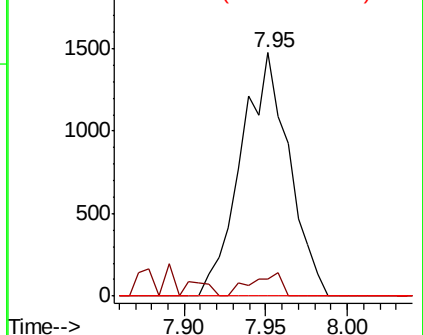
77 0.0 24.9 37.3#

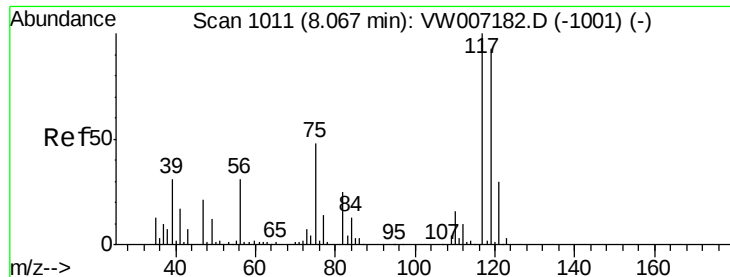


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

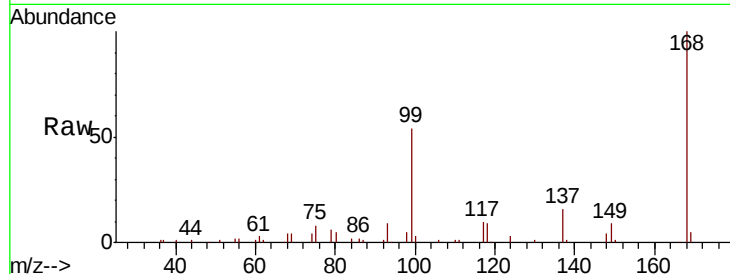




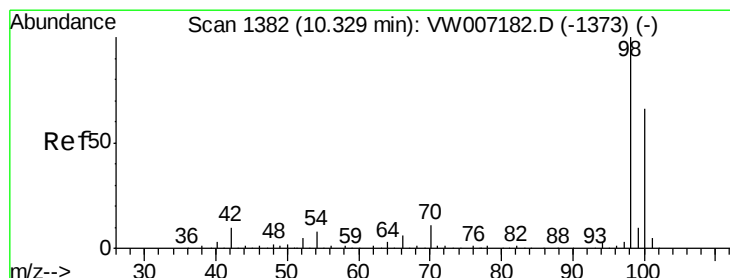
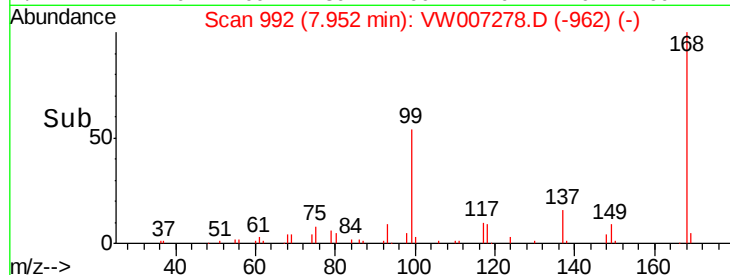
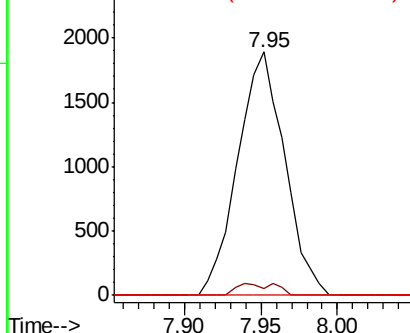
#38
Carbon Tetrachloride
Concen: 6.611 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW007278.D
Acq: 06 Dec 2018 13:27

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 4031
Ion Ratio Lower Upper
117 100
119 2.7 74.1 111.1#
121 0.0 23.9 35.9#

