

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
 Data File : VW004626.D
 Acq On : 11 Aug 2018 05:26
 Operator : SY/AP
 Sample : J4272-17
 Misc : 5.96G/5ML/MSVOA_W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-080918-I

Quant Time: Aug 11 06:37:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	278441	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	427040	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	302908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	97062	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	168709	54.74	ug/l	0.00
Spiked Amount			Recovery	=	109.48%	
35) Dibromofluoromethane	7.89	113	146724	51.53	ug/l	0.00
Spiked Amount			Recovery	=	103.06%	
50) Toluene-d8	10.33	98	330725	30.47	ug/l	0.00
Spiked Amount			Recovery	=	60.94%	
62) 4-Bromofluorobenzene	12.62	95	100168	25.62	ug/l	0.00
Spiked Amount			Recovery	=	51.24%	

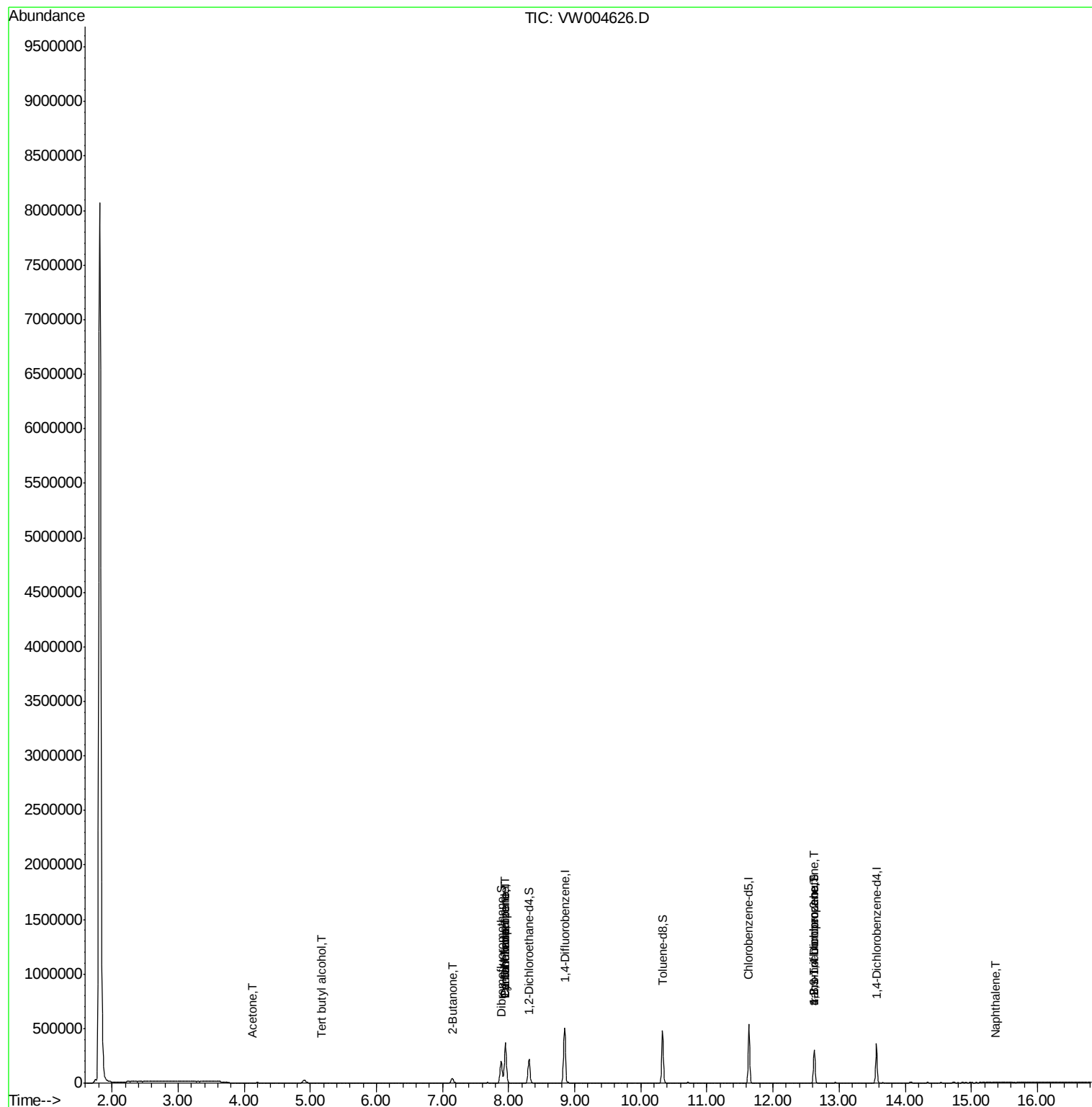
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	835	4.627	ug/l #	78
16) Acetone	4.12	43	960	1.247	ug/l #	87
20) Methylene Chloride	4.90	84	19833	Below Cal		96
25) 2-Butanone	7.15	43	2018	1.630	ug/l #	89
31) Cyclohexane	7.95	56	5821	1.008	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	21592	4.696	ug/l #	49
38) Carbon Tetrachloride	7.95	117	25745	6.222	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	47268	47.062	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	47268	112.660	ug/l #	13
95) Naphthalene	15.38	128	734	3.074	ug/l #	80

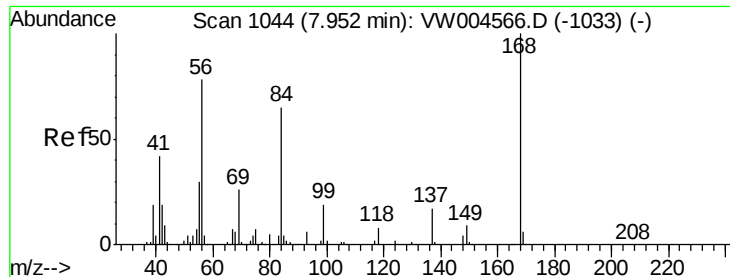
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
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Quant Title : SW846 8260
QLast Update : Tue Aug 07 08:22:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004626.D

Acq: 11 Aug 2018 05:26

Instrument :

MSVOA_W

ClientSampleId :

