

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092518\
 Data File : VW005649.D
 Acq On : 26 Sep 2018 09:48
 Operator : VA/AP
 Sample : J4774-05RE
 Misc : 6.64G/5ML/MSVOA W/SOIL
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-03-092418RE

Quant Time: Sep 26 11:42:55 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	7.96	168	173388	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	291528	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	243242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	88071	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	149588	73.23	ug/l	0.00
Spiked Amount			Recovery	=	146.46%	
35) Dibromofluoromethane	7.89	113	46250	25.23	ug/l	0.00
Spiked Amount			Recovery	=	50.46%	
50) Toluene-d8	10.33	98	382010	51.17	ug/l	0.00
Spiked Amount			Recovery	=	102.34%	
62) 4-Bromofluorobenzene	12.63	95	111470	40.36	ug/l	0.00
Spiked Amount			Recovery	=	80.72%	

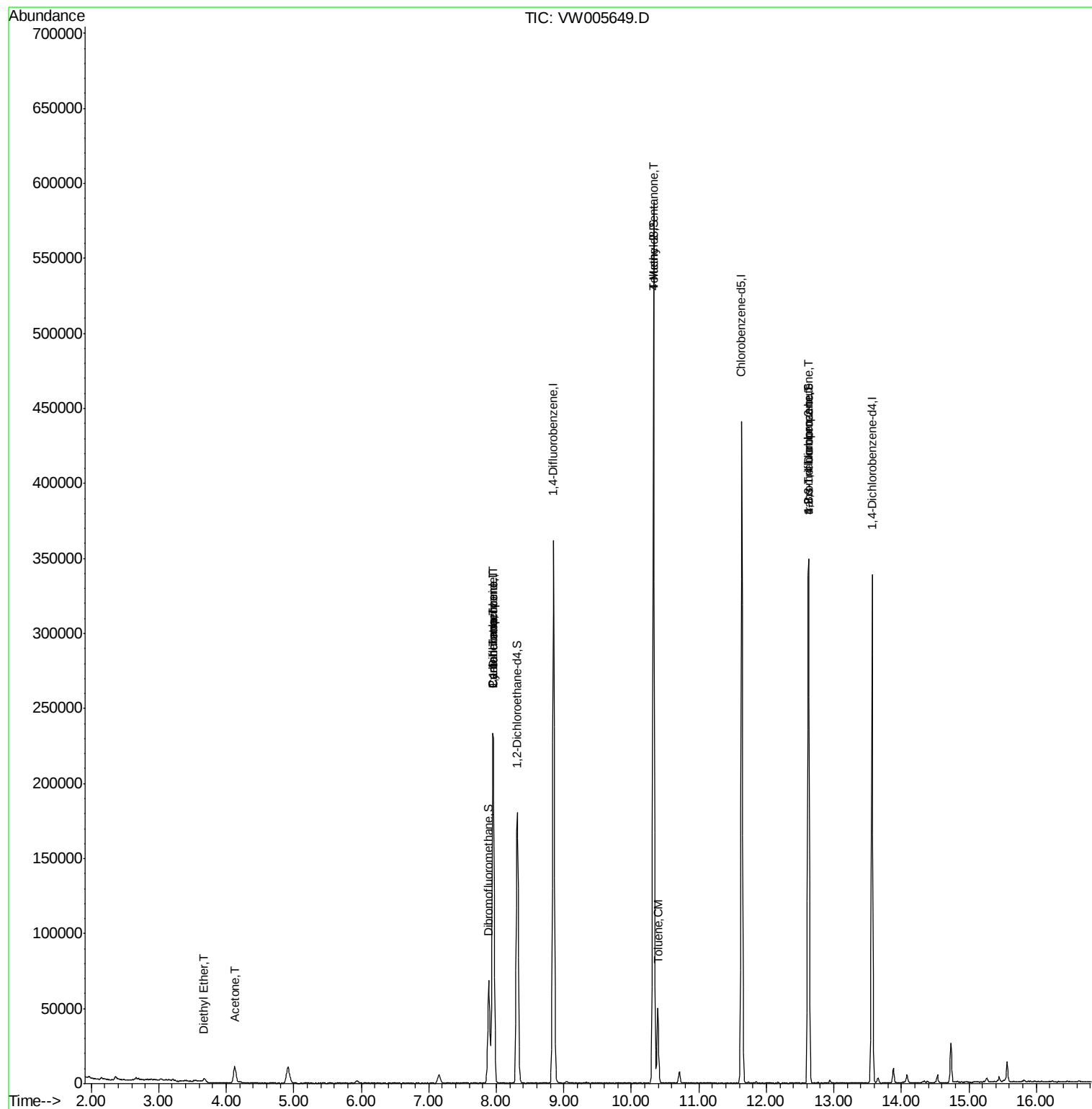
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.67	74	1090	1.281	ug/l	97
11) Tert butyl alcohol	5.17	59	140	Below Cal	#	72
16) Acetone	4.13	43	19998	54.912	ug/l	100
31) Cyclohexane	7.95	56	4102	1.295	ug/l #	1
36) 1,1-Dichloropropene	7.96	75	13154	4.482	ug/l #	50
38) Carbon Tetrachloride	7.95	117	16633	5.289	ug/l #	16
51) 4-Methyl-2-Pentanone	10.33	43	1807	1.478	ug/l #	1
52) Toluene	10.40	92	20572	3.965	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	58426	77.824	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	58426	175.283	ug/l #	7

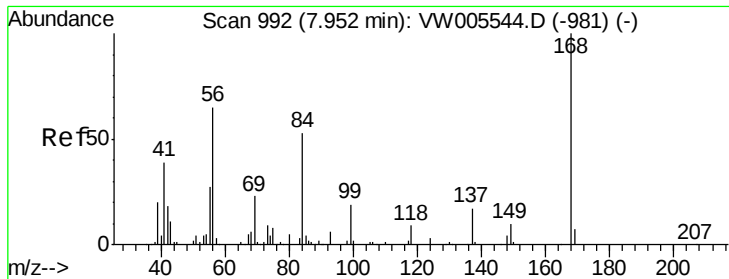
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092518\
Data File : VW005649.D
Acq On : 26 Sep 2018 09:48
Operator : VA/AP
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Misc : 6.64G/5ML/MSVOA W/SOIL
ALS Vial : 55 Sample Multiplier: 1

Instrument :
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Quant Time: Sep 26 11:42:55 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



