

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092518\
 Data File : VW005650.D
 Acq On : 26 Sep 2018 10:14
 Operator : VA/AP
 Sample : J4775-09RE
 Misc : 6.86G/5ML/MSVOA W/SOIL
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-01-092418-ARE

Quant Time: Sep 26 11:43:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

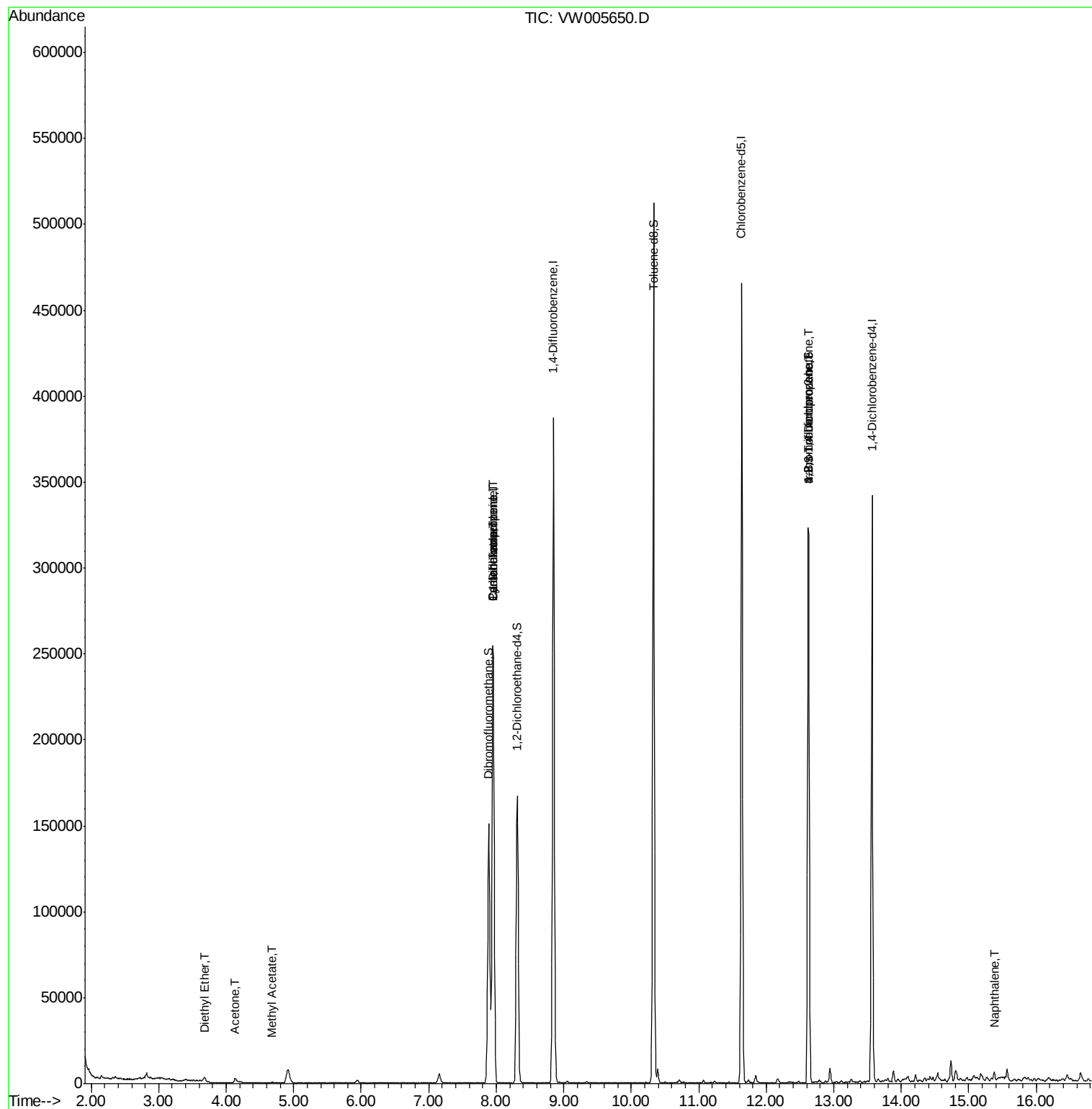
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	185946	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	305764	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	257284	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	90203	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	138873	63.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.80%	
35) Dibromofluoromethane	7.89	113	104920	54.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.14%	
50) Toluene-d8	10.33	98	331371	42.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.64%	
62) 4-Bromofluorobenzene	12.62	95	103661	35.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.56%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.68	74	1040	1.139	ug/l	84
11) Tert butyl alcohol	5.20	59	242	Below Cal	#	72
13) Acrolein	3.64	56	26	Below Cal	#	1
16) Acetone	4.14	43	4466	3.670	ug/l #	78
18) Methyl Acetate	4.68	43	1119	1.078	ug/l #	62
20) Methylene Chloride	4.92	84	6585	Below Cal		97
31) Cyclohexane	7.95	56	4342	1.279	ug/l #	21
36) 1,1-Dichloropropene	7.95	75	14376	4.671	ug/l #	50
38) Carbon Tetrachloride	7.96	117	19219	5.827	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	54406	70.756	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	54406	159.365	ug/l #	7
95) Naphthalene	15.38	128	4299	1.354	ug/l #	95

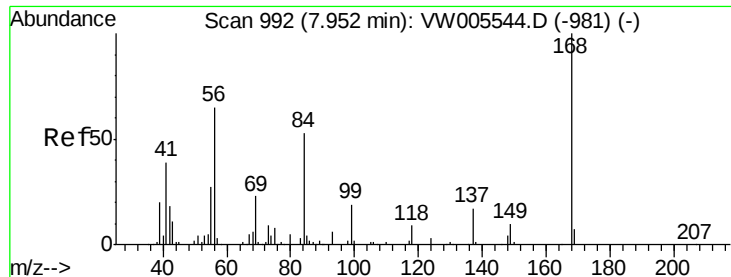
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092518\
Data File : VW005650.D
Acq On : 26 Sep 2018 10:14
Operator : VA/AP
Sample : J4775-09RE
Misc : 6.86G/5ML/MSVOA W/SOIL
ALS Vial : 56 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
OR-01-092418-ARE

Quant Time: Sep 26 11:43:04 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 21 09:05:42 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: VW005650.D

Acq: 26 Sep 2018 10:14

Instrument :

MSVOA_W

ClientSampleId :