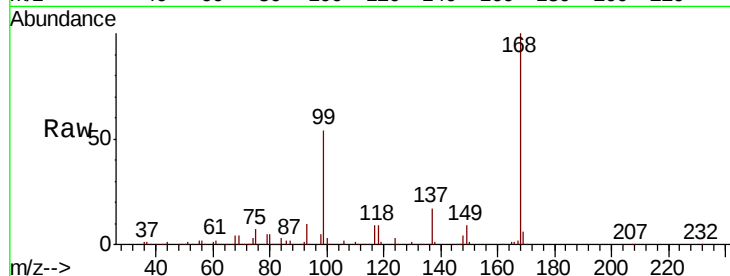
JC-03-080918-I

Tgt Ion:168 Resp: 278441

Ion Ratio Lower Upper

168 100

99 54.3 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

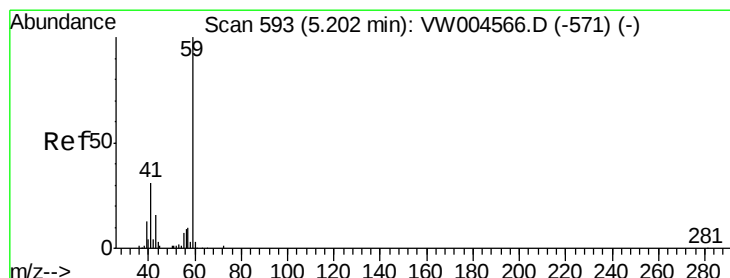
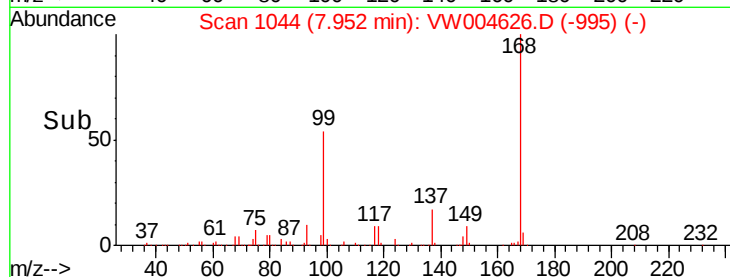
100000

50000

0

Time-->

7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 4.627 ug/l

RT: 5.17 min Scan# 587

Delta R.T. -0.05 min

Lab File: VW004626.D

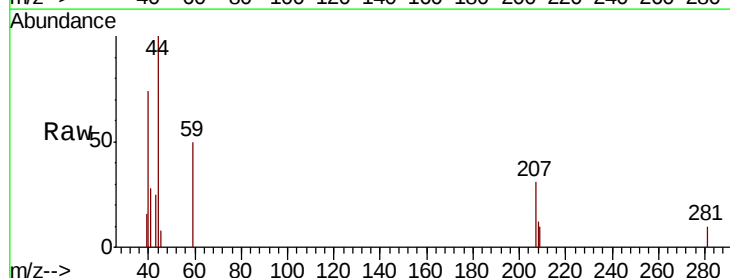
Acq: 11 Aug 2018 05:26

Tgt Ion: 59 Resp: 835

Ion Ratio Lower Upper

59 100

57 3.0 9.1 13.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

400

300

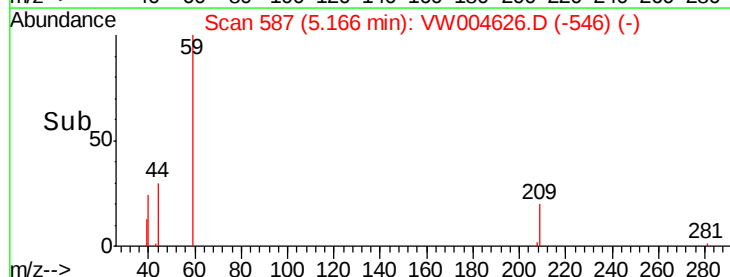
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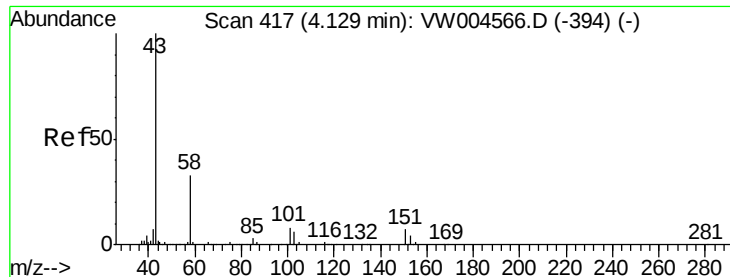
100

0

Time-->

5.15 5.20

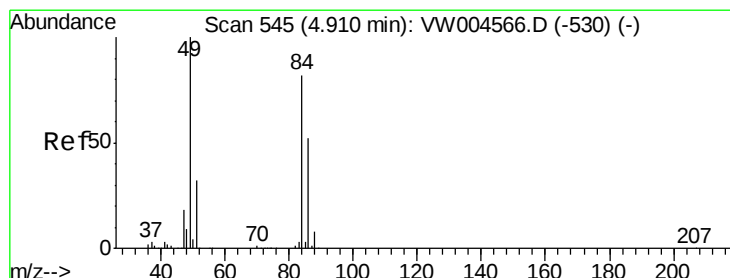
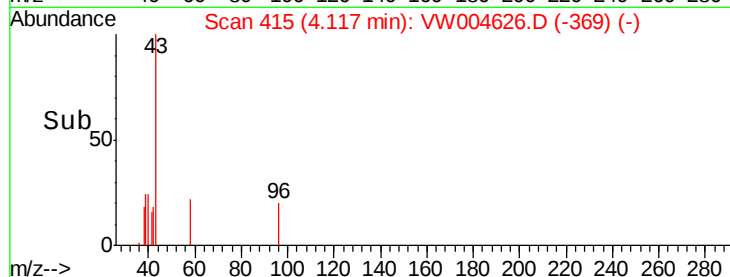
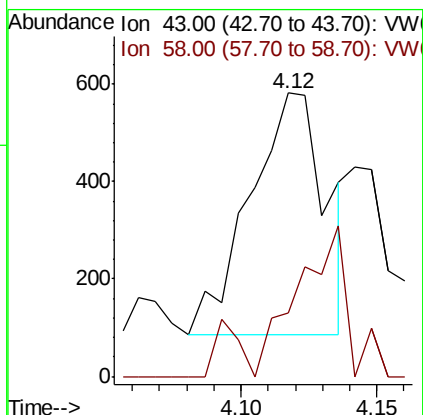
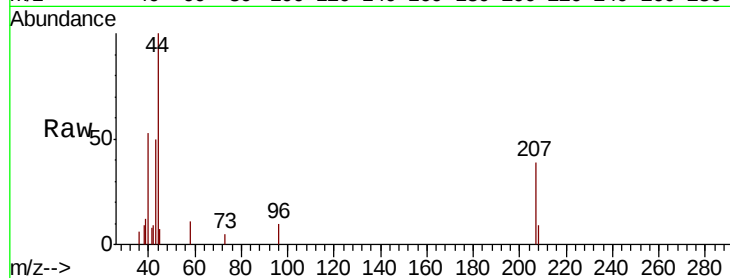




