

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062418\
 Data File : VW003507.D
 Acq On : 24 Jun 2018 13:47
 Operator : SY/AP
 Sample : J3669-09
 Misc : 6.23G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB484-39-41-180620

Quant Time: Jun 24 23:46:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	152740	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	250274	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	231955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	109450	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	107412	64.92	ug/l	0.00
Spiked Amount			Recovery	=	129.84%	
35) Dibromofluoromethane	7.88	113	89026	57.25	ug/l	0.00
Spiked Amount			Recovery	=	114.50%	
50) Toluene-d8	10.33	98	303018	49.14	ug/l	0.00
Spiked Amount			Recovery	=	98.28%	
62) 4-Bromofluorobenzene	12.63	95	107318	49.18	ug/l	0.00
Spiked Amount			Recovery	=	98.36%	

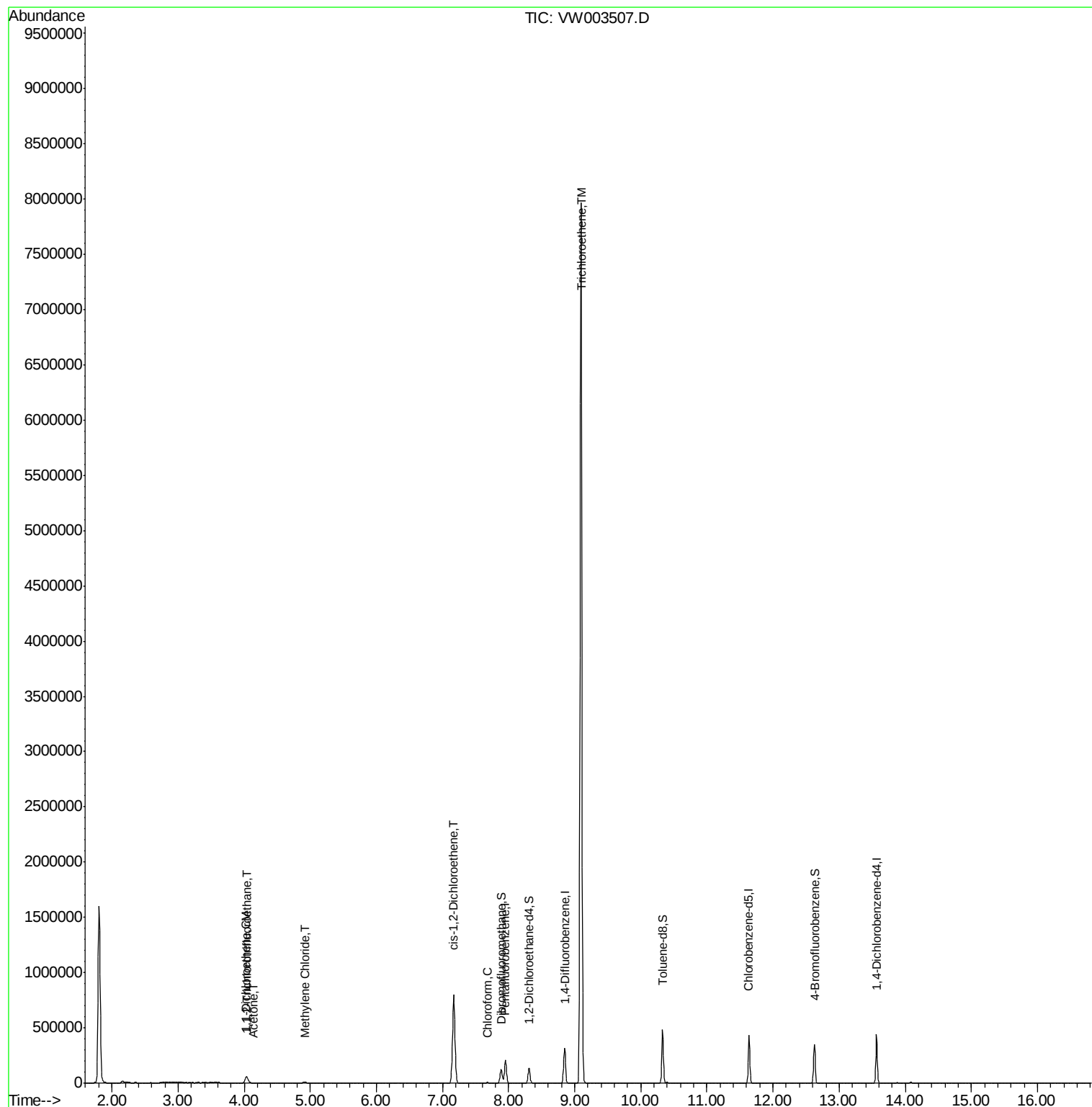
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	4.05	101	3624	2.56	ug/l #	73
12) 1,1-Dichloroethene	4.04	96	32862	23.77	ug/l	90
16) Acetone	4.14	43	6338	18.27	ug/l #	88
20) Methylene Chloride	4.92	84	7103	1.24	ug/l	93
27) cis-1,2-Dichloroethene	7.17	96	454346	274.85	ug/l	92
30) Chloroform	7.68	83	3896	1.34	ug/l	97
44) Trichloroethene	9.10	130	2688381	1522.85	ug/l	100