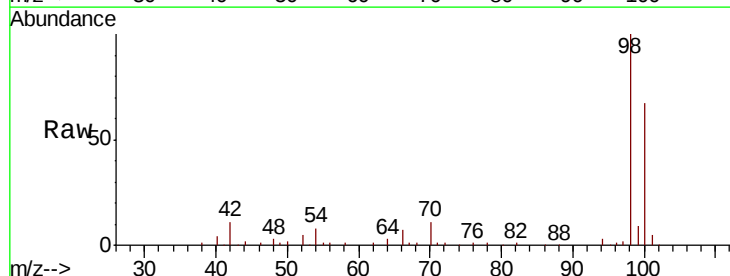


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

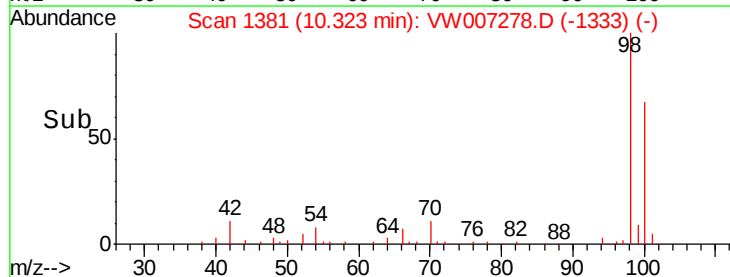
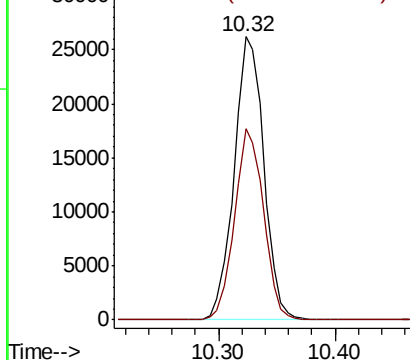


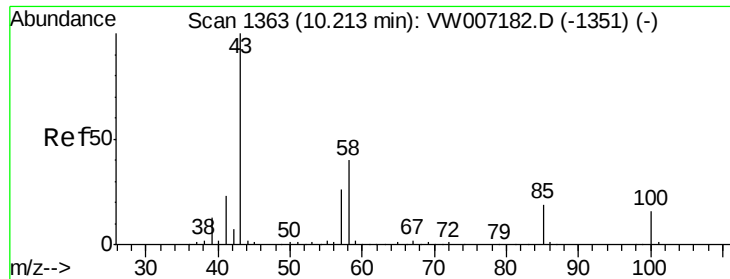
#50
Toluene-d8
Concen: 30.100 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007278.D
Acq: 06 Dec 2018 13:27

Tgt Ion: 98 Resp: 46611
Ion Ratio Lower Upper
98 100
100 65.8 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 1.658 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VW007278.D

Acq: 06 Dec 2018 13:27

Instrument :

MSVOA_W

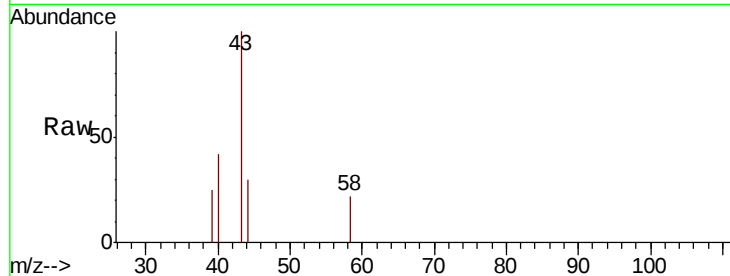
ClientSampled :