#16
Acetone
Concen: 1.247 ug/l
RT: 4.12 min Scan# 415
Delta R.T. -0.02 min
Lab File: VW004626.D
Acq: 11 Aug 2018 05:26

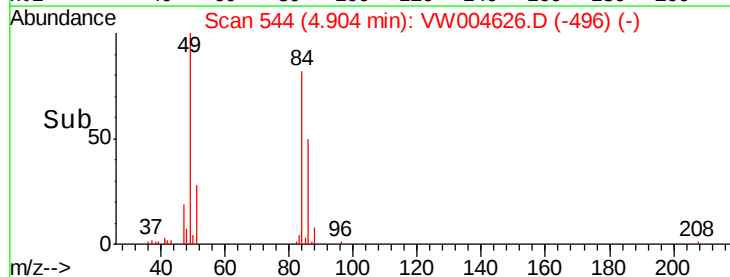
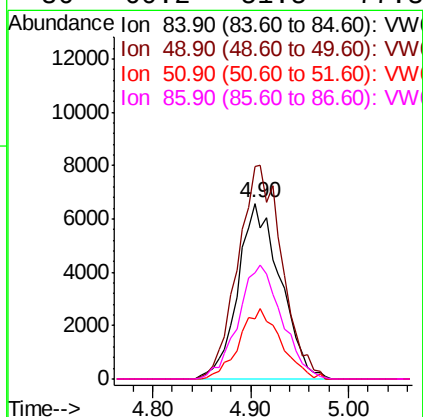
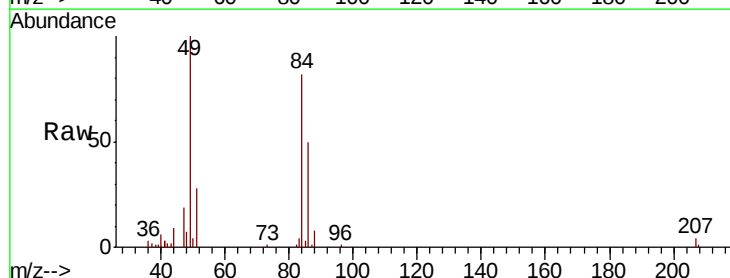
Instrument :
MSVOA_W
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JC-03-080918-I

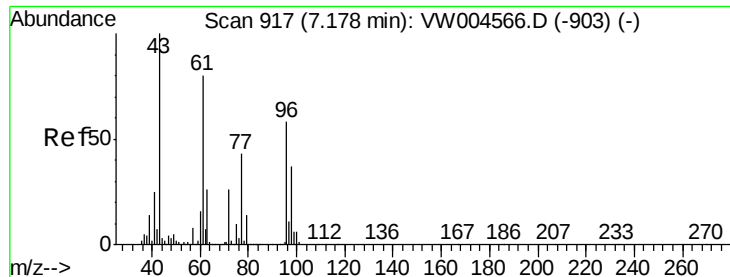
Tgt Ion: 43 Resp: 960
Ion Ratio Lower Upper
43 100
58 26.2 26.8 40.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW004626.D
Acq: 11 Aug 2018 05:26

Tgt Ion: 84 Resp: 19833
Ion Ratio Lower Upper
84 100
49 121.3 99.6 149.4
51 34.1 31.0 46.4
86 60.2 51.5 77.3





#25

2-Butanone

Concen: 1.630 ug/l

RT: 7.15 min Scan# 912

Delta R.T. -0.04 min

Lab File: VW004626.D

Acq: 11 Aug 2018 05:26

Instrument :

MSVOA_W

ClientSampleId :

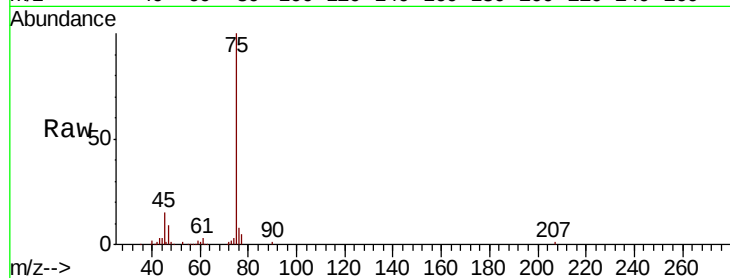
JC-03-080918-I

Tgt Ion: 43 Resp: 2018

Ion Ratio Lower Upper

43 100

72 20.8 21.0 31.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.15

800

600

400

200

0

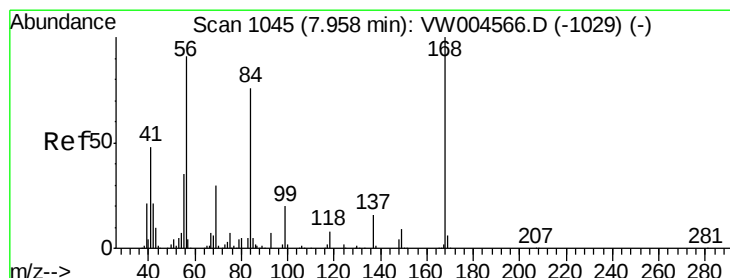
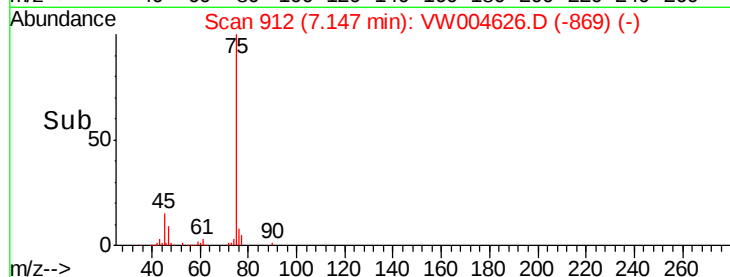
7.05