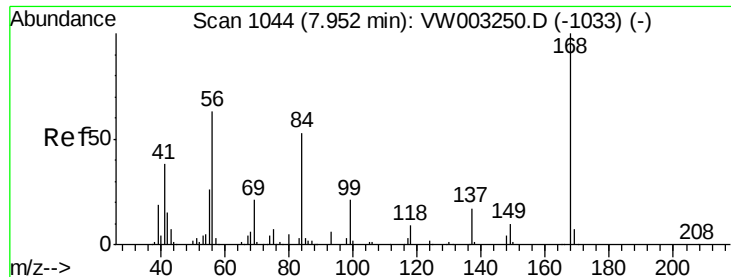
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062418\
Data File : VW003507.D
Acq On : 24 Jun 2018 13:47
Operator : SY/AP
Sample : J3669-09
Misc : 6.23G/5ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WP021SB484-39-41-180620

Quant Time: Jun 24 23:46:10 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003507.D

Acq: 24 Jun 2018 13:47

Instrument :

MSVOA_W

ClientSampleId :

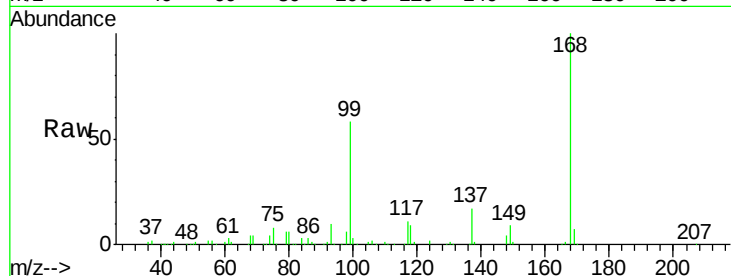
WP021SB484-39-41-180620

Tot Ion:168 Resp: 152740

Ion Ratio Lower Upper

168 100

99 58.2 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

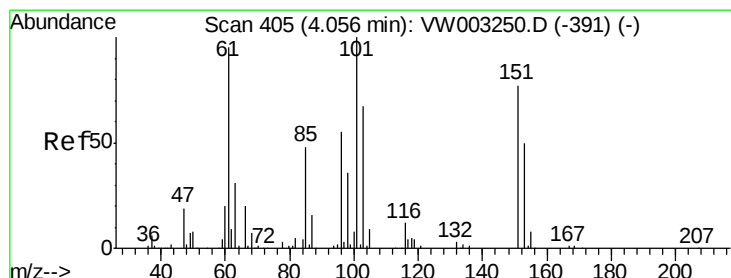
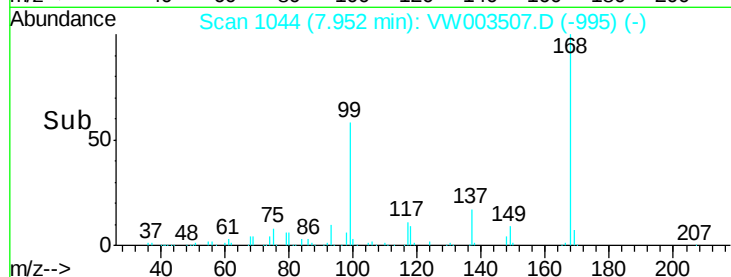
40000

20000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.56 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW003507.D