Tot Ion: 43 Resp: 343

Ion Ratio Lower Upper

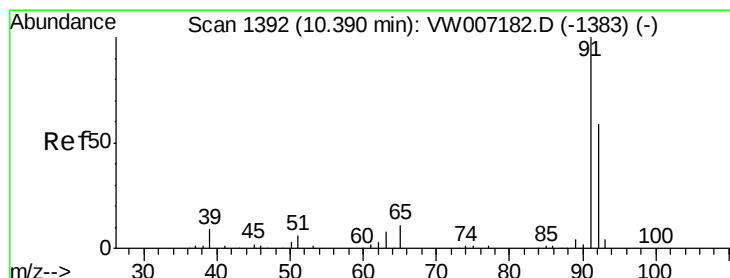
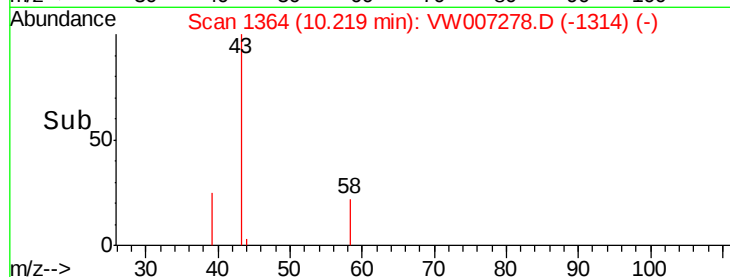
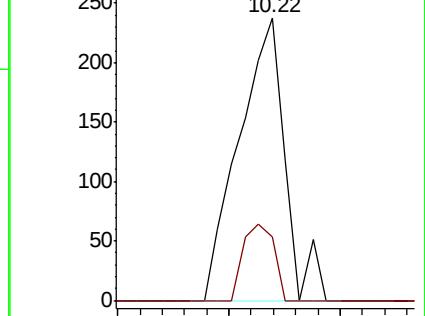
43 100

58 18.1 32.3 48.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 1.659 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW007278.D

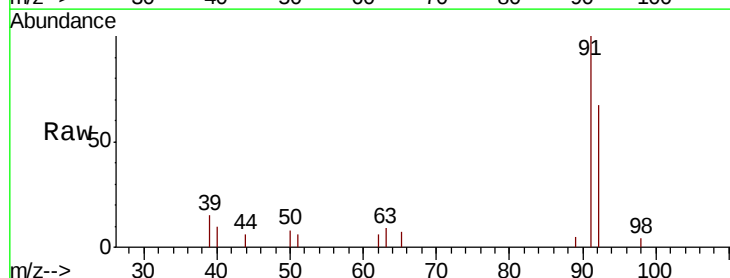
Acq: 06 Dec 2018 13:27

Tgt Ion: 92 Resp: 1890

Ion Ratio Lower Upper

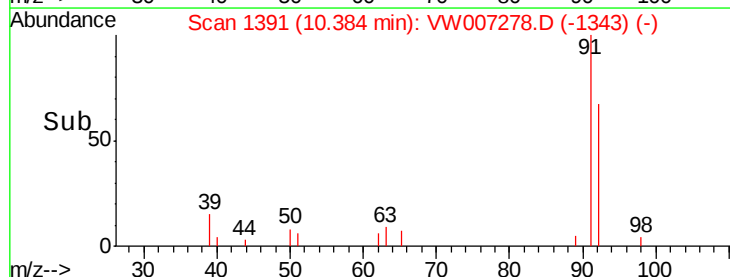
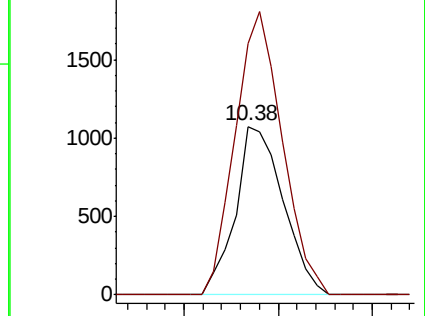
92 100