7.10

7.15

7.20

Time-->



#31

Cyclohexane

Concen: 1.008 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW004626.D

Acq: 11 Aug 2018 05:26

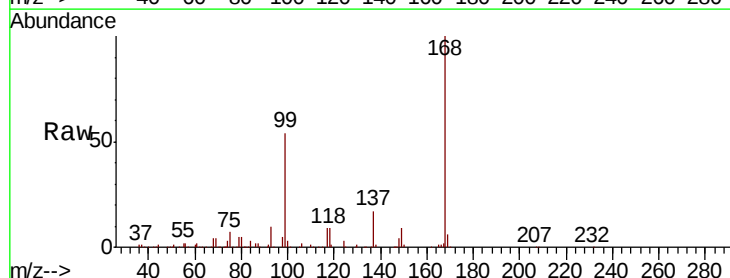
Tgt Ion: 56 Resp: 5821

Ion Ratio Lower Upper

56 100

69 190.7 26.4 39.6#

84 138.7 66.9 100.3#



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

6000

4000

2000

0

7.85

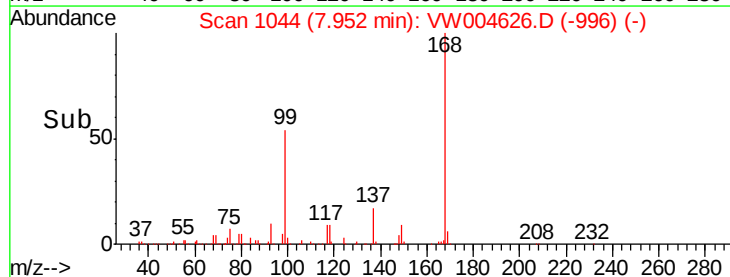
7.90

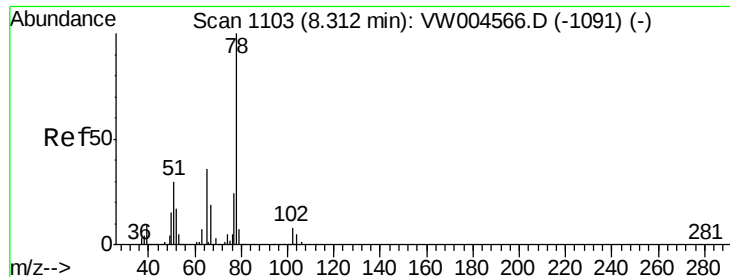
7.95

8.00

8.05

Time-->

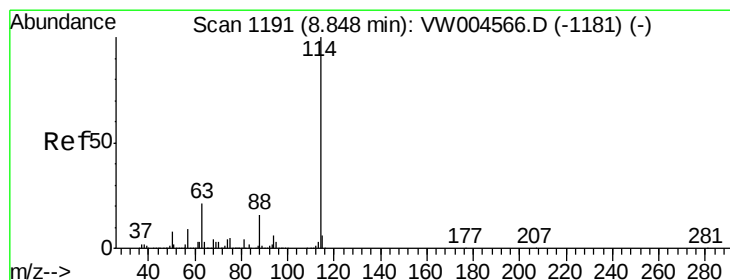
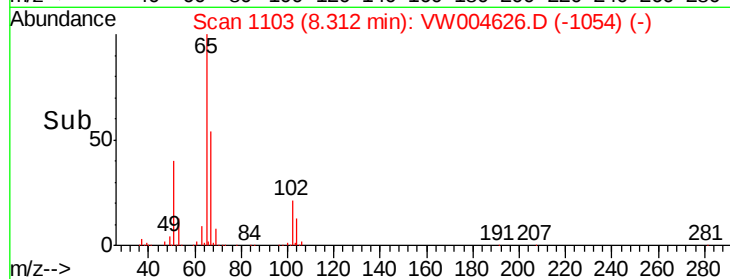
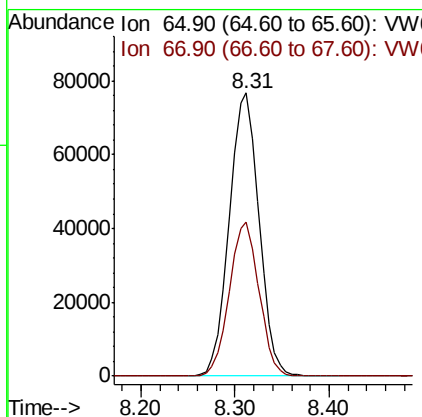
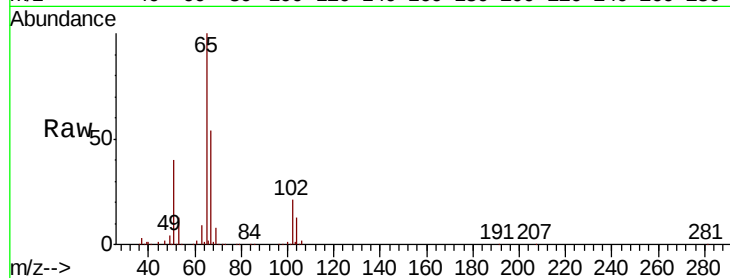




#33
 1,2-Dichloroethane-d4
 Concen: 54.736 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW004626.D
 Acq: 11 Aug 2018 05:26

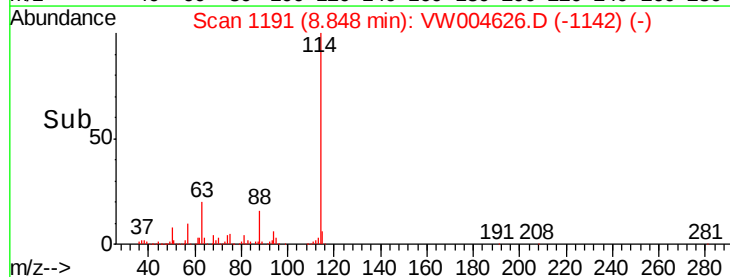
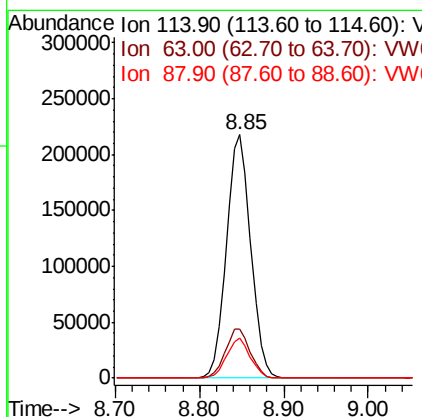
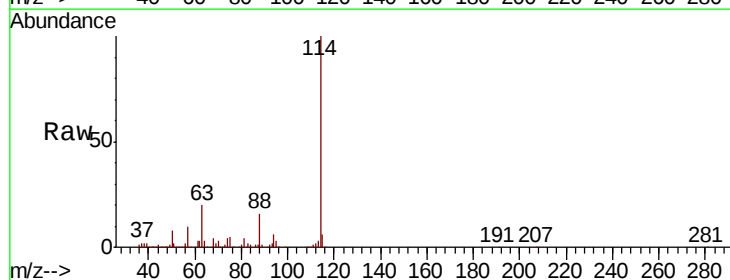
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-080918-I

