

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112018\
 Data File : VW006954.D
 Acq On : 19 Nov 2018 20:34
 Operator : SY/AP
 Sample : J5981-01
 Misc : 5.26G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DTW-01(6-10)

Quant Time: Nov 20 04:35:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 17 04:45:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	101219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	164178	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	147134	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	59744	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	59497	52.74	ug/l	0.00
Spiked Amount			Recovery	=	105.48%	
35) Dibromofluoromethane	7.89	113	52770	54.89	ug/l	0.00
Spiked Amount			Recovery	=	109.78%	
50) Toluene-d8	10.33	98	204052	49.39	ug/l	0.00
Spiked Amount			Recovery	=	98.78%	
62) 4-Bromofluorobenzene	12.62	95	75315	46.76	ug/l	0.00
Spiked Amount			Recovery	=	93.52%	

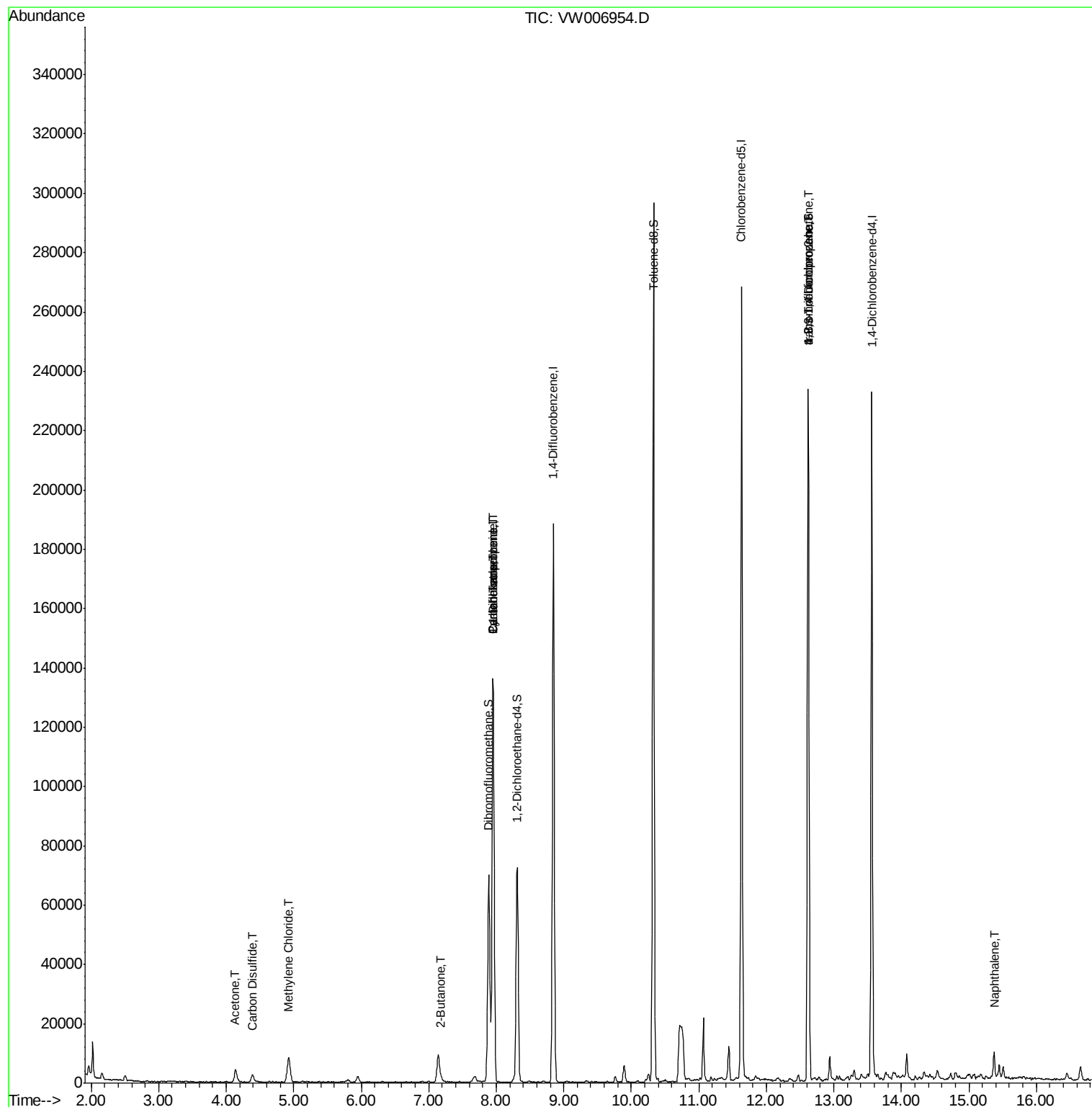
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	7566	43.850	ug/l #	88
17) Carbon Disulfide	4.39	76	4956	1.680	ug/l	96
20) Methylene Chloride	4.93	84	6854	2.567	ug/l	97
25) 2-Butanone	7.18	43	2537	8.854	ug/l #	79
31) Cyclohexane	7.95	56	2079	1.076	ug/l #	5
36) 1,1-Dichloropropene	7.95	75	8311	5.314	ug/l #	48
38) Carbon Tetrachloride	7.95	117	10431	6.786	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	36894	76.844	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	36894	174.924	ug/l #	10
95) Naphthalene	15.38	128	8218	3.697	ug/l	99

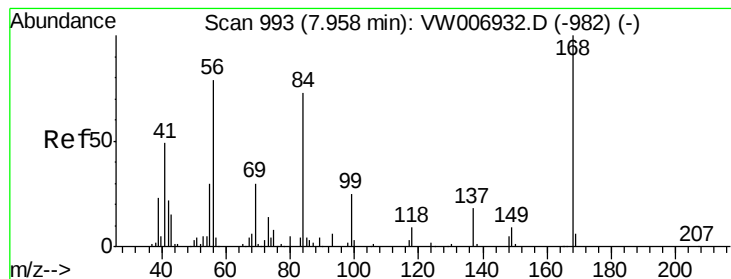
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Nov 17 04:45:18 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006954.D

Acq: 19 Nov 2018 20:34

Instrument :

MSVOA_W

ClientSampleId :

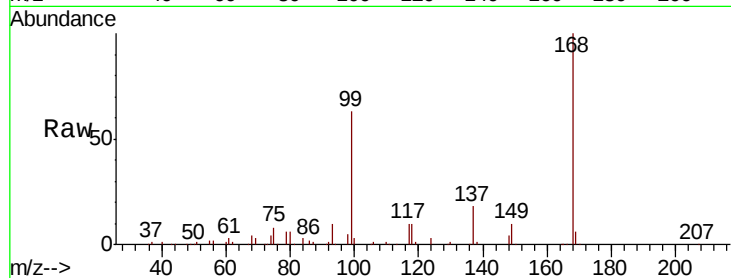
DTW-01(6-10)