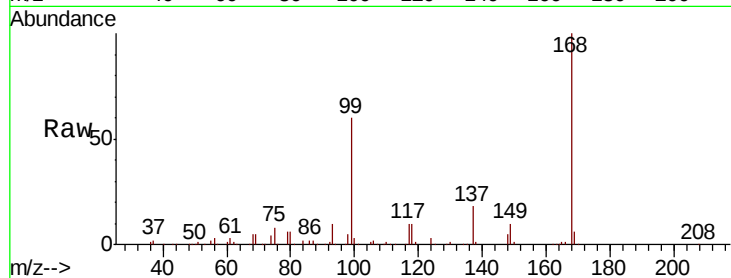
OR-01-092418-ARE

Tot Ion:168 Resp: 185946

Ion Ratio Lower Upper

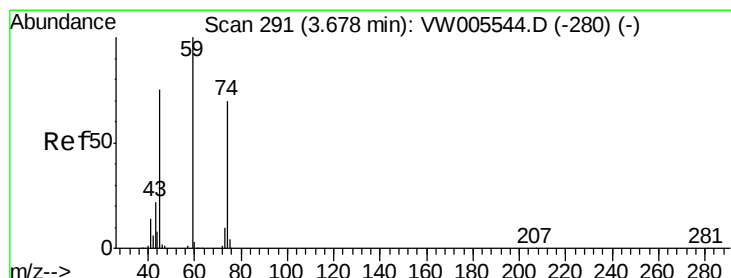
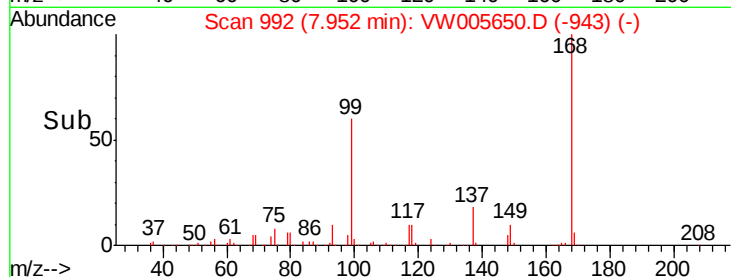
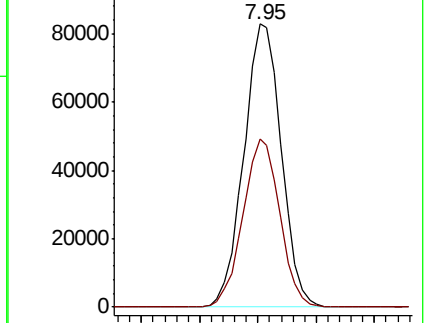
168 100

99 59.5 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.139 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VW005650.D

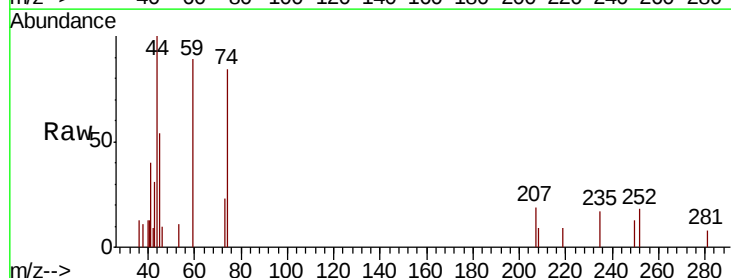
Acq: 26 Sep 2018 10:14

Tgt Ion: 74 Resp: 1040

Ion Ratio Lower Upper

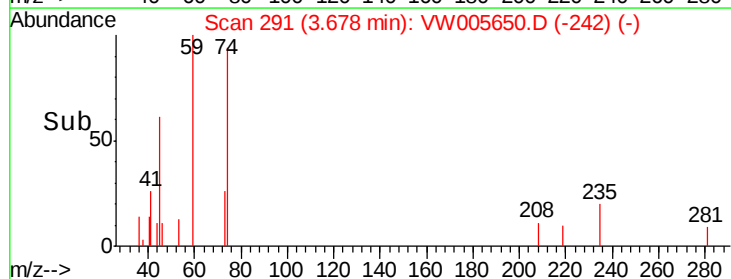
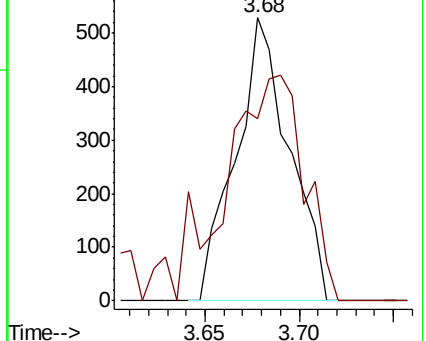
74 100

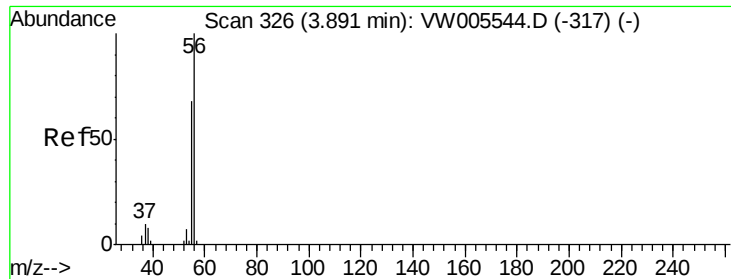
45 120.1 51.7 155.2



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#13

Acrolein

Concen: Below Cal

RT: 3.64 min Scan# 285

Delta R.T. -0.25 min

Lab File: VW005650.D

Acq: 26 Sep 2018 10:14

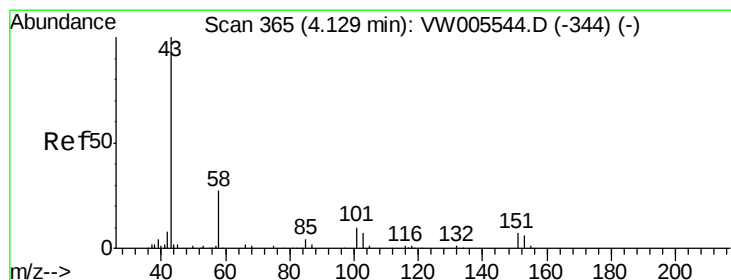
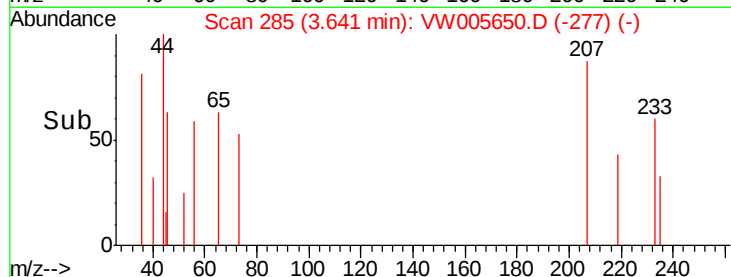
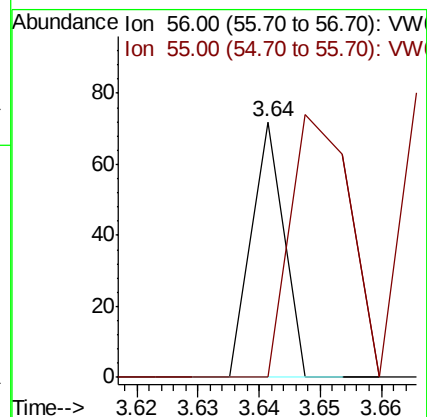
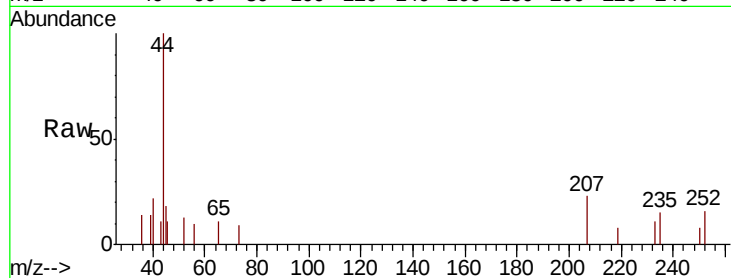
Instrument :
MSVOA_W
ClientSampleId :
OR-01-092418-ARE