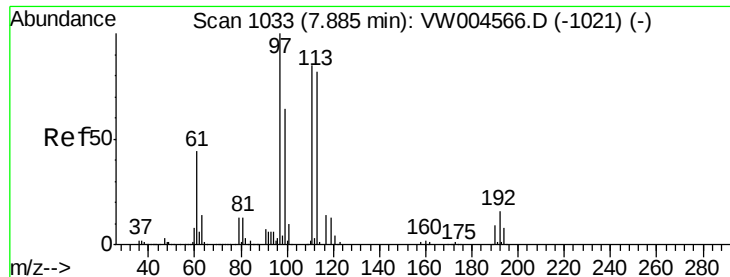
Tgt Ion: 65 Resp: 168709
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004626.D
 Acq: 11 Aug 2018 05:26

Tgt Ion: 114 Resp: 427040
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 42.4
 88 16.3 0.0 31.2





#35

Dibromofluoromethane

Concen: 51.530 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW004626.D

Acq: 11 Aug 2018 05:26

Instrument :

MSVOA_W

ClientSampleId :

JC-03-080918-I

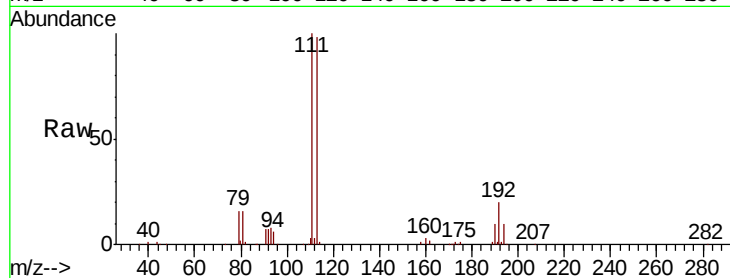
Tgt Ion:113 Resp: 146724

Ion Ratio Lower Upper

113 100

111 104.3 82.9 124.3

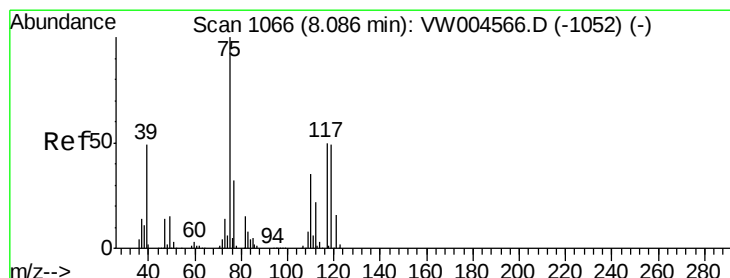
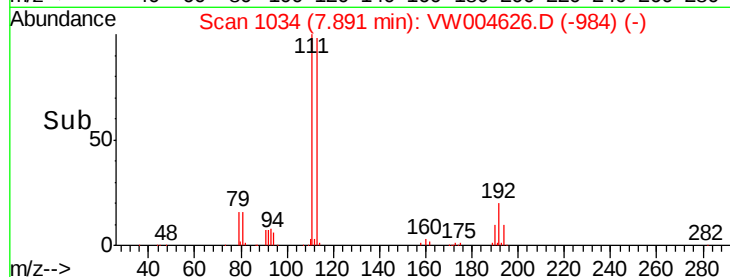
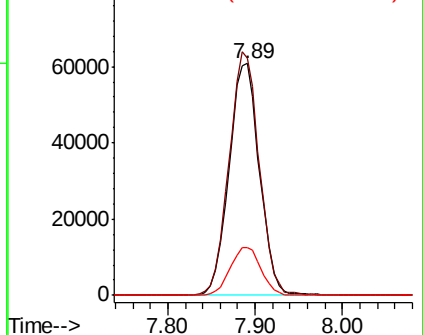
192 21.0 15.8 23.6



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: 4.696 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.13 min

Lab File: VW004626.D

Acq: 11 Aug 2018 05:26

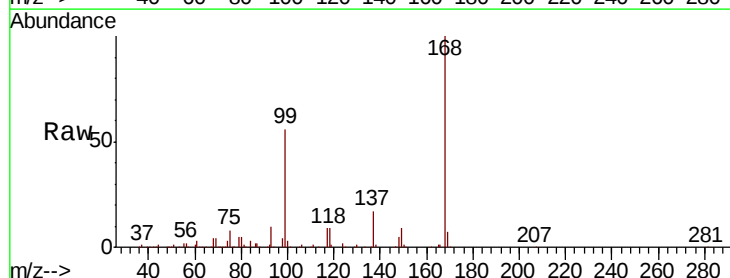
Tgt Ion: 75 Resp: 21592

Ion Ratio Lower Upper

75 100

110 7.3 17.4 52.2#

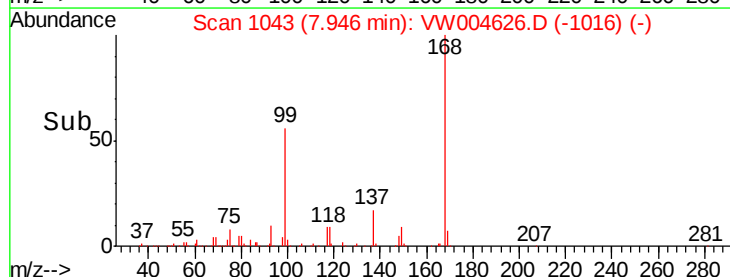
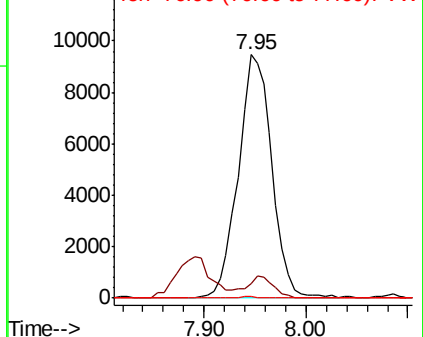
77 0.2 24.7 37.1#

