

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101018\
 Data File : VW005953.D
 Acq On : 09 Oct 2018 22:22
 Operator : SY/AP
 Sample : J5200-07RE
 Misc : 6.22G/5ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-03-100818-BRE

Quant Time: Oct 10 01:21:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	258956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	367884	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	248209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	128898	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	135243	53.80	ug/l	0.00
Spiked Amount						
			Recovery	=	107.60%	
35) Dibromofluoromethane	7.88	113	129270	55.04	ug/l	0.00
Spiked Amount						
			Recovery	=	110.08%	
50) Toluene-d8	10.33	98	259359	28.70	ug/l	0.00
Spiked Amount						
			Recovery	=	57.40%	
62) 4-Bromofluorobenzene	12.62	95	137617	40.03	ug/l	0.00
Spiked Amount						
			Recovery	=	80.06%	

Target Compounds

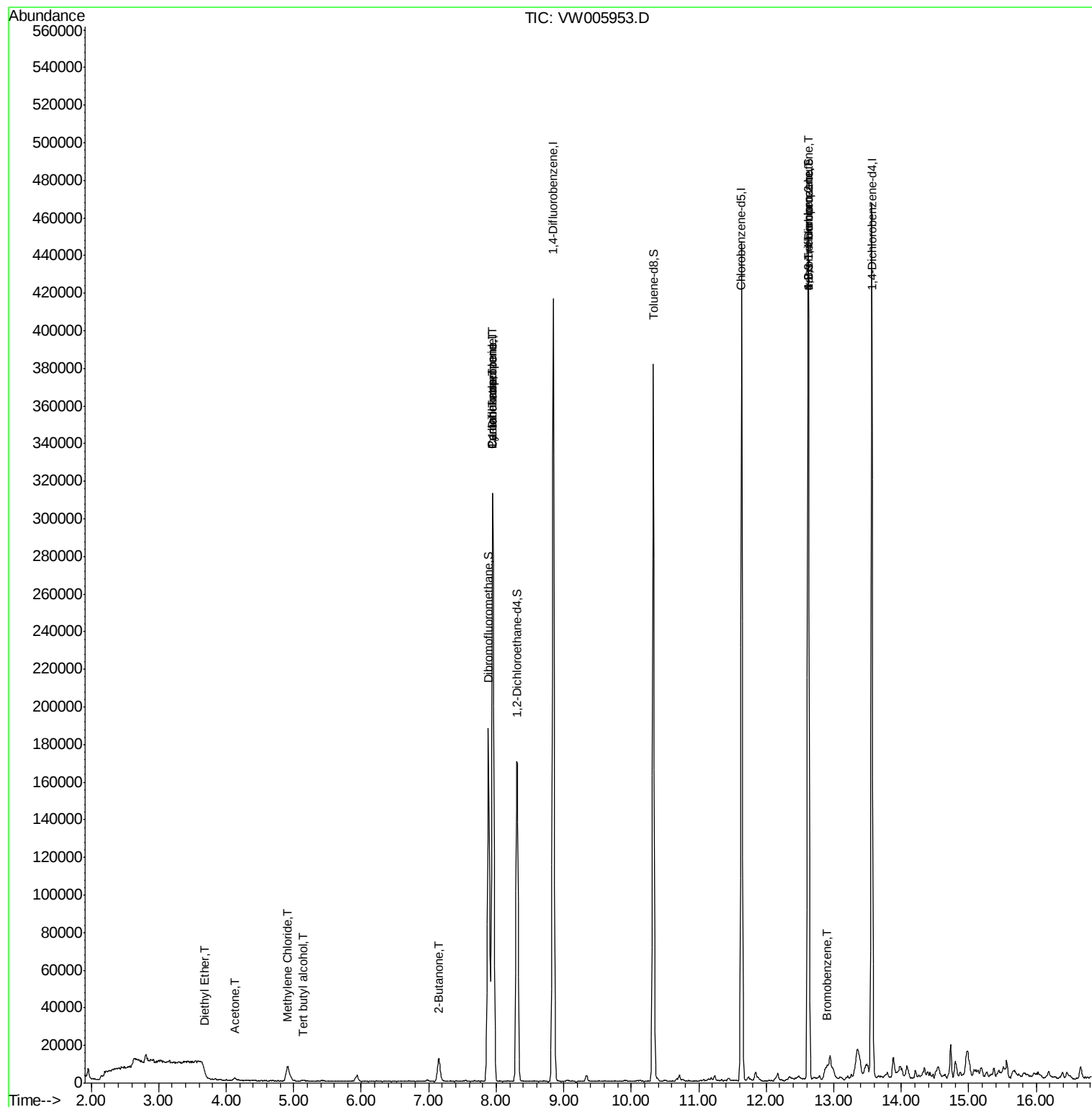
						Qvalue
8) Diethyl Ether	3.68	74	1699	1.468	ug/l	63
11) Tert butyl alcohol	5.13	59	199	1.080	ug/l #	74
16) Acetone	4.12	43	2852	5.680	ug/l	96
20) Methylene Chloride	4.90	84	7178	2.853	ug/l #	87
25) 2-Butanone	7.15	43	801	1.122	ug/l #	49
31) Cyclohexane	7.95	56	5638	1.281	ug/l #	14
36) 1,1-Dichloropropene	7.95	75	17325	4.915	ug/l #	50
38) Carbon Tetrachloride	7.95	117	23169	6.118	ug/l #	14
76) 1,2,3-Trichloropropane	12.62	75	70413	61.154	ug/l #	100
77) Bromobenzene	12.90	156	5481	2.458	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	70413	129.102	ug/l #	11

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

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QLast Update : Tue Oct 09 02:14:04 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: VW005953.D

Acq: 09 Oct 2018 22:22

Instrument :

MSVOA_W

ClientSampleId :

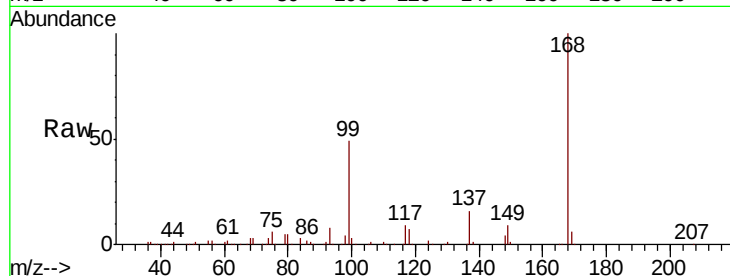
OR-03-100818-BRE

Tgt Ion:168 Resp: 258956

Ion Ratio Lower Upper

168 100

99 49.1 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

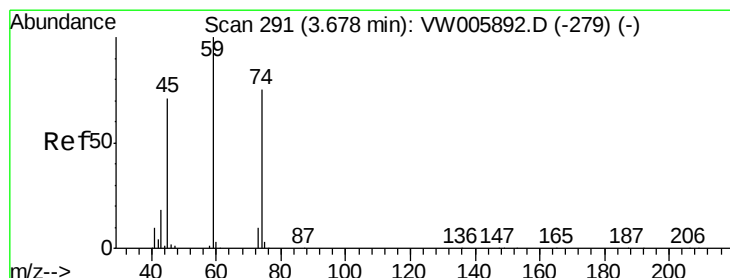
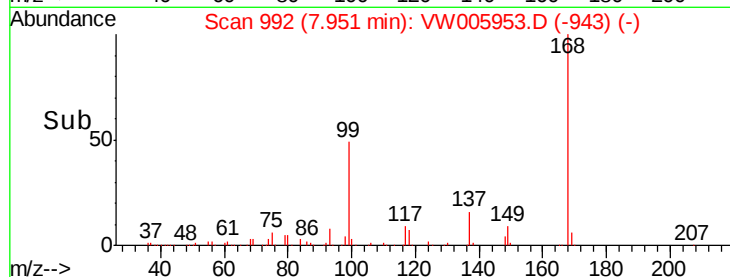
7.95