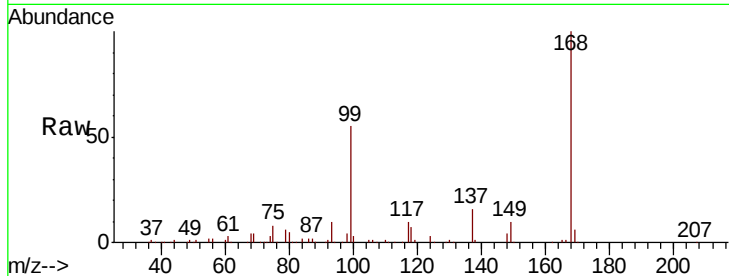


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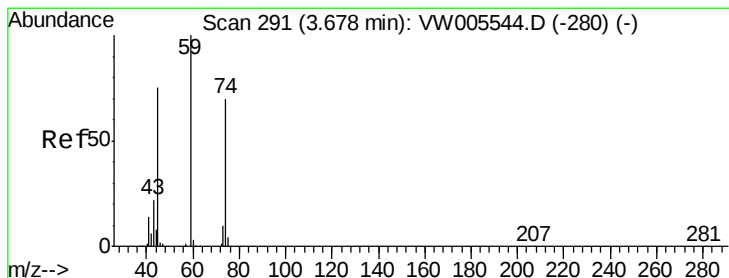
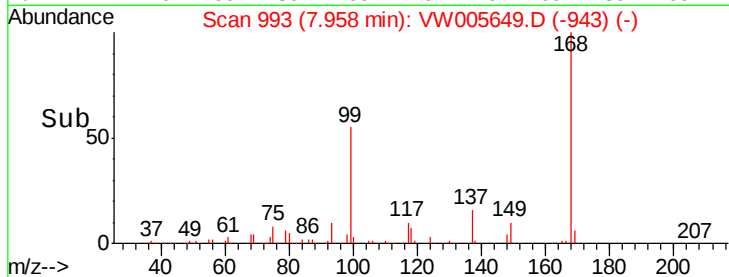
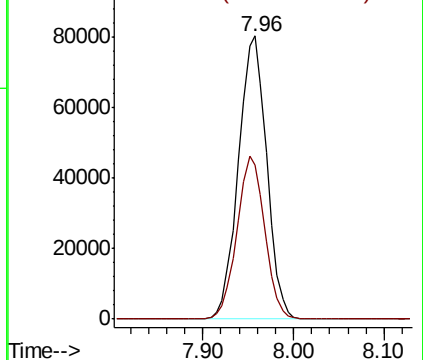
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. 0.01 min
 Lab File: VW005649.D
 Acq: 26 Sep 2018 09:48

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-03-092418RE

Tot Ion:168 Resp: 173388
 Ion Ratio Lower Upper
 168 100
 99 54.6 48.4 72.6



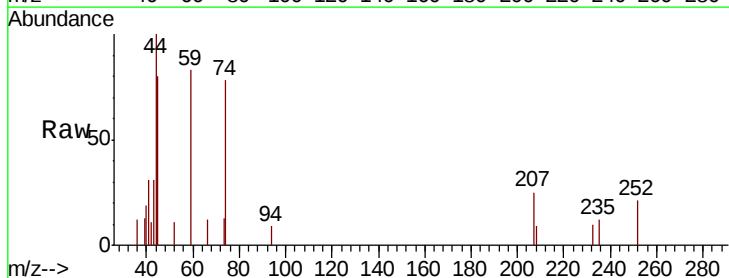
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VW



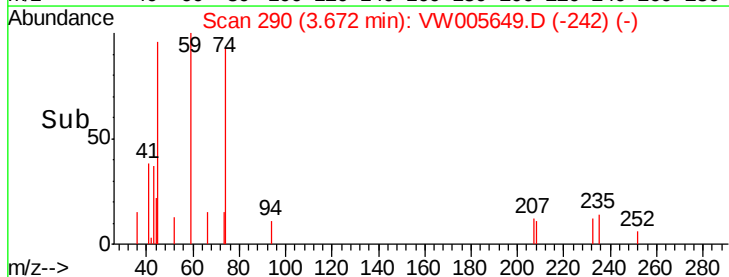
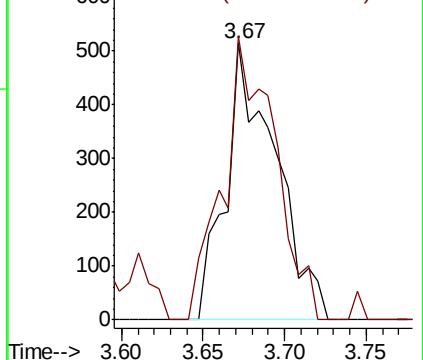
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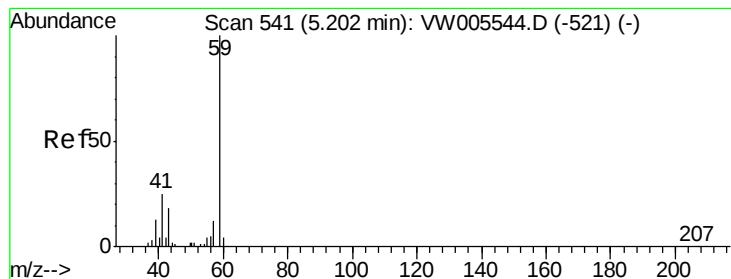
Diethyl Ether
 Concen: 1.281 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW005649.D
 Acq: 26 Sep 2018 09:48

Tgt Ion: 74 Resp: 1090
 Ion Ratio Lower Upper
 74 100
 45 106.9 51.7 155.2



Abundance Ion 74.00 (73.70 to 74.70): VW
 Ion 45.00 (44.70 to 45.70): VW



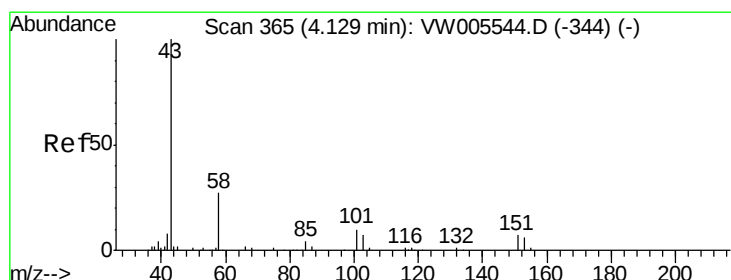
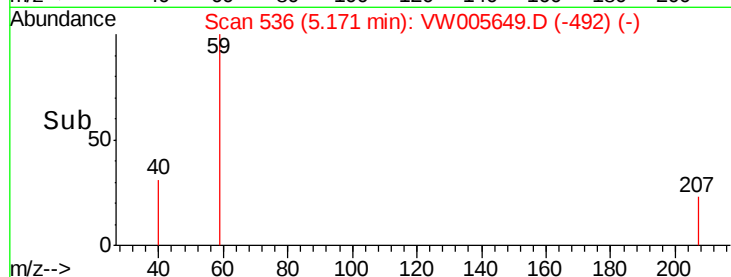
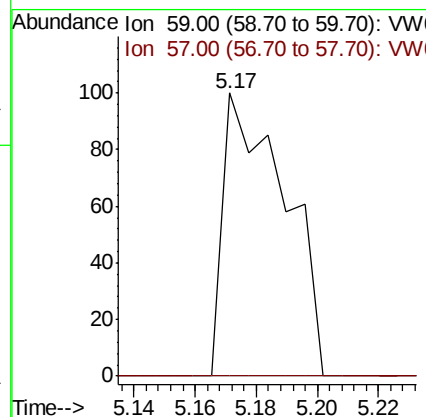
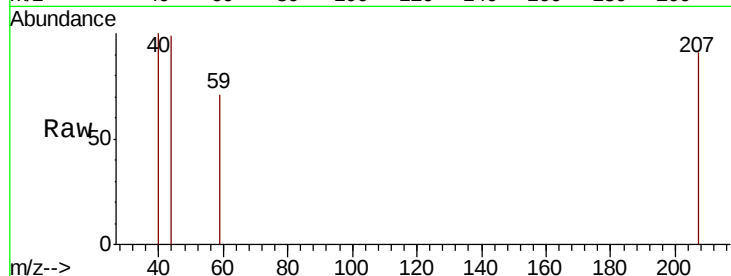