Acq: 24 Jun 2018 13:47

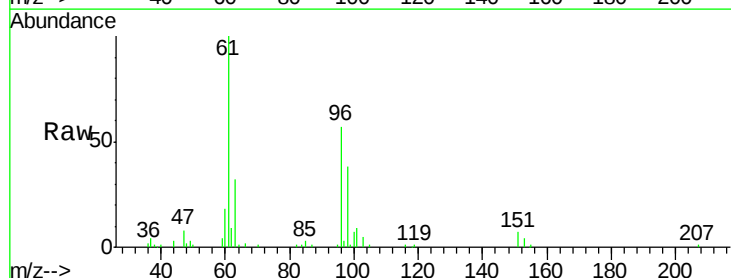
Tgt Ion:101 Resp: 3624

Ion Ratio Lower Upper

101 100

85 0.0 37.0 55.6#

151 81.5 63.3 94.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V

1500

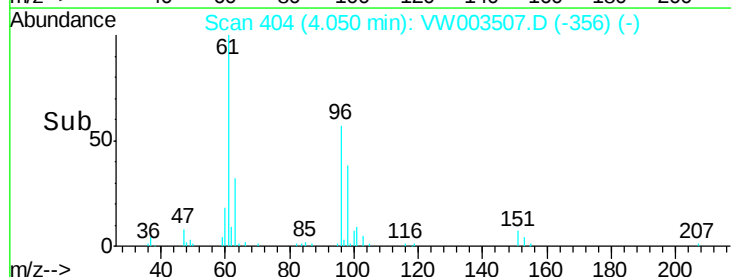
1000

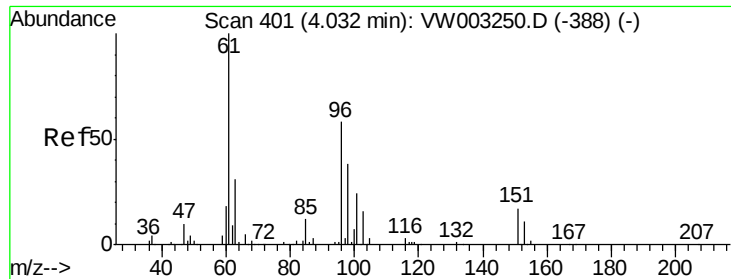
500

0

4.00 4.05 4.10 4.20

Time-->





#12

1,1-Dichloroethene

Concen: 23.77 ug/l

RT: 4.04 min Scan# 402

Delta R.T. 0.01 min

Lab File: VW003507.D

Acq: 24 Jun 2018 13:47

Instrument :

MSVOA_W

ClientSampleId :

WP021SB484-39-41-180620

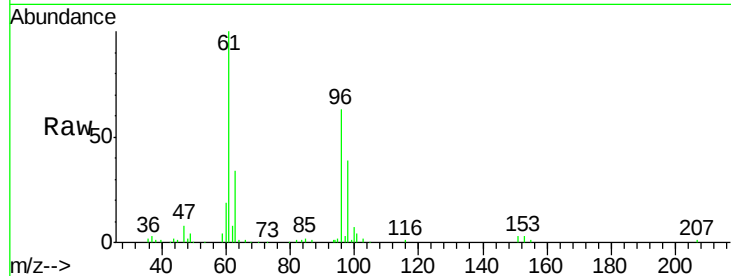
Tot Ion: 96 Resp: 32862

Ion Ratio Lower Upper

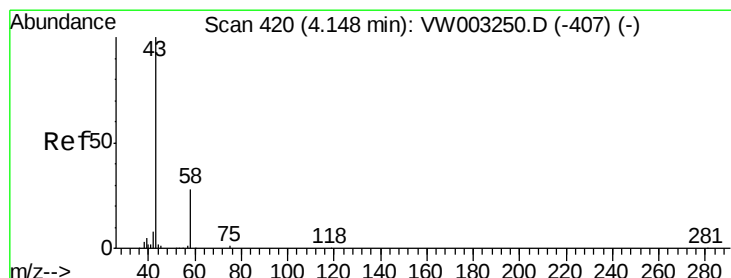
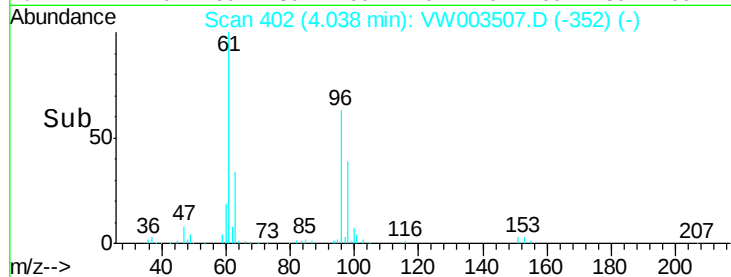
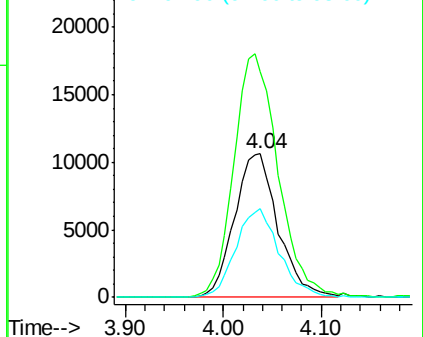
96 100