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.468 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VW005953.D

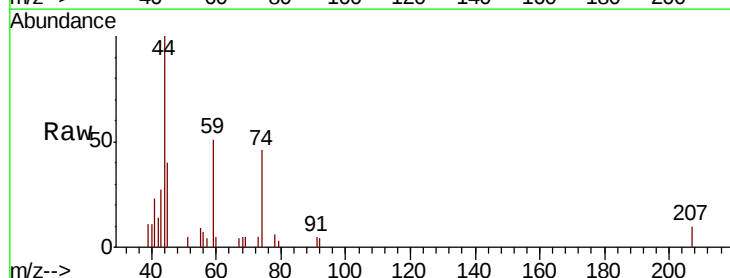
Acq: 09 Oct 2018 22:22

Tgt Ion: 74 Resp: 1699

Ion Ratio Lower Upper

74 100

45 129.3 46.8 140.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

800

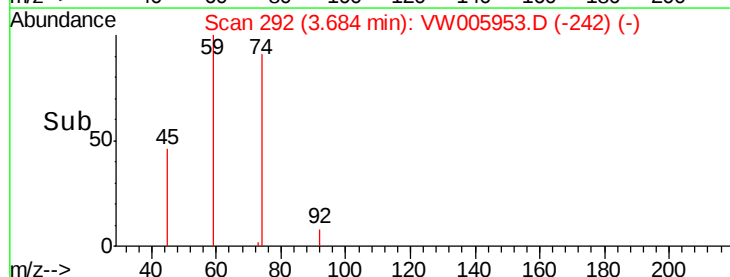
600

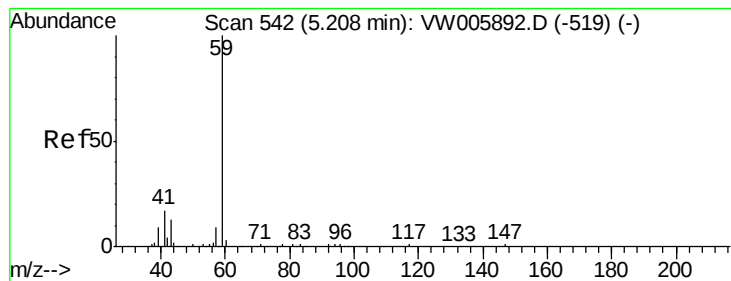
400

200

0

Time-->



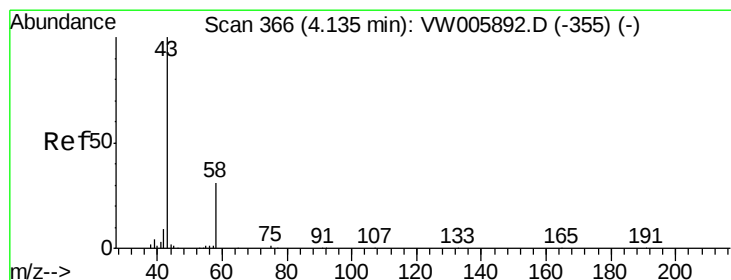
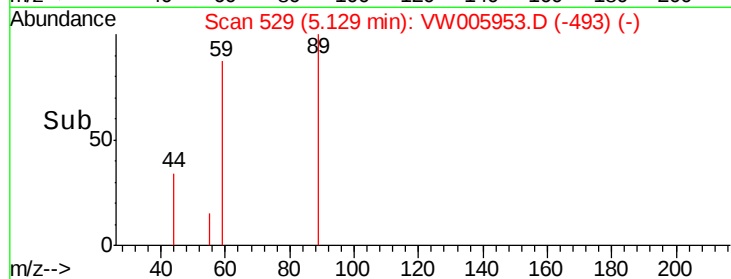
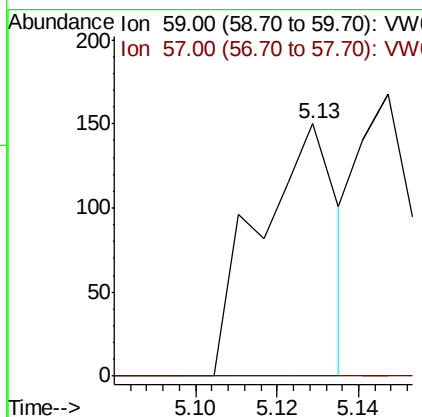
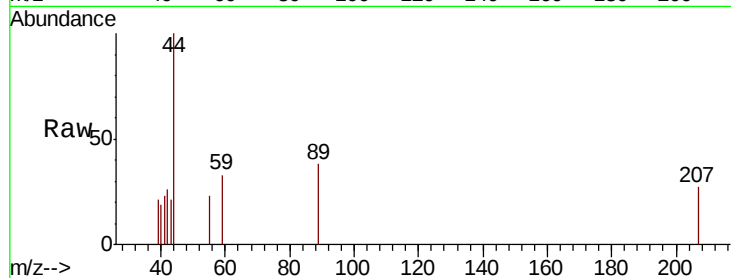


#11

Tert butyl alcohol
 Concen: 1.080 ug/l
 RT: 5.13 min Scan# 529
 Delta R.T. -0.08 min
 Lab File: VW005953.D
 Acq: 09 Oct 2018 22:22

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-03-100818-BRE

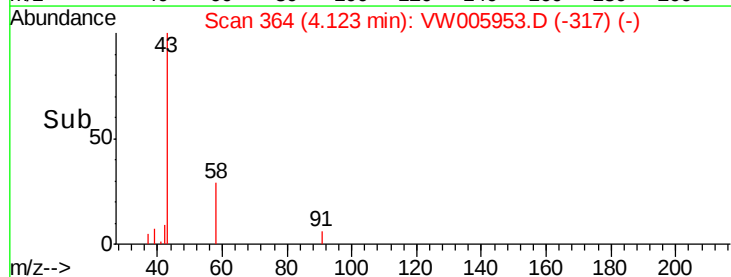
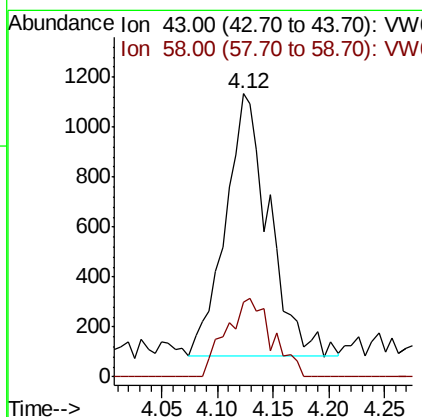
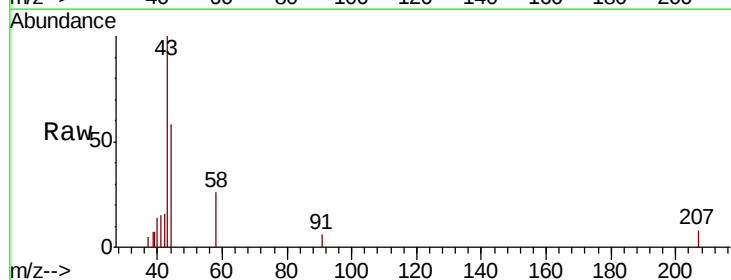
Tgt Ion: 59 Resp: 199
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.7 11.5#