Tot Ion: 56 Resp: 26

Ion Ratio Lower Upper

56 100

55 192.3 57.8 86.8#



#16

Acetone

Concen: 3.670 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW005650.D

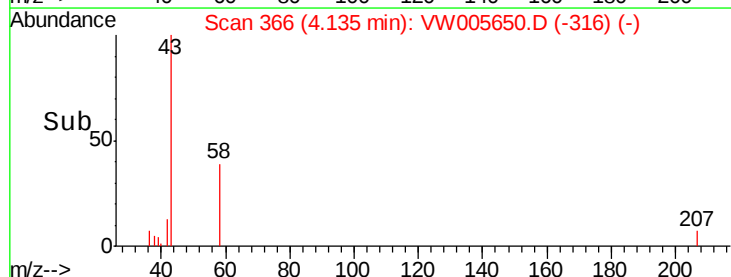
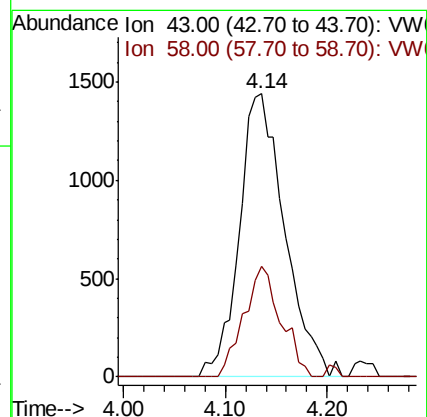
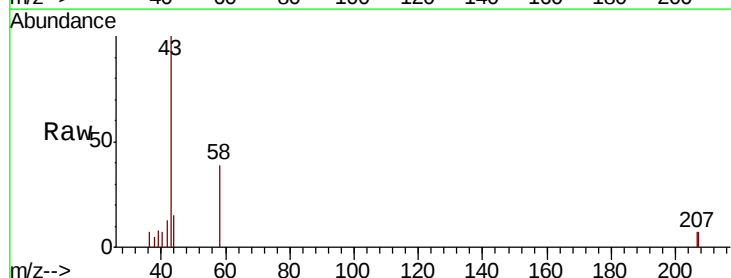
Acq: 26 Sep 2018 10:14

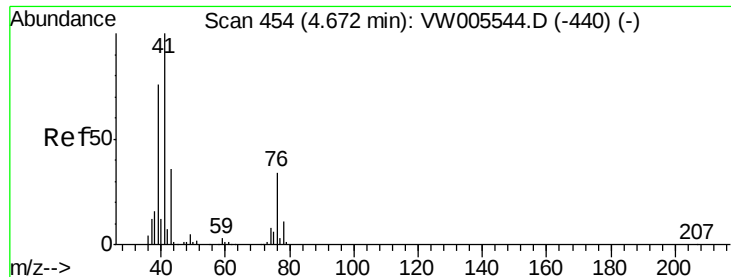
Tgt Ion: 43 Resp: 4466

Ion Ratio Lower Upper

43 100

58 39.0 21.8 32.8#





#18

Methyl Acetate

Concen: 1.078 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW005650.D

Acq: 26 Sep 2018 10:14

Instrument :

MSVOA_W

ClientSampleId :

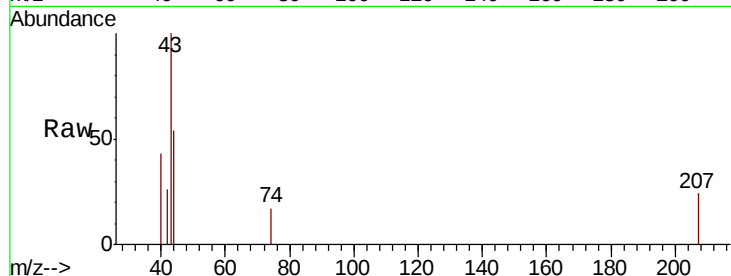
OR-01-092418-ARE

Tot Ion: 43 Resp: 1119

Ion Ratio Lower Upper

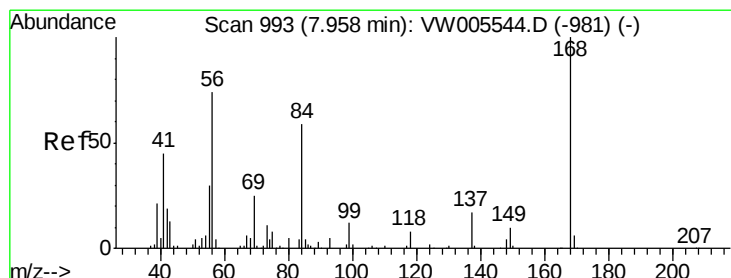
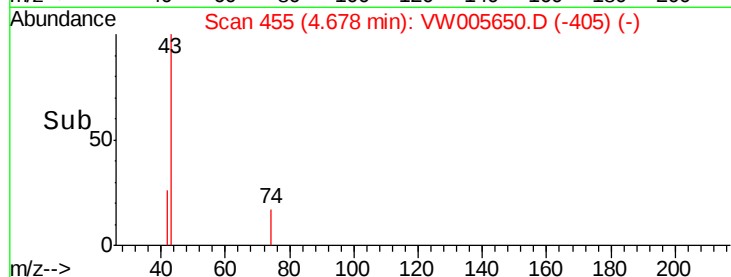
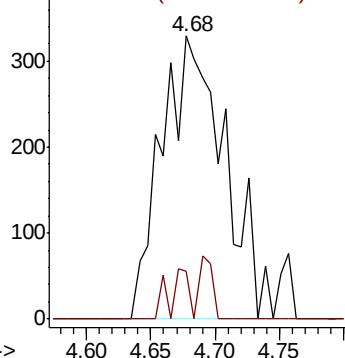
43 100

