

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061518\
 Data File : VW003271.D
 Acq On : 14 Jun 2018 23:07
 Operator : VA/AP
 Sample : J3488-01
 Misc : 7.30G/5ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FS-RO-3091

Quant Time: Jun 15 06:48:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 14 08:20:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	57757	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	84352	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	73222	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	27986	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	29670	47.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.86%	
35) Dibromofluoromethane	7.89	113	24506	46.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.50%	
50) Toluene-d8	10.33	98	71401	34.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.72%	
62) 4-Bromofluorobenzene	12.63	95	22567	30.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	61.36%	

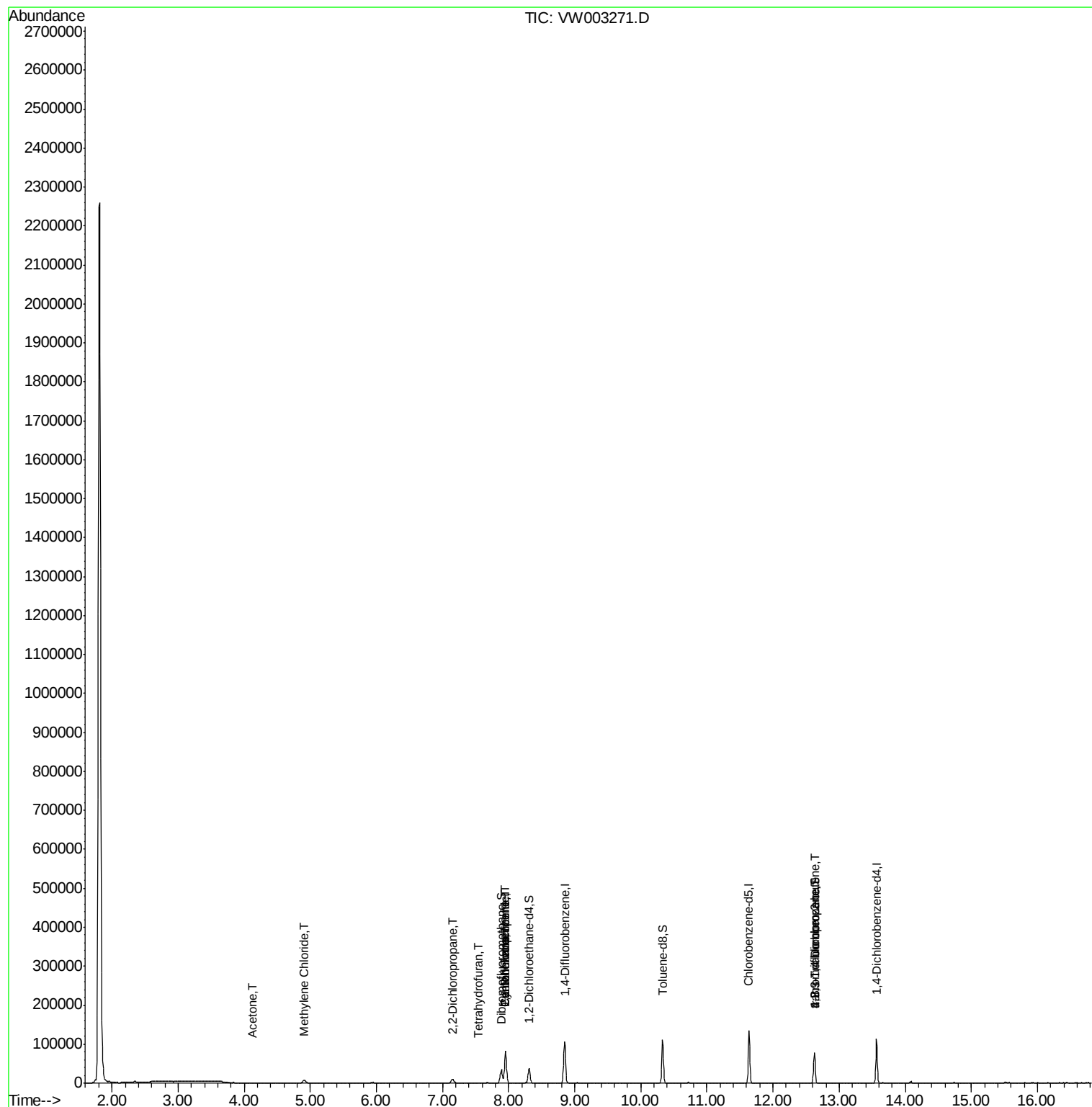
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	682	5.198	ug/l #	46
20) Methylene Chloride	4.90	84	4806	5.344	ug/l	83
26) 2,2-Dichloropropane	7.16	77	837	1.159	ug/l #	53
29) Tetrahydrofuran	7.54	42	166	1.665	ug/l #	35
31) Cyclohexane	7.95	56	1769	1.750	ug/l #	60
36) 1,1-Dichloropropene	7.95	75	4862	5.968	ug/l #	50
38) Carbon Tetrachloride	7.96	117	5687	7.117	ug/l #	14
76) 1,2,3-Trichloropropane	12.63	75	12379	51.741	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	12379	119.060	ug/l #	9

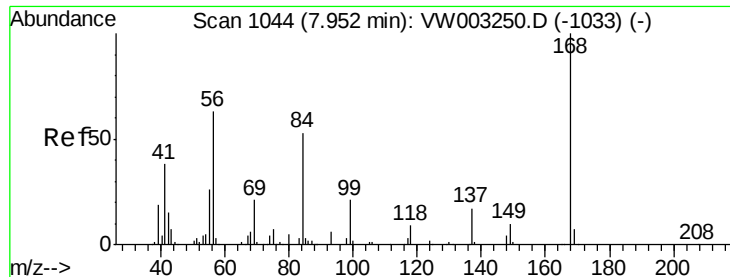
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003271.D

Acq: 14 Jun 2018 23:07

Instrument :

MSVOA_W

ClientSampleId :

