

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120618\
 Data File : VW007301.D
 Acq On : 07 Dec 2018 01:06
 Operator : SY/AP
 Sample : J6237-01
 Misc : 5.49G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 07 03:05:27 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	94460	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	157877	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	125671	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	46968	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	37885	43.08	ug/l	0.00
Spiked Amount			Recovery	=	86.16%	
35) Dibromofluoromethane	7.89	113	35184	38.92	ug/l	0.00
Spiked Amount			Recovery	=	77.84%	
50) Toluene-d8	10.33	98	135134	33.94	ug/l	0.00
Spiked Amount			Recovery	=	67.88%	
62) 4-Bromofluorobenzene	12.62	95	44650	29.71	ug/l	0.00
Spiked Amount			Recovery	=	59.42%	

Target Compounds

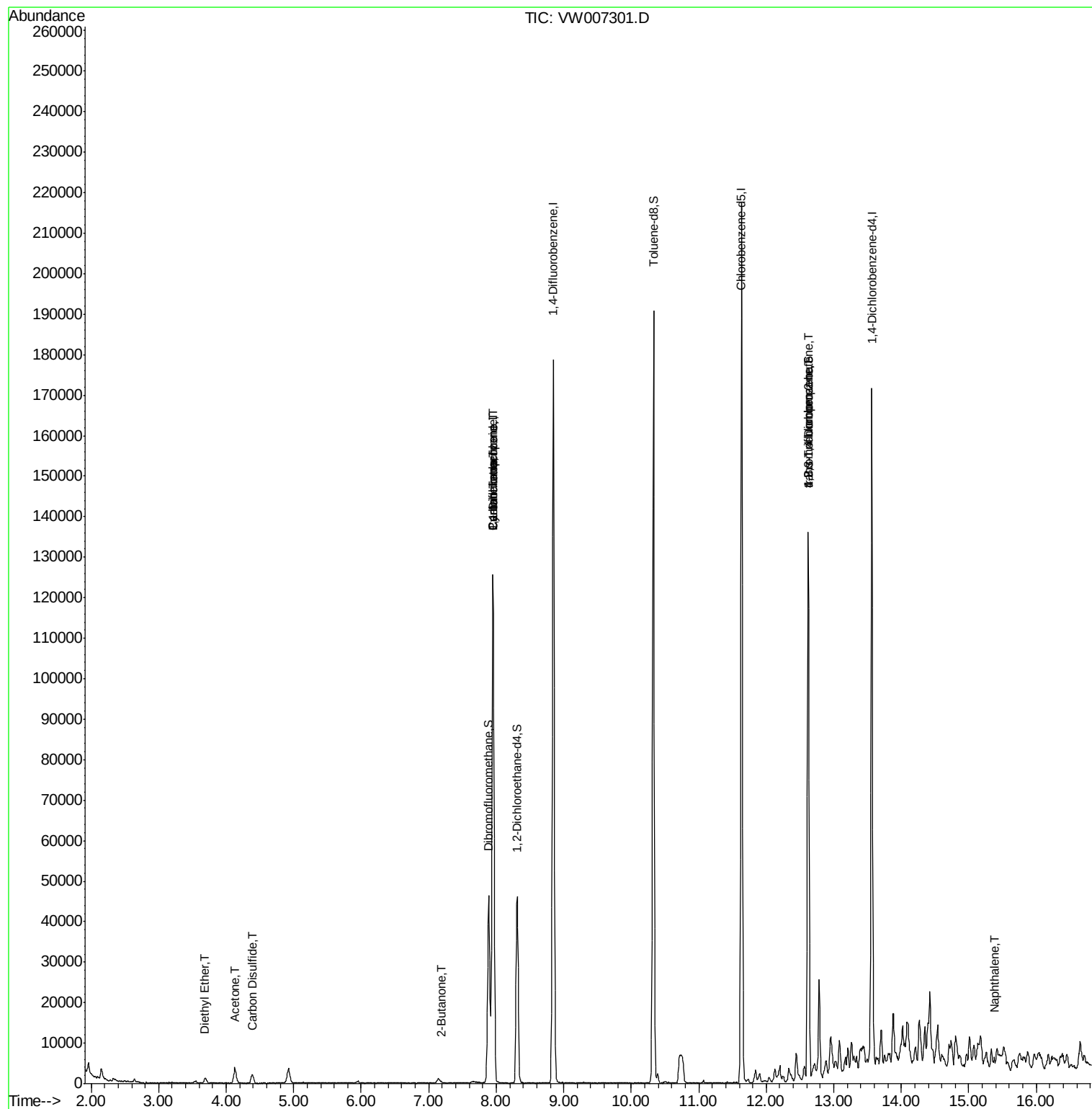
					Qvalue	
8) Diethyl Ether	3.68	74	742	1.666	ug/l	94
11) Tert butyl alcohol	5.16	59	118	Below Cal	#	75
16) Acetone	4.13	43	6940	33.334	ug/l	94
17) Carbon Disulfide	4.39	76	3680	1.234	ug/l	97
20) Methylene Chloride	4.92	84	2819	Below Cal		91
25) 2-Butanone	7.19	43	552	2.287	ug/l #	46
31) Cyclohexane	7.95	56	1885	1.080	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	6860	4.466	ug/l #	49
38) Carbon Tetrachloride	7.95	117	9950	6.346	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	22298	61.313	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	22298	132.150	ug/l #	13
95) Naphthalene	15.38	128	2660	1.462	ug/l #	95

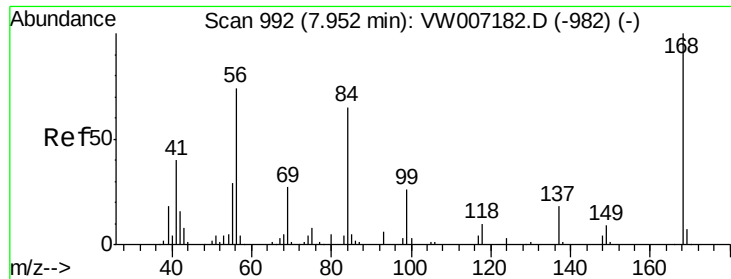
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 07 03:05:27 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: VW007301.D

Acq: 07 Dec 2018 01:06

Instrument :

MSVOA_W

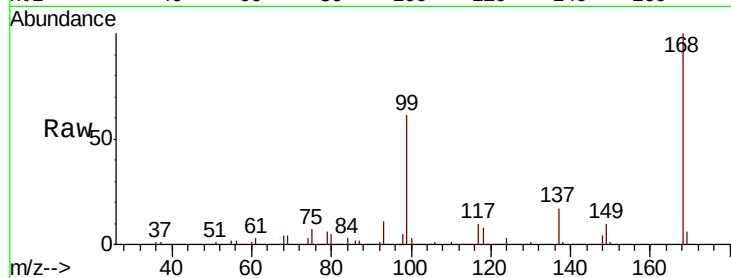
ClientSampled :