61 157.7 139.0 208.4

98 62.0 53.3 79.9



Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#16

Acetone

Concen: 18.27 ug/l

RT: 4.14 min Scan# 418

Delta R.T. -0.01 min

Lab File: VW003507.D

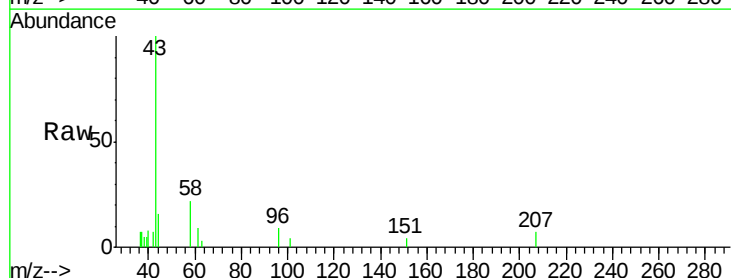
Acq: 24 Jun 2018 13:47

Tgt Ion: 43 Resp: 6338

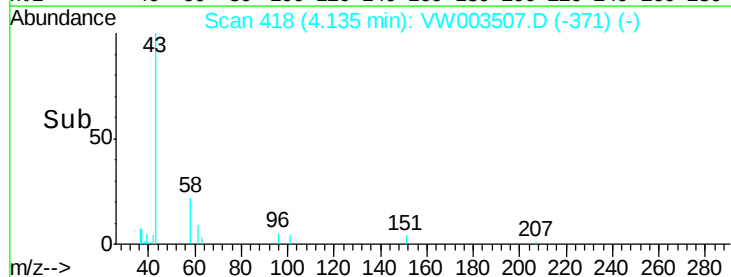
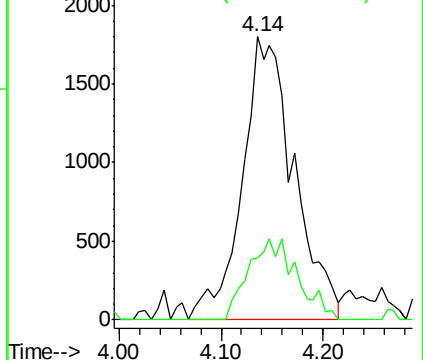
Ion Ratio Lower Upper