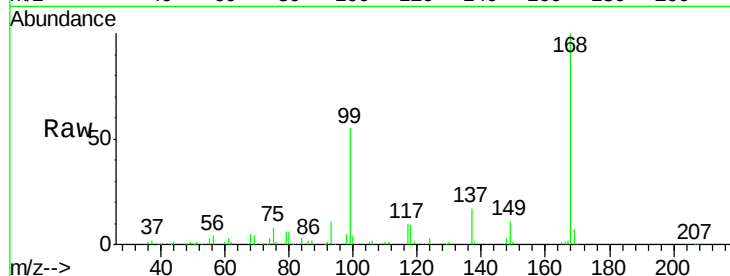
FS-RO-3091

Tgt Ion:168 Resp: 57757

Ion Ratio Lower Upper

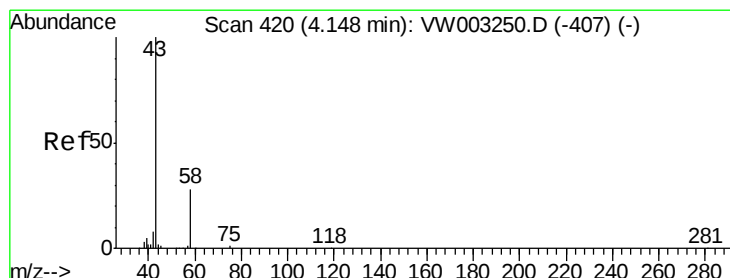
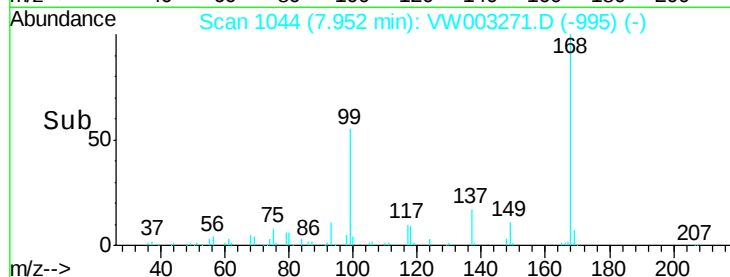
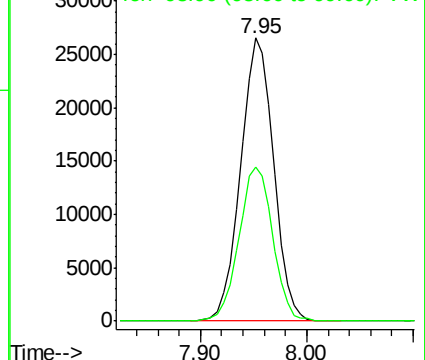
168 100

99 54.7 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 5.198 ug/l

RT: 4.12 min Scan# 415

Delta R.T. -0.03 min

Lab File: VW003271.D

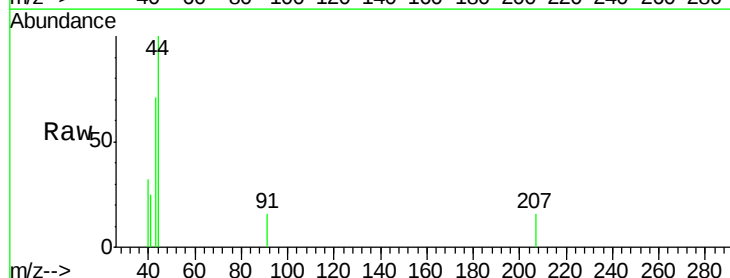
Acq: 14 Jun 2018 23:07

Tgt Ion: 43 Resp: 682

Ion Ratio Lower Upper

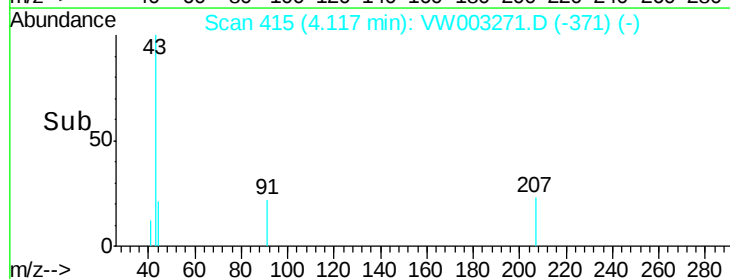
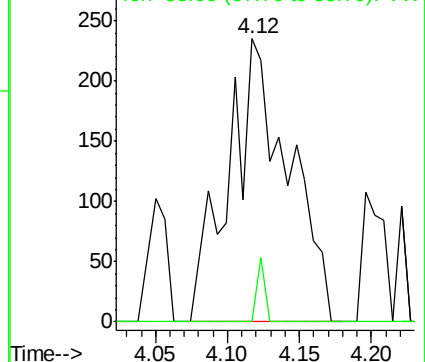
43 100

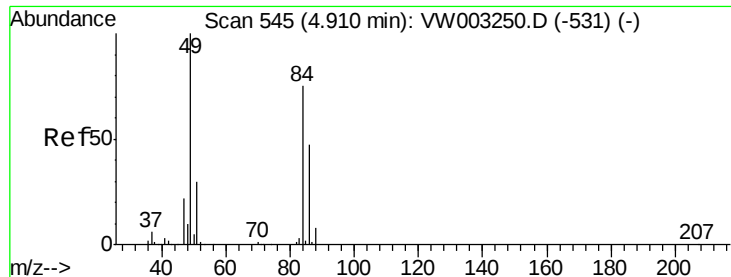
58 0.0 22.6 34.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

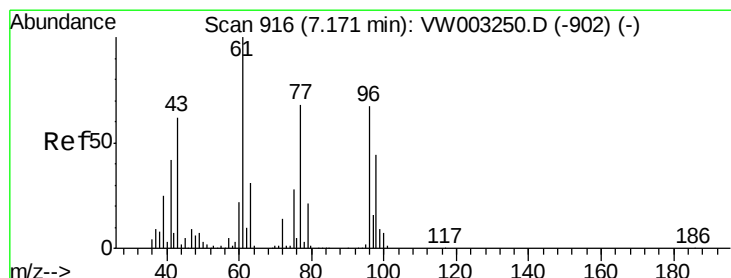
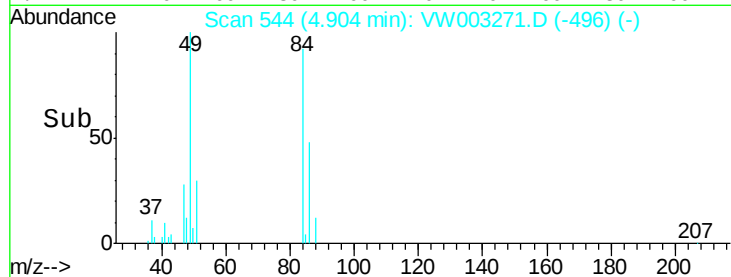
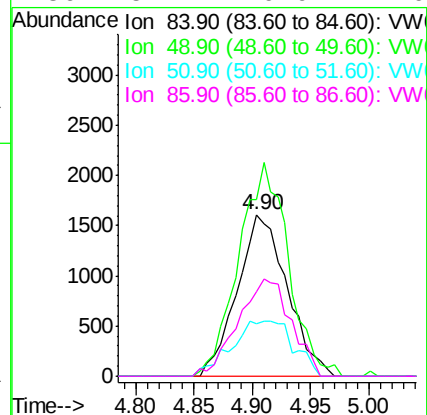
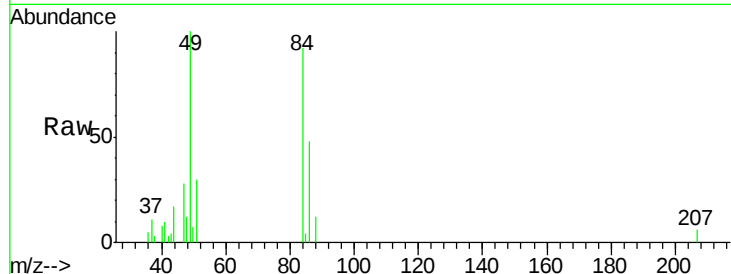