Tot Ion:168 Resp: 94460

Ion Ratio Lower Upper

168 100

99 61.1 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

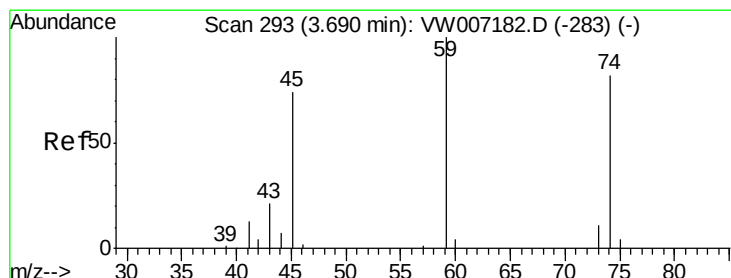
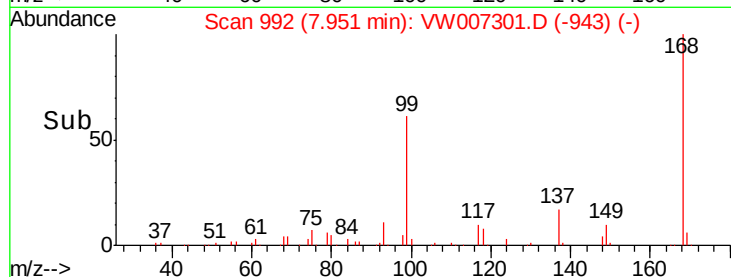
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#8

Diethyl Ether

Concen: 1.666 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW007301.D

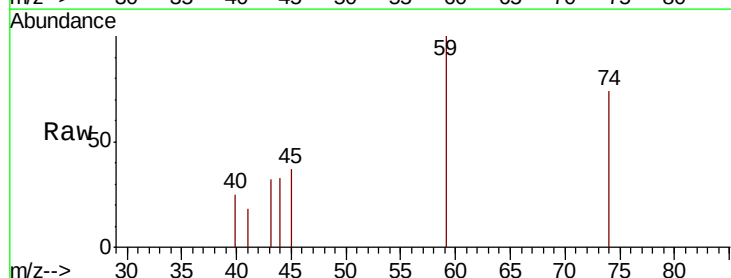
Acq: 07 Dec 2018 01:06

Tgt Ion: 74 Resp: 742

Ion Ratio Lower Upper

74 100

45 100.7 47.2 141.6



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

300

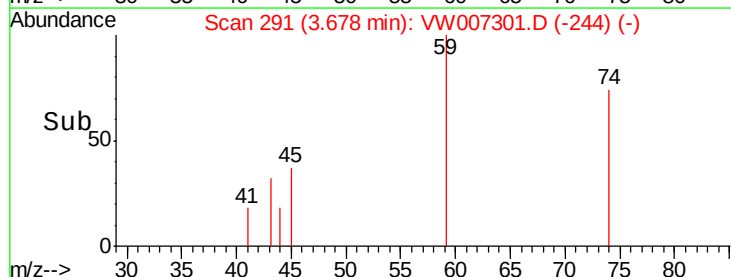
200

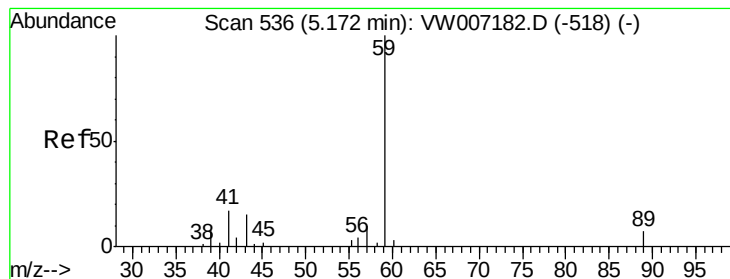
100

0

3.65 3.70 3.75

Time-->



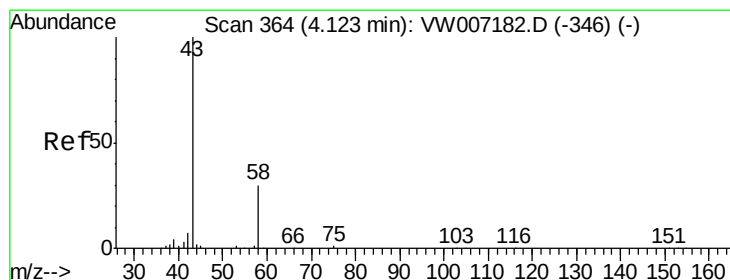
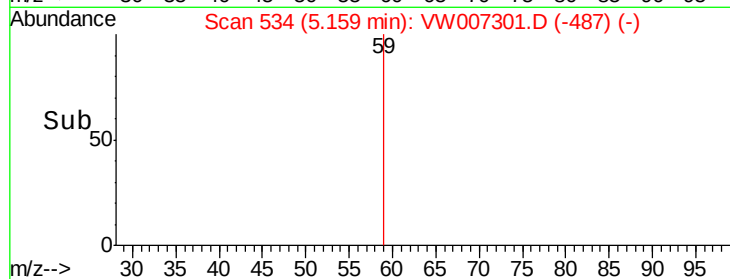
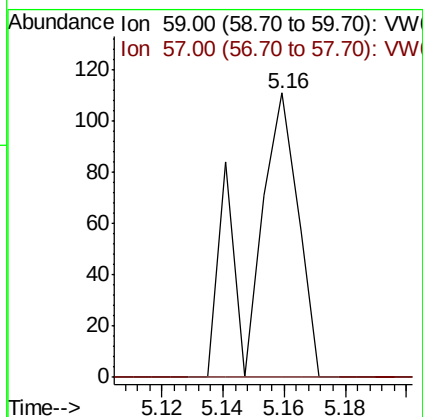
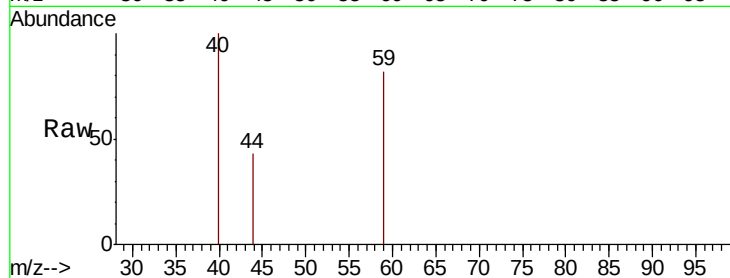


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.16 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: VW007301.D
 Acq: 07 Dec 2018 01:06

Instrument :
 MSVOA_W
 ClientSampleId :

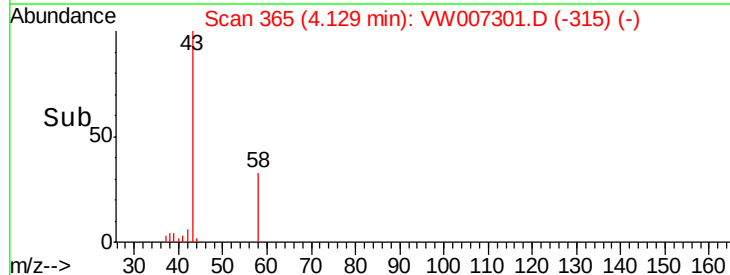
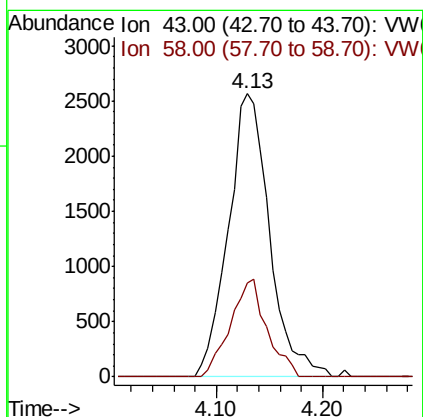
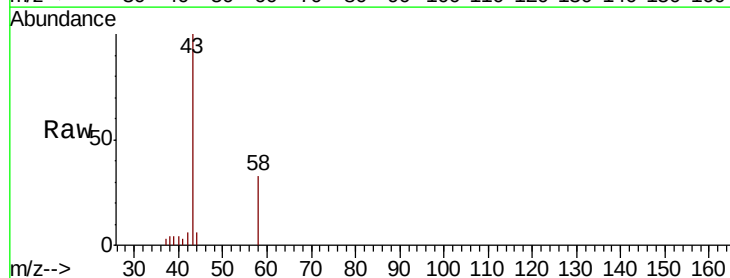
Tot Ion: 59 Resp: 118
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.1 10.7#