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.17 min Scan# 536
 Delta R.T. -0.03 min
 Lab File: VW005649.D
 Acq: 26 Sep 2018 09:48

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-03-092418RE

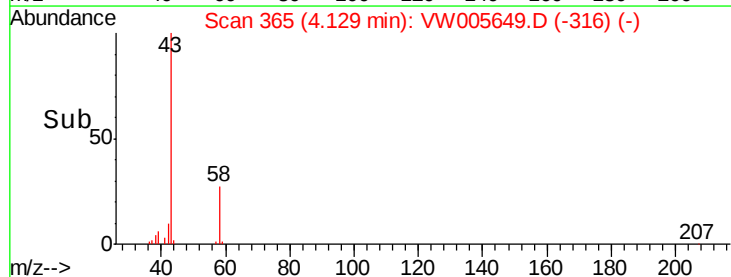
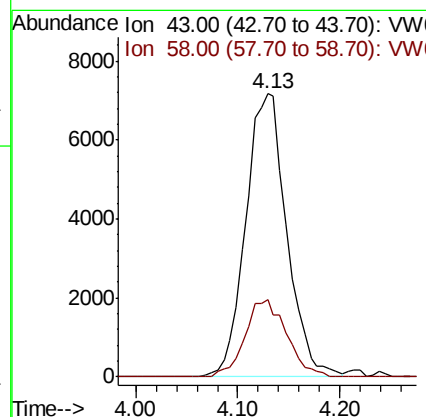
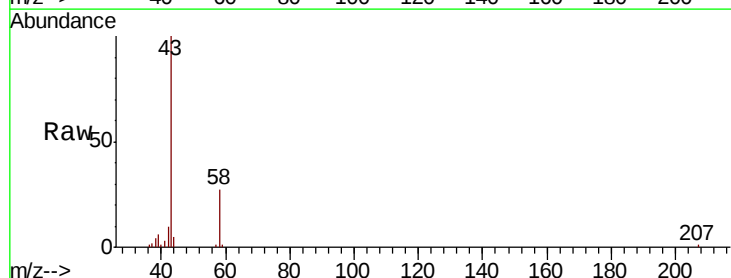
Tot Ion: 59 Resp: 140
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

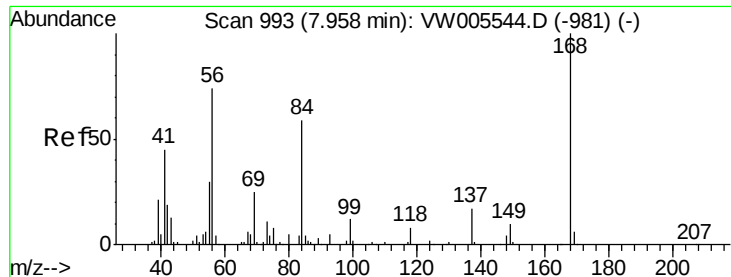


#16

Acetone
 Concen: 54.912 ug/l
 RT: 4.13 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VW005649.D
 Acq: 26 Sep 2018 09:48

Tgt Ion: 43 Resp: 19998
 Ion Ratio Lower Upper
 43 100
 58 27.2 21.8 32.8

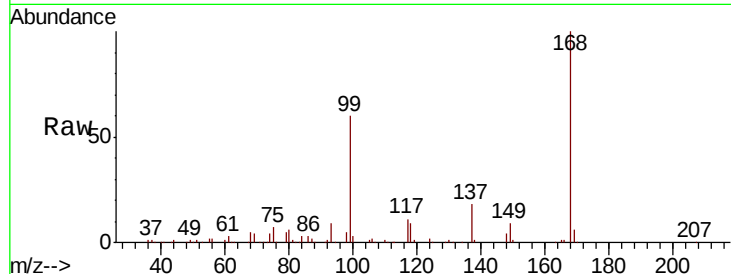




#31
Cyclohexane
Concen: 1.295 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005649.D
Acq: 26 Sep 2018 09:48

Instrument :
MSVOA_W
ClientSampleId :
OK-03-092418RE

Tot Ion	56	Resp	4102
Ion	Ratio	Lower	Upper
56	100		
69	155.9	27.0	40.4#
84	124.9	64.2	96.4#

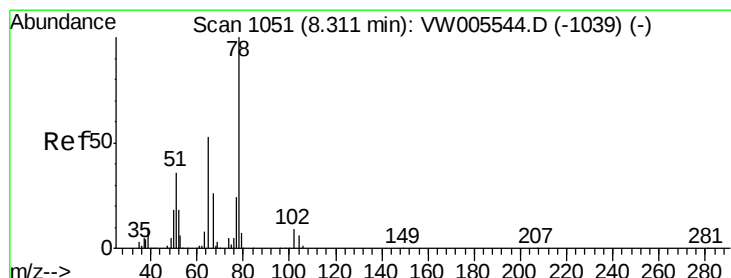
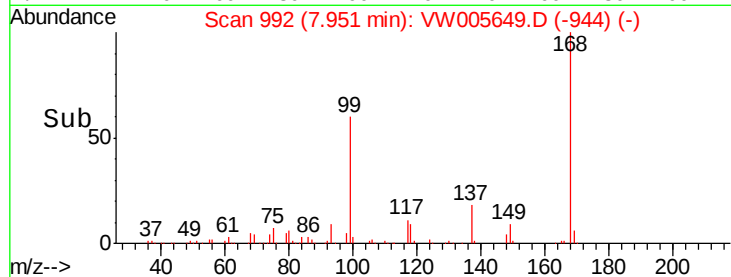
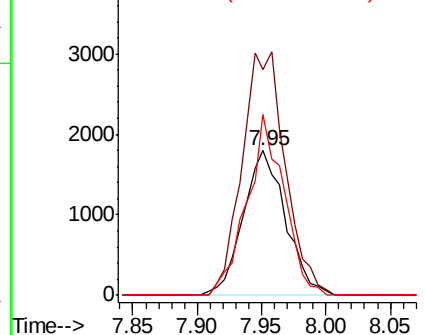