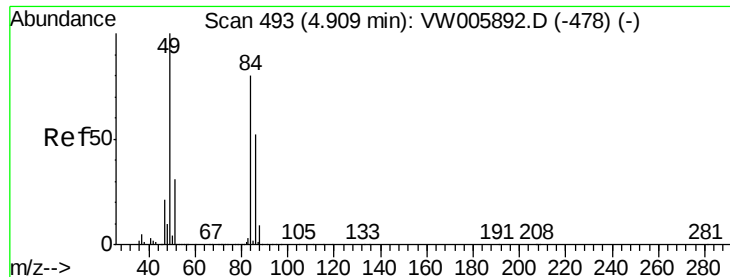


#16

Acetone
 Concen: 5.680 ug/l
 RT: 4.12 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VW005953.D
 Acq: 09 Oct 2018 22:22

Tgt Ion: 43 Resp: 2852
 Ion Ratio Lower Upper
 43 100
 58 28.6 24.7 37.1

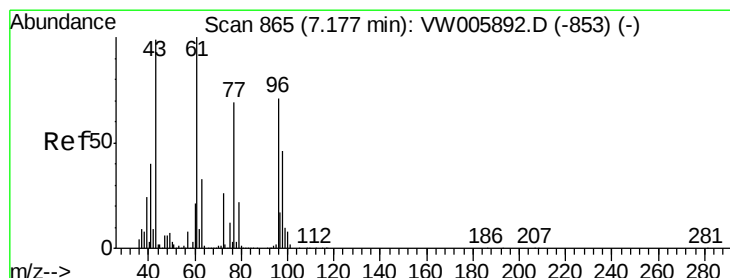
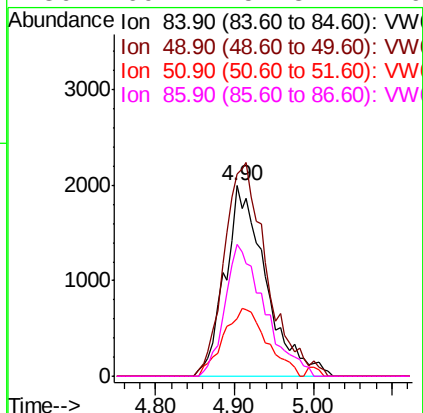
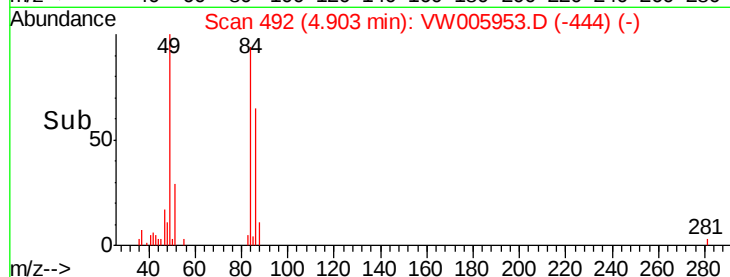
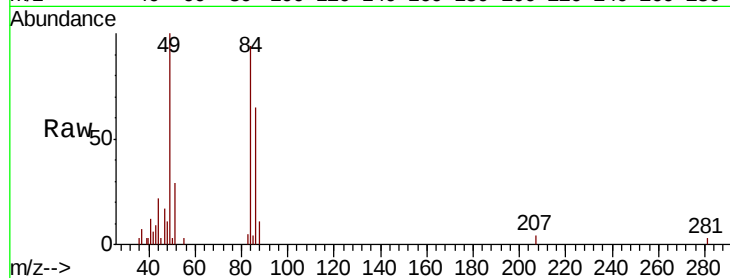




#20
Methylene Chloride
Concen: 2.853 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW005953.D
Acq: 09 Oct 2018 22:22

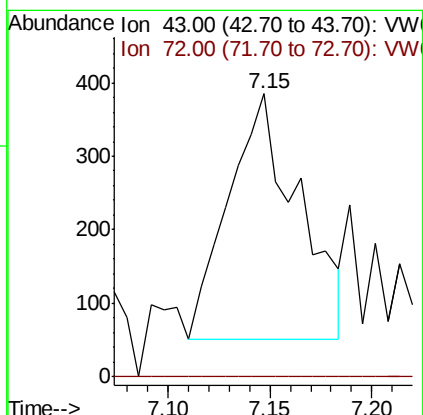
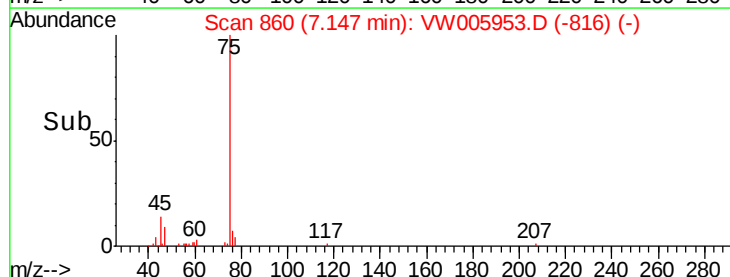
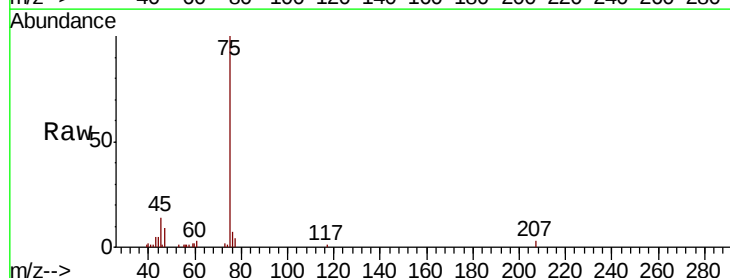
Instrument :
MSVOA_W
ClientSampleId :
OR-03-100818-BRE