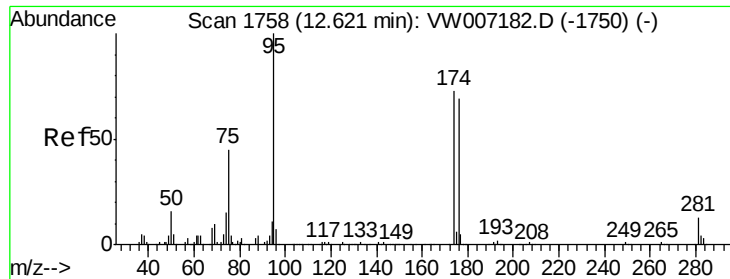
91 165.8 136.0 204.0



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

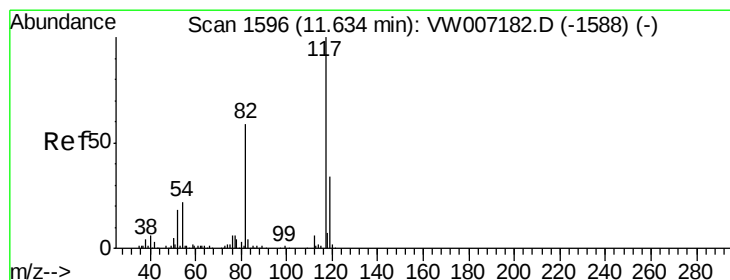
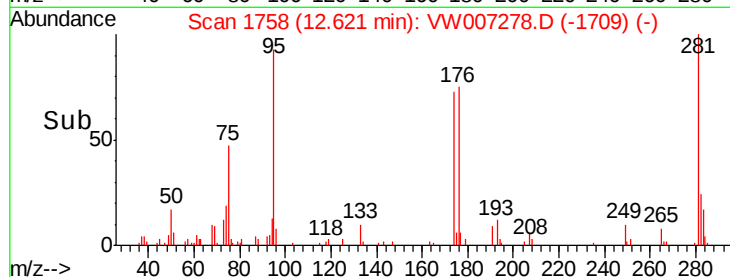
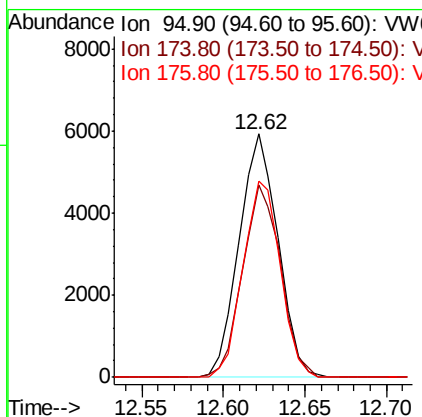
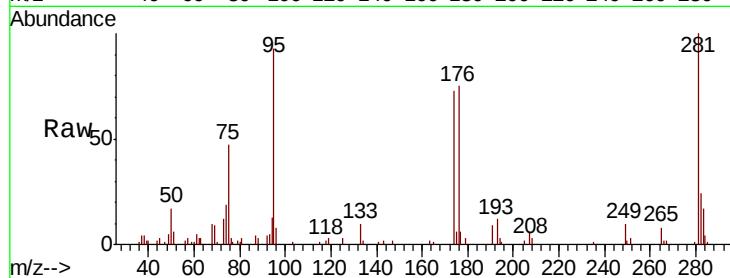




#62
4-Bromofluorobenzene
Concen: 16.785 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007278.D
Acq: 06 Dec 2018 13:27