Abundance

Ion 56.00 (55.70 to 56.70): VW

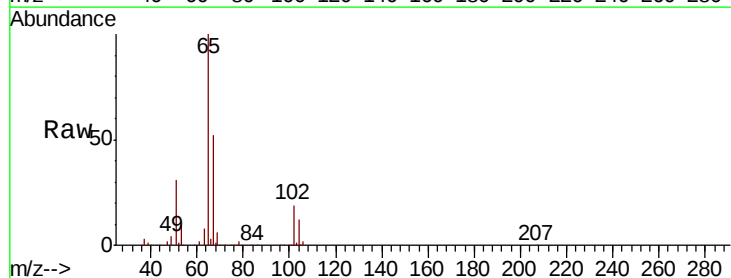
Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#33
1,2-Dichloroethane-d4
Concen: 73.233 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW005649.D
Acq: 26 Sep 2018 09:48

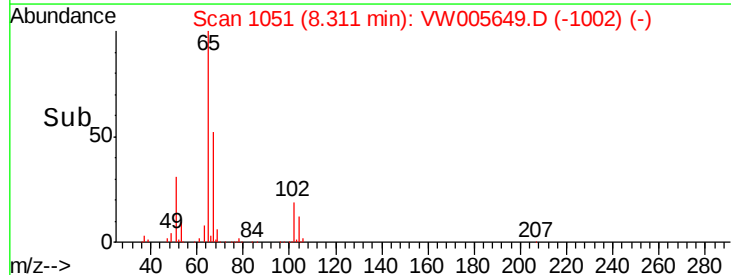
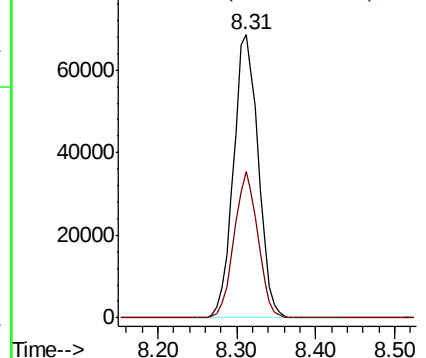
Tgt Ion	65	Resp	149588
Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	100.6

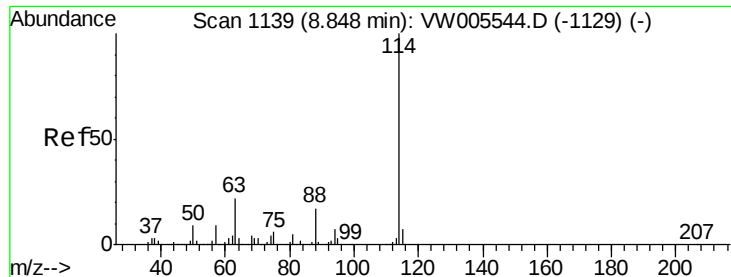


Abundance

Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

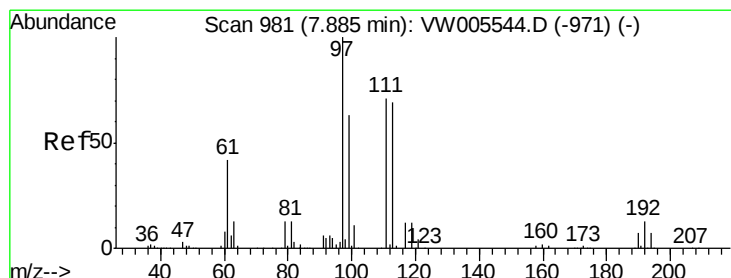
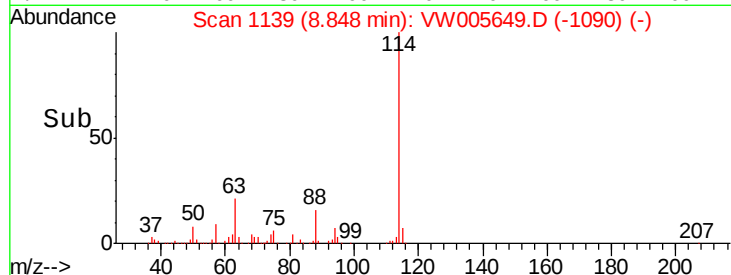
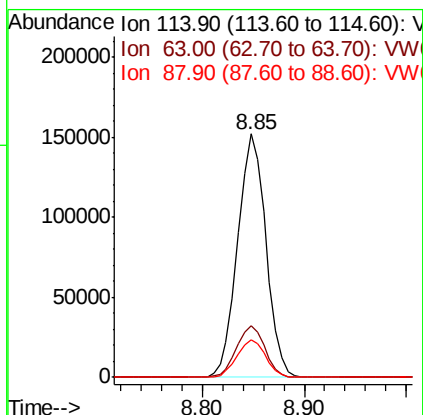
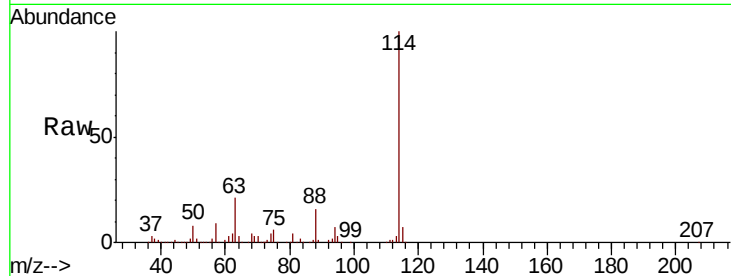




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005649.D
 Acq: 26 Sep 2018 09:48

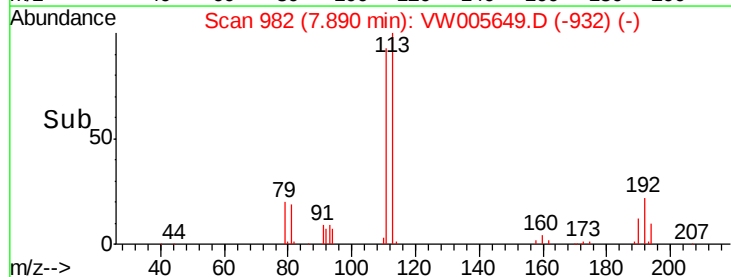
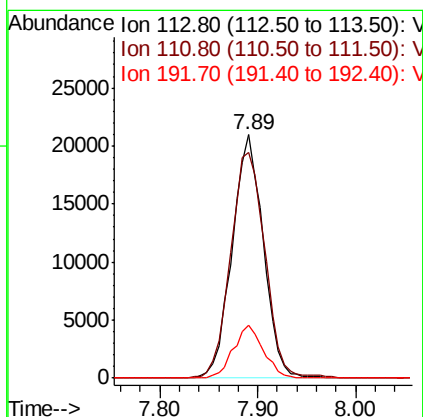
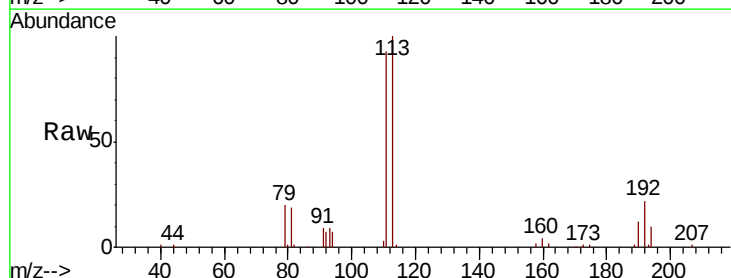
Instrument :
 MSVOA_W
 ClientSampleId :
 OK-03-092418RE