#20
Methylene Chloride
Concen: 5.344 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003271.D
Acq: 14 Jun 2018 23:07

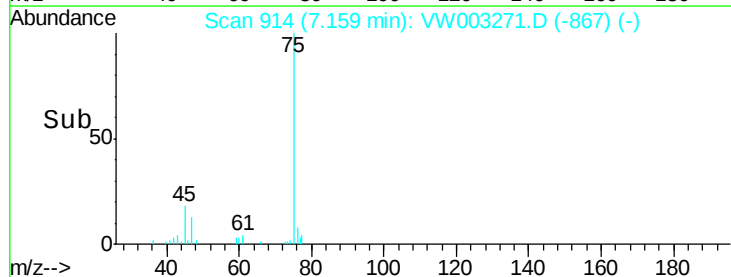
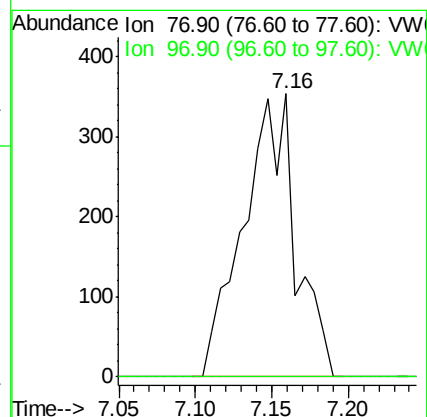
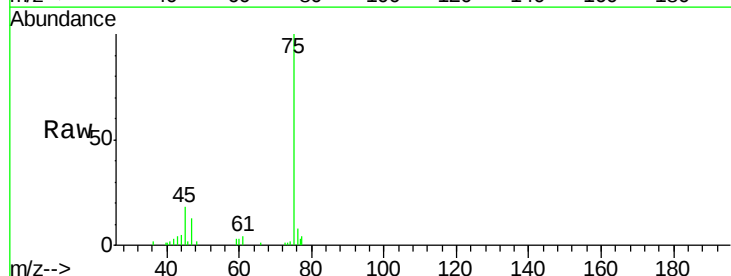
Instrument :
MSVOA_W
ClientSampled :
FS-RO-3091

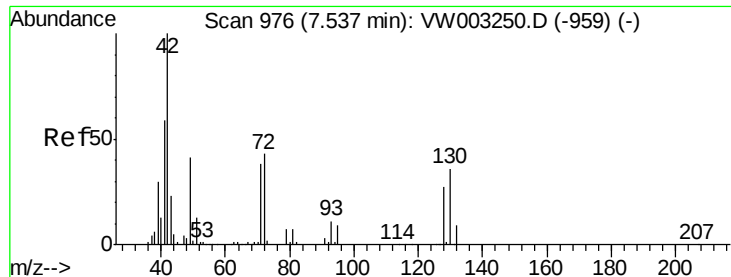
Tgt Ion:	84	Resp:	4806
Ion	Ratio	Lower	Upper
84	100		
49	109.1	106.3	159.5
51	32.9	32.0	48.0
86	52.1	49.9	74.9



#26
2,2-Dichloropropane
Concen: 1.159 ug/l
RT: 7.16 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW003271.D
Acq: 14 Jun 2018 23:07

Tgt Ion:	77	Resp:	837
Ion	Ratio	Lower	Upper
77	100		
97	0.0	11.3	33.9#

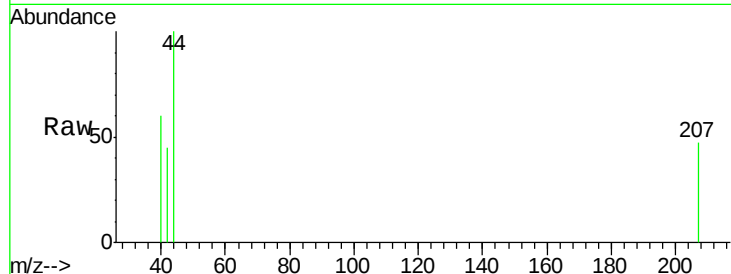




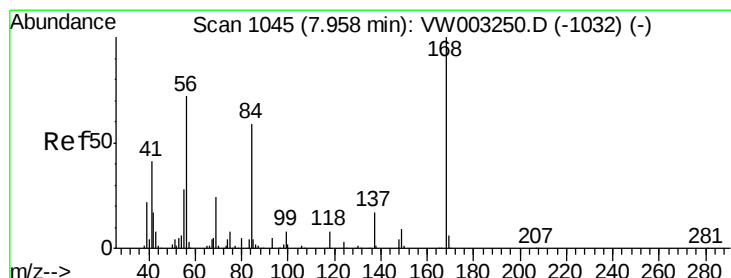
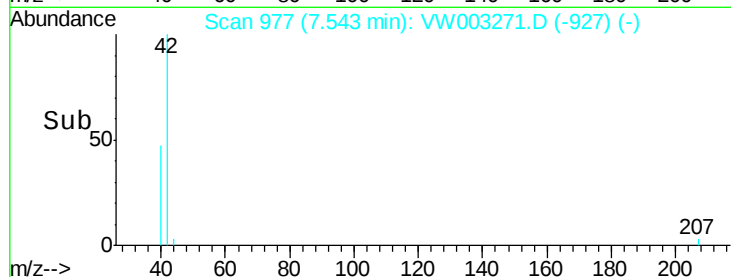
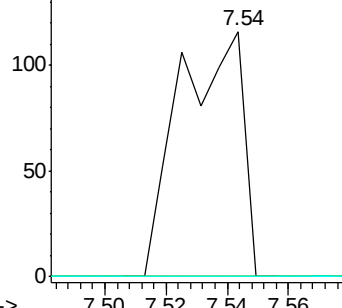
#29
Tetrahydrofuran
Concen: 1.665 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003271.D
Acq: 14 Jun 2018 23:07