Tot Ion:168 Resp: 101219

Ion Ratio Lower Upper

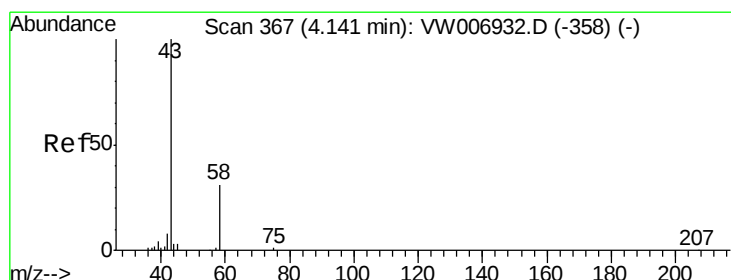
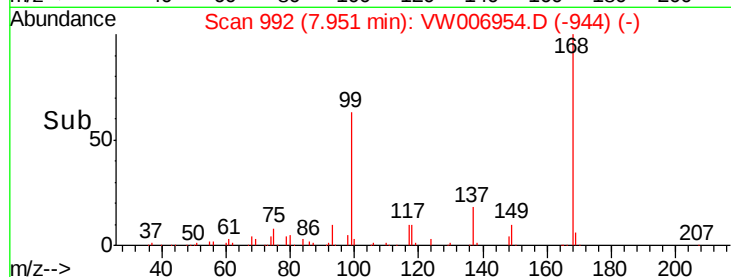
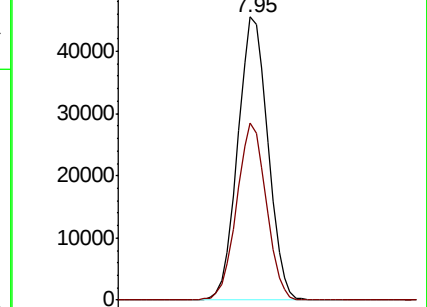
168 100

99 62.5 49.3 73.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 43.850 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW006954.D

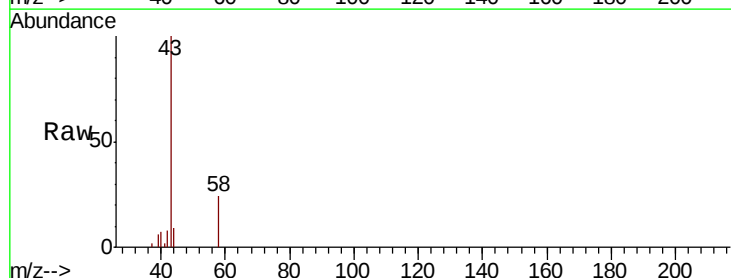
Acq: 19 Nov 2018 20:34

Tgt Ion: 43 Resp: 7566

Ion Ratio Lower Upper

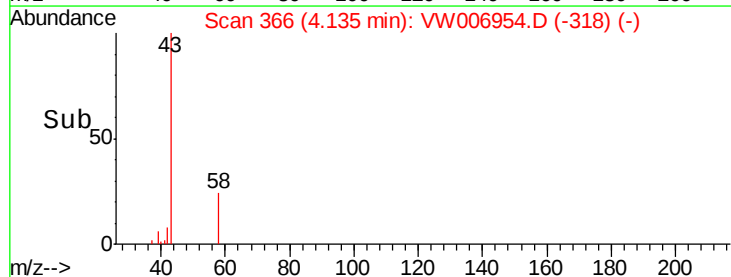
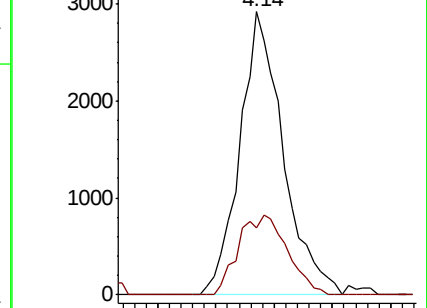
43 100

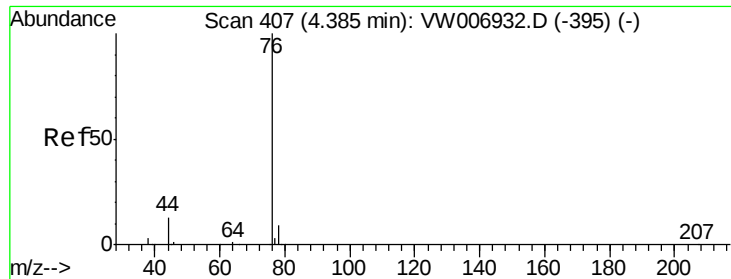
58 23.9 24.2 36.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 1.680 ug/l

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW006954.D

Acq: 19 Nov 2018 20:34

Instrument :

MSVOA_W

ClientSampleId :

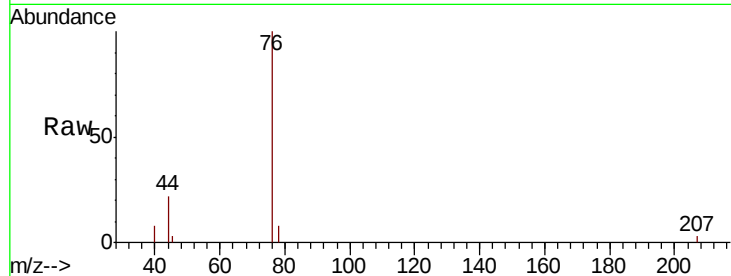
DTW-01(6-10)

Tot Ion: 76 Resp: 4956

Ion Ratio Lower Upper

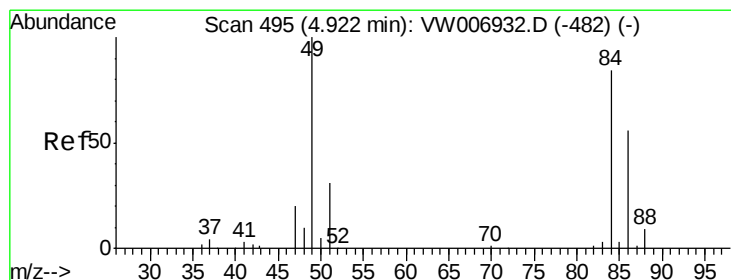
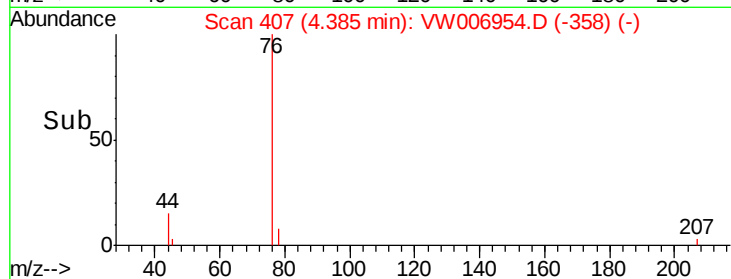
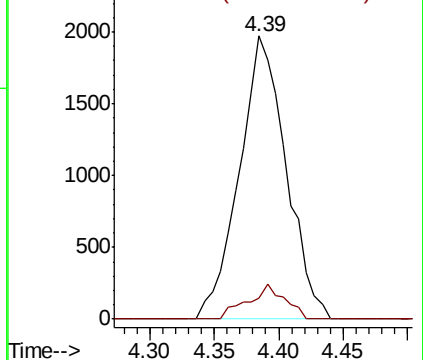
76 100