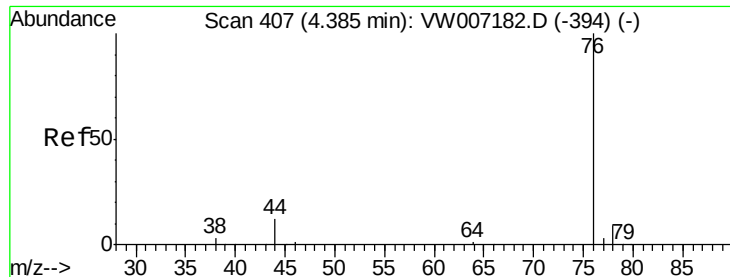


#16

Acetone
 Concen: 33.334 ug/l
 RT: 4.13 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VW007301.D
 Acq: 07 Dec 2018 01:06

Tgt Ion: 43 Resp: 6940
 Ion Ratio Lower Upper
 43 100
 58 33.1 23.8 35.8





#17

Carbon Disulfide

Concen: 1.234 ug/l

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW007301.D

Acq: 07 Dec 2018 01:06

Instrument :

MSVOA_W

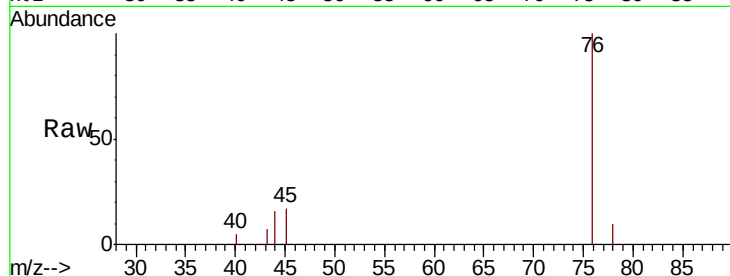
ClientSampleId :

Tot Ion: 76 Resp: 3680

Ion Ratio Lower Upper

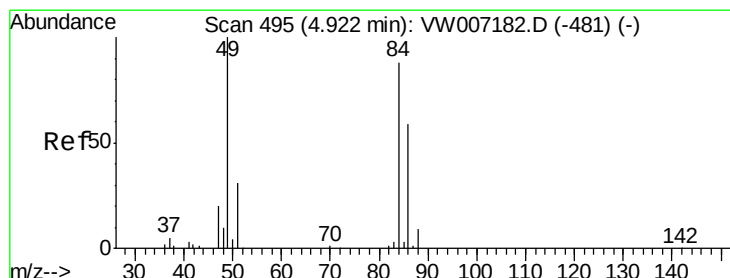
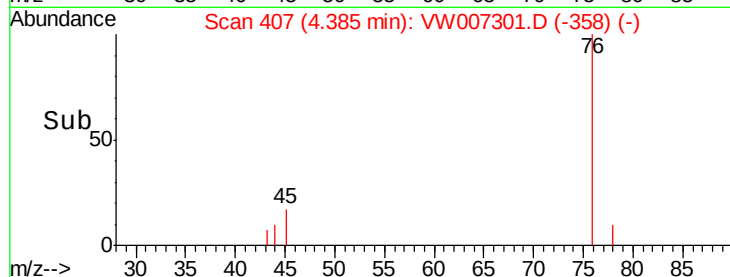
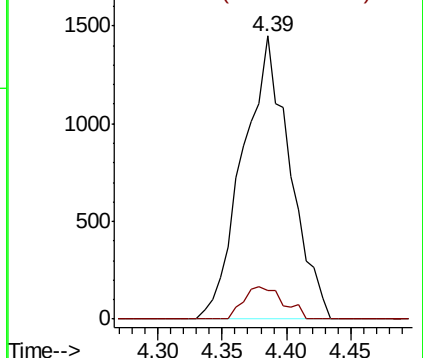
76 100

78 10.2 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW007301.D

Acq: 07 Dec 2018 01:06

Tgt Ion: 84 Resp: 2819

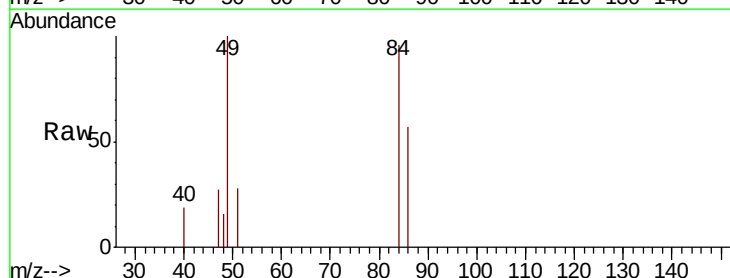
Ion Ratio Lower Upper

84 100

49 103.6 90.6 135.8

51 29.5 27.6 41.4

86 59.2 53.7 80.5

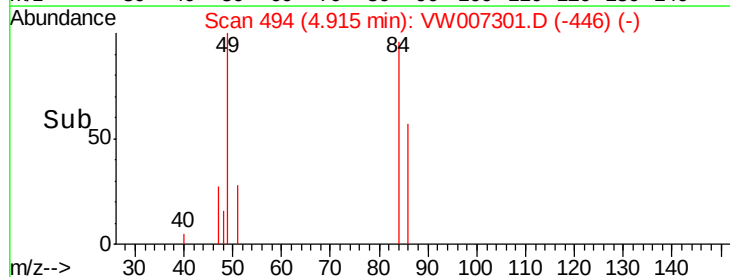
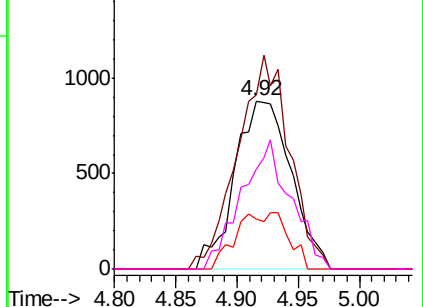


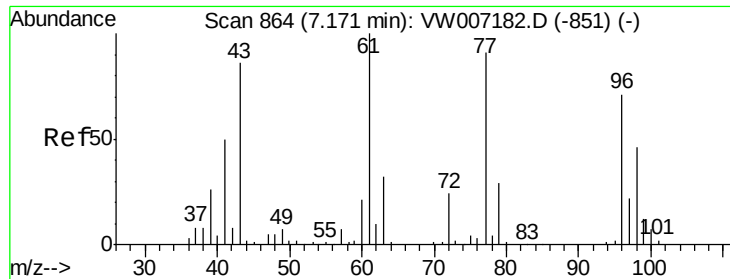
Abundance Ion 83.90 (83.60 to 84.60): VW