Instrument :
MSVOA_W
ClientSampleId :
FS-RO-3091

Tgt Ion: 42 Resp: 166
Ion Ratio Lower Upper
42 100
72 0.0 32.4 48.6#
71 0.0 31.2 46.8#

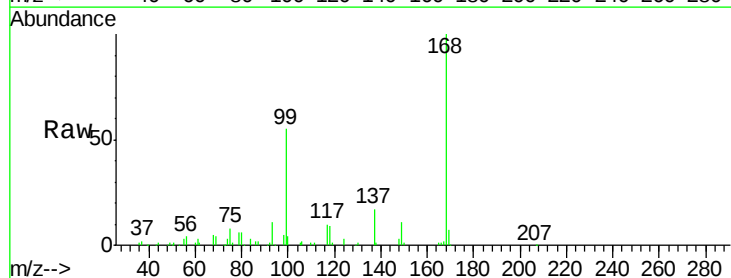


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

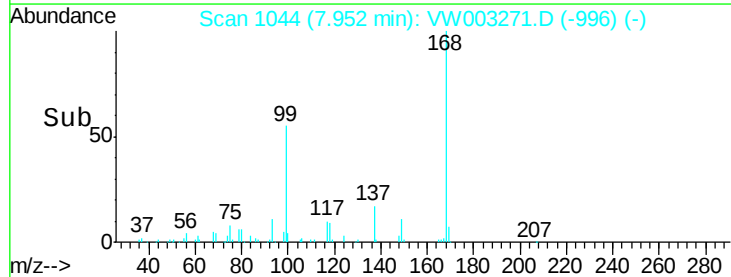
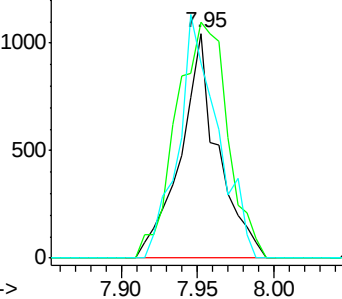


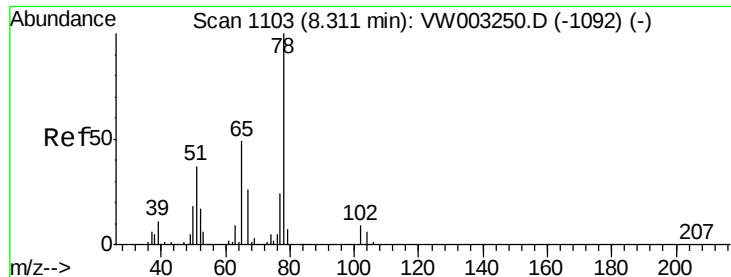
#31
Cyclohexane
Concen: 1.750 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW003271.D
Acq: 14 Jun 2018 23:07

Tgt Ion: 56 Resp: 1769
Ion Ratio Lower Upper
56 100
69 104.9 26.3 39.5#
84 86.8 65.7 98.5



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: 47.427 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003271.D

Acq: 14 Jun 2018 23:07

Instrument :

MSVOA_W

ClientSampleId :

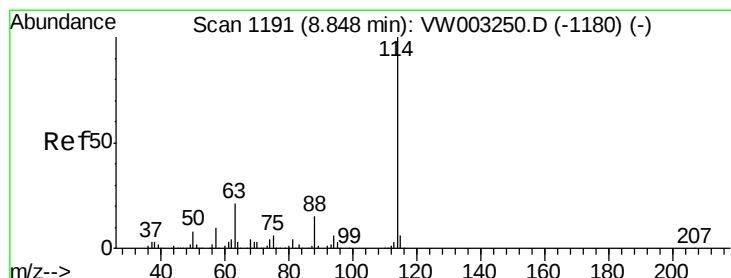
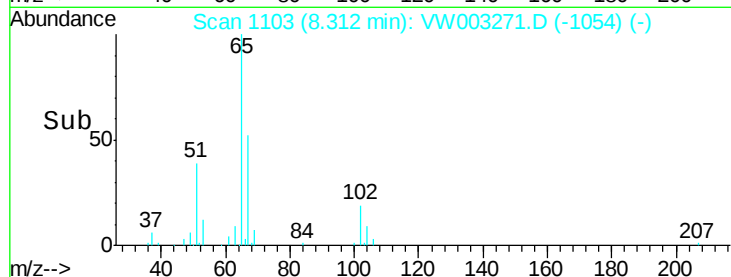
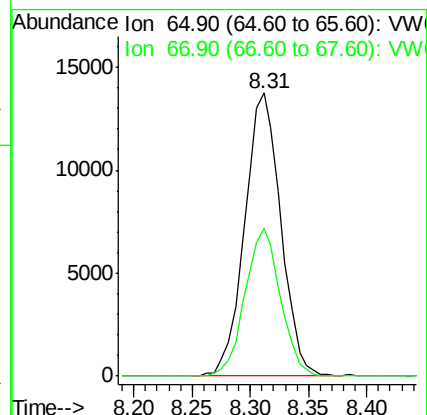
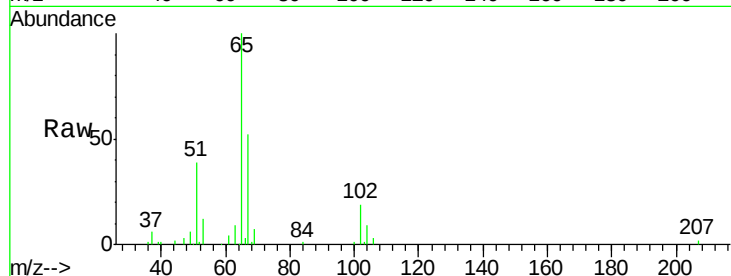
FS-RO-3091