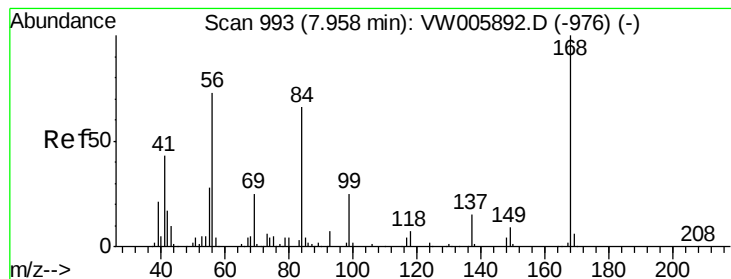
Tgt Ion:	84	Resp:	7178
Ion	Ratio	Lower	Upper
84	100		
49	106.1	99.9	149.9
51	30.4	31.1	46.7#
86	69.1	51.8	77.6



#25
2-Butanone
Concen: 1.122 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.03 min
Lab File: VW005953.D
Acq: 09 Oct 2018 22:22

Tgt Ion:	43	Resp:	801
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.0	31.4#





#31

Cyclohexane

Concen: 1.281 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW005953.D

Acq: 09 Oct 2018 22:22

Instrument :

MSVOA_W

ClientSampleId :

OR-03-100818-BRE

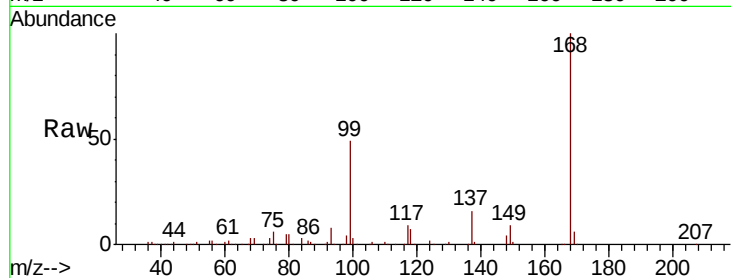
Tgt Ion: 56 Resp: 5638

Ion Ratio Lower Upper

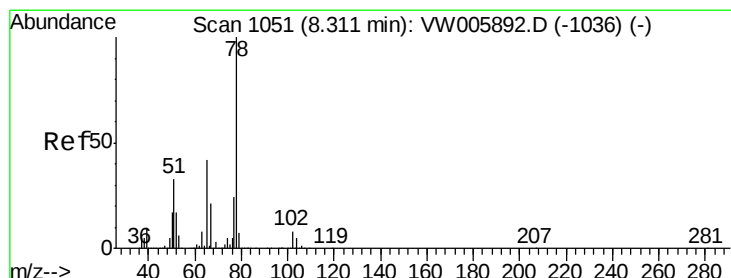
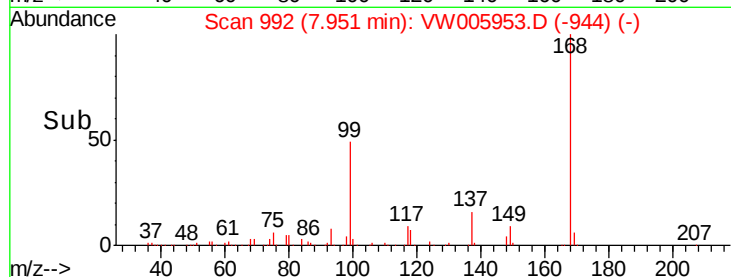
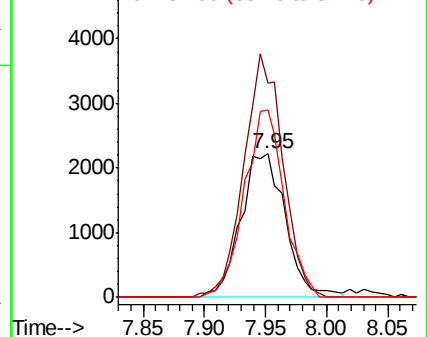
56 100

69 149.3 27.9 41.9#

84 130.9 72.3 108.5#



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: 53.798 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005953.D

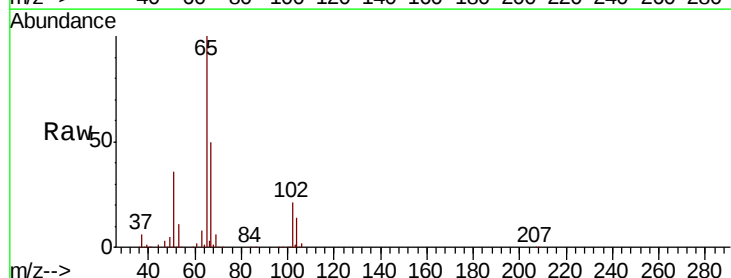
Acq: 09 Oct 2018 22:22

Tgt Ion: 65 Resp: 135243

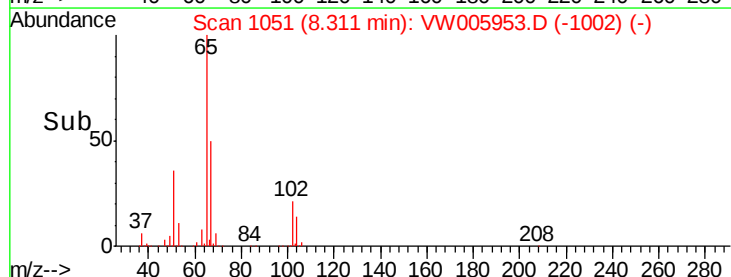
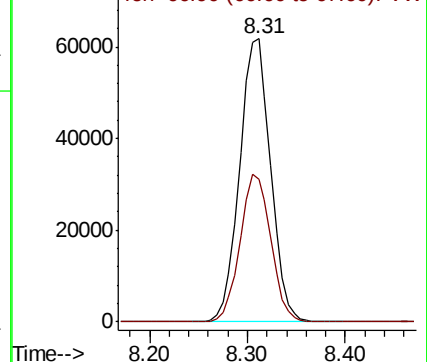
Ion Ratio Lower Upper