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





#25

2-Butanone

Concen: 2.287 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.02 min

Lab File: VW007301.D

Acq: 07 Dec 2018 01:06

Instrument :

MSVOA_W

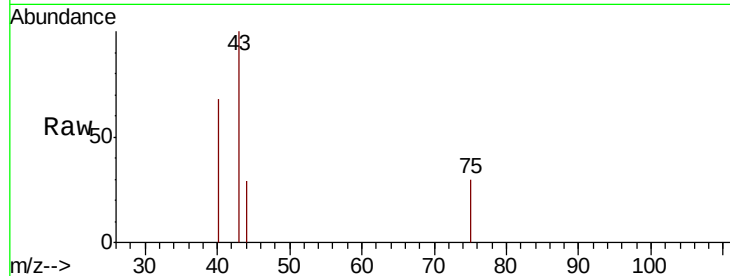
ClientSampled :

Tot Ion: 43 Resp: 552

Ion Ratio Lower Upper

43 100

72 0.0 22.8 34.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.19

250

200

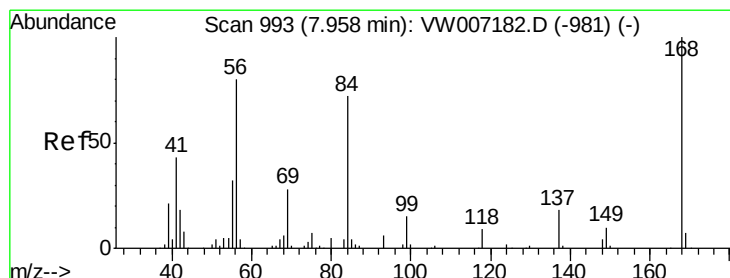
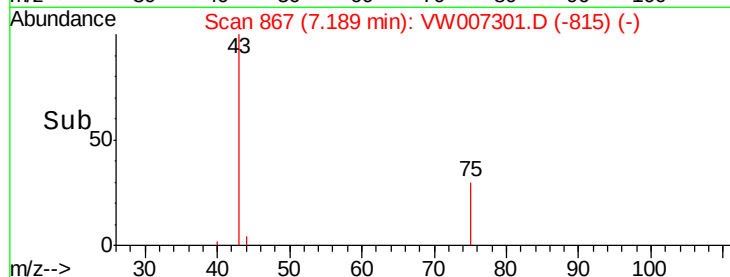
150

100

50

0

Time-->



#31

Cyclohexane

Concen: 1.080 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW007301.D

Acq: 07 Dec 2018 01:06

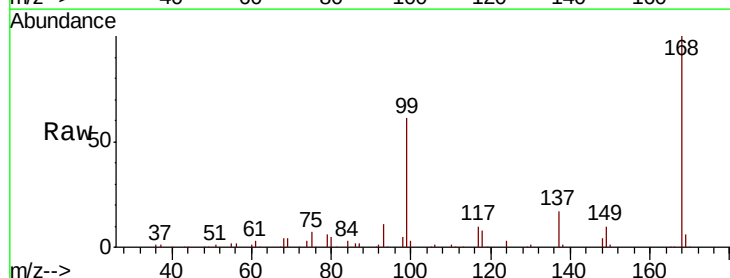
Tgt Ion: 56 Resp: 1885

Ion Ratio Lower Upper

56 100

69 181.6 28.2 42.2#

84 150.5 72.1 108.1#



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

2000

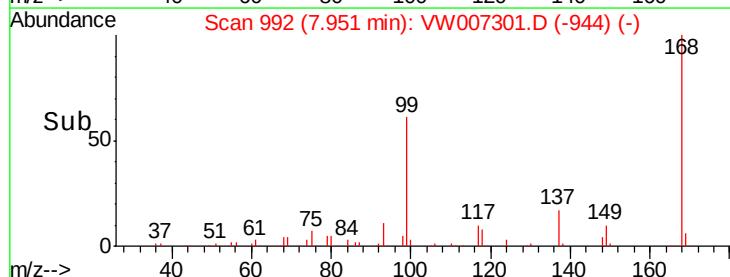
1500

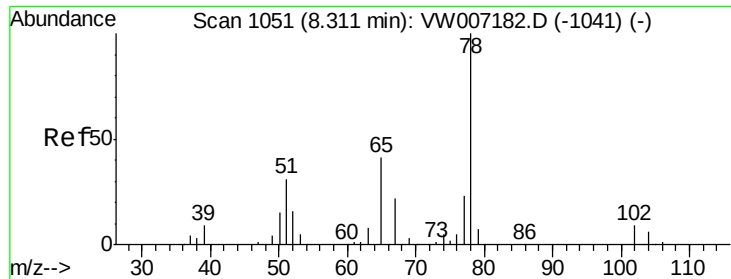
1000

500

0

Time-->

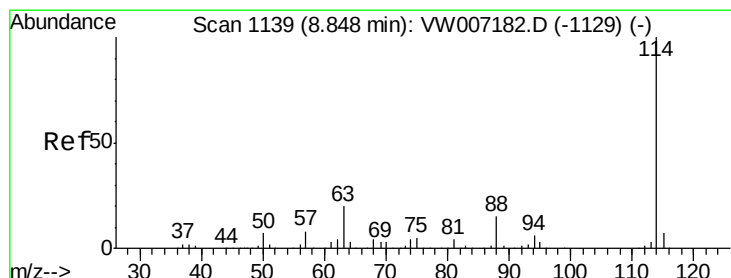
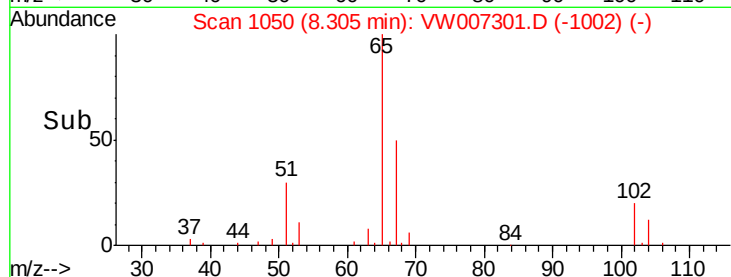
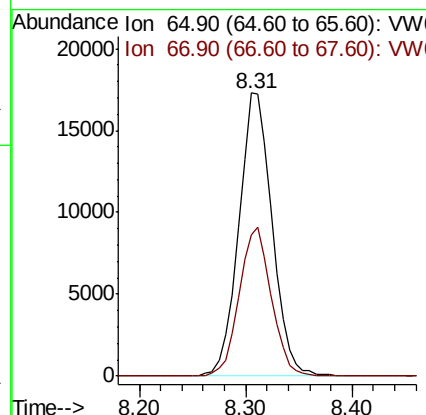
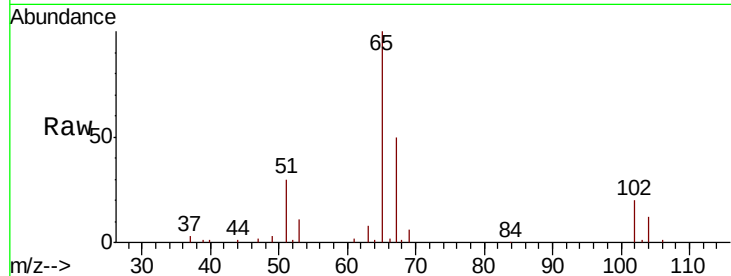