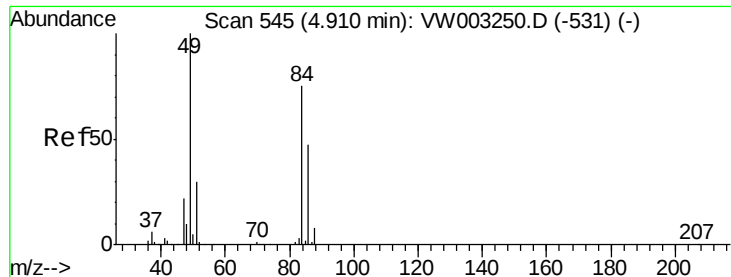
43 100

58 21.9 22.6 34.0#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

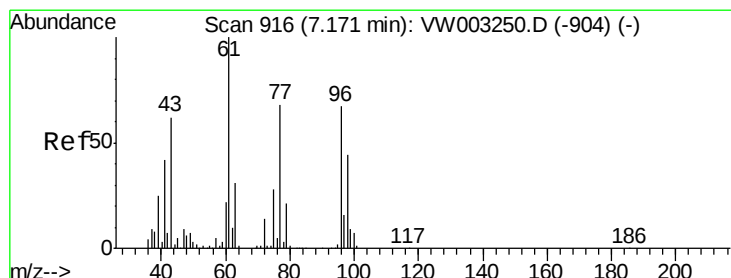
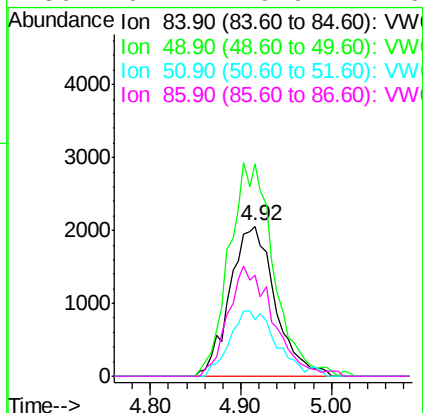
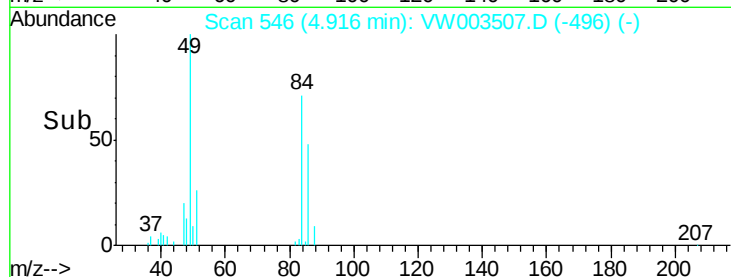
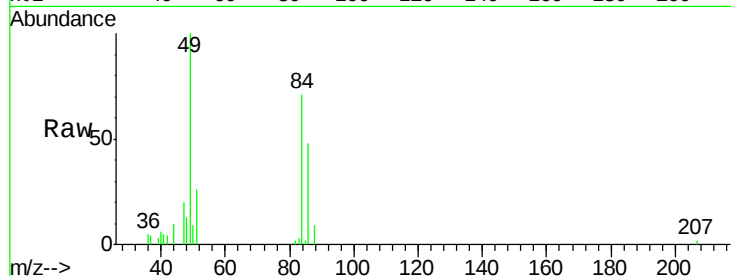




#20
Methvlene Chloride
Concen: 1.24 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003507.D
Acq: 24 Jun 2018 13:47

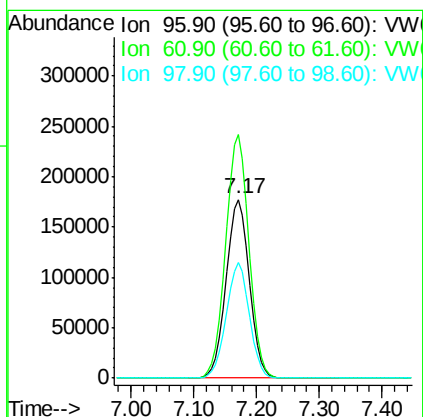
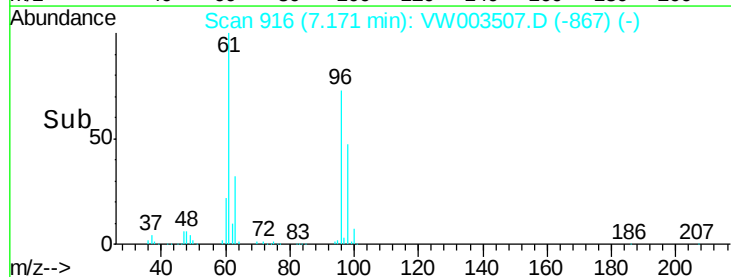
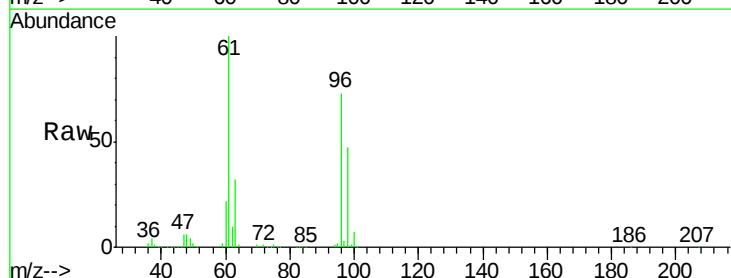
Instrument :
MSVOA_W
ClientSampleId :
WP021SB484-39-41-180620