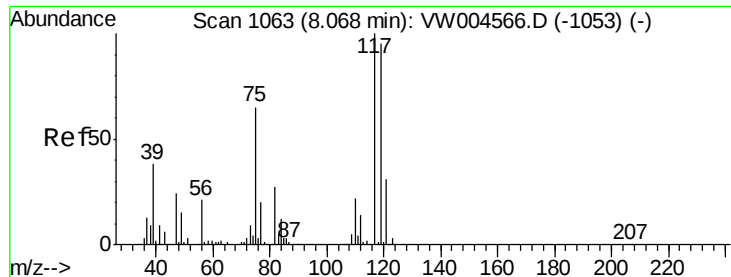


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

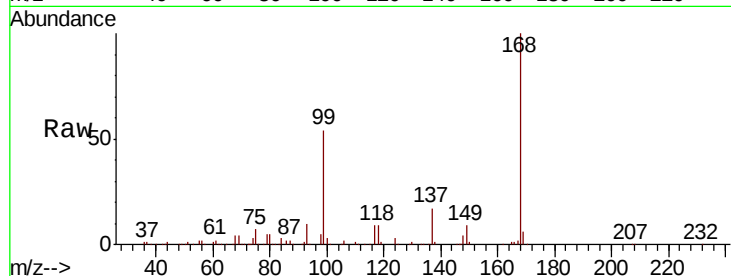




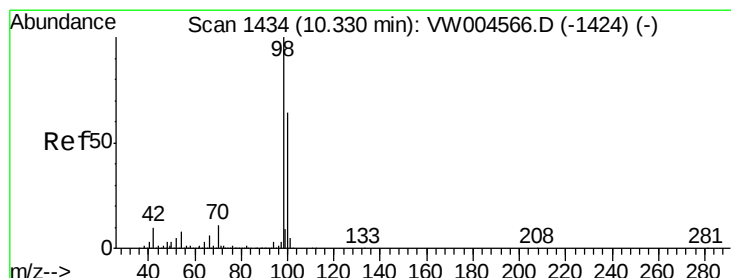
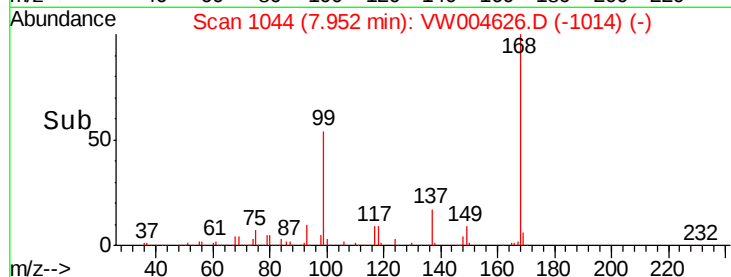
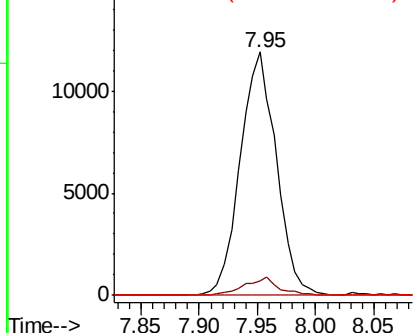
#38
Carbon Tetrachloride
Concen: 6.222 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW004626.D
Acq: 11 Aug 2018 05:26

Instrument :
MSVOA_W
ClientSampleId :
JC-03-080918-I

Tgt Ion:117 Resp: 25745
Ion Ratio Lower Upper
117 100
119 5.9 76.1 114.1#
121 0.0 24.2 36.4#

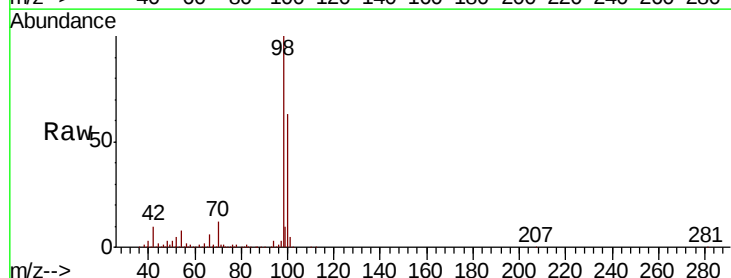


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

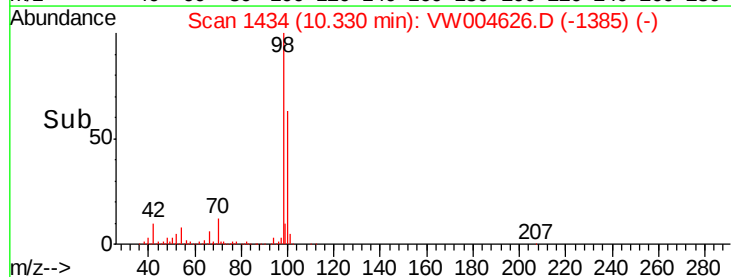
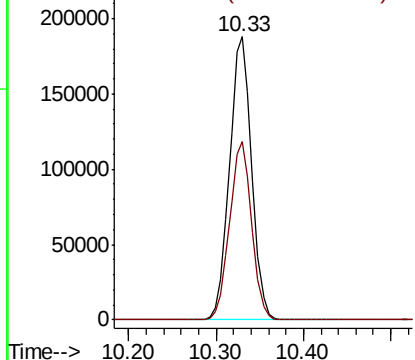


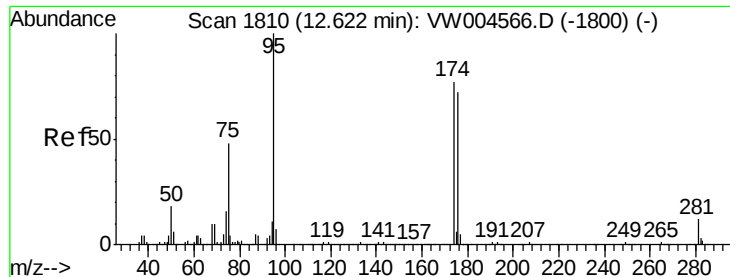
#50
Toluene-d8
Concen: 30.467 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004626.D
Acq: 11 Aug 2018 05:26

Tgt Ion: 98 Resp: 330725
Ion Ratio Lower Upper
98 100
100 62.8 51.4 77.2



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





#62

4-Bromofluorobenzene

Concen: 25.617 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004626.D

Acq: 11 Aug 2018 05:26

Instrument :

MSVOA_W

ClientSampleId :