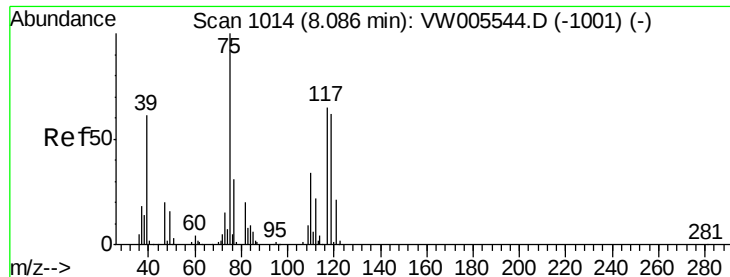
Tot Ion:114	Resp:	291528
Ion Ratio	Lower	Upper
114 100		
63 21.3	0.0	43.0
88 15.7	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 25.228 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005649.D
 Acq: 26 Sep 2018 09:48

Tgt Ion:113	Resp:	46250
Ion Ratio	Lower	Upper
113 100		
111 102.2	82.6	123.8
192 20.8	17.0	25.4

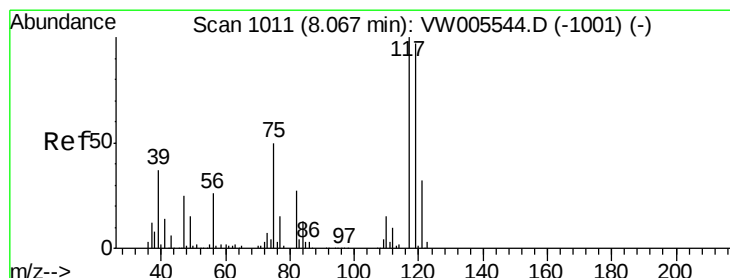
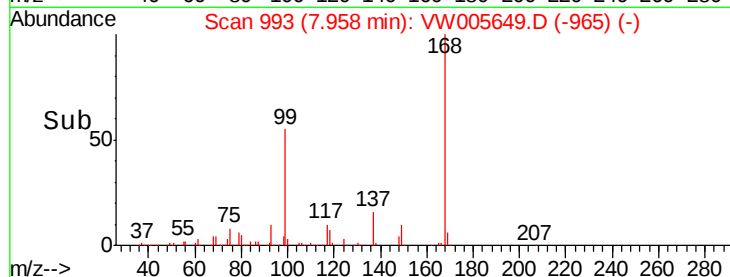
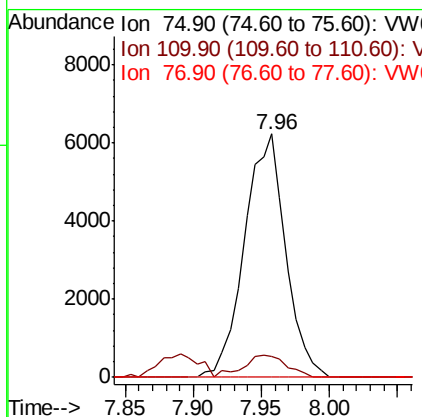
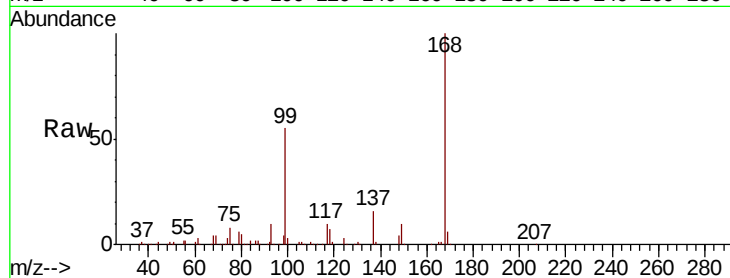




#36
 1,1-Dichloropropene
 Concen: 4.482 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VW005649.D
 Acq: 26 Sep 2018 09:48

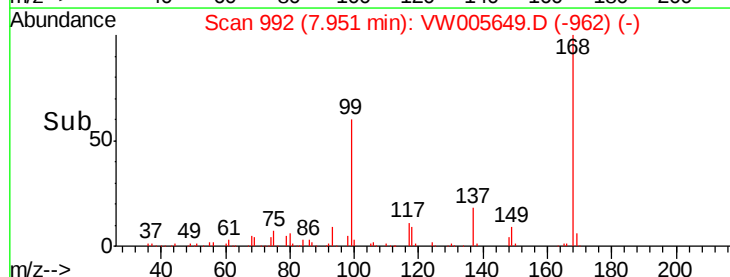
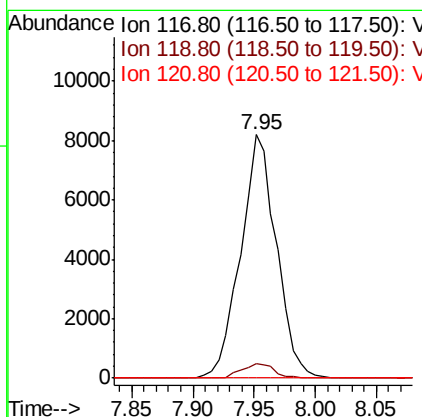
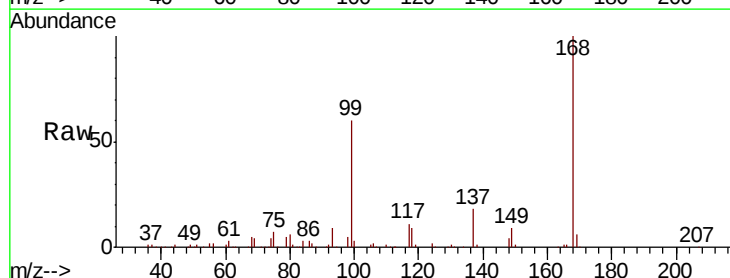
Instrument :
 MSVOA_W
 ClientSampleId :
 OK-03-092418RE

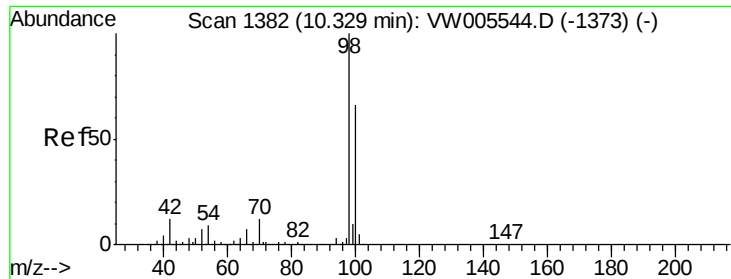
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.0	50.9#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 5.289 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW005649.D
 Acq: 26 Sep 2018 09:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.2	77.6	116.4#
121	0.0	25.7	38.5#