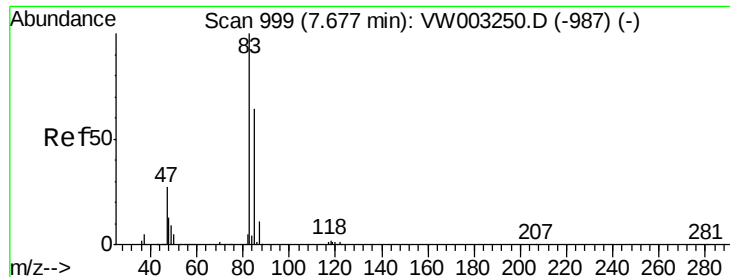
Tot Ion: 84 Resp: 7103
Ion Ratio Lower Upper
84 100
49 141.7 106.3 159.5
51 37.3 32.0 48.0
86 67.7 49.9 74.9



#27
cis-1,2-Dichloroethene
Concen: 274.85 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW003507.D
Acq: 24 Jun 2018 13:47

Tgt Ion: 96 Resp: 454346
Ion Ratio Lower Upper
96 100
61 136.4 0.0 298.8
98 64.1 0.0 130.4





#30

Chloroform

Concen: 1.34 ug/l

RT: 7.68 min Scan# 1000

Delta R.T. 0.01 min

Lab File: VW003507.D

Acq: 24 Jun 2018 13:47

Instrument :

MSVOA_W

ClientSampleId :

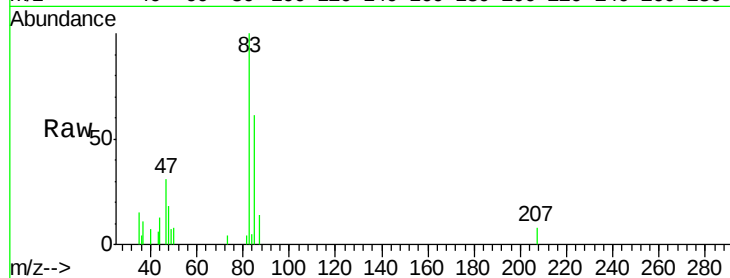
WP021SB484-39-41-180620

Tot Ion: 83 Resp: 3896

Ion Ratio Lower Upper

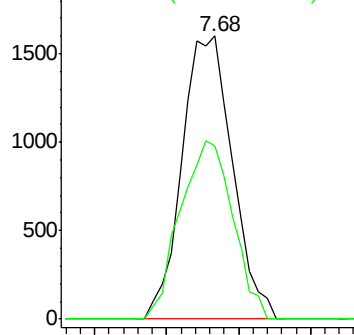
83 100

85 61.4 51.3 76.9

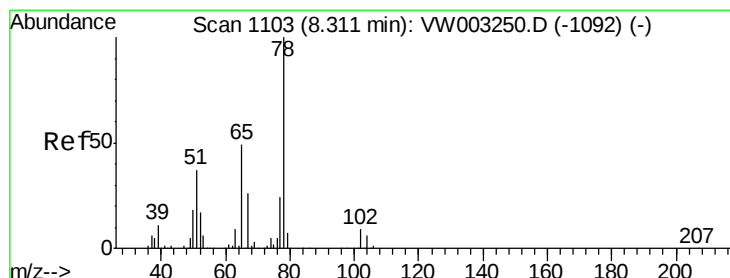
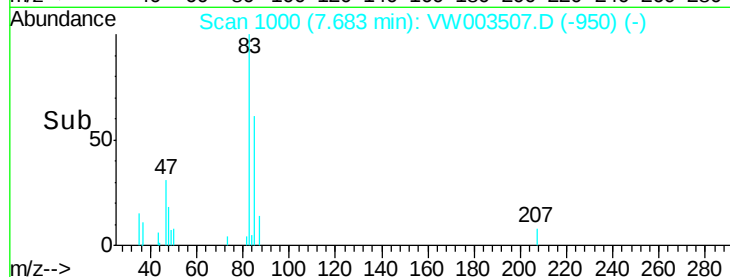