78 7.6 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#20

Methylene Chloride

Concen: 2.567 ug/l

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW006954.D

Acq: 19 Nov 2018 20:34

Tgt Ion: 84 Resp: 6854

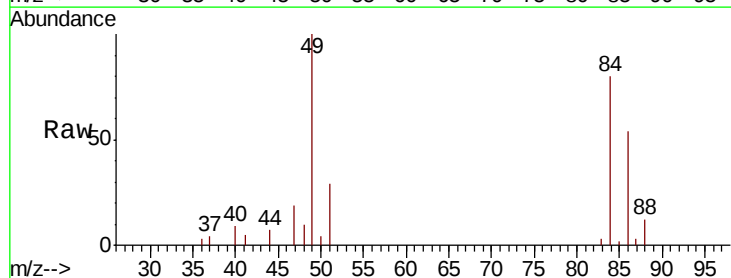
Ion Ratio Lower Upper

84 100

49 124.5 95.4 143.2

51 35.9 29.5 44.3

86 67.5 53.4 80.2

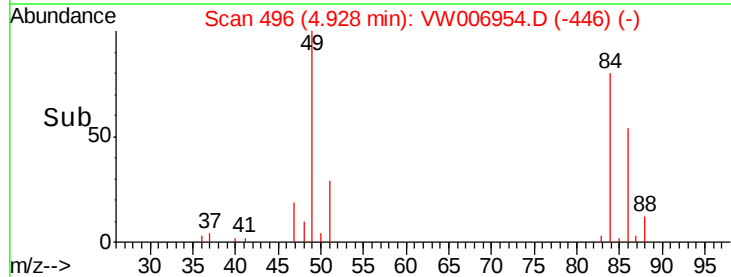
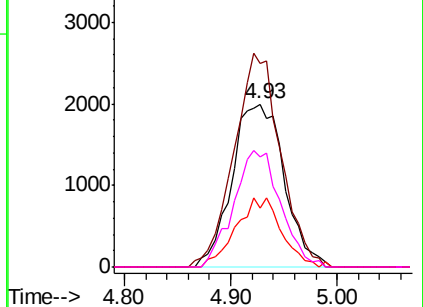


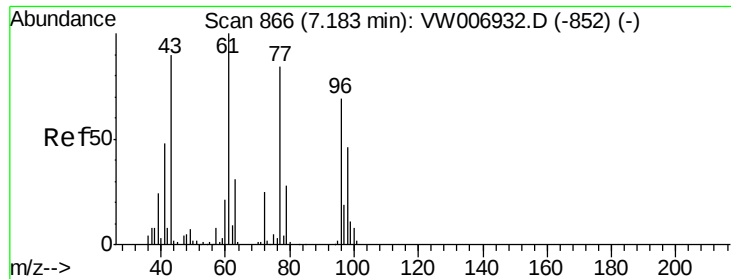
Abundance Ion 83.90 (83.60 to 84.60): VW

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





#25

2-Butanone

Concen: 8.854 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW006954.D

Acq: 19 Nov 2018 20:34

Instrument :

MSVOA_W

ClientSampleId :

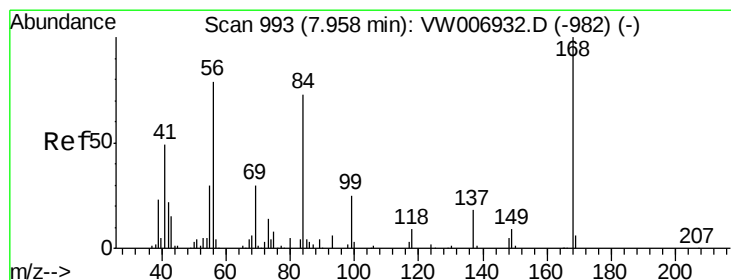
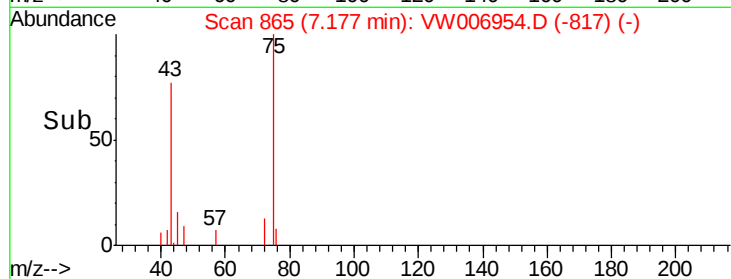
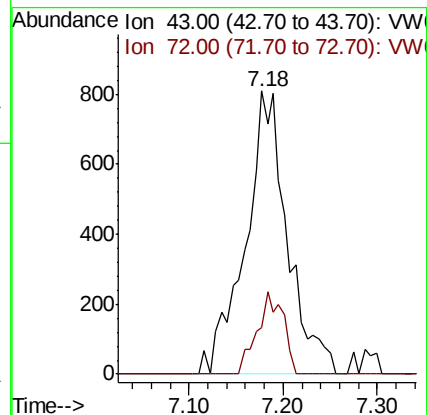
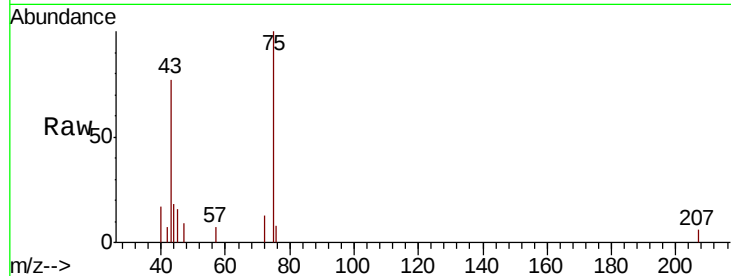
DTW-01(6-10)