Tgt Ion: 65 Resp: 29670

Ion Ratio Lower Upper

65 100

67 50.9 0.0 104.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW003271.D

Acq: 14 Jun 2018 23:07

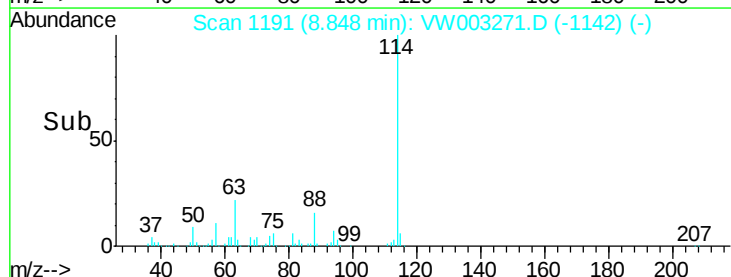
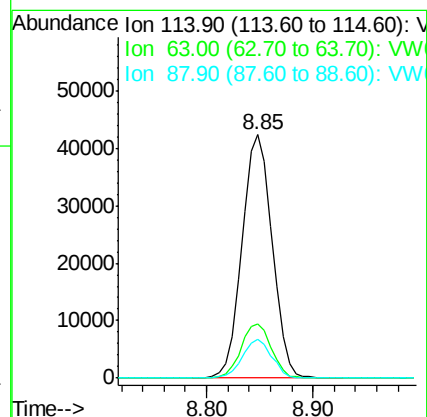
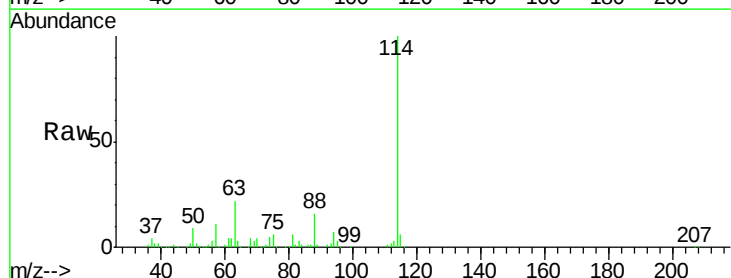
Tgt Ion: 114 Resp: 84352

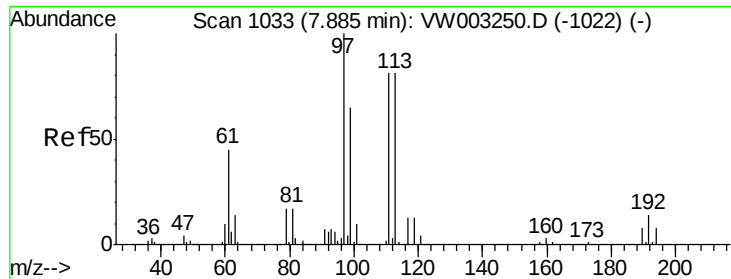
Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.0

88 15.9 0.0 29.6

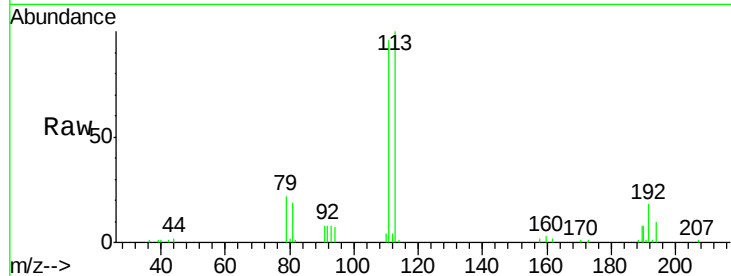




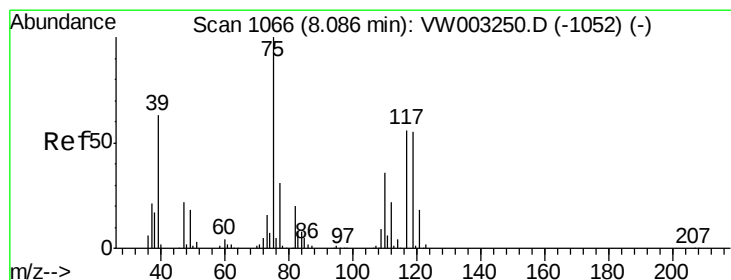
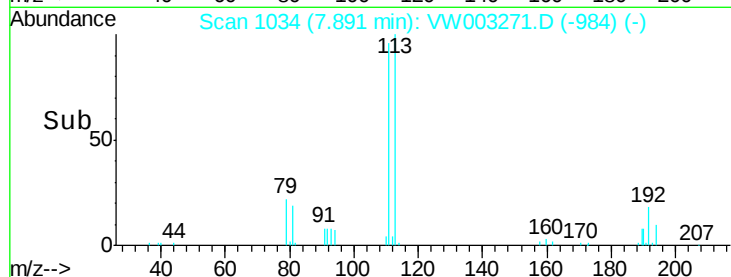
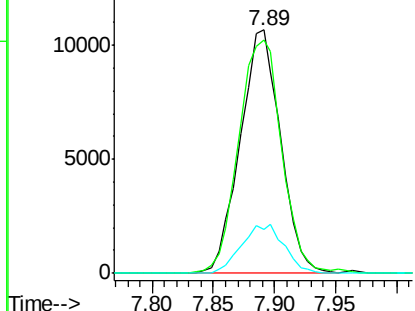
#35
 Dibromofluoromethane
 Concen: 46.755 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW003271.D
 Acq: 14 Jun 2018 23:07

Instrument :
 MSVOA_W
 ClientSampleId :
 FS-RO-3091

Tgt Ion:113 Resp: 24506
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.2 123.2
 192 21.1 16.2 24.2

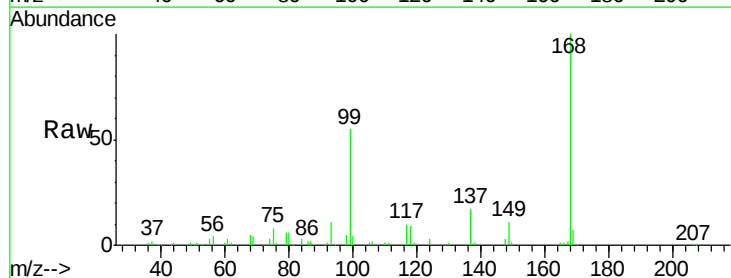


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

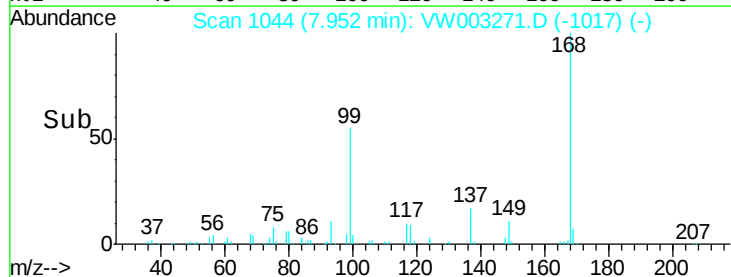
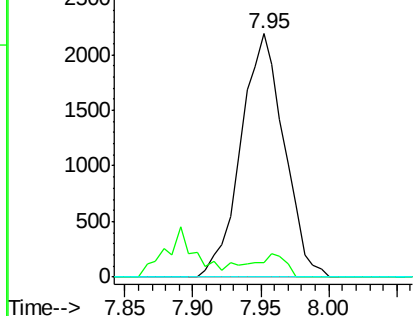