74 5.4 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



#31

Cyclohexane

Concen: 1.279 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW005650.D

Acq: 26 Sep 2018 10:14

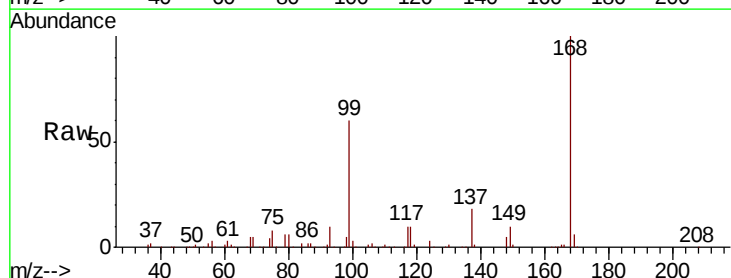
Tgt Ion: 56 Resp: 4342

Ion Ratio Lower Upper

56 100

69 184.1 27.0 40.4#

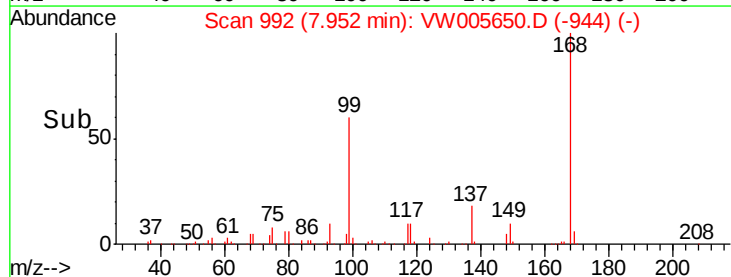
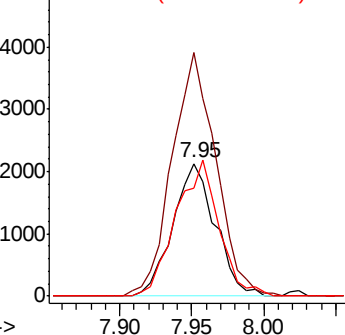
84 82.1 64.2 96.4

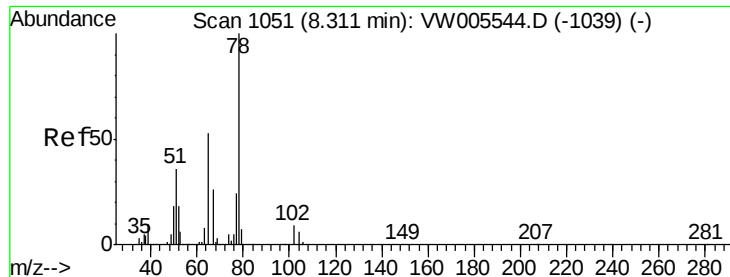


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

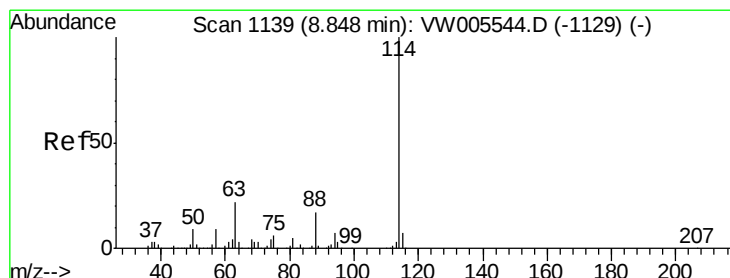
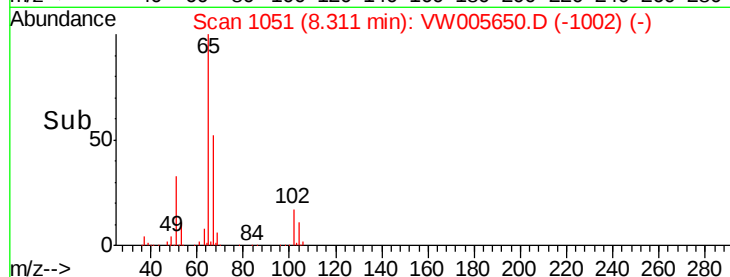
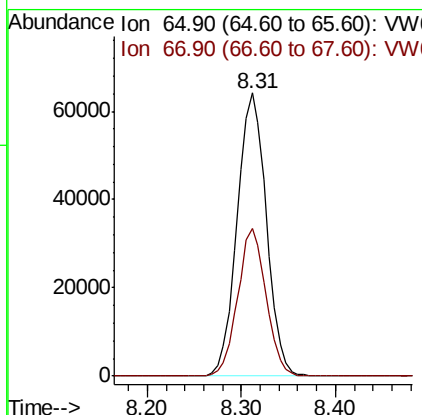
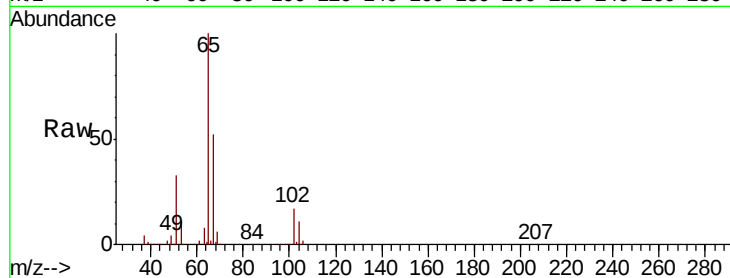




#33
 1,2-Dichloroethane-d4
 Concen: 63.396 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005650.D
 Acq: 26 Sep 2018 10:14

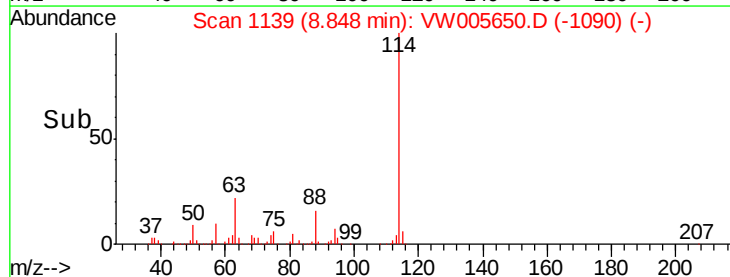
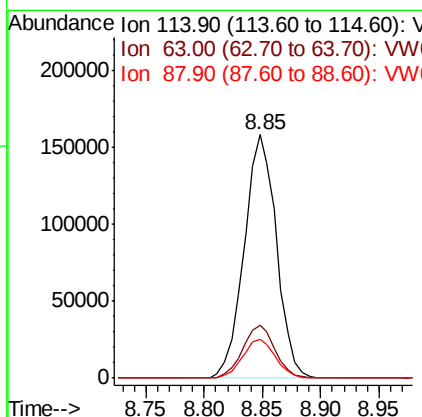
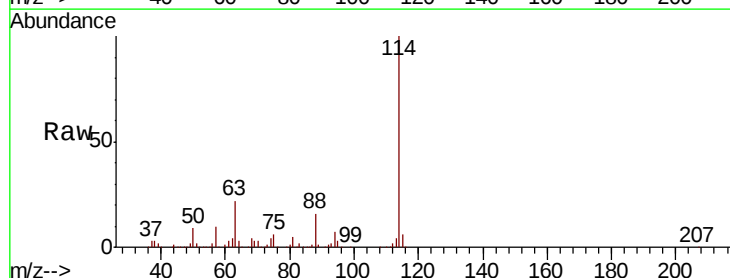
Instrument :
 MSVOA_W
 ClientSampleId :
 OR-01-092418-ARE