Tot Ion: 43 Resp: 2537

Ion Ratio Lower Upper

43 100

72 16.6 22.1 33.1#



#31

Cyclohexane

Concen: 1.076 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006954.D

Acq: 19 Nov 2018 20:34

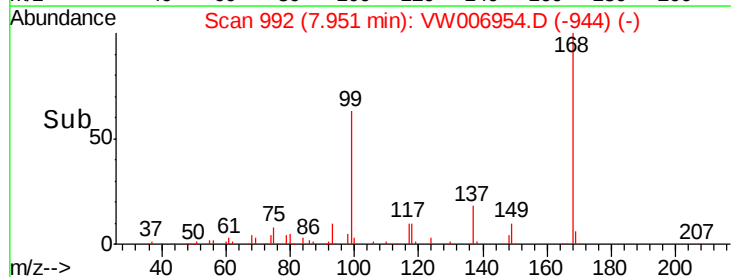
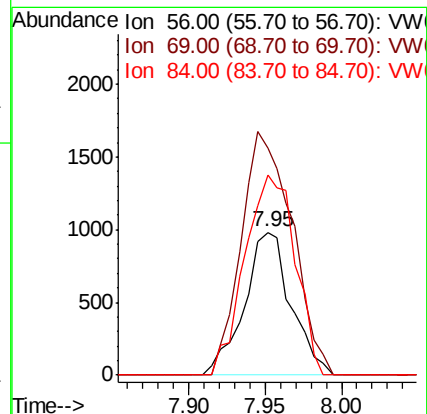
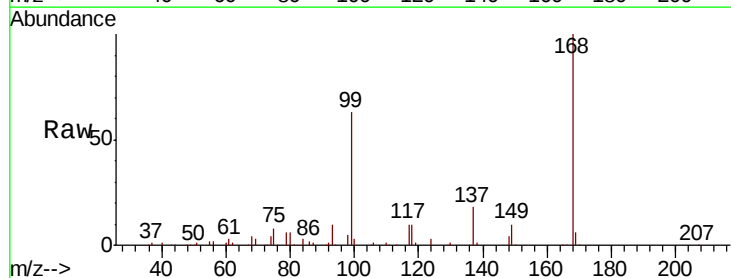
Tgt Ion: 56 Resp: 2079

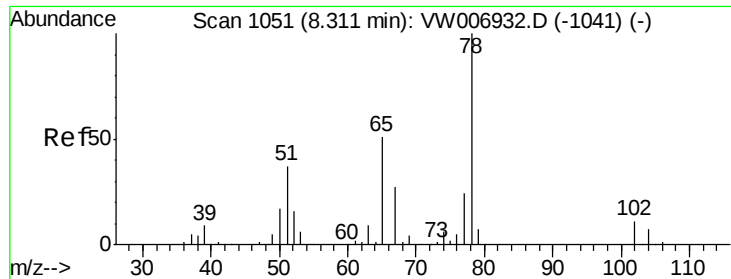
Ion Ratio Lower Upper

56 100

69 159.2 30.2 45.2#

84 140.3 73.6 110.4#





#33

1,2-Dichloroethane-d4

Concen: 52.744 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006954.D

Acq: 19 Nov 2018 20:34

Instrument :

MSVOA_W

ClientSampleId :

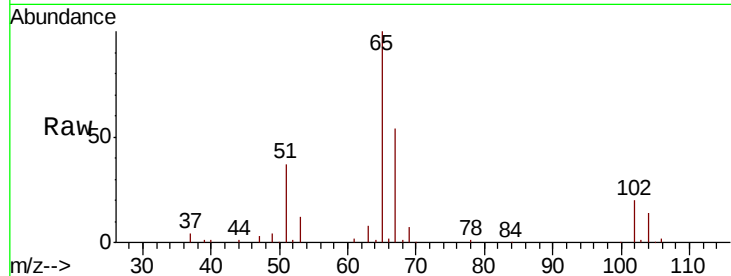
DTW-01(6-10)

Tot Ion: 65 Resp: 59497

Ion Ratio Lower Upper

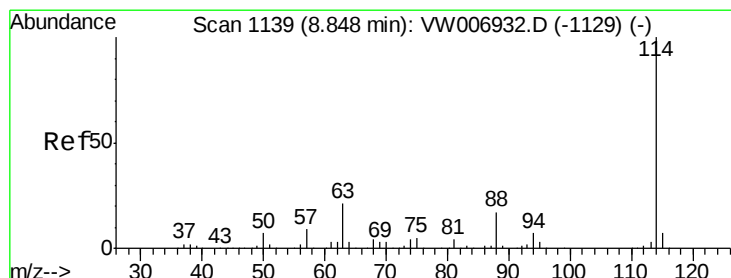
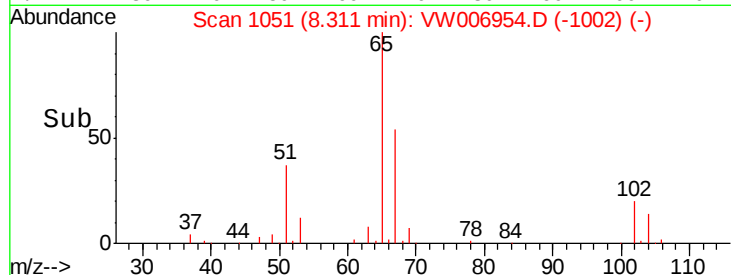
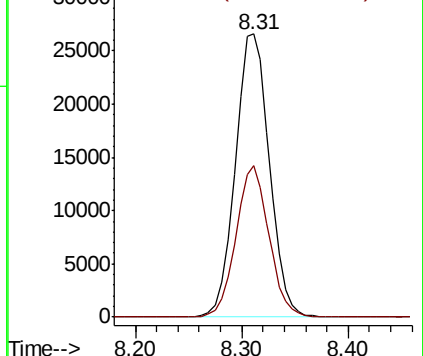
65 100

67 51.8 0.0 104.0



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: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW006954.D

Acq: 19 Nov 2018 20:34

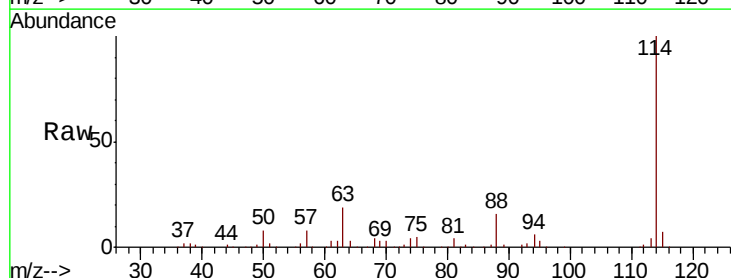
Tgt Ion: 114 Resp: 164178

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.2

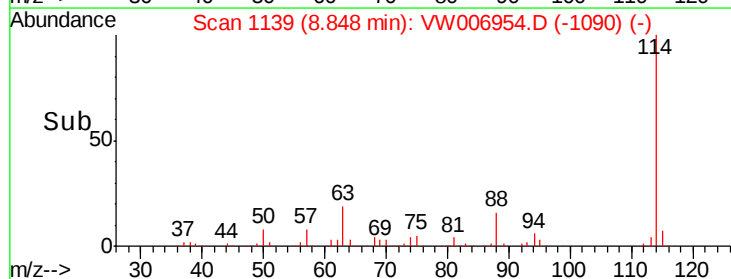
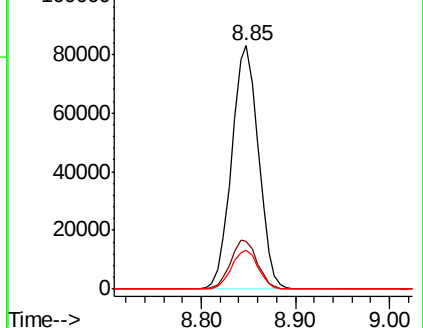
88 15.9 0.0 33.4