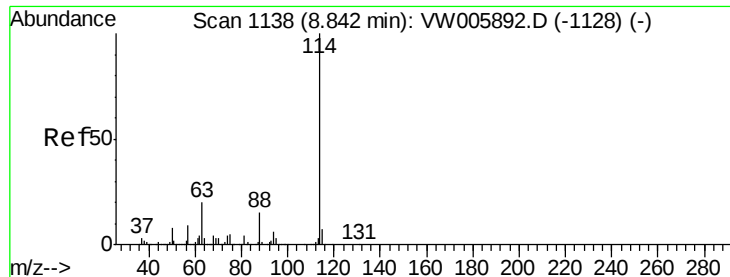
65 100

67 52.0 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

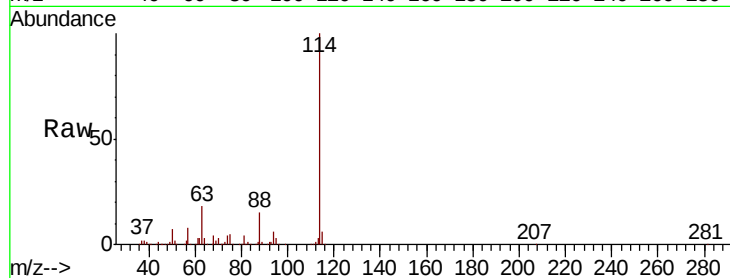




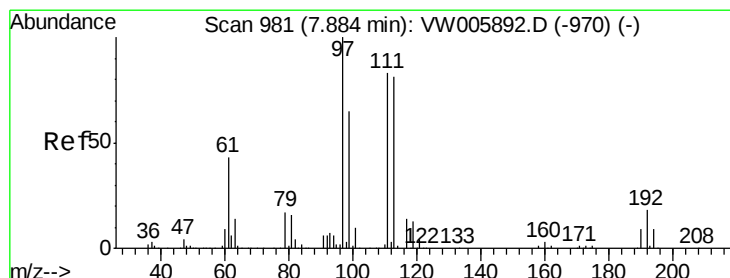
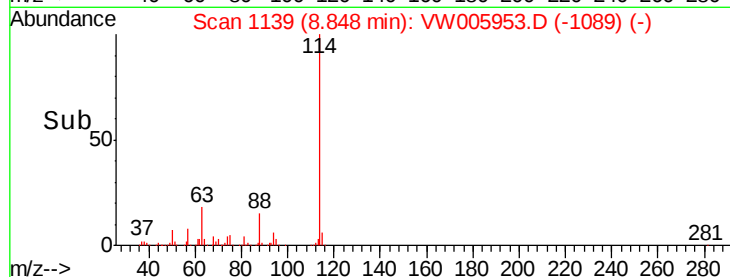
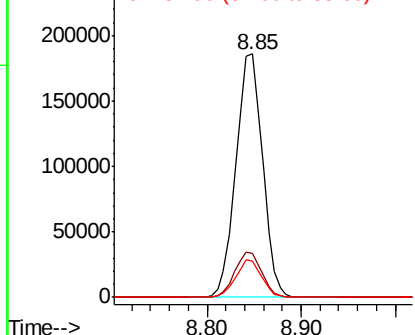
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005953.D
 Acq: 09 Oct 2018 22:22

Instrument :
 MSVOA_W
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Tgt Ion:114 Resp: 367884
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 39.2
 88 14.8 0.0 30.8

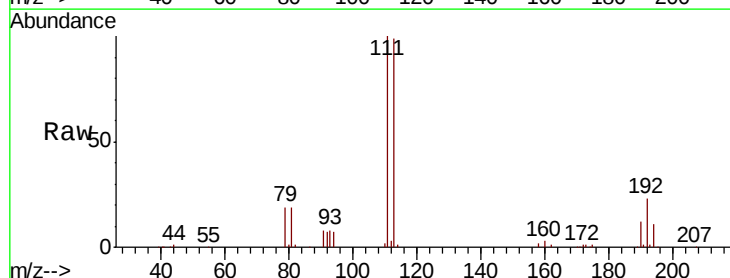


Abundance Ion 113.90 (113.60 to 114.60): V
 250000 Ion 63.00 (62.70 to 63.70): VW
 200000 Ion 87.90 (87.60 to 88.60): VW
 150000
 100000
 50000
 0

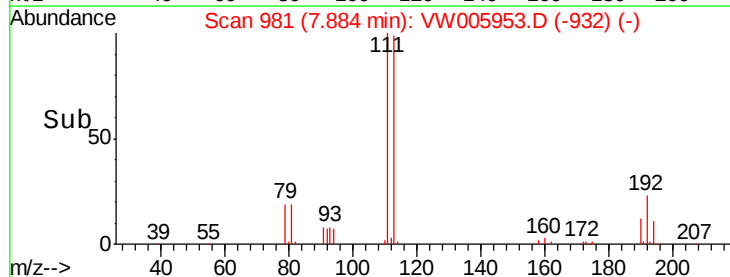
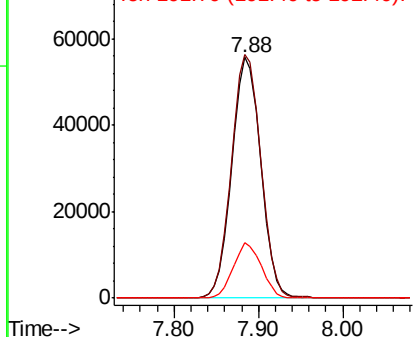


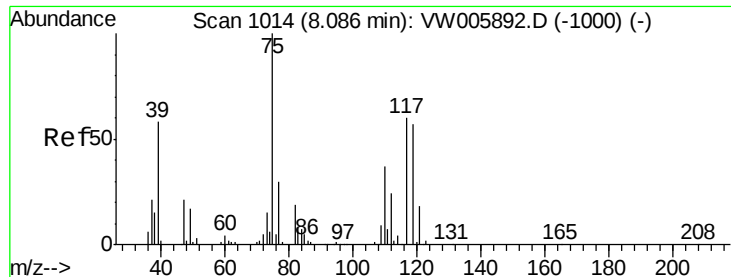
#35
 Dibromofluoromethane
 Concen: 55.037 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW005953.D
 Acq: 09 Oct 2018 22:22

Tgt Ion:113 Resp: 129270
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.0 123.0
 192 22.3 18.3 27.5



Abundance Ion 112.80 (112.50 to 113.50): V
 60000 Ion 110.80 (110.50 to 111.50): V
 40000 Ion 191.70 (191.40 to 192.40): V
 20000
 0

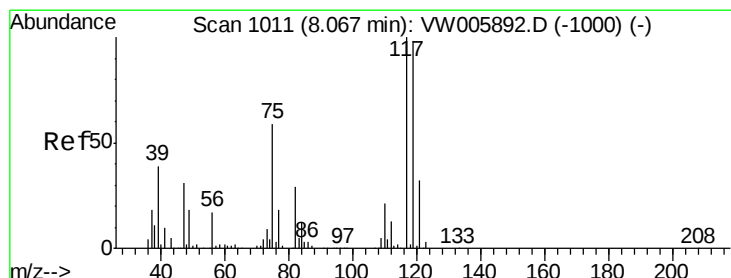
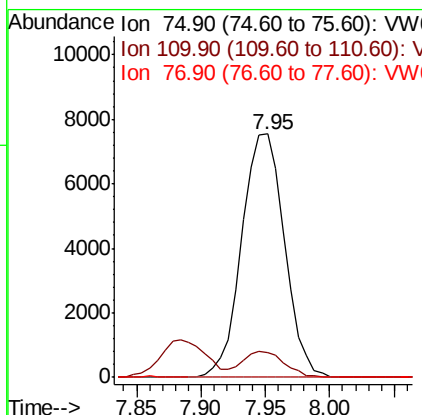
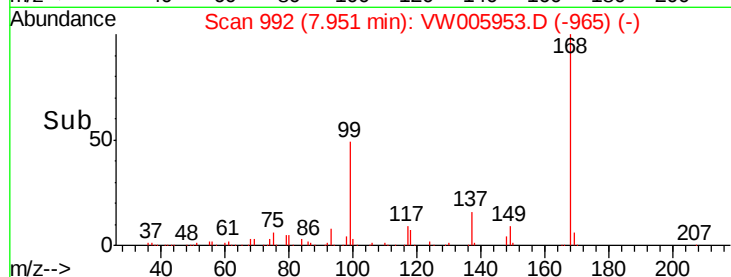
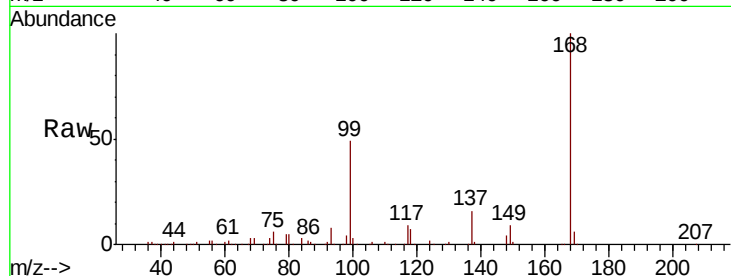