#50

Toluene-d8

Concen: 51.175 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005649.D

Acq: 26 Sep 2018 09:48

Instrument :

MSVOA_W

ClientSampleId :

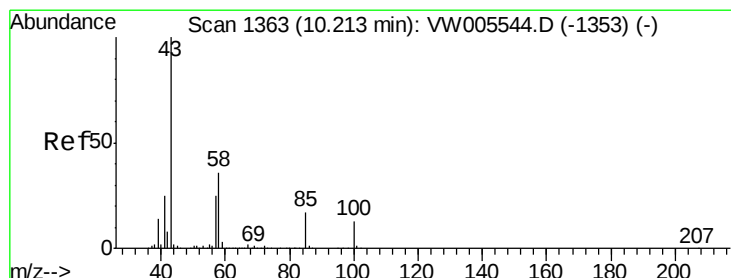
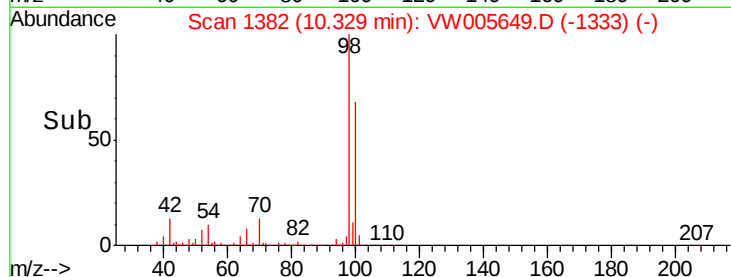
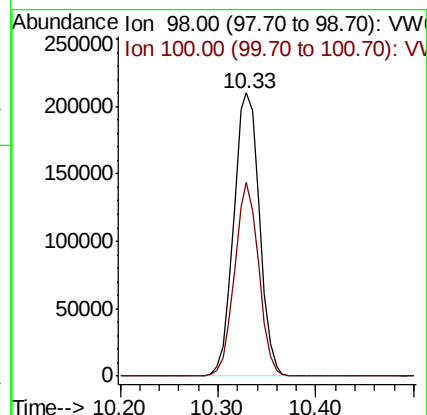
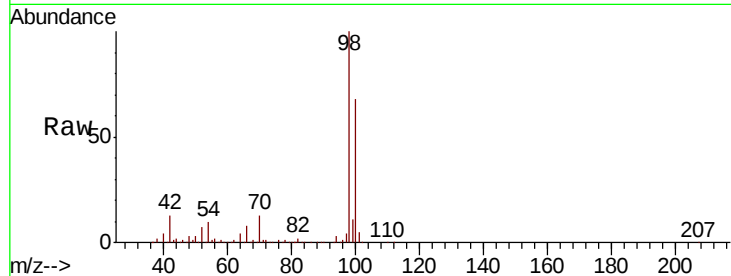
OK-03-092418RE

Tot Ion: 98 Resp: 382010

Ion Ratio Lower Upper

98 100

100 64.0 51.6 77.4



#51

4-Methyl-2-Pentanone

Concen: 1.478 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.12 min

Lab File: VW005649.D

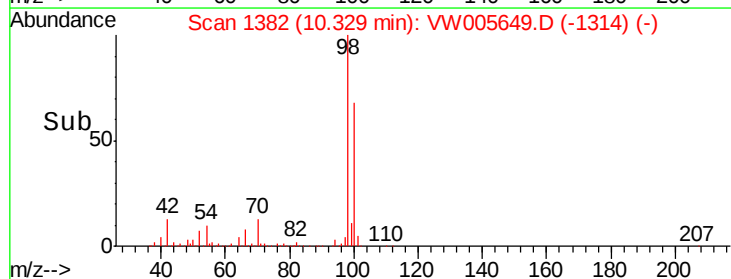
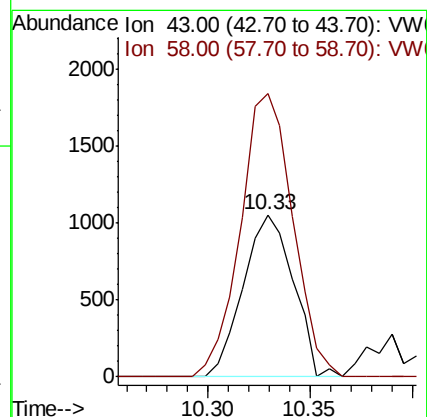
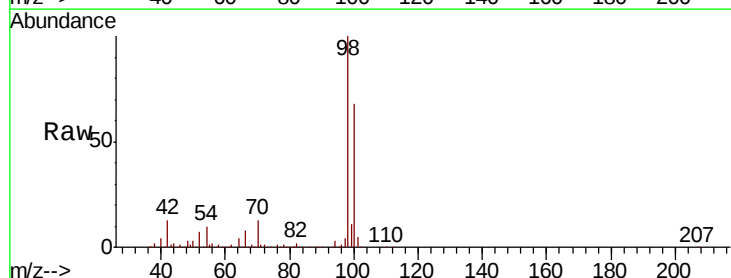
Acq: 26 Sep 2018 09:48

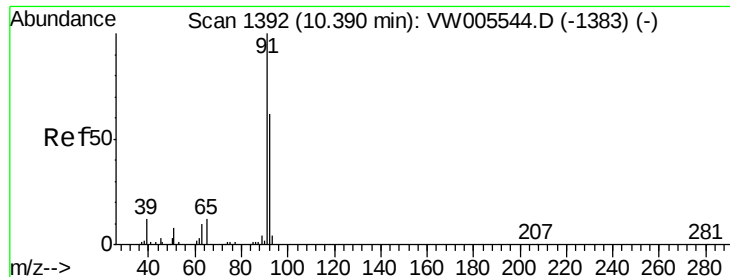
Tgt Ion: 43 Resp: 1807

Ion Ratio Lower Upper

43 100

58 181.7 30.0 45.0#





#52

Toluene

Concen: 3.965 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW005649.D

Acq: 26 Sep 2018 09:48

Instrument :

MSVOA_W

ClientSampleId :