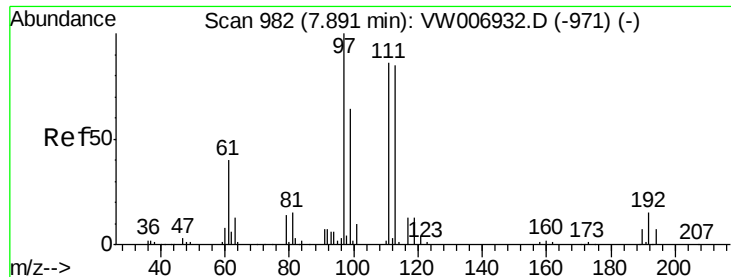


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

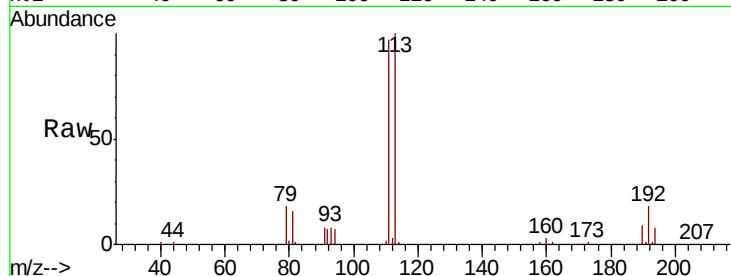




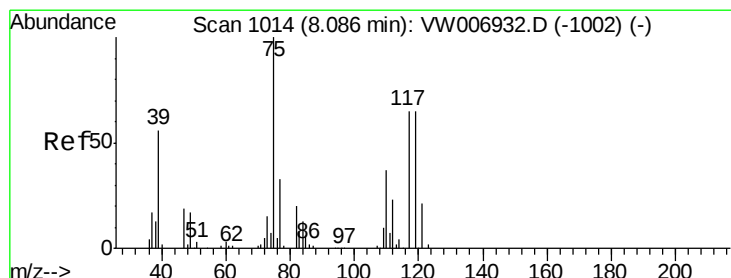
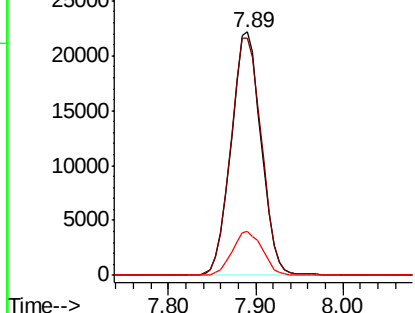
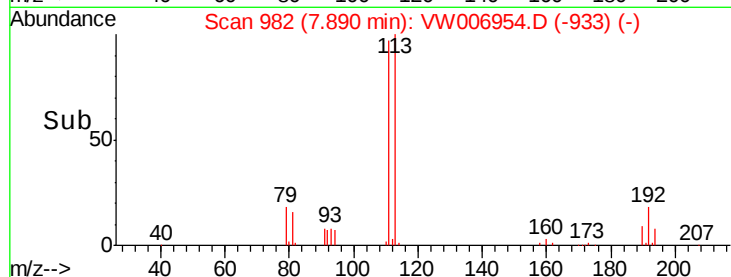
#35
 Dibromofluoromethane
 Concen: 54.894 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006954.D
 Acq: 19 Nov 2018 20:34

Instrument :
 MSVOA_W
 ClientSampleId :
 DTW-01(6-10)

Tot Ion:113 Resp: 52770
 Ion Ratio Lower Upper
 113 100
 111 100.2 81.7 122.5
 192 18.2 13.9 20.9

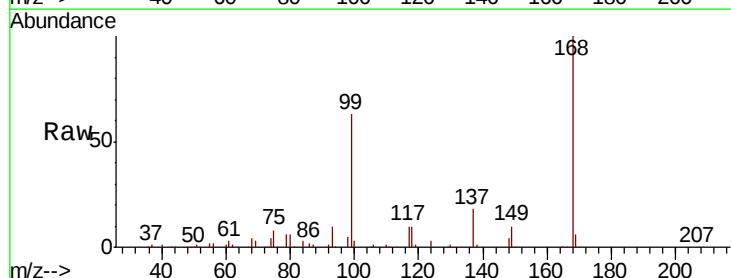


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

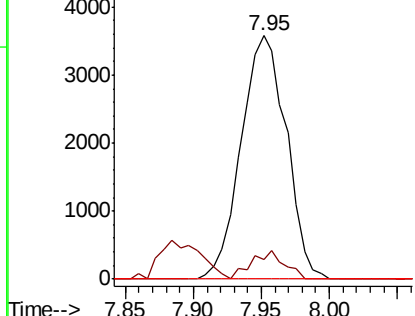
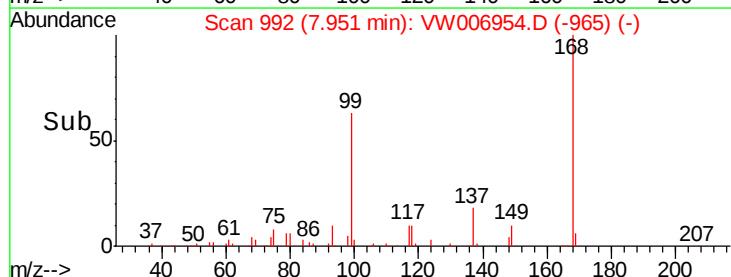


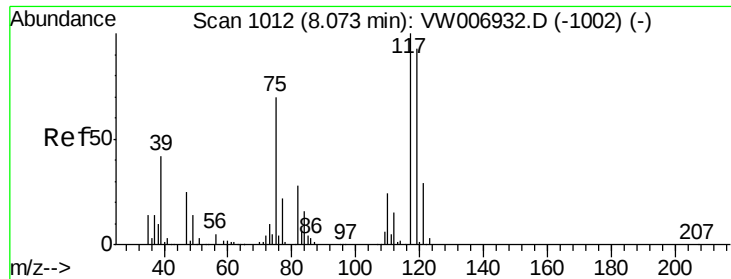
#36
 1,1-Dichloropropene
 Concen: 5.314 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006954.D
 Acq: 19 Nov 2018 20:34

Tgt Ion: 75 Resp: 8311
 Ion Ratio Lower Upper
 75 100
 110 8.6 18.1 54.1#
 77 0.0 25.4 38.0#