#36
 1,1-Dichloropropene
 Concen: 4.915 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW005953.D
 Acq: 09 Oct 2018 22:22

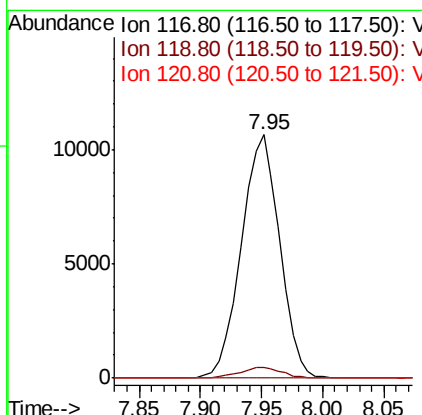
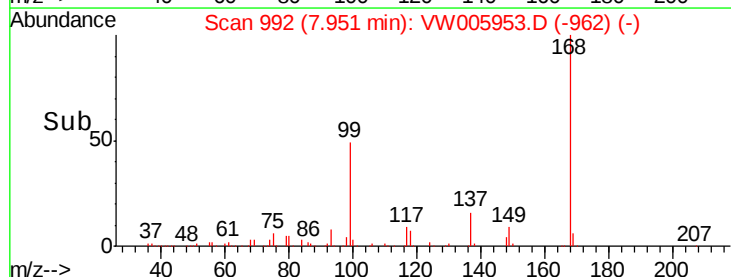
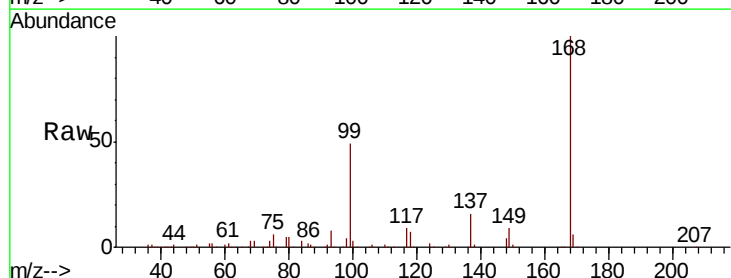
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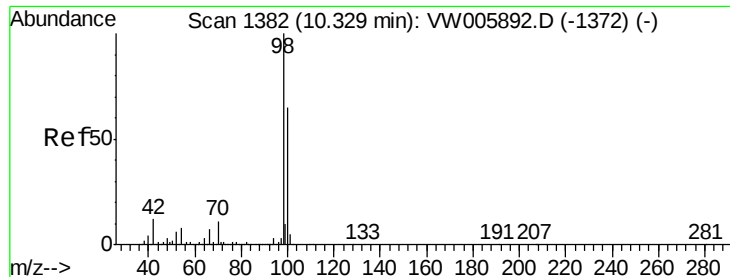
Tgt Ion: 75 Resp: 17325
 Ion Ratio Lower Upper
 75 100
 110 10.4 18.6 56.0#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.118 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW005953.D
 Acq: 09 Oct 2018 22:22

Tgt Ion: 117 Resp: 23169
 Ion Ratio Lower Upper
 117 100
 119 4.3 78.6 117.8#
 121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 28.700 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005953.D

Acq: 09 Oct 2018 22:22

Instrument :

MSVOA_W

ClientSampleId :

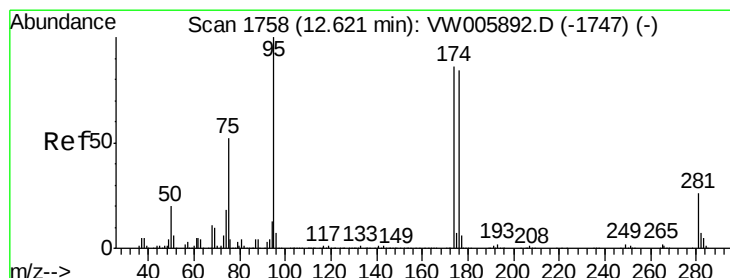
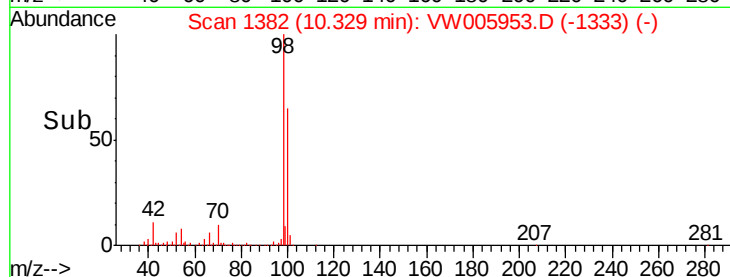
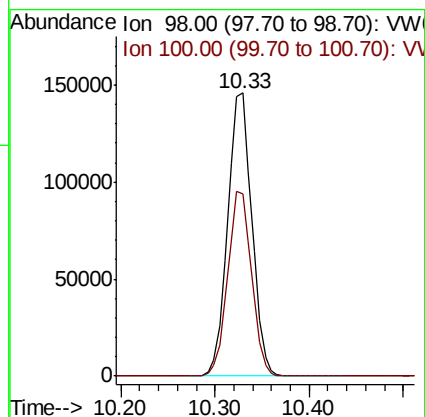
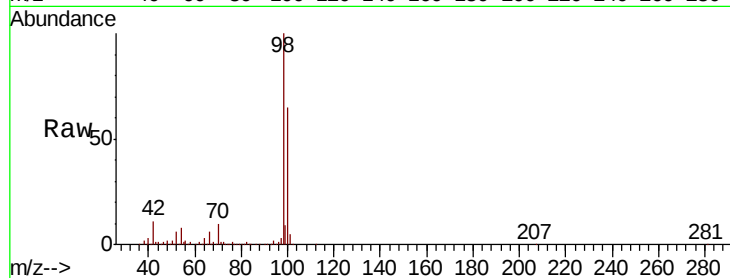
OR-03-100818-BRE

Tgt Ion: 98 Resp: 259359

Ion Ratio Lower Upper

98 100

100 64.6 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 40.026 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005953.D