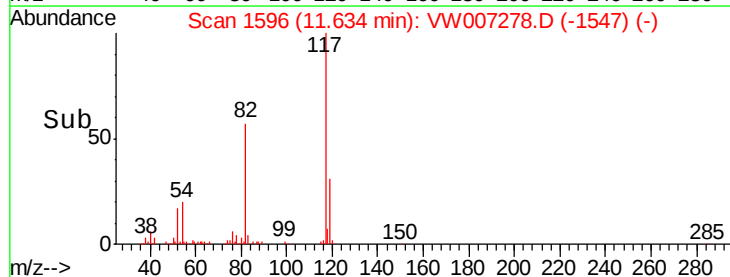
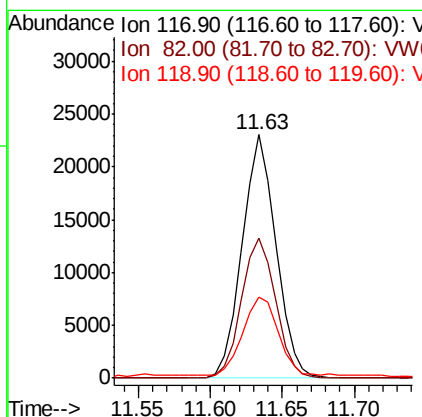
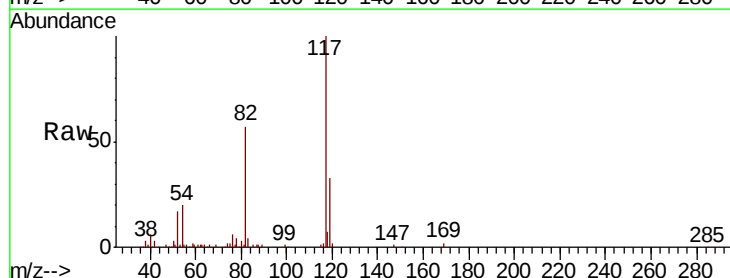
Instrument :
MSVOA_W
ClientSampleId :

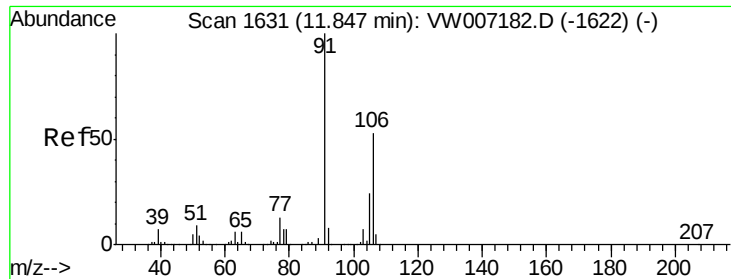
Tot Ion: 95 Resp: 9811
Ion Ratio Lower Upper
95 100
174 77.4 0.0 148.0
176 77.5 0.0 139.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007278.D
Acq: 06 Dec 2018 13:27

Tgt Ion: 117 Resp: 37411
Ion Ratio Lower Upper
117 100
82 57.5 47.4 71.2
119 32.1 26.8 40.2

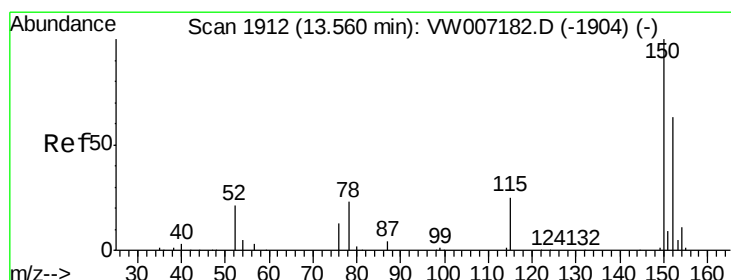
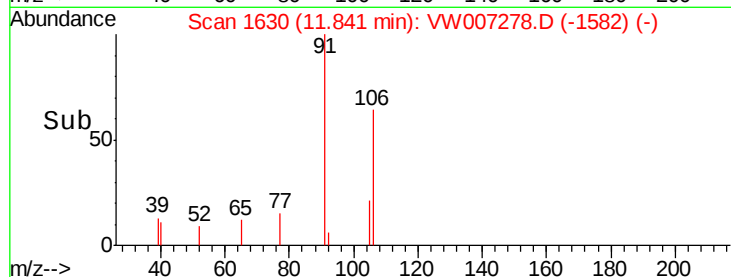
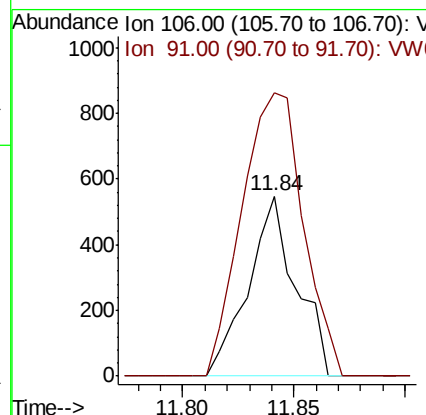
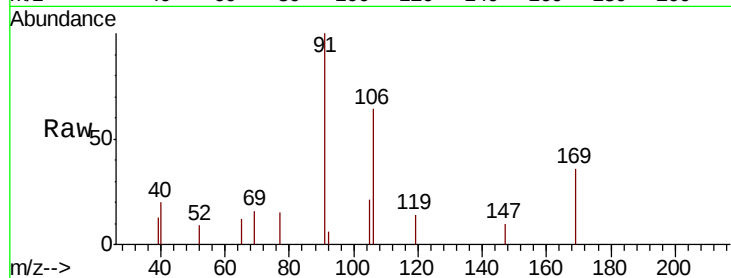