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

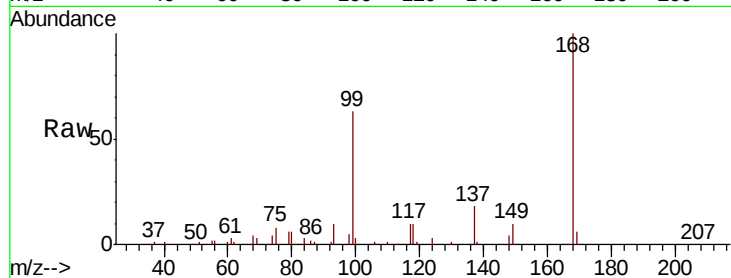




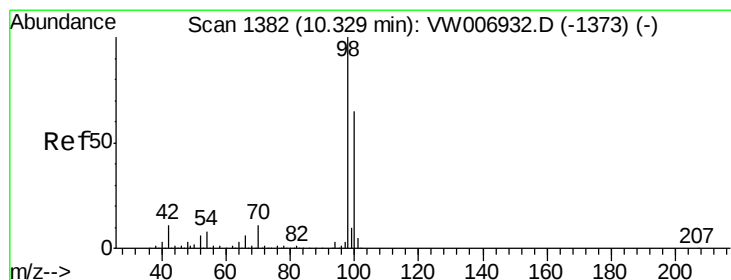
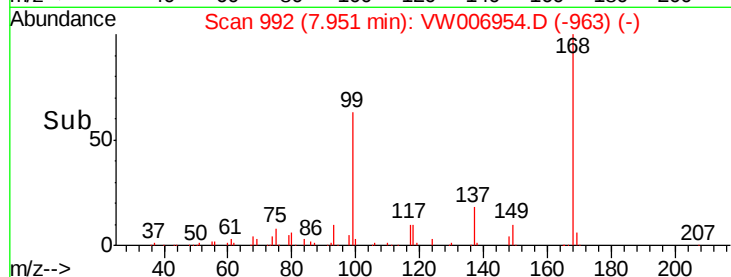
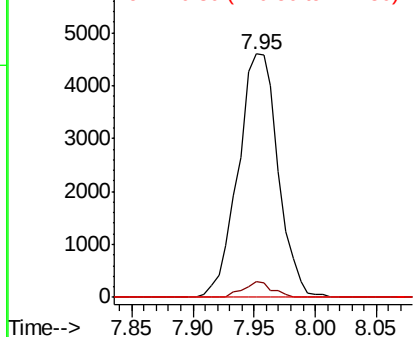
#38
Carbon Tetrachloride
Concen: 6.786 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006954.D
Acq: 19 Nov 2018 20:34

Instrument :
MSVOA_W
ClientSampleId :
DTW-01(6-10)

Tot Ion:117 Resp: 10431
Ion Ratio Lower Upper
117 100
119 6.3 74.2 111.4#
121 0.0 23.5 35.3#

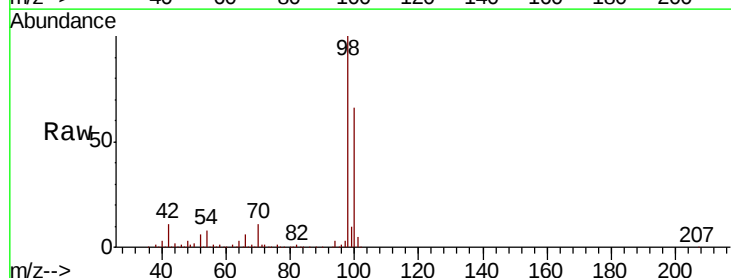


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

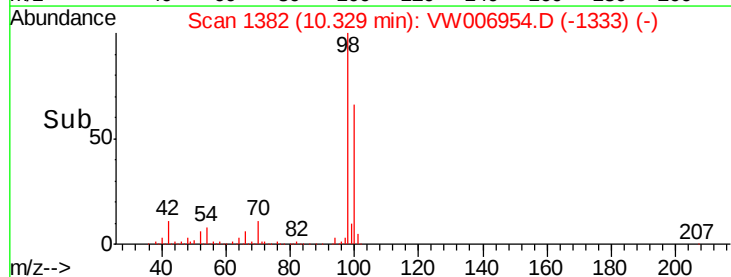
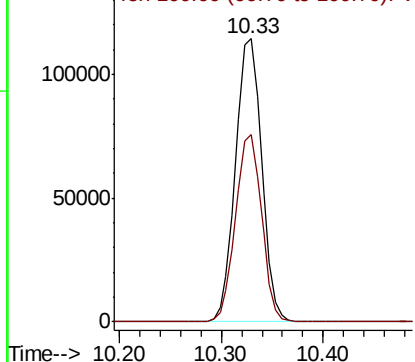


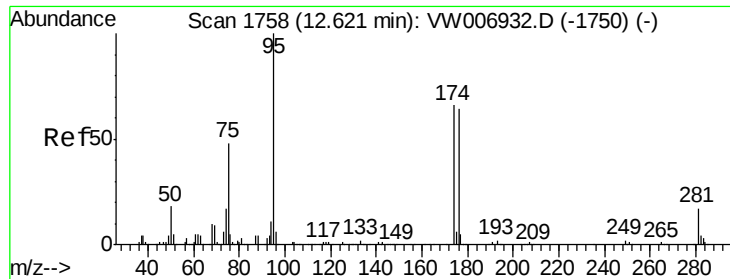
#50
Toluene-d8
Concen: 49.394 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006954.D
Acq: 19 Nov 2018 20:34

Tgt Ion: 98 Resp: 204052
Ion Ratio Lower Upper
98 100
100 65.7 52.3 78.5



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

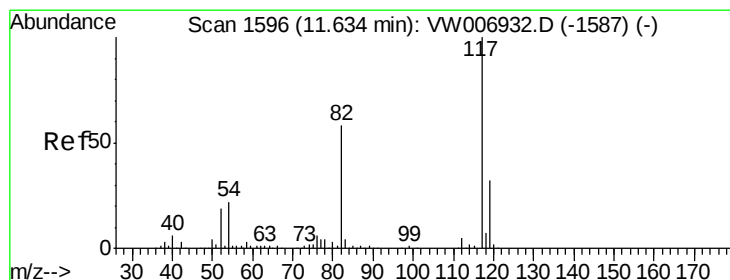
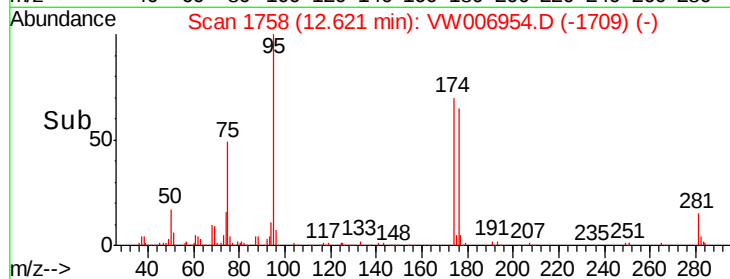
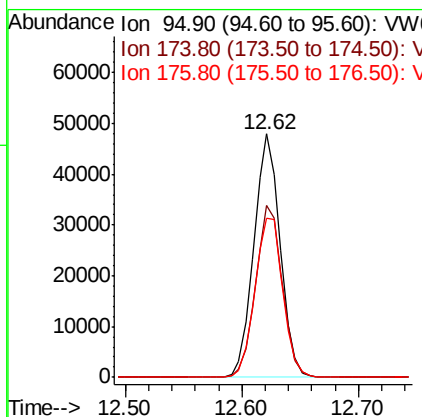
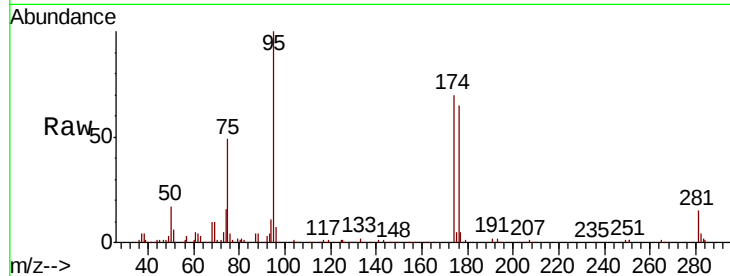