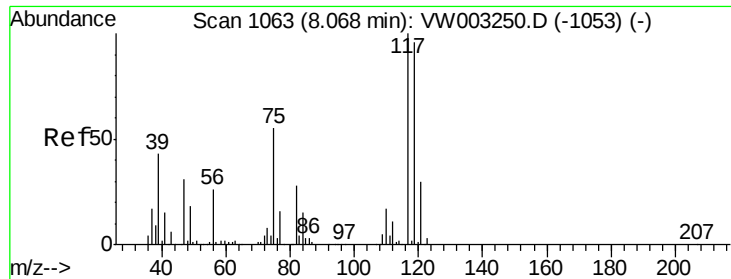
#36
 1,1-Dichloropropene
 Concen: 5.968 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003271.D
 Acq: 14 Jun 2018 23:07

Tgt Ion: 75 Resp: 4862
 Ion Ratio Lower Upper
 75 100
 110 8.5 17.1 51.3#
 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: 7.117 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.11 min

Lab File: VW003271.D

Acq: 14 Jun 2018 23:07

Instrument :

MSVOA_W

ClientSampleId :

FS-RO-3091

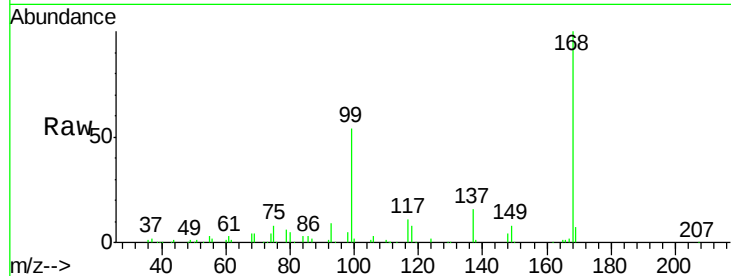
Tgt Ion:117 Resp: 5687

Ion Ratio Lower Upper

117 100

119 2.3 76.6 115.0#

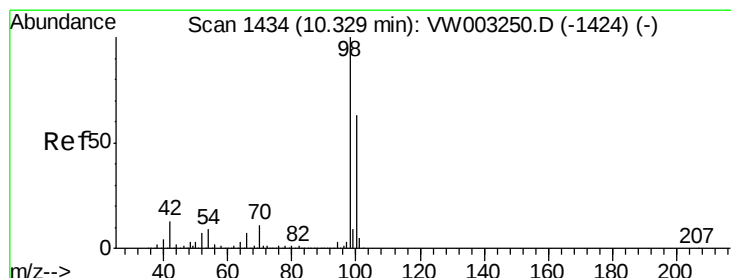
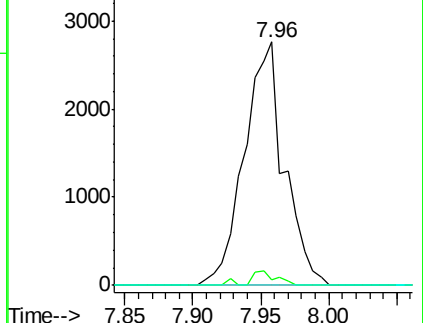
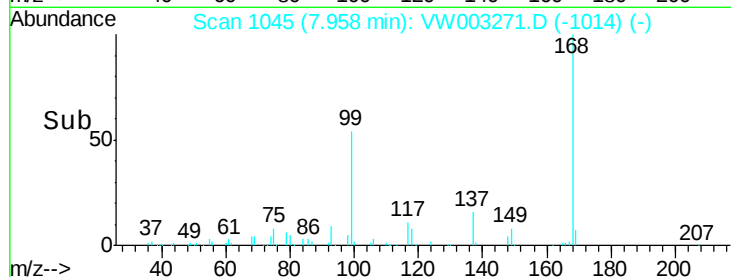
121 0.0 23.9 35.9#



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: 34.355 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003271.D

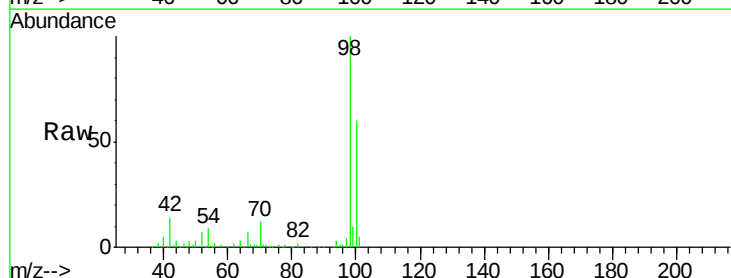
Acq: 14 Jun 2018 23:07

Tgt Ion: 98 Resp: 71401

Ion Ratio Lower Upper

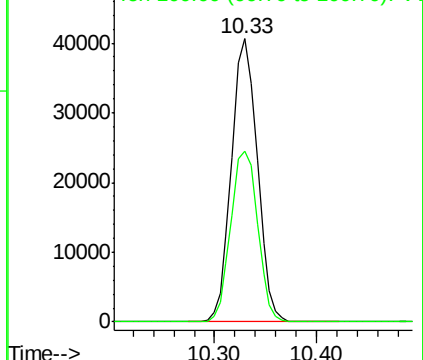
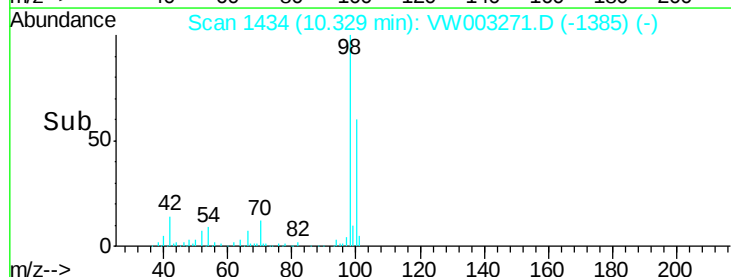
98 100