#33
 1,2-Dichloroethane-d4
 Concen: 43.077 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW007301.D
 Acq: 07 Dec 2018 01:06

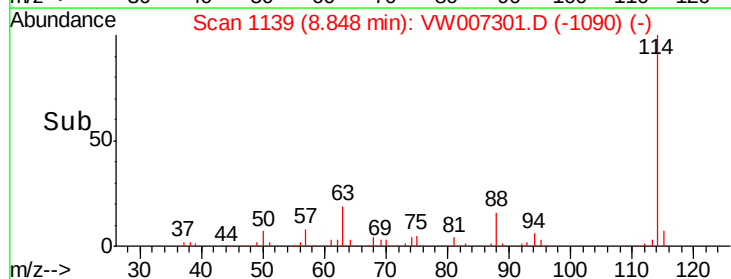
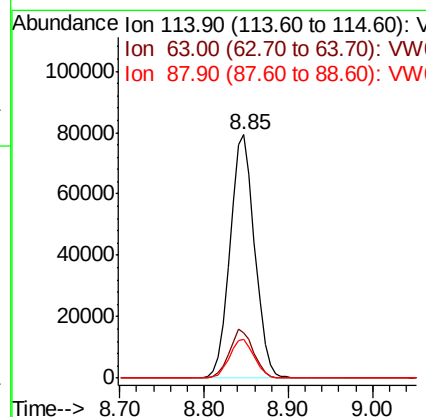
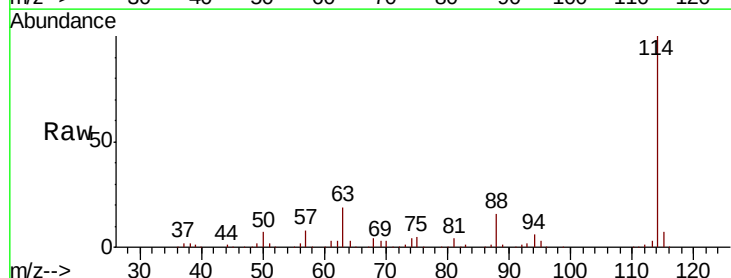
Instrument :
 MSVOA_W
 ClientSampleId :

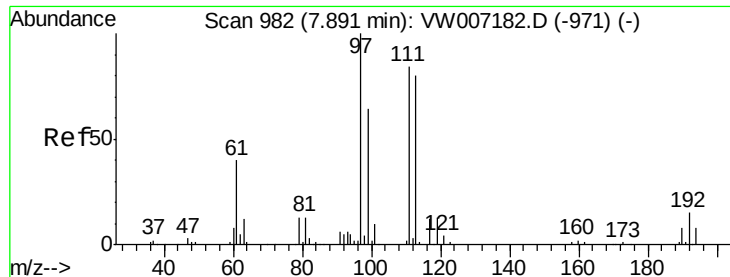
Tot Ion: 65 Resp: 37885
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007301.D
 Acq: 07 Dec 2018 01:06

Tgt Ion: 114 Resp: 157877
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 40.2
 88 15.7 0.0 30.0

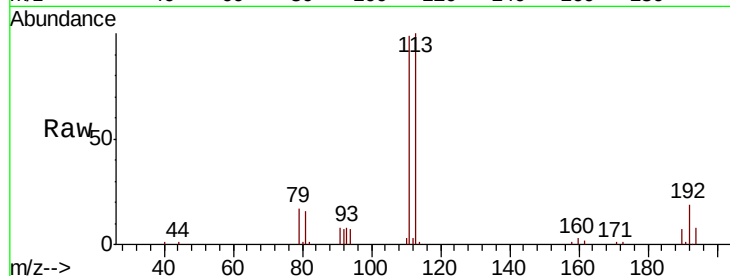




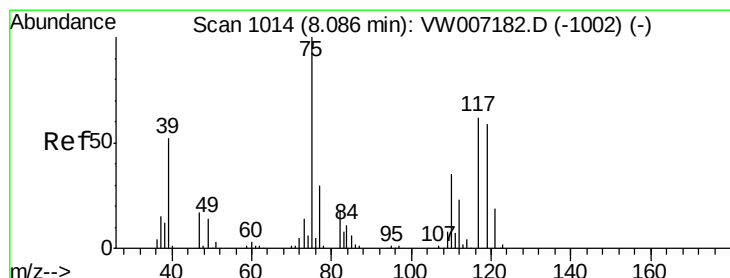
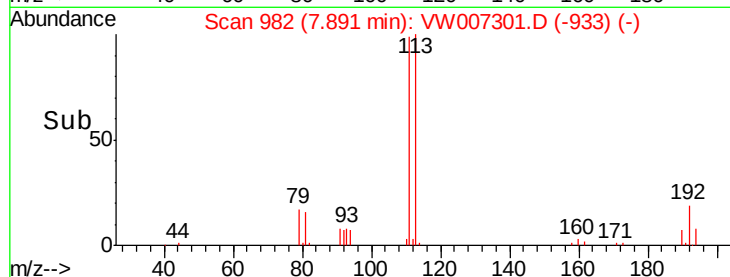
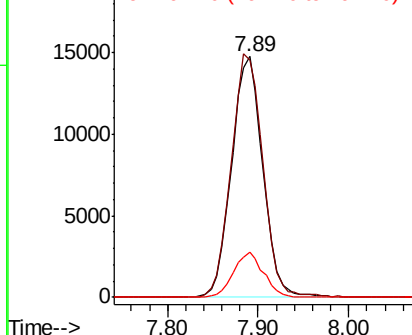
#35
 Dibromofluoromethane
 Concen: 38.920 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW007301.D
 Acq: 07 Dec 2018 01:06

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:113 Resp: 35184
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.2 123.4
 192 18.0 14.4 21.6

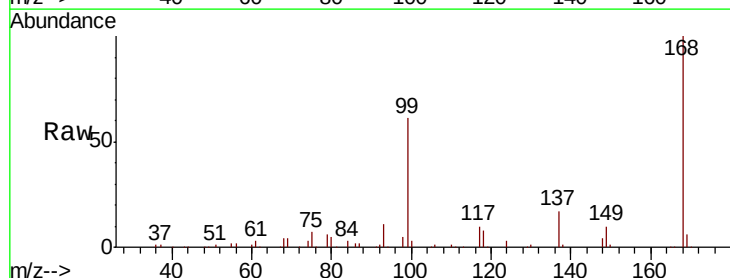


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

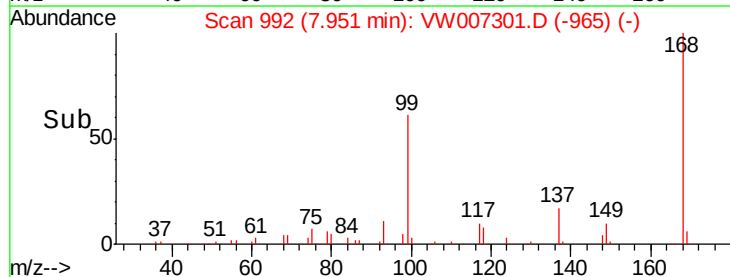
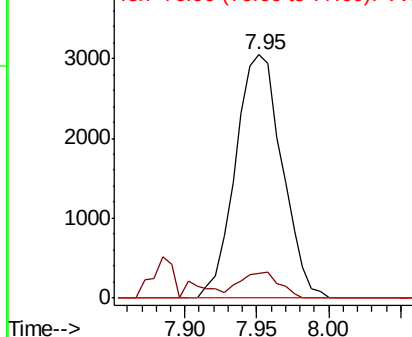