#62
4-Bromofluorobenzene
Concen: 46.755 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006954.D
Acq: 19 Nov 2018 20:34

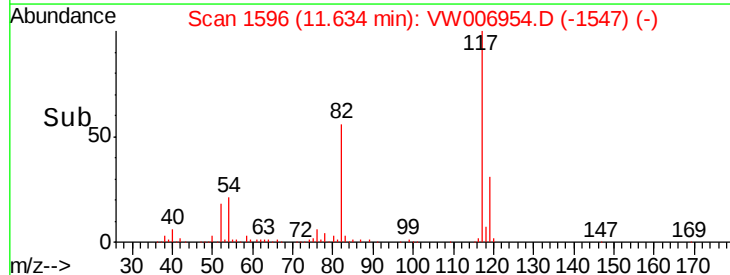
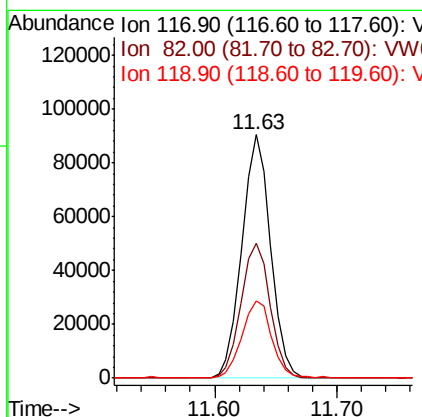
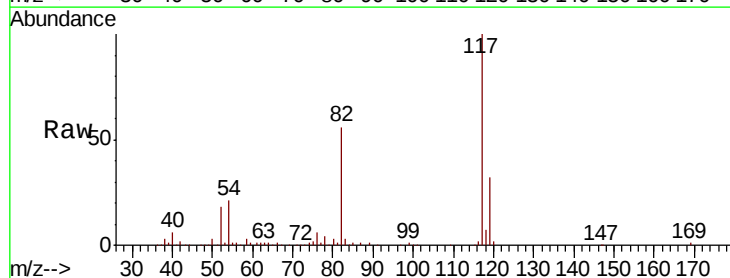
Instrument :
MSVOA_W
ClientSampleId :
DTW-01(6-10)

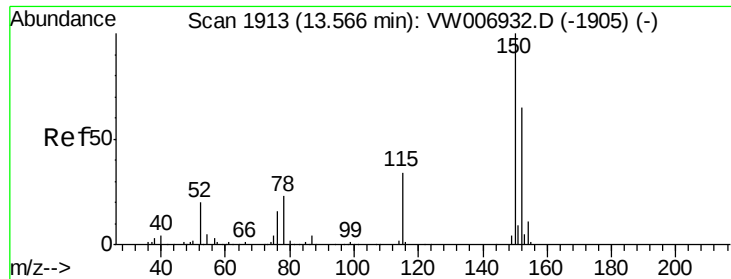
Tot Ion: 95 Resp: 75315
Ion Ratio Lower Upper
95 100
174 71.7 0.0 138.4
176 69.6 0.0 133.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006954.D
Acq: 19 Nov 2018 20:34

Tgt Ion: 117 Resp: 147134
Ion Ratio Lower Upper
117 100
82 55.6 46.2 69.2
119 31.3 25.5 38.3



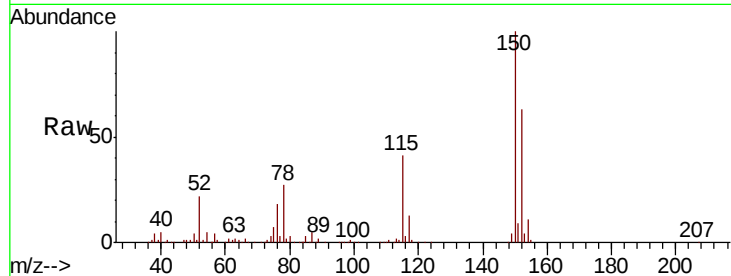


#72

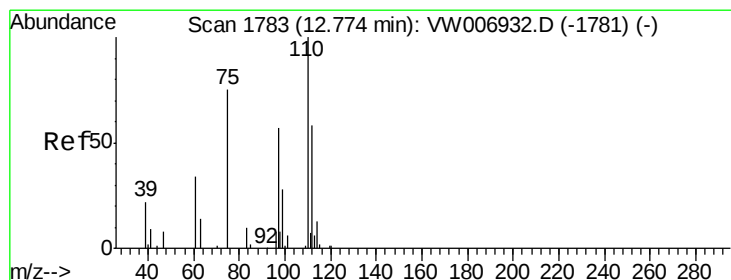
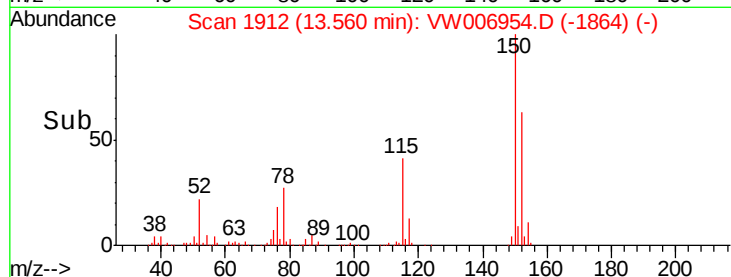
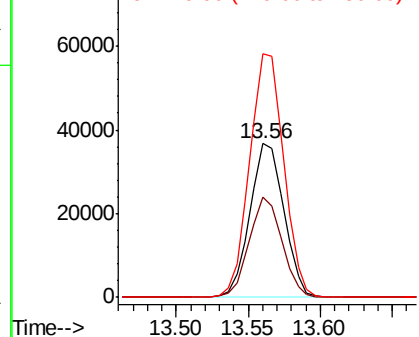
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW006954.D
Acq: 19 Nov 2018 20:34