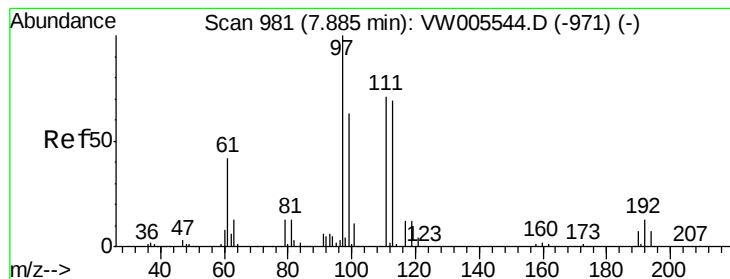
Tot Ion: 65 Resp: 138873
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005650.D
 Acq: 26 Sep 2018 10:14

Tgt Ion: 114 Resp: 305764
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.0
 88 15.7 0.0 33.0





#35

Dibromofluoromethane

Concen: 54.565 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW005650.D

Acq: 26 Sep 2018 10:14

Instrument :

MSVOA_W

ClientSampleId :

OR-01-092418-ARE

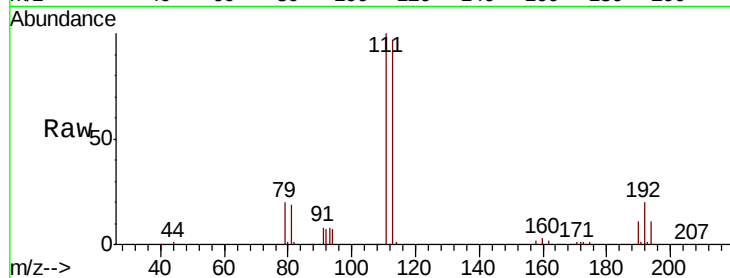
Tot Ion:113 Resp: 104920

Ion Ratio Lower Upper

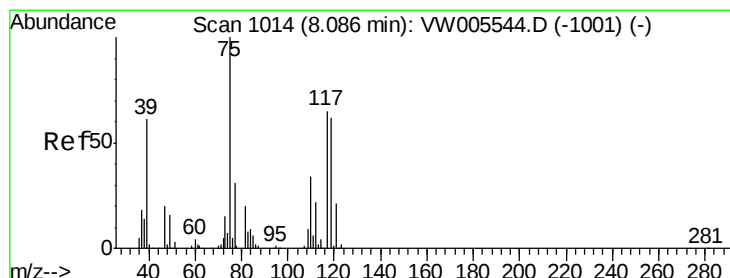
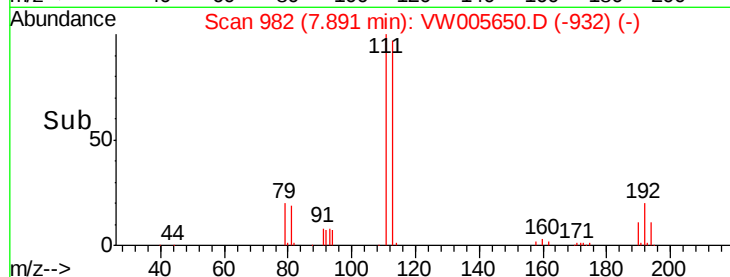
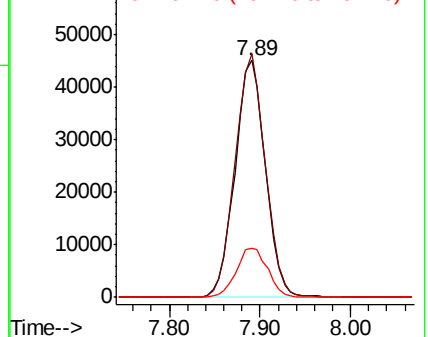
113 100

111 101.9 82.6 123.8

192 21.5 17.0 25.4



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: 4.671 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW005650.D

Acq: 26 Sep 2018 10:14

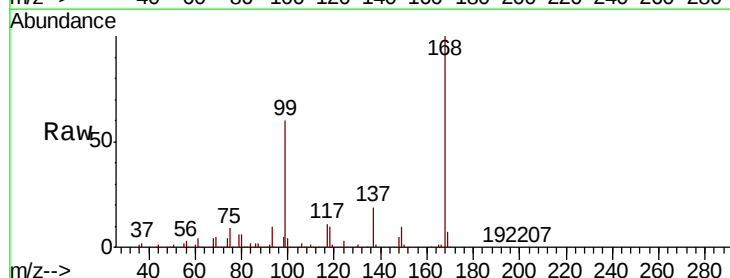
Tgt Ion: 75 Resp: 14376

Ion Ratio Lower Upper

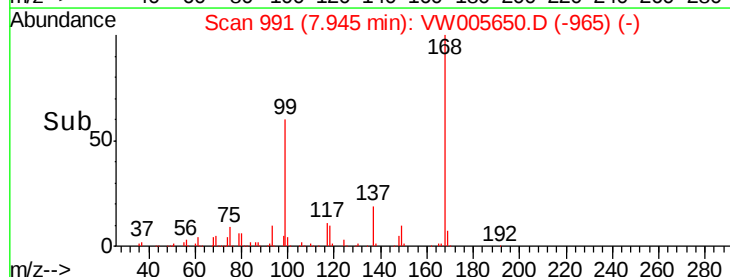
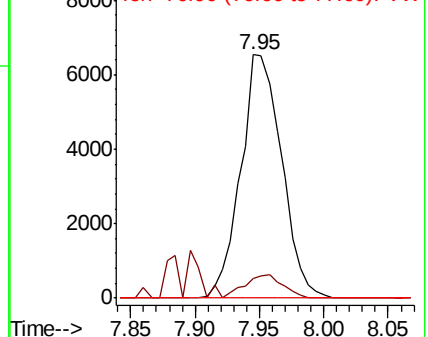
75 100