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW



Time-->



#33

1,2-Dichloroethane-d4

Concen: 64.92 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003507.D

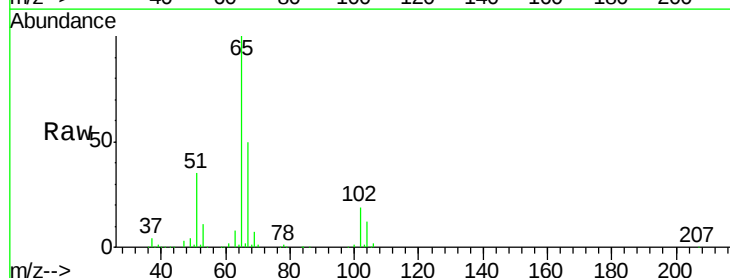
Acq: 24 Jun 2018 13:47

Tgt Ion: 65 Resp: 107412

Ion Ratio Lower Upper

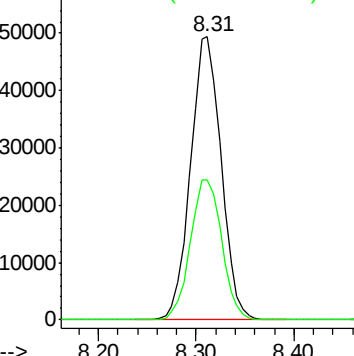
65 100

67 50.9 0.0 104.2

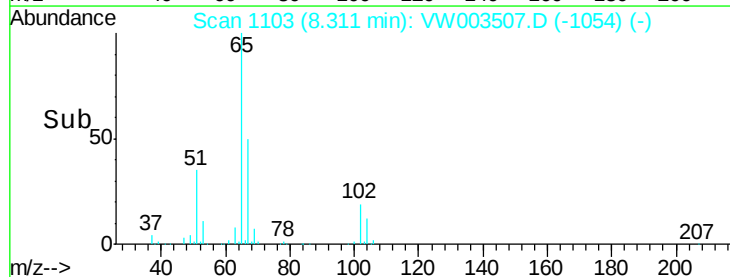


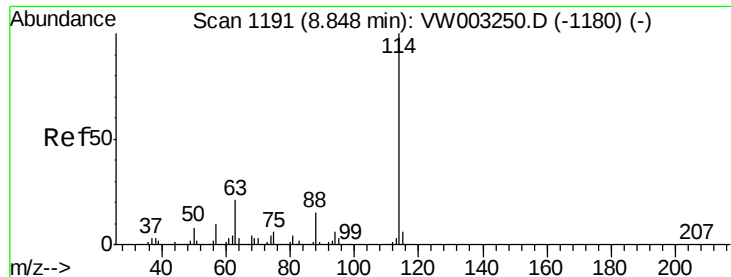
Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



Time-->

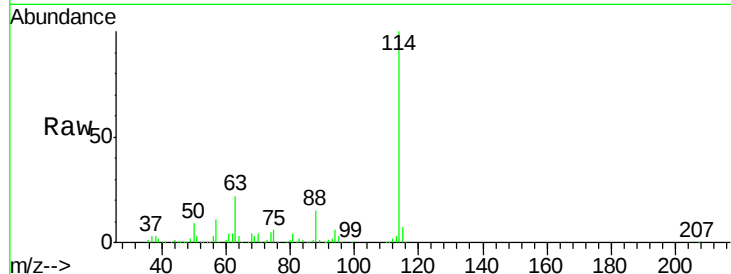




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003507.D
 Acq: 24 Jun 2018 13:47

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB484-39-41-180620

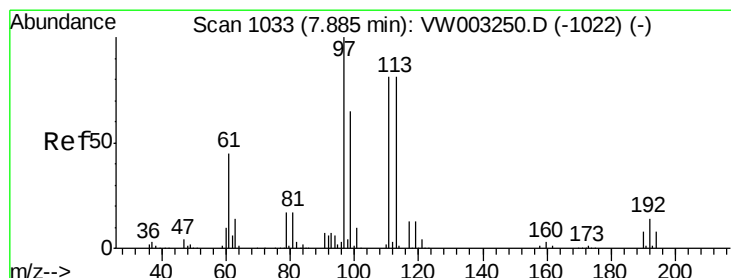
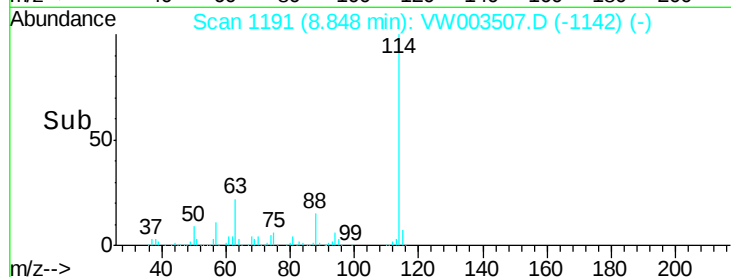
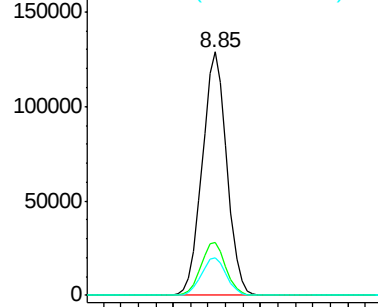
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	43.0
88	15.3	0.0	29.6