Acq: 09 Oct 2018 22:22

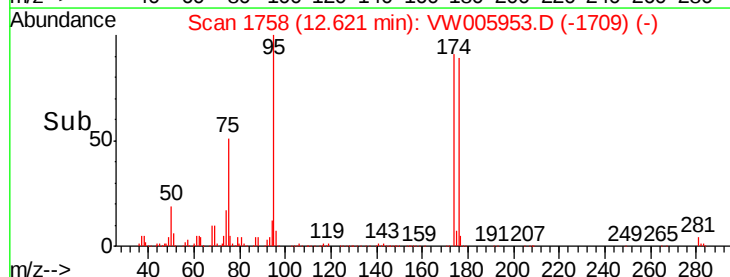
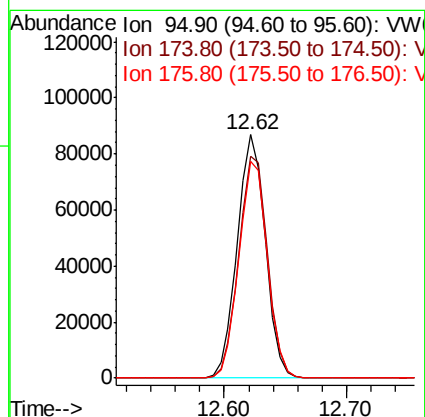
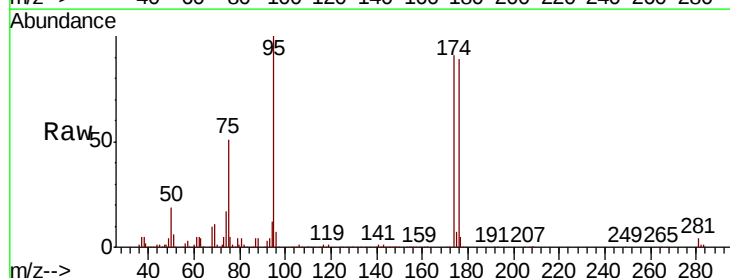
Tgt Ion: 95 Resp: 137617

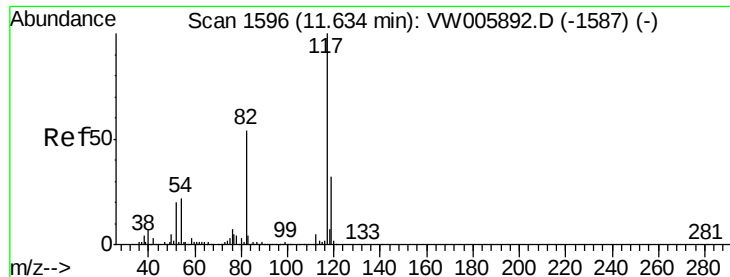
Ion Ratio Lower Upper

95 100

174 93.8 0.0 176.4

176 90.6 0.0 173.0

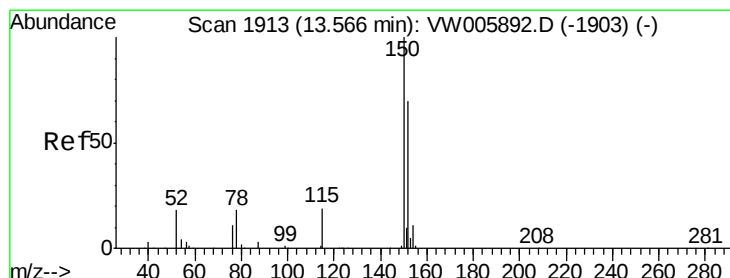
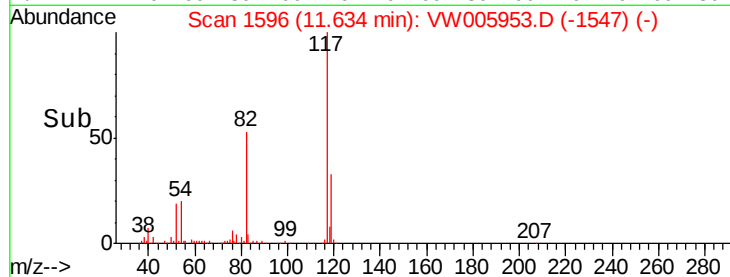
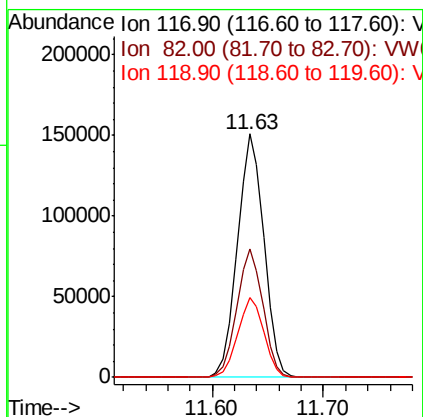
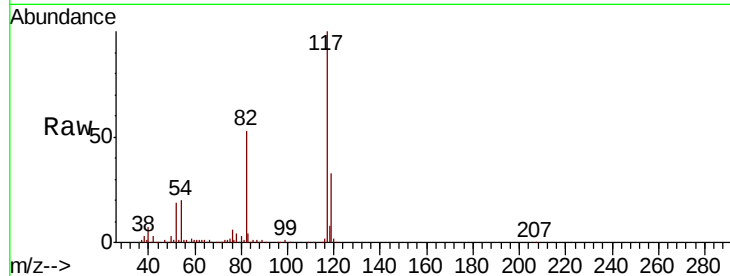




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005953.D
Acq: 09 Oct 2018 22:22

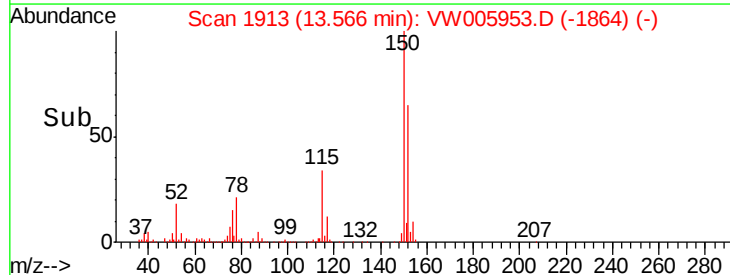
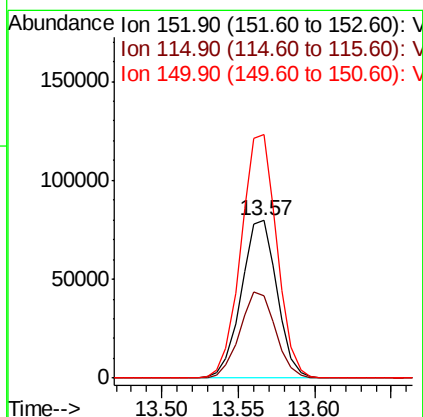
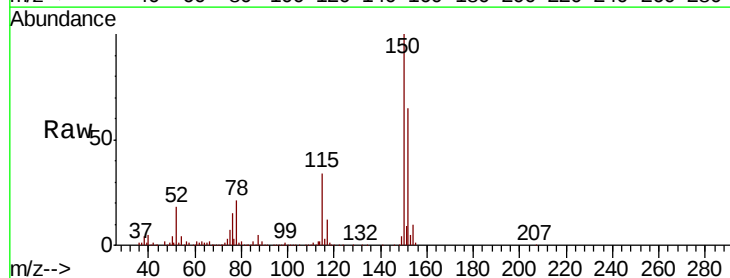
Instrument :
MSVOA_W
ClientSampleId :
OR-03-100818-BRE