#68
m/p-Xvlenes
Concen: 1.363 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW007278.D
Acq: 06 Dec 2018 13:27

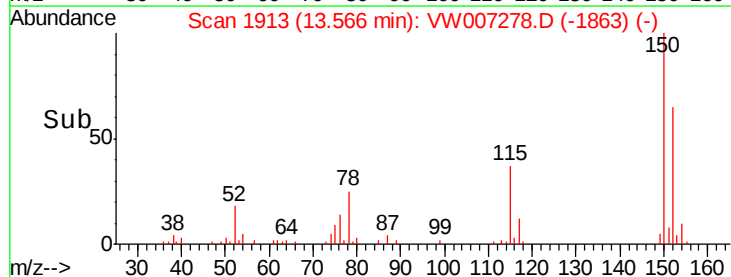
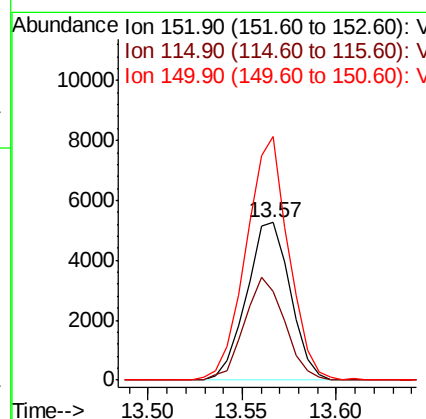
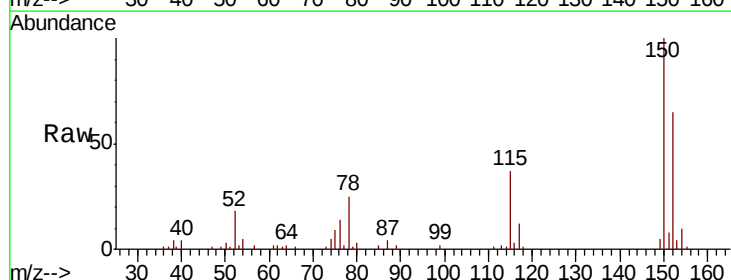
Instrument :
MSVOA_W
ClientSampled :

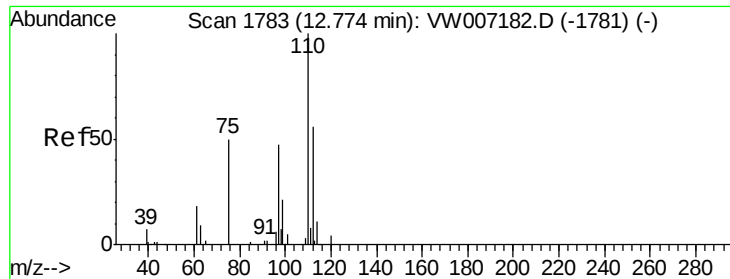
Tot Ion:106 Resp: 814
Ion Ratio Lower Upper
106 100
91 203.2 160.2 240.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007278.D
Acq: 06 Dec 2018 13:27