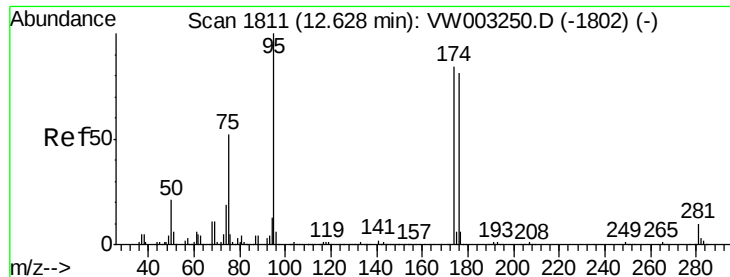
100 62.7 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 30.683 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003271.D

Acq: 14 Jun 2018 23:07

Instrument :

MSVOA_W

ClientSampleId :

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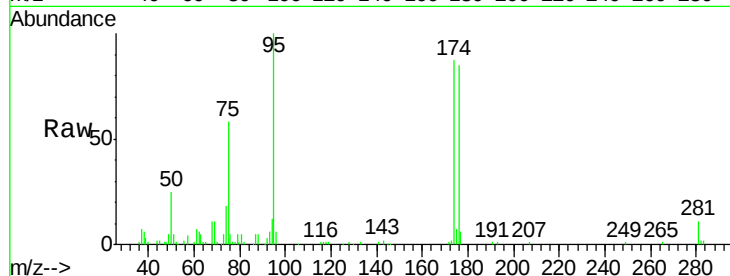
Tgt Ion: 95 Resp: 22567

Ion Ratio Lower Upper

95 100

174 83.9 0.0 166.4

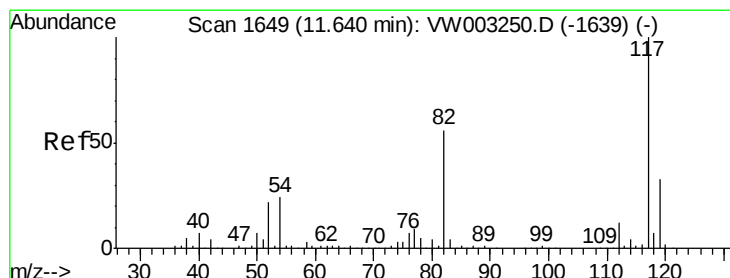
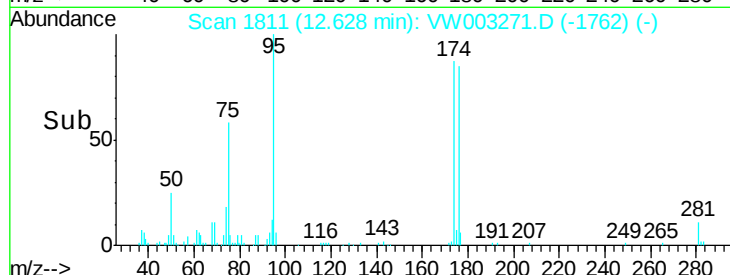
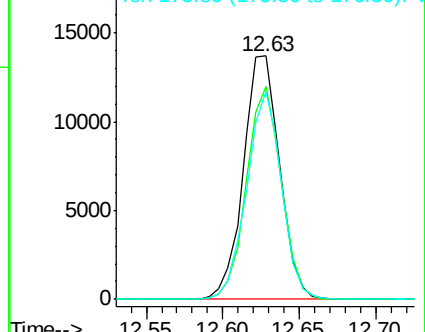
176 81.8 0.0 162.0



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1649

Delta R.T. 0.00 min

Lab File: VW003271.D

Acq: 14 Jun 2018 23:07

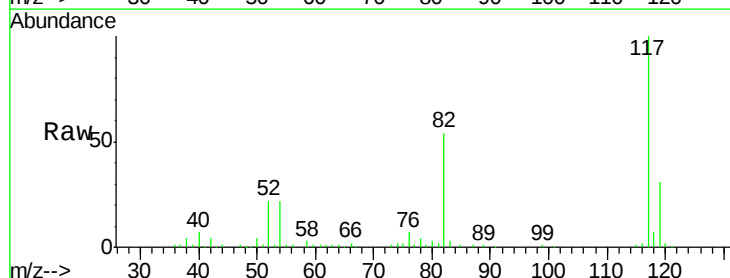
Tgt Ion: 117 Resp: 73222

Ion Ratio Lower Upper

117 100

82 53.7 44.6 67.0

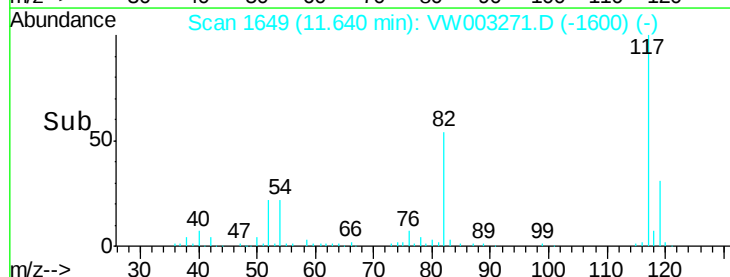
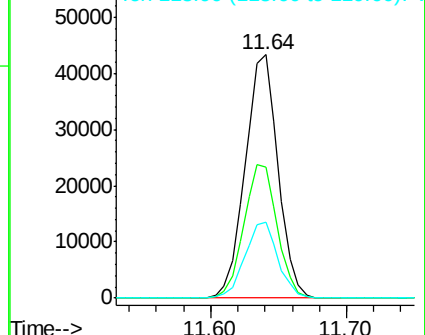
119 31.3 26.7 40.1

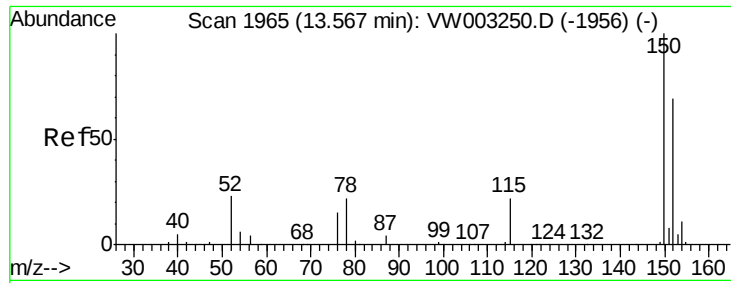


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003271.D

Acq: 14 Jun 2018 23:07

Instrument :

MSVOA_W

ClientSampleId :