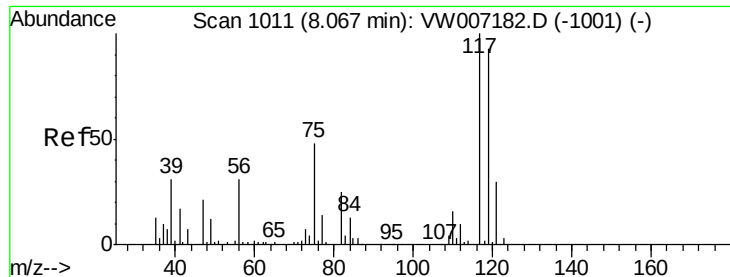
#36
 1,1-Dichloropropene
 Concen: 4.466 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007301.D
 Acq: 07 Dec 2018 01:06

Tgt Ion: 75 Resp: 6860
 Ion Ratio Lower Upper
 75 100
 110 9.0 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

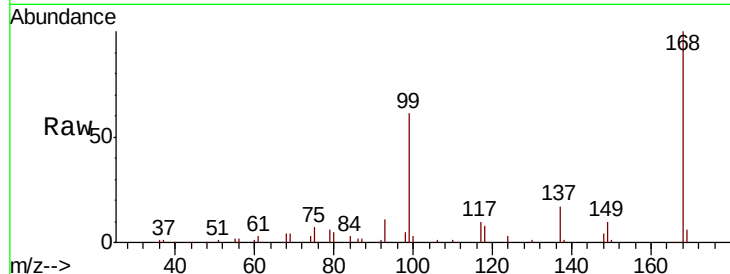




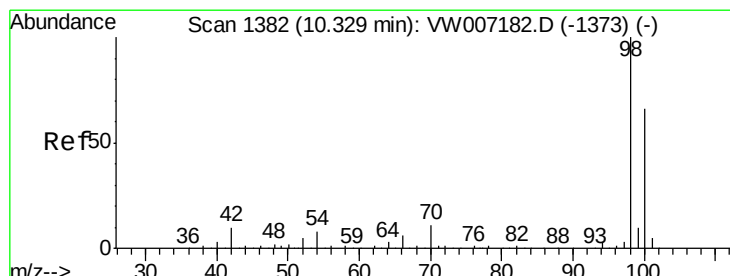
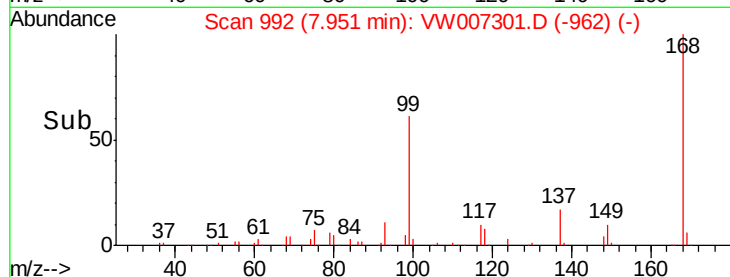
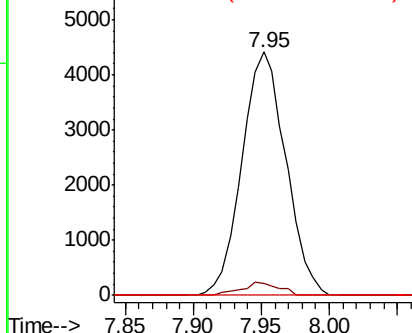
#38
Carbon Tetrachloride
Concen: 6.346 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW007301.D
Acq: 07 Dec 2018 01:06

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 9950
Ion Ratio Lower Upper
117 100
119 4.8 74.1 111.1#
121 0.0 23.9 35.9#

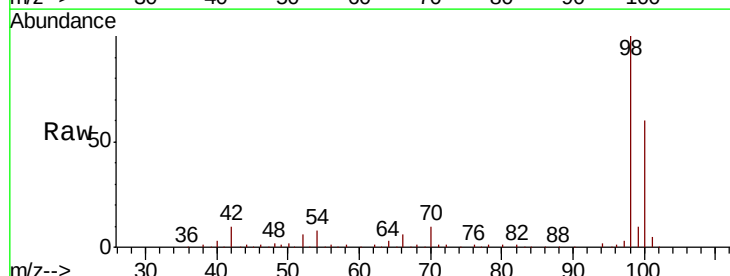


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

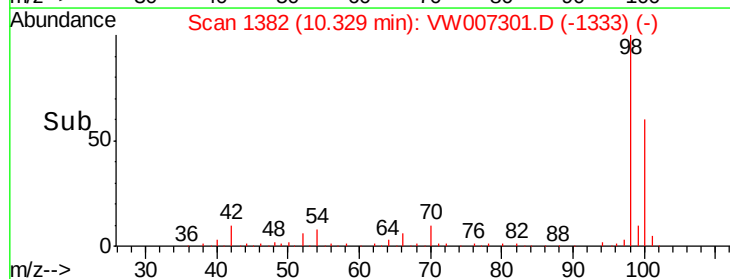
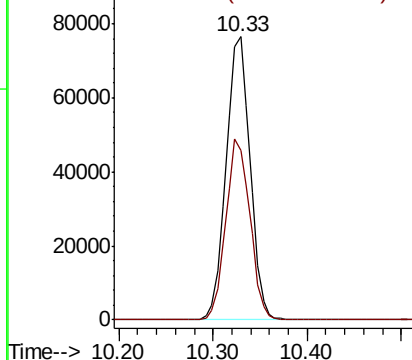


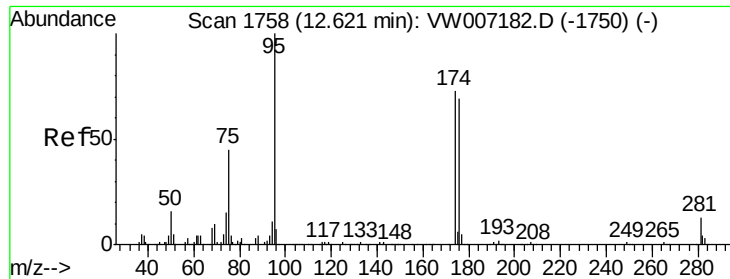
#50
Toluene-d8
Concen: 33.935 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW007301.D
Acq: 07 Dec 2018 01:06