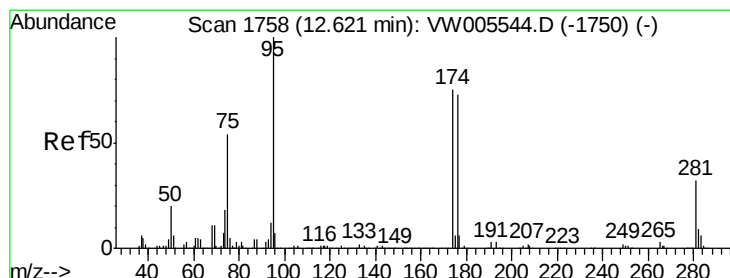
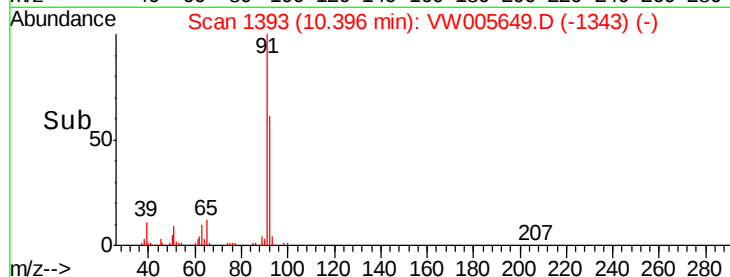
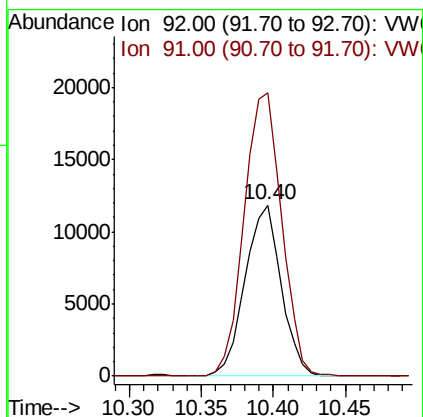
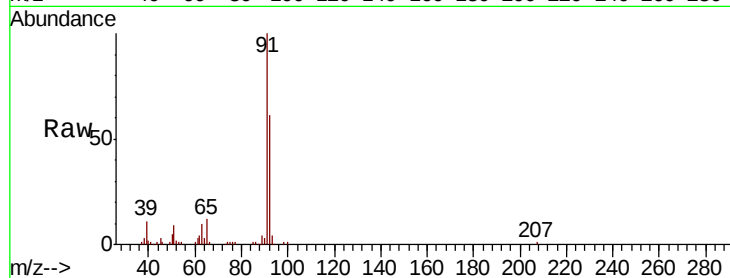
OK-03-092418RE

Tot Ion: 92 Resp: 20572

Ion Ratio Lower Upper

92 100

91 172.1 137.1 205.7



#62

4-Bromofluorobenzene

Concen: 40.356 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005649.D

Acq: 26 Sep 2018 09:48

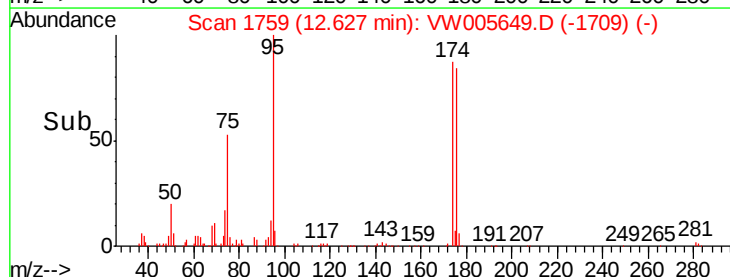
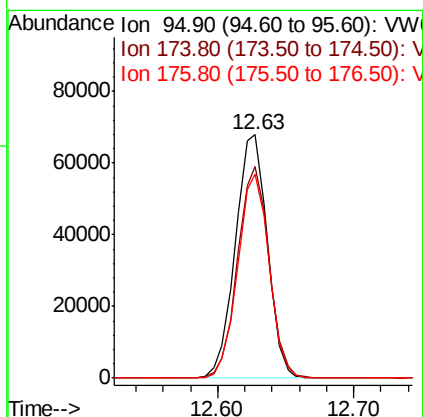
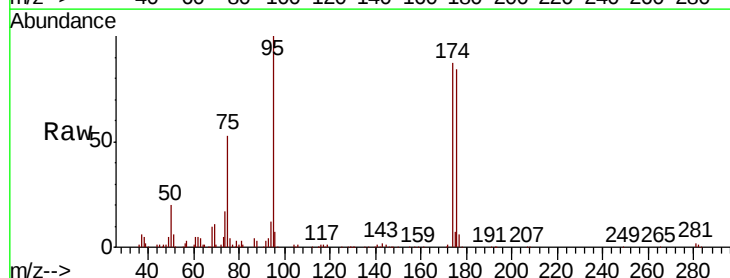
Tgt Ion: 95 Resp: 111470

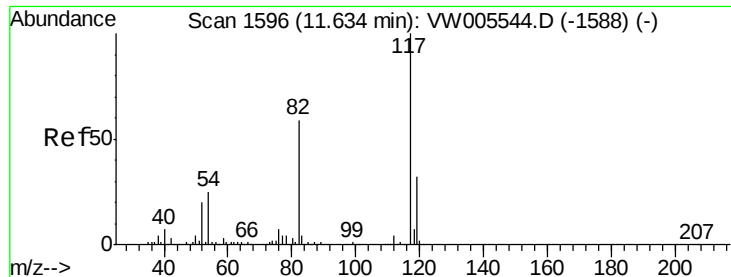
Ion Ratio Lower Upper

95 100

174 85.4 0.0 163.8

176 82.2 0.0 158.0

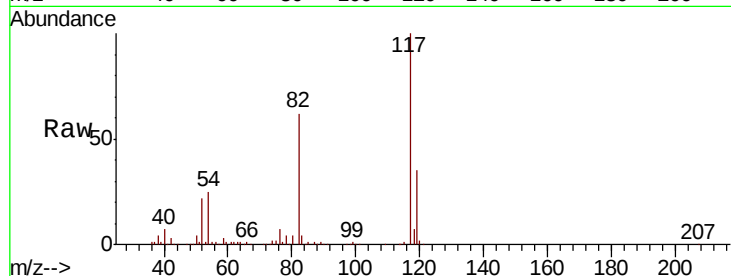




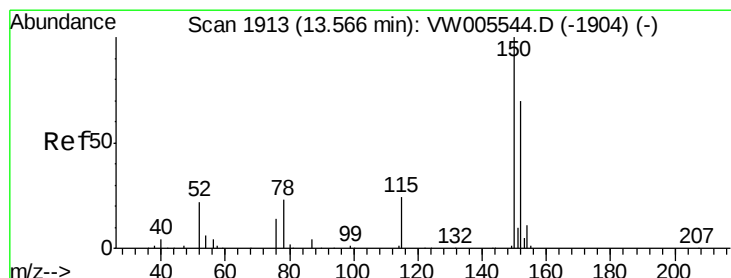
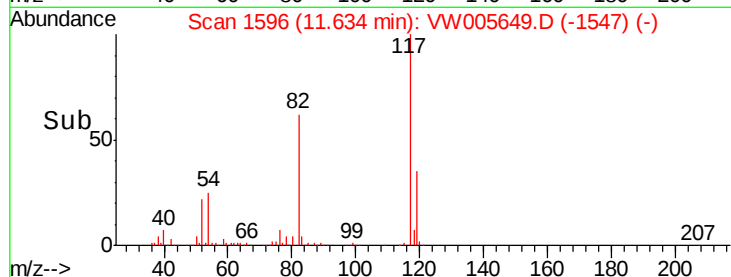
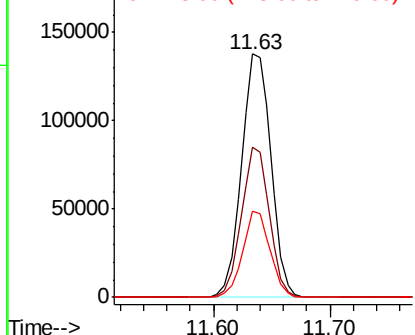
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005649.D
Acq: 26 Sep 2018 09:48