Tgt Ion:152 Resp: 8472
Ion Ratio Lower Upper
152 100
115 60.3 31.3 93.8
150 149.6 0.0 358.0





#76

1,2,3-Trichloropropane

Concen: 79.162 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007278.D

Acq: 06 Dec 2018 13:27

Instrument :

MSVOA_W

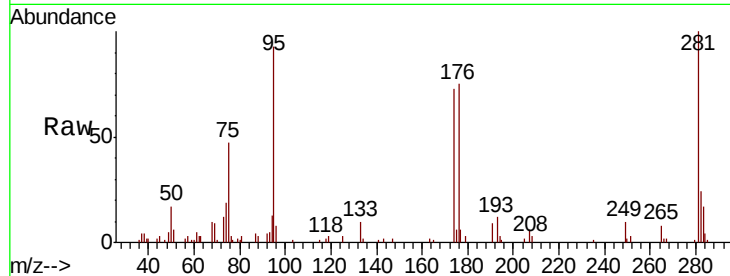
ClientSampleId :

Tot Ion: 75 Resp: 5193

Ion Ratio Lower Upper

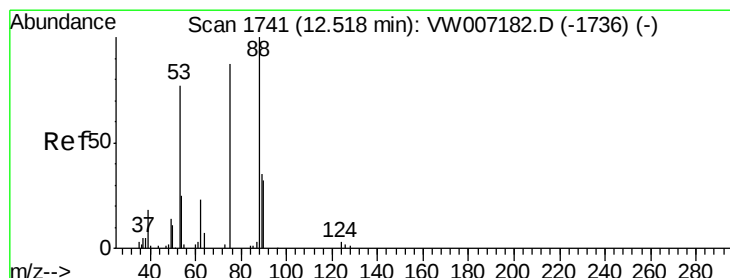
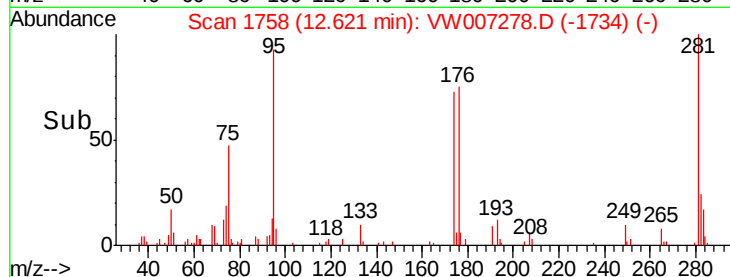
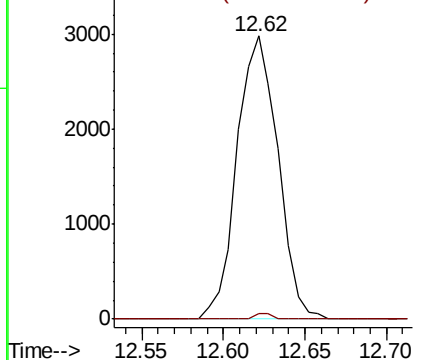
75 100

77 0.8 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: 170.623 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007278.D

Acq: 06 Dec 2018 13:27

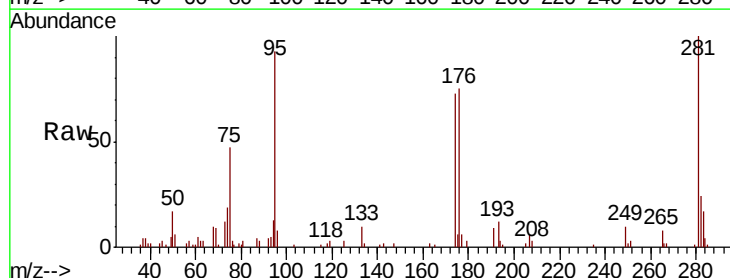
Tgt Ion: 75 Resp: 5193

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