Tgt Ion: 98 Resp: 135134
Ion Ratio Lower Upper
98 100
100 64.2 52.7 79.1



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

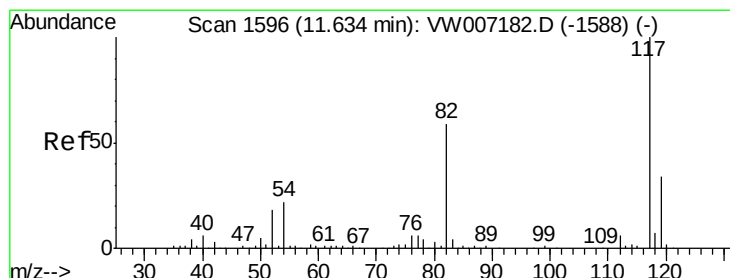
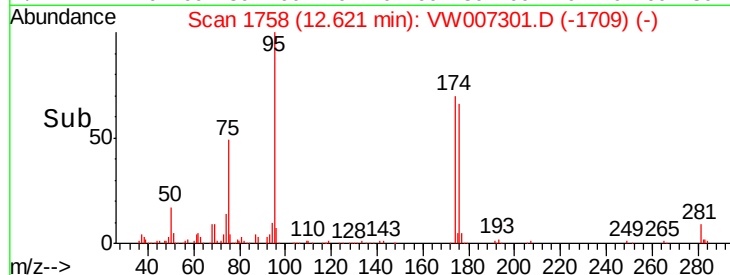
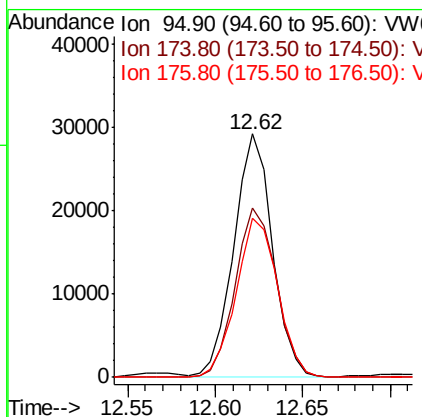
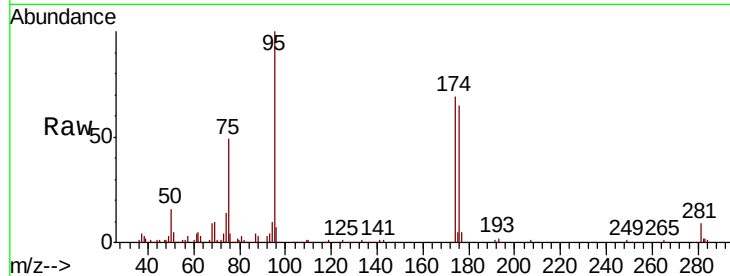




#62
4-Bromofluorobenzene
Concen: 29.707 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007301.D
Acq: 07 Dec 2018 01:06

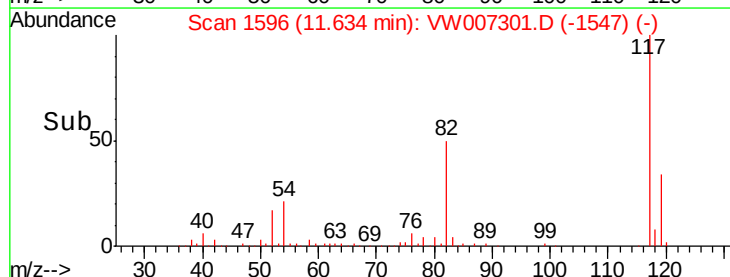
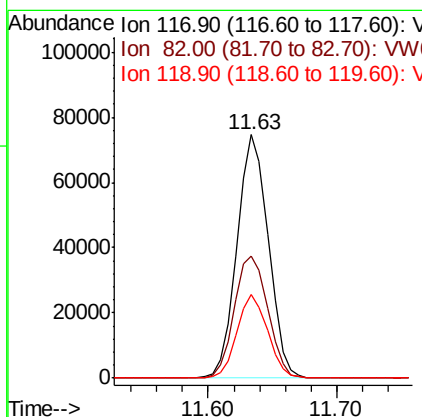
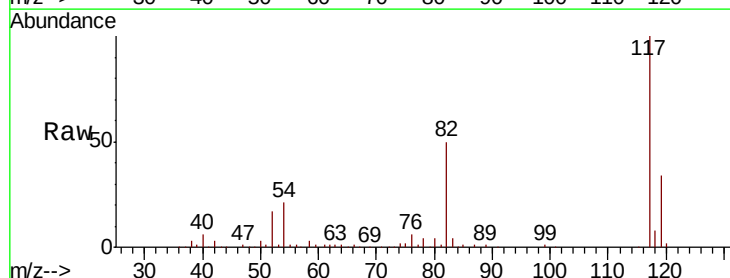
Instrument :
MSVOA_W
ClientSampled :

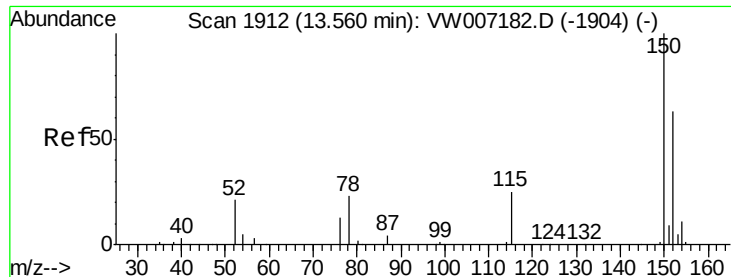
Tot Ion: 95 Resp: 44650
Ion Ratio Lower Upper
95 100
174 74.5 0.0 148.0
176 70.3 0.0 139.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007301.D
Acq: 07 Dec 2018 01:06

Tgt Ion: 117 Resp: 125671
Ion Ratio Lower Upper
117 100
82 50.2 47.4 71.2
119 34.2 26.8 40.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007301.D

Acq: 07 Dec 2018 01:06

Instrument :

MSVOA_W

ClientSampleId :