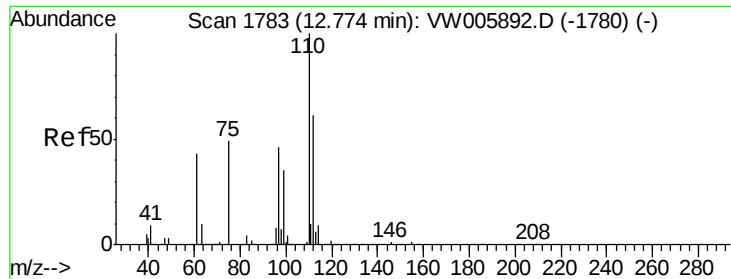
Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.8	43.5	65.3
119	32.5	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005953.D
Acq: 09 Oct 2018 22:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.4	28.3	85.0
150	154.7	0.0	349.2

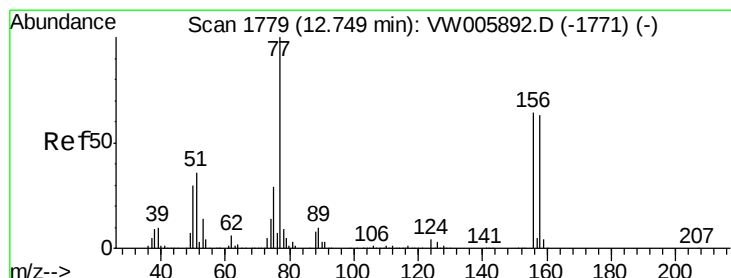
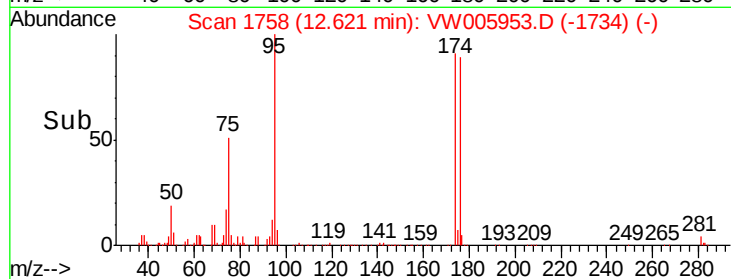
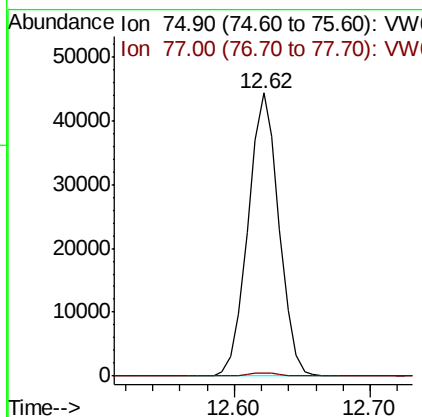
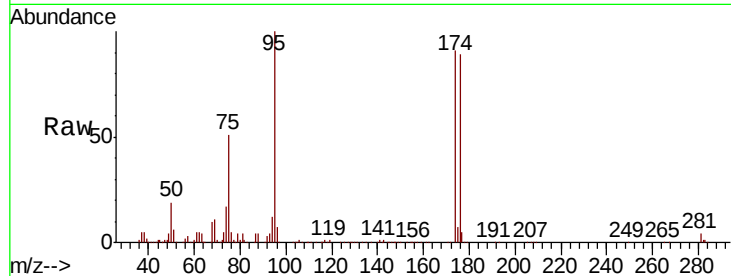




#76
 1,2,3-Trichloropropane
 Concen: 61.154 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW005953.D
 Acq: 09 Oct 2018 22:22

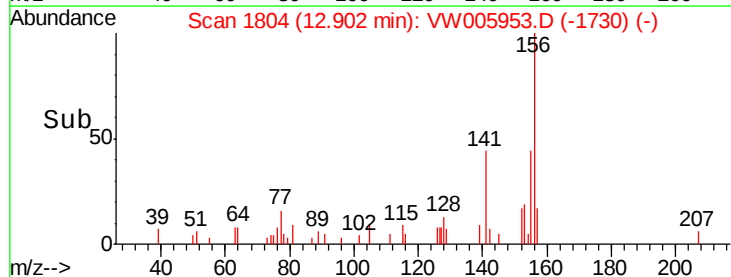
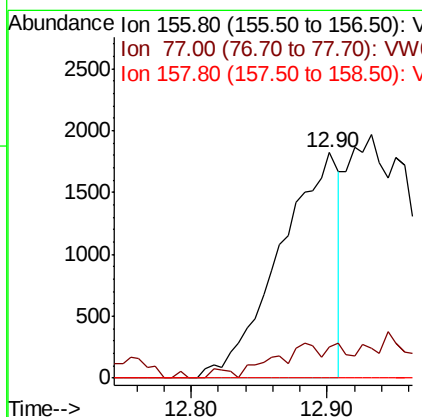
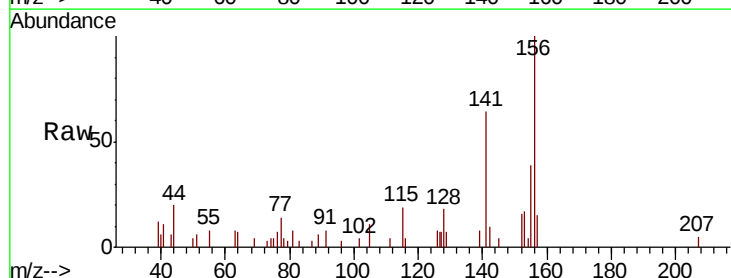
Instrument :
 MSVOA_W
 ClientSampleId :
 OR-03-100818-BRE

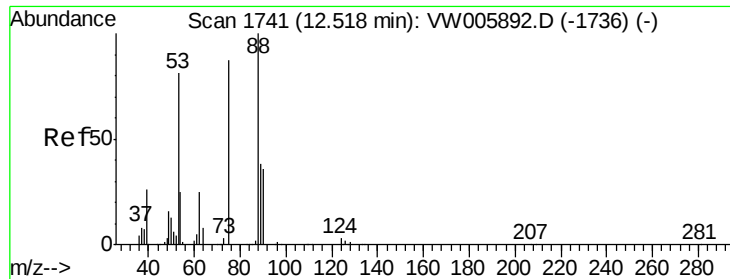
Tgt Ion: 75 Resp: 70413
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#77
 Bromobenzene
 Concen: 2.458 ug/l
 RT: 12.90 min Scan# 1804
 Delta R.T. 0.15 min
 Lab File: VW005953.D
 Acq: 09 Oct 2018 22:22

Tgt Ion: 156 Resp: 5481
 Ion Ratio Lower Upper
 156 100
 77 11.7 85.8 257.4#
 158 0.0 49.1 147.4#





#81

trans-1,4-Dichloro-2-butene

Concen: 129.102 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005953.D

Acq: 09 Oct 2018 22:22

Instrument :

MSVOA_W

ClientSampleId :

OR-03-100818-BRE

Tgt Ion: 75 Resp: 70413

Ion Ratio Lower Upper

75 100

53 0.0 76.5 114.7#

89 0.0 37.6 56.4#