Instrument :
MSVOA_W
ClientSampleId :
OK-03-092418RE

Tot Ion:117 Resp: 243242
Ion Ratio Lower Upper
117 100
82 61.7 46.9 70.3
119 35.2 25.7 38.5

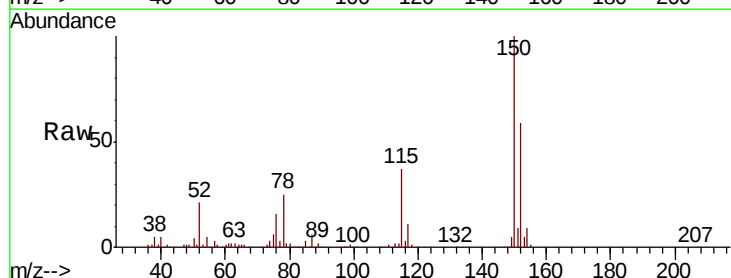


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

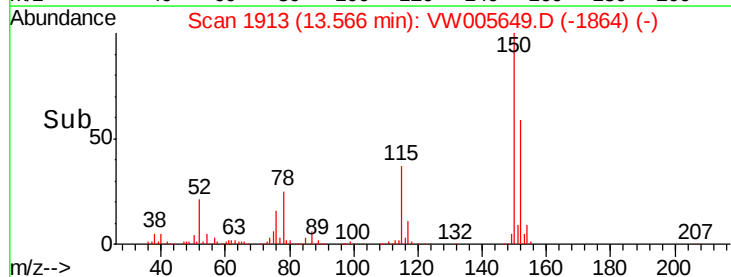
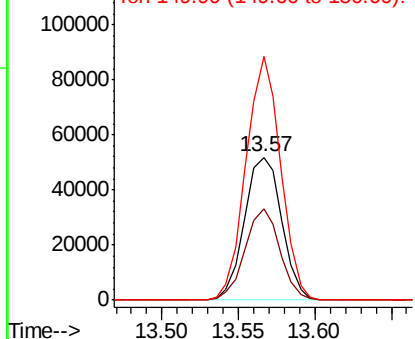


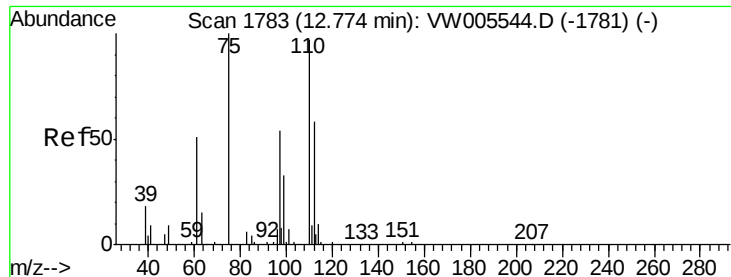
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005649.D
Acq: 26 Sep 2018 09:48

Tgt Ion:152 Resp: 88071
Ion Ratio Lower Upper
152 100
115 59.8 30.0 90.0
150 158.2 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: 77.824 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. -0.15 min

Lab File: VW005649.D

Acq: 26 Sep 2018 09:48

Instrument :

MSVOA_W

ClientSampleId :

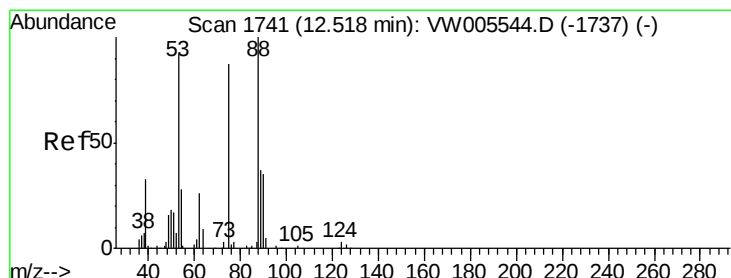
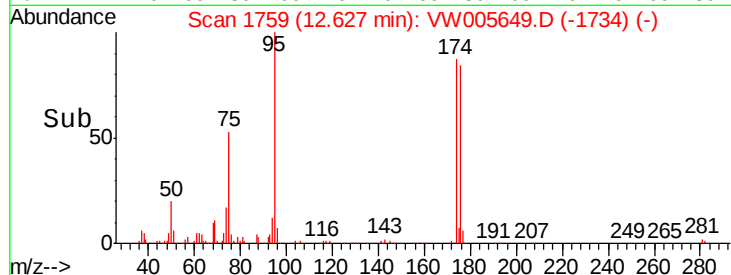
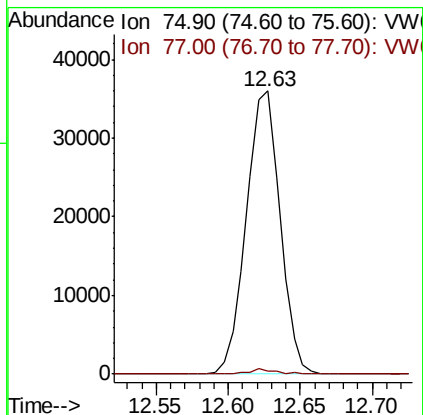
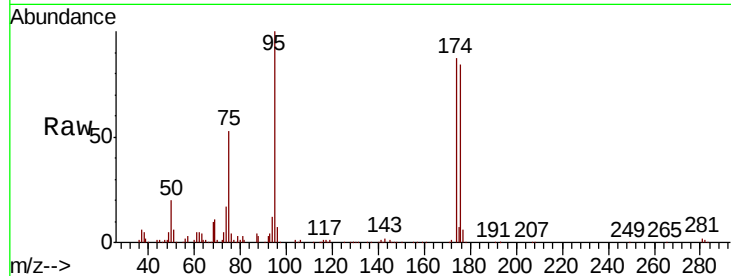
OK-03-092418RE

Tot Ion: 75 Resp: 58426

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 175.283 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.11 min

Lab File: VW005649.D

Acq: 26 Sep 2018 09:48

Tgt Ion: 75 Resp: 58426

Ion Ratio Lower Upper

75 100

53 0.1 85.8 128.6#

89 0.0 37.3 55.9#