JC-03-080918-I

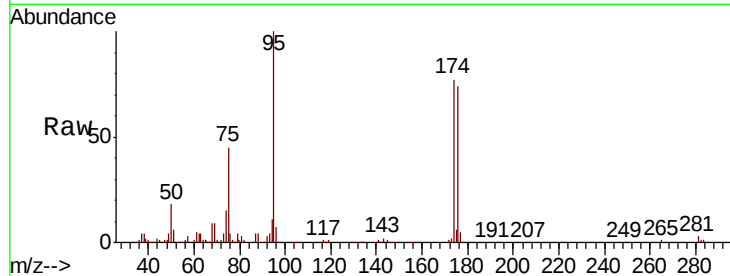
Tgt Ion: 95 Resp: 100168

Ion Ratio Lower Upper

95 100

174 82.7 0.0 160.4

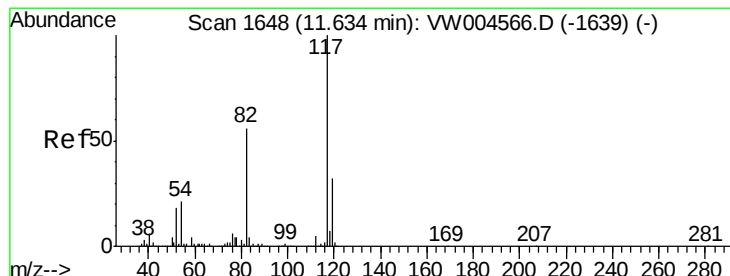
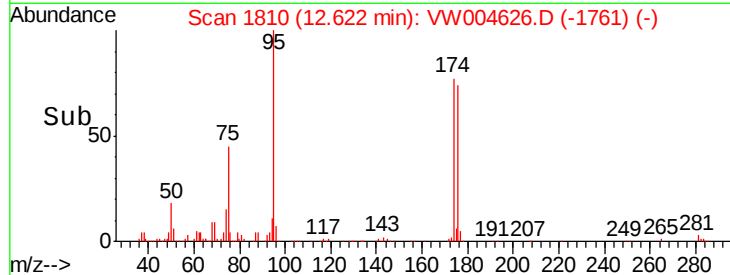
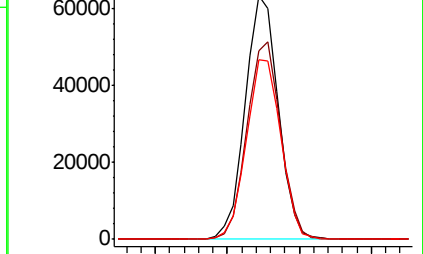
176 77.3 0.0 153.2



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: 11.63 min Scan# 1648

Delta R.T. 0.00 min

Lab File: VW004626.D

Acq: 11 Aug 2018 05:26

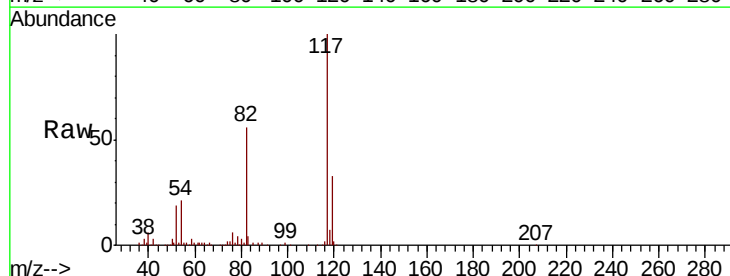
Tgt Ion: 117 Resp: 302908

Ion Ratio Lower Upper

117 100

82 56.3 45.3 67.9

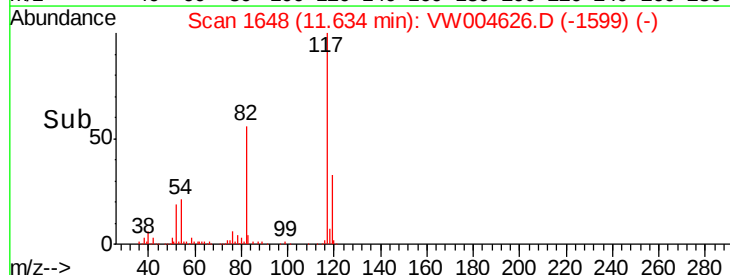
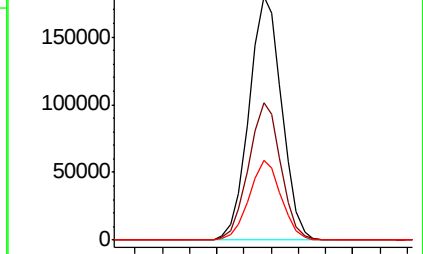
119 32.7 26.2 39.4

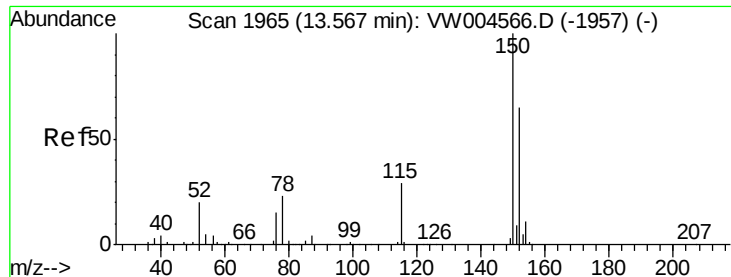


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW004626.D

Acq: 11 Aug 2018 05:26

Instrument :

MSVOA_W

ClientSampleId :

JC-03-080918-I

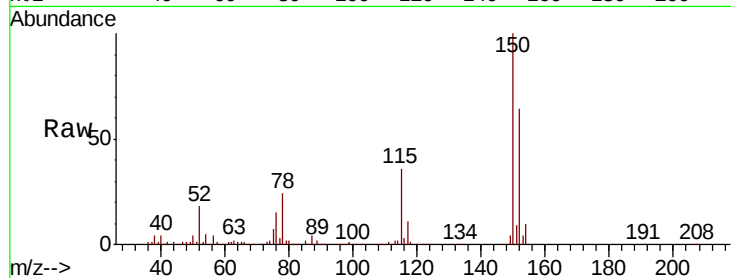
Tgt Ion:152 Resp: 97062

Ion Ratio Lower Upper

152 100

115 57.7 29.1 87.3

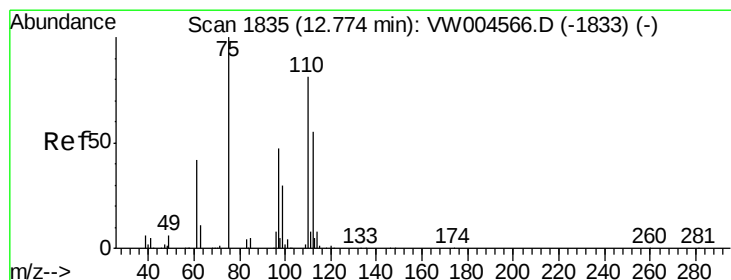
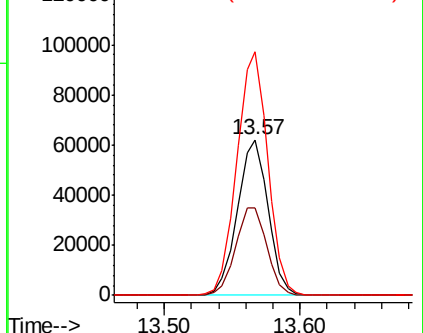
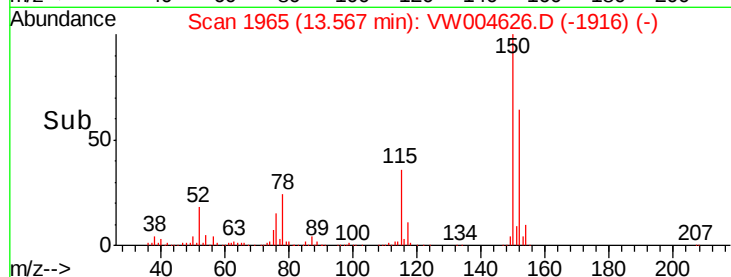
150 158.8 0.0 349.6