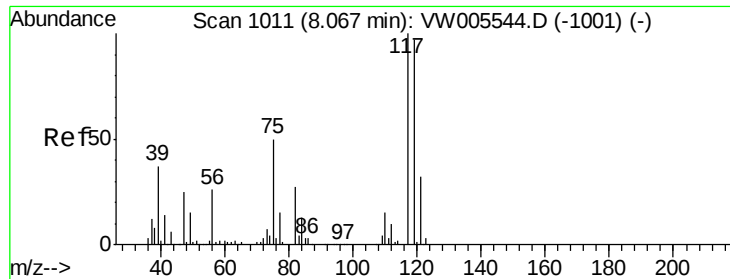
110 9.0 17.0 50.9#

77 0.0 24.8 37.2#



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

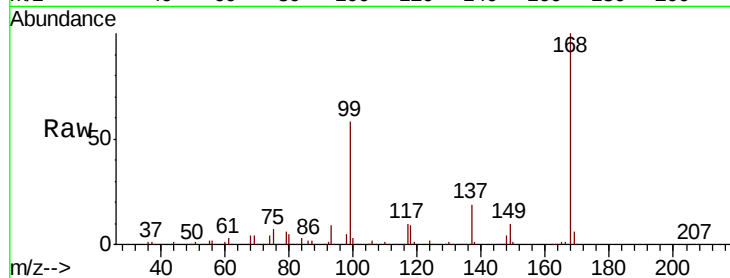




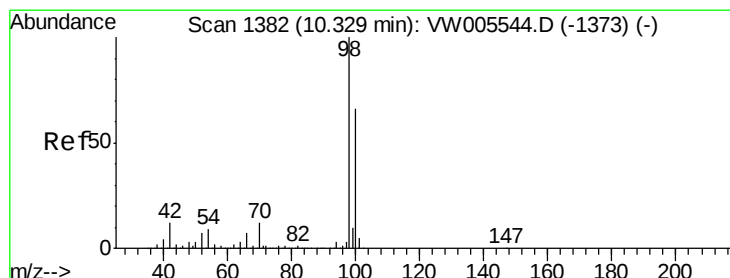
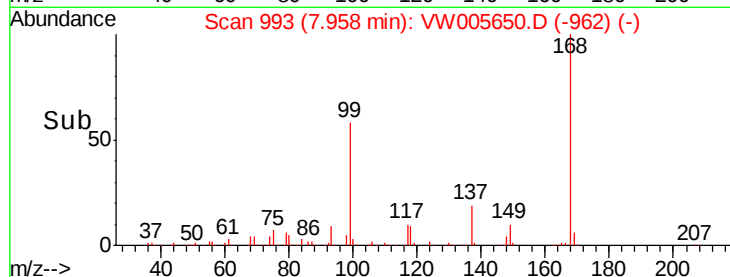
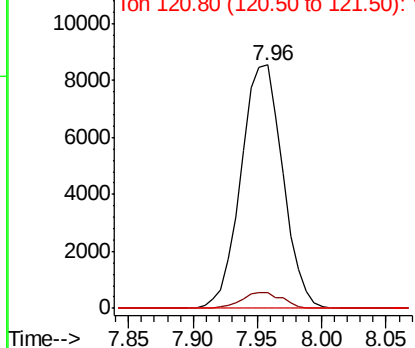
#38
Carbon Tetrachloride
Concen: 5.827 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.11 min
Lab File: VW005650.D
Acq: 26 Sep 2018 10:14

Instrument :
MSVOA_W
ClientSampleId :
OR-01-092418-ARE

Tot Ion:117 Resp: 19219
Ion Ratio Lower Upper
117 100
119 6.6 77.6 116.4#
121 0.0 25.7 38.5#

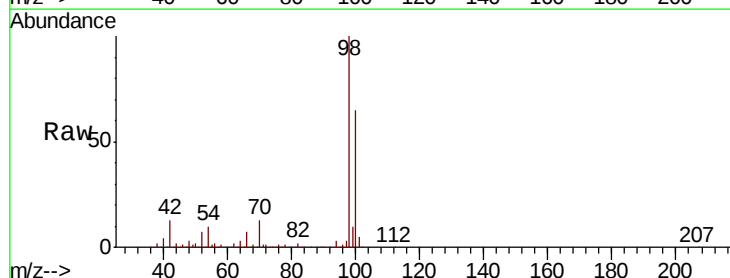


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

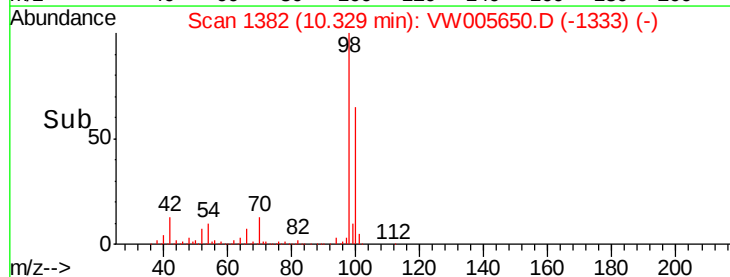
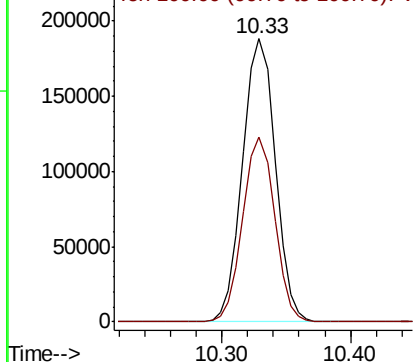


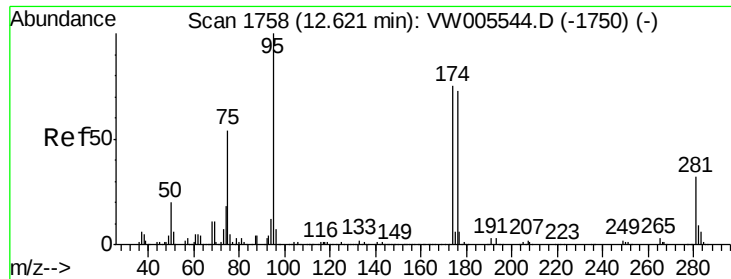
#50
Toluene-d8
Concen: 42.324 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005650.D
Acq: 26 Sep 2018 10:14