Instrument :
MSVOA_W
ClientSampleId :
DTW-01(6-10)

Tot Ion:152 Resp: 59744
Ion Ratio Lower Upper
152 100
115 62.8 31.6 94.7
150 159.2 0.0 350.0



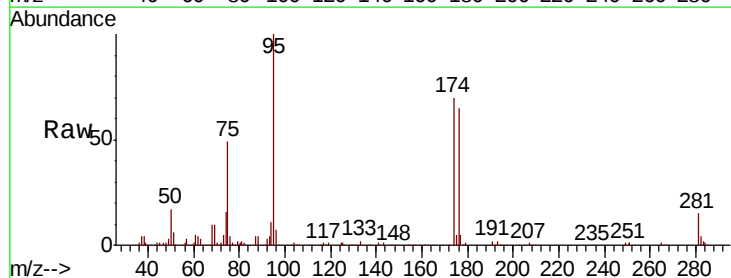
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



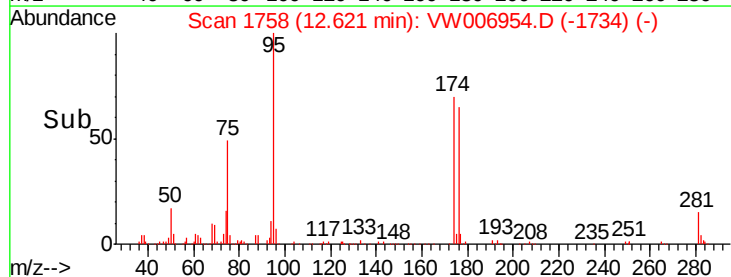
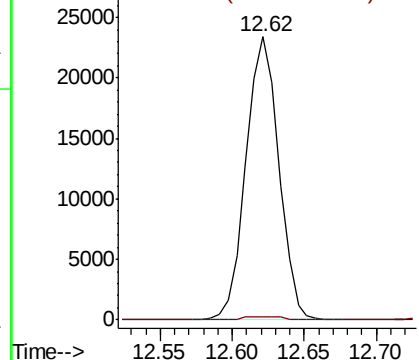
#76

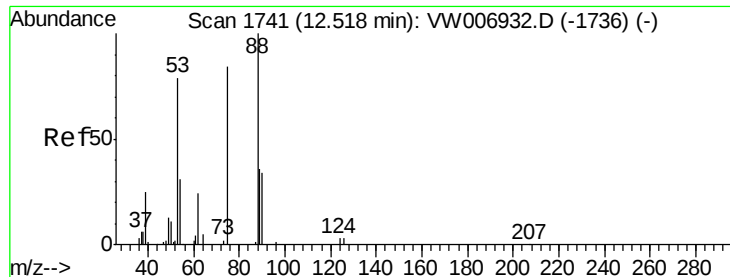
1,2,3-Trichloropropane
Concen: 76.844 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW006954.D
Acq: 19 Nov 2018 20:34

Tgt Ion: 75 Resp: 36894
Ion Ratio Lower Upper
75 100
77 1.3 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: 174.924 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006954.D

Acq: 19 Nov 2018 20:34

Instrument :

MSVOA_W

ClientSampleId :

DTW-01(6-10)

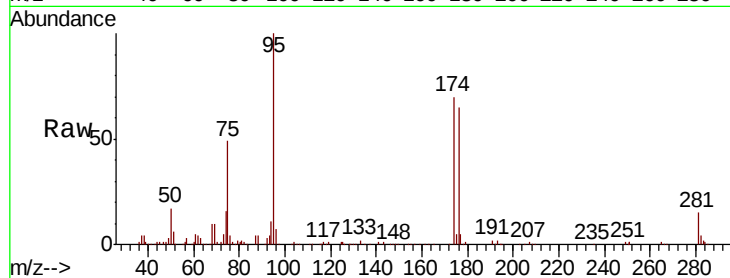
Tot Ion: 75 Resp: 36894

Ion Ratio Lower Upper

75 100

53 0.0 79.3 118.9#

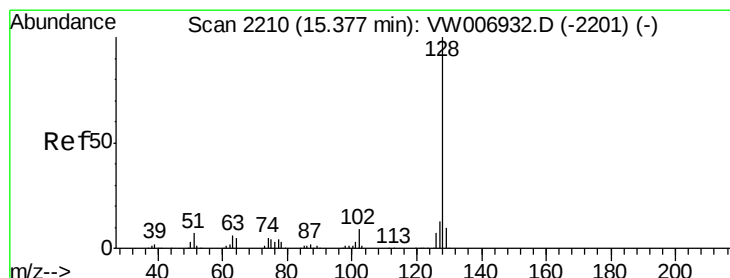
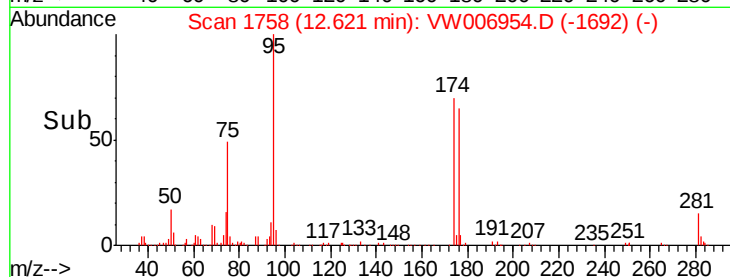
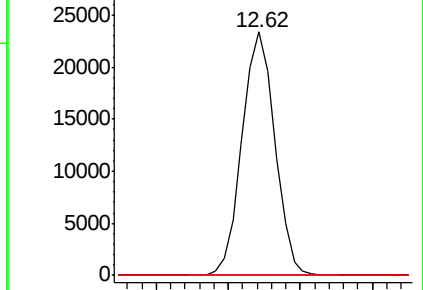
89 0.1 39.5 59.3#



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: 3.697 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW006954.D

Acq: 19 Nov 2018 20:34

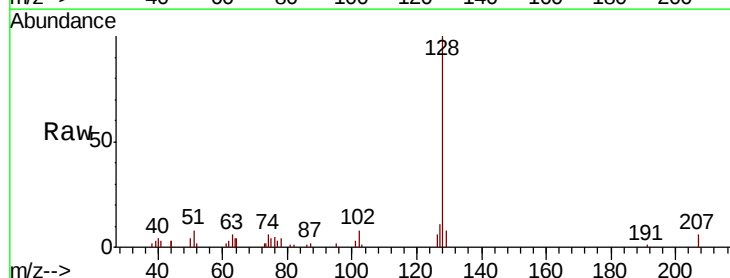
Tgt Ion:128 Resp: 8218

Ion Ratio Lower Upper

128 100

127 12.8 10.6 15.8

129 10.6 8.5 12.7



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