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: 47.062 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004626.D

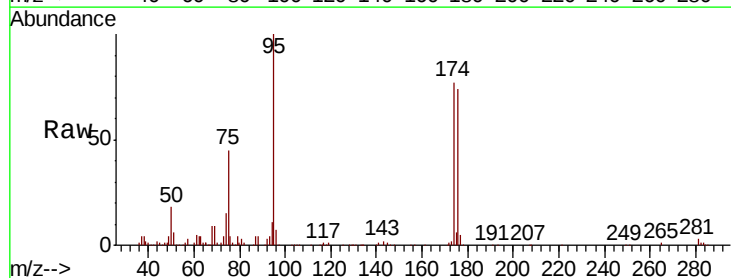
Acq: 11 Aug 2018 05:26

Tgt Ion: 75 Resp: 47268

Ion Ratio Lower Upper

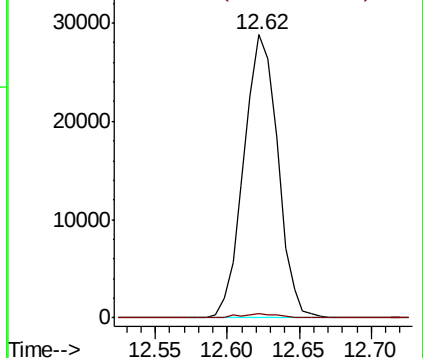
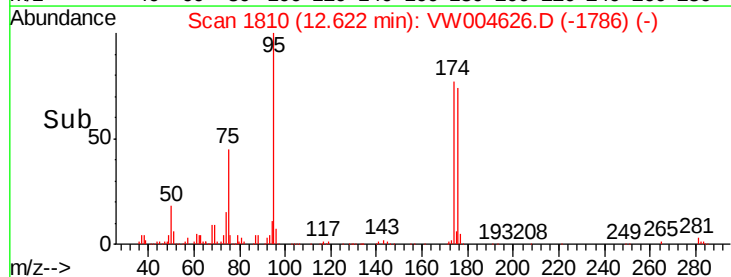
75 100

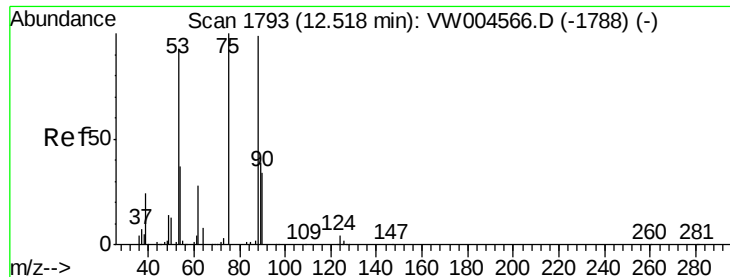
77 1.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

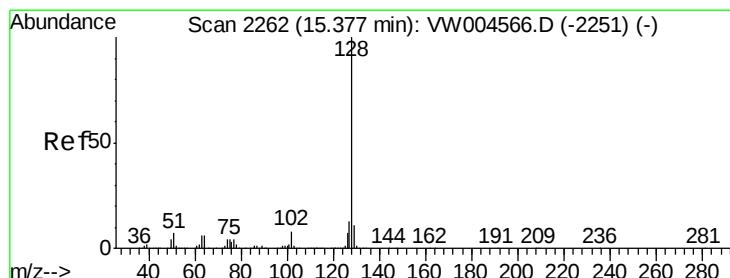
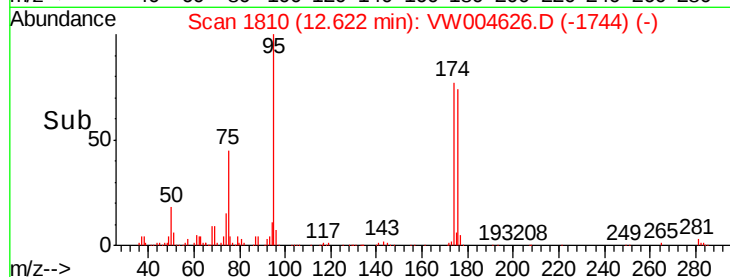
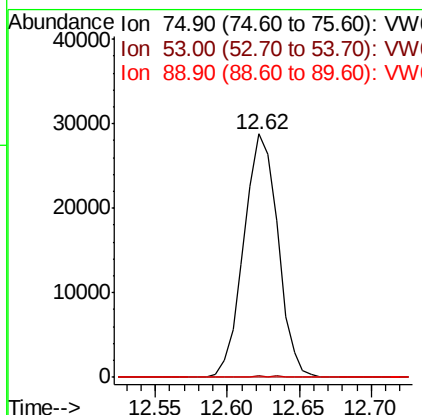
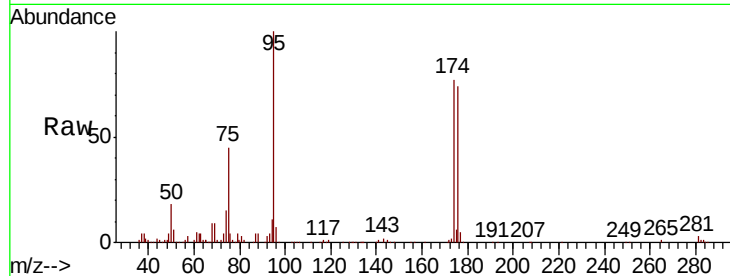




#81
trans-1,4-Dichloro-2-butene
Concen: 112.660 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.10 min
Lab File: VW004626.D
Acq: 11 Aug 2018 05:26

Instrument :
MSVOA_W
ClientSampleId :
JC-03-080918-I

Tgt Ion: 75 Resp: 47268
Ion Ratio Lower Upper
75 100
53 0.5 74.4 111.6#
89 0.1 35.9 53.9#



#95
Naphthalene
Concen: 3.074 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004626.D
Acq: 11 Aug 2018 05:26

Tgt Ion: 128 Resp: 734
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 9.1 8.6 13.0