FS-RO-3091

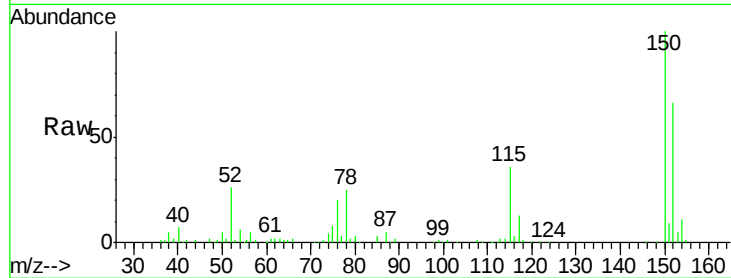
Tgt Ion: 152 Resp: 27986

Ion Ratio Lower Upper

152 100

115 57.8 29.3 88.0

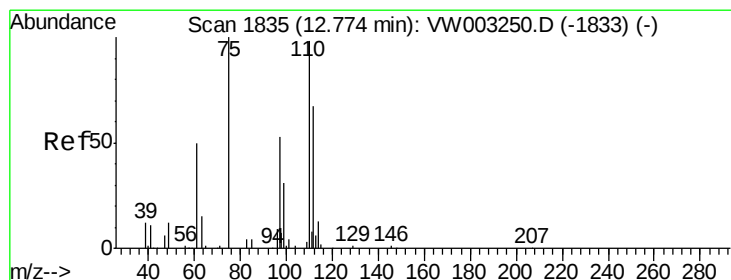
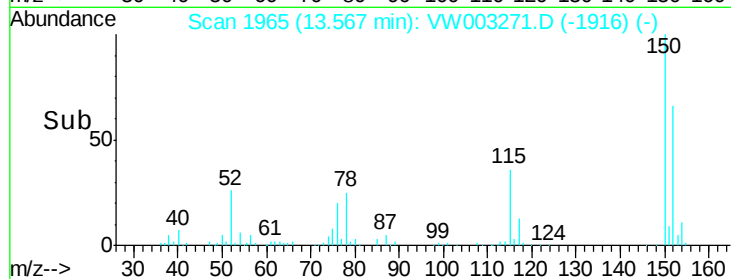
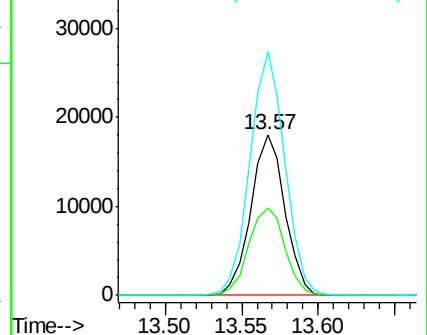
150 155.2 0.0 349.6



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: 51.741 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW003271.D

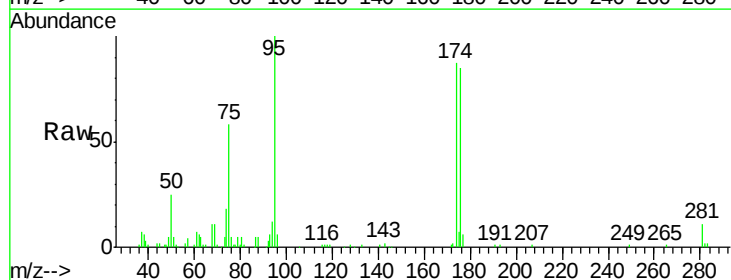
Acq: 14 Jun 2018 23:07

Tgt Ion: 75 Resp: 12379

Ion Ratio Lower Upper

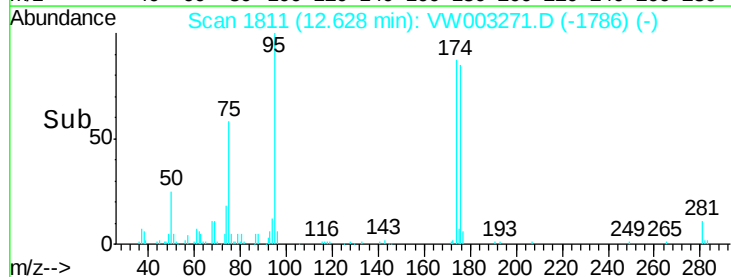
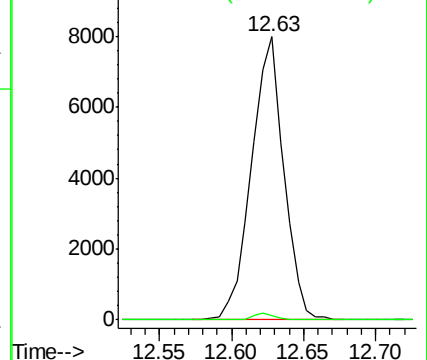
75 100

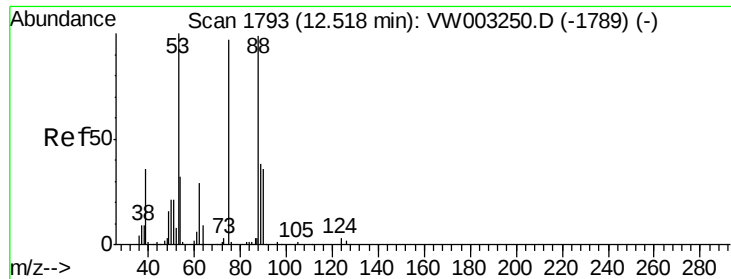
77 1.5 0.0 0.0#



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: 119.060 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.11 min

Lab File: VW003271.D

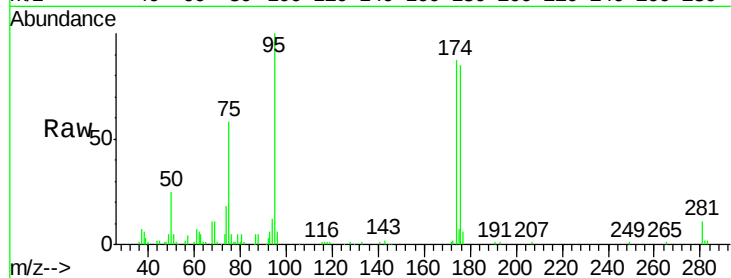
Acq: 14 Jun 2018 23:07

Instrument :

MSVOA_W

ClientSampleId :

FS-RO-3091



Tgt Ion:	75	Resp:	12379
Ion	Ratio	Lower	Upper
75	100		
53	0.4	82.9	124.3#
89	0.0	36.7	55.1#