Tgt Ion: 98 Resp: 331371
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4



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

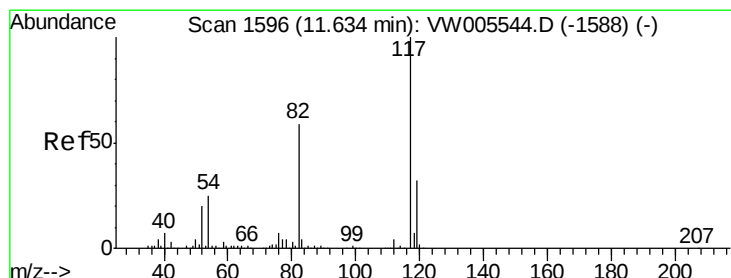
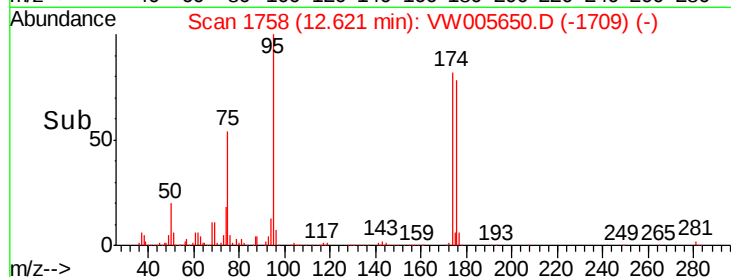
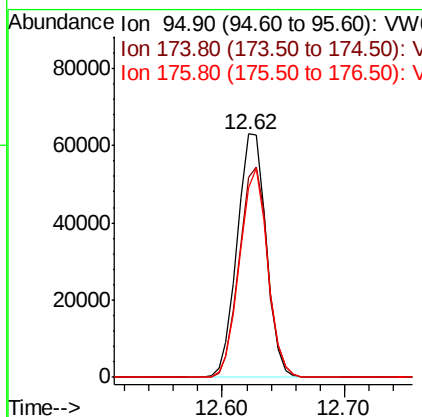
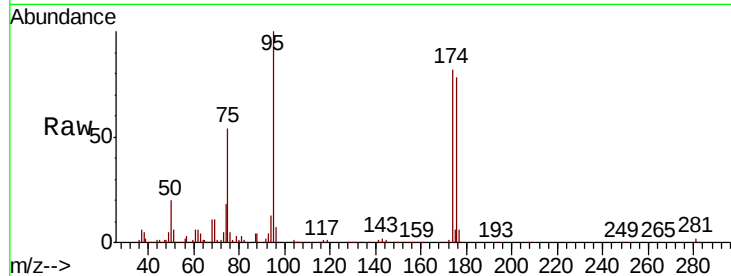




#62
4-Bromofluorobenzene
Concen: 35.782 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005650.D
Acq: 26 Sep 2018 10:14

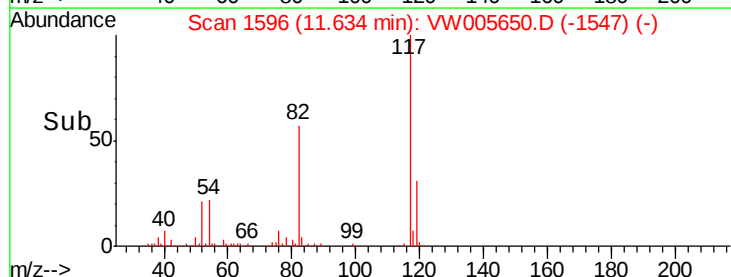
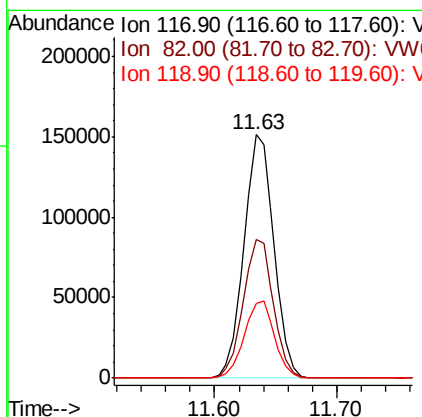
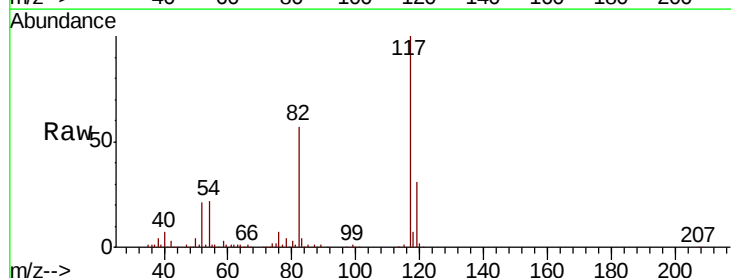
Instrument :
MSVOA_W
ClientSampleId :
OR-01-092418-ARE

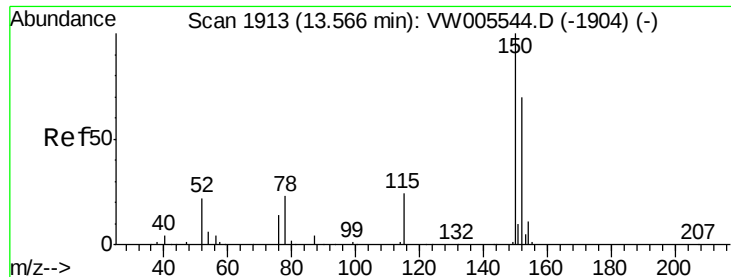
Tot Ion	Ratio	Lower	Upper
95	100		
174	84.9	0.0	163.8
176	82.6	0.0	158.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005650.D
Acq: 26 Sep 2018 10:14

Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.2	46.9	70.3
119	30.7	25.7	38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW005650.D

Acq: 26 Sep 2018 10:14

Instrument :

MSVOA_W

ClientSampleId :

OR-01-092418-ARE

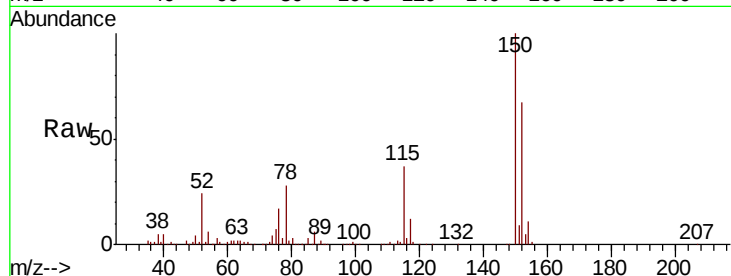
Tot Ion:152 Resp: 90203

Ion Ratio Lower Upper

152 100

115 57.6 30.0 90.0

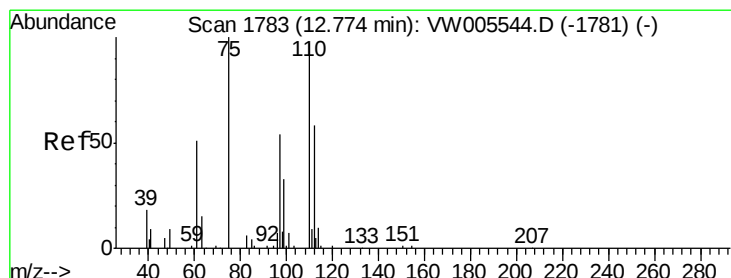
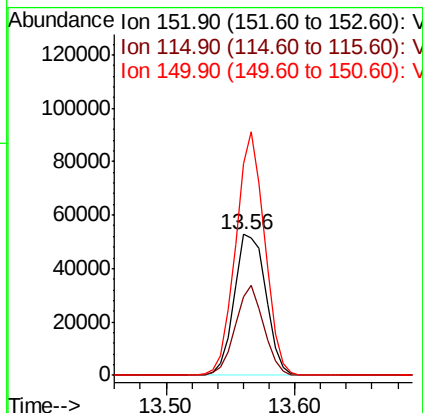
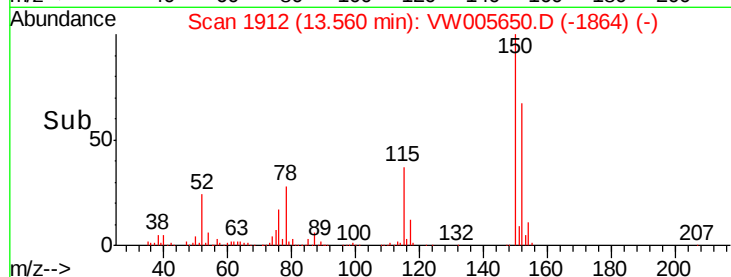
150 156.7 0.0 348.6