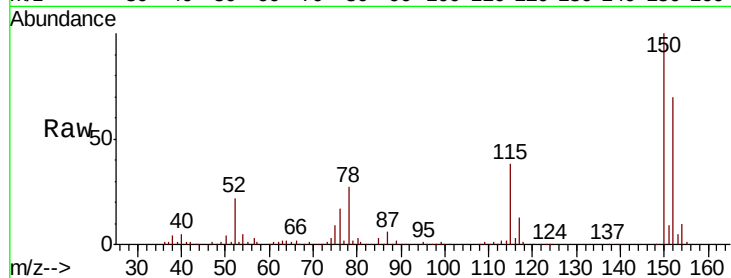
Tot Ion:152 Resp: 46968

Ion Ratio Lower Upper

152 100

115 58.6 31.3 93.8

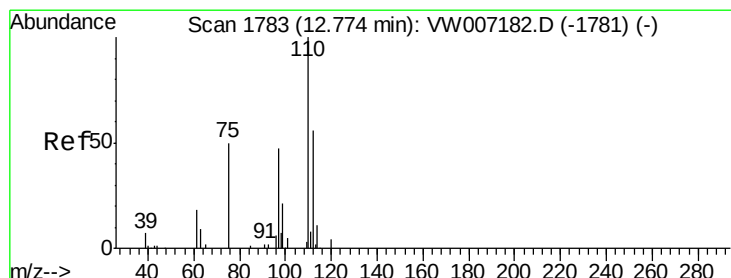
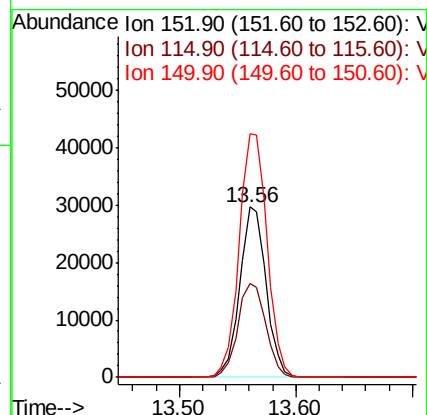
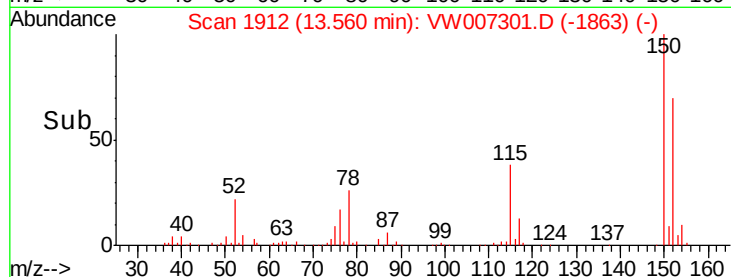
150 151.1 0.0 358.0



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: 61.313 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007301.D

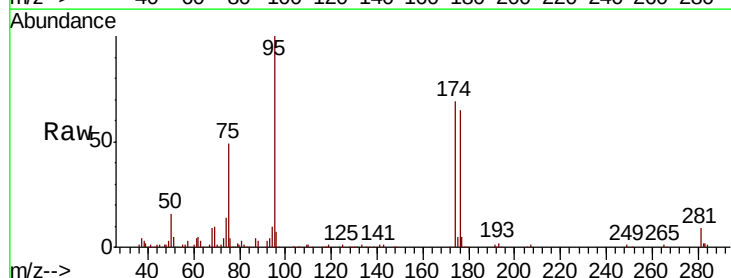
Acq: 07 Dec 2018 01:06

Tgt Ion: 75 Resp: 22298

Ion Ratio Lower Upper

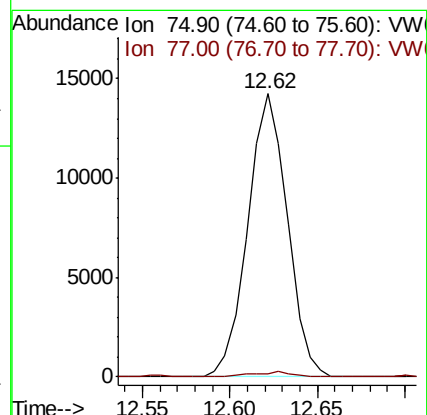
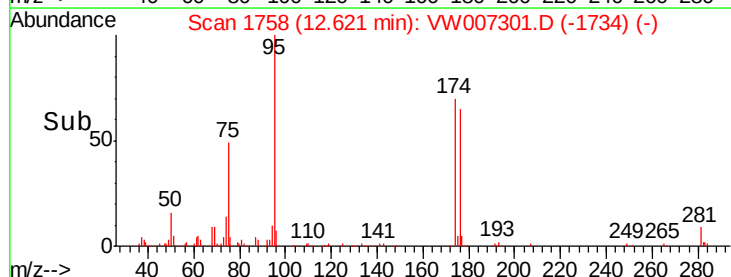
75 100

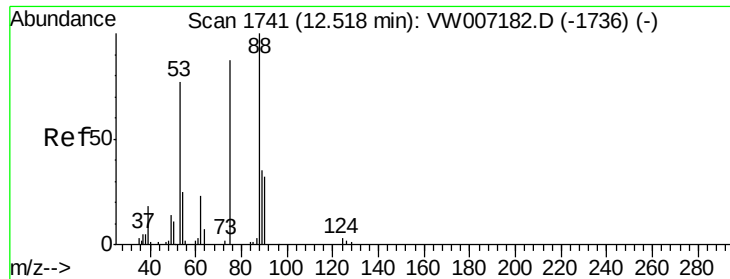
77 1.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

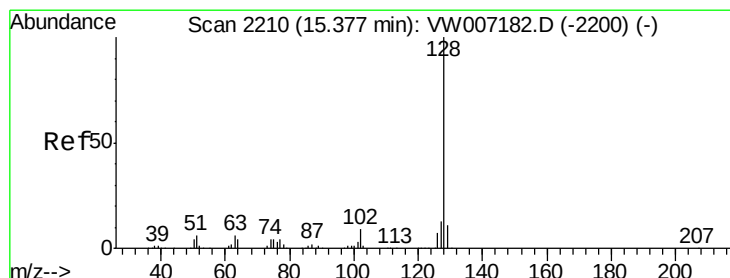
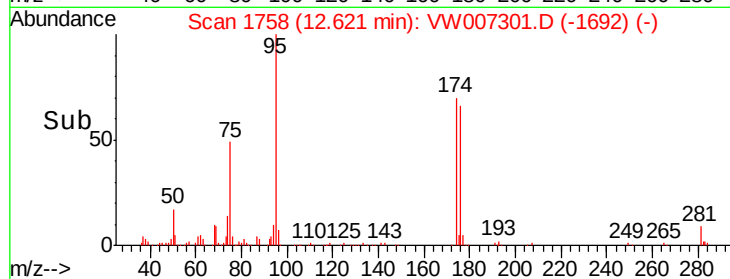
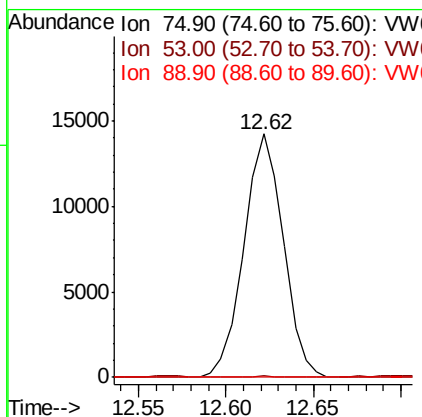
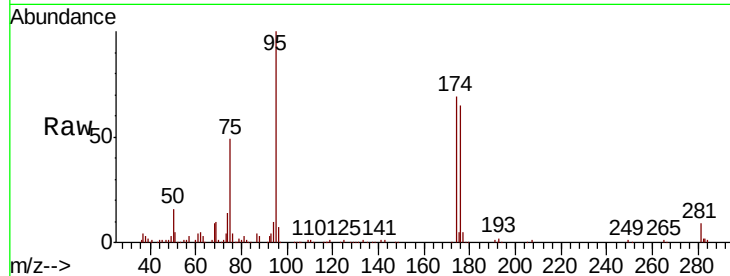




#81
trans-1,4-Dichloro-2-butene
Concen: 132.150 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.10 min
Lab File: VW007301.D
Acq: 07 Dec 2018 01:06

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 75 Resp: 22298
Ion Ratio Lower Upper
75 100
53 0.1 72.8 109.2#
89 0.0 36.4 54.6#



#95
Naphthalene
Concen: 1.462 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007301.D
Acq: 07 Dec 2018 01:06

Tgt Ion: 128 Resp: 2660
Ion Ratio Lower Upper
128 100
127 9.9 10.3 15.5#
129 10.0 8.6 13.0