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: 70.756 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005650.D

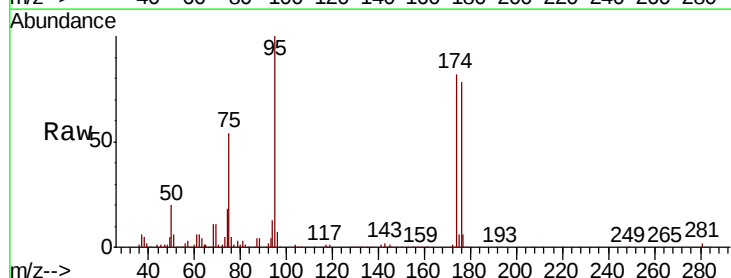
Acq: 26 Sep 2018 10:14

Tgt Ion: 75 Resp: 54406

Ion Ratio Lower Upper

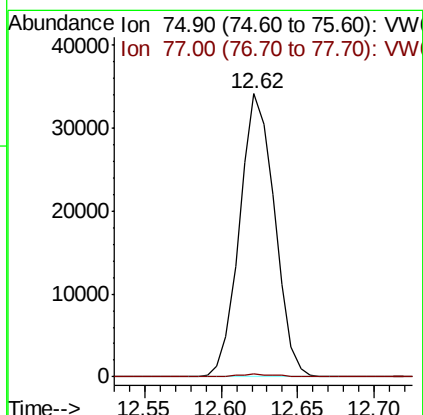
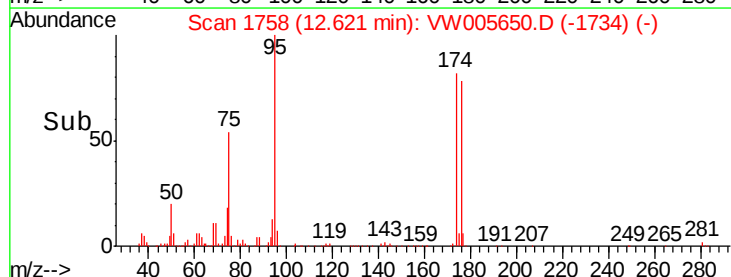
75 100

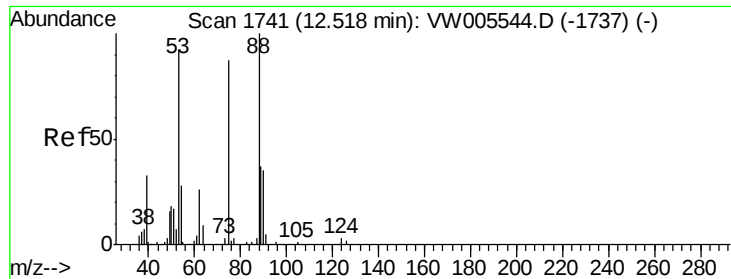
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

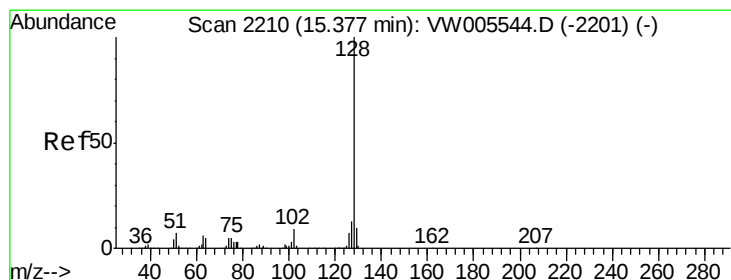
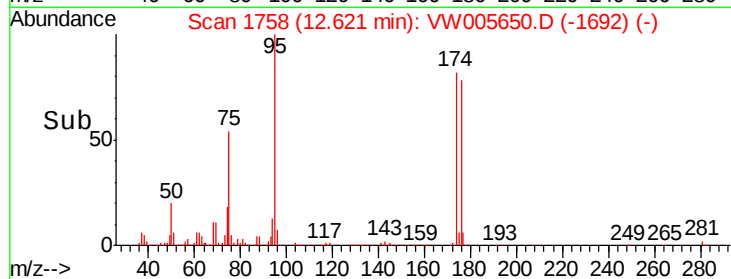
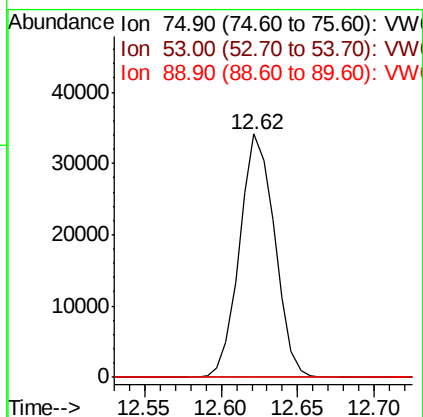
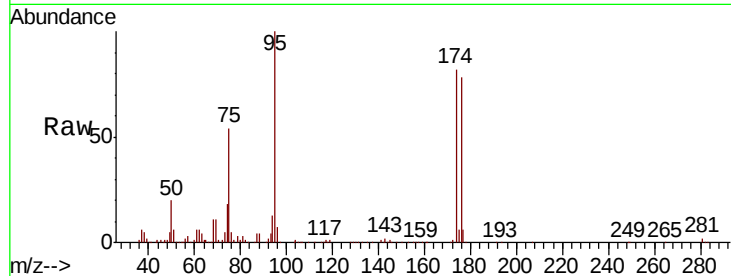




#81
trans-1,4-Dichloro-2-butene
Concen: 159.365 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.10 min
Lab File: VW005650.D
Acq: 26 Sep 2018 10:14

Instrument :
MSVOA_W
ClientSampleId :
OR-01-092418-ARE

Tot Ion: 75 Resp: 54406
Ion Ratio Lower Upper
75 100
53 0.1 85.8 128.6#
89 0.0 37.3 55.9#



#95
Naphthalene
Concen: 1.354 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005650.D
Acq: 26 Sep 2018 10:14

Tgt Ion: 128 Resp: 4299
Ion Ratio Lower Upper
128 100
127 12.3 10.9 16.3
129 13.5 8.6 13.0#