Abundance Ion 113.90 (113.60 to 114.60): V

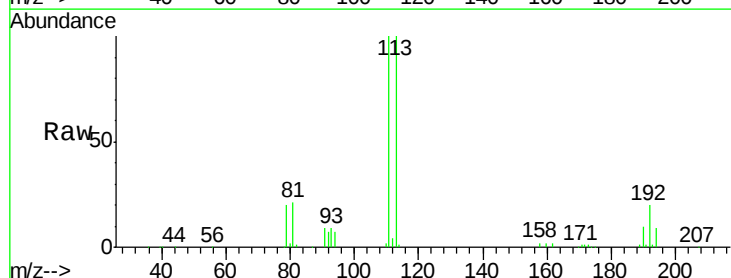
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 57.25 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003507.D
 Acq: 24 Jun 2018 13:47

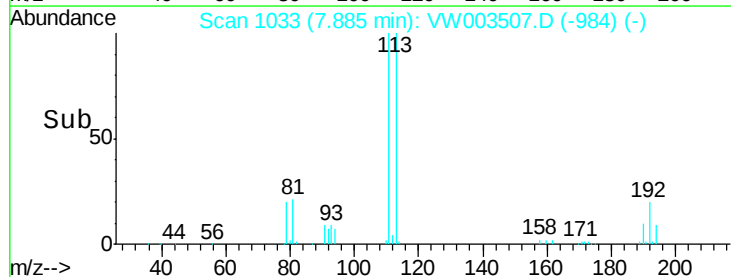
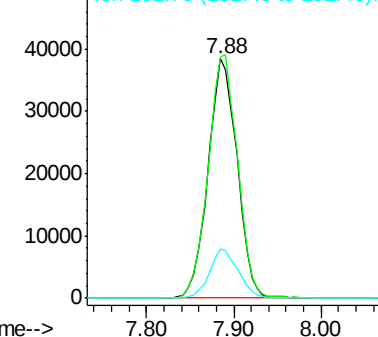
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.2
192	20.1	16.2	24.2

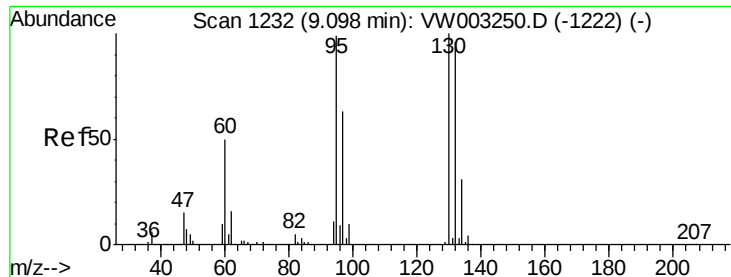


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 1522.85 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VW003507.D

Acq: 24 Jun 2018 13:47

Instrument :

MSVOA_W

ClientSampleId :

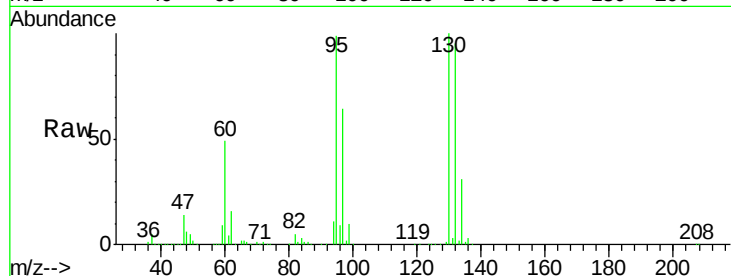
WP021SB484-39-41-180620

Tot Ion:130 Resp: 2688381

Ion Ratio Lower Upper

130 100

95 98.9 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

9.10

1500000

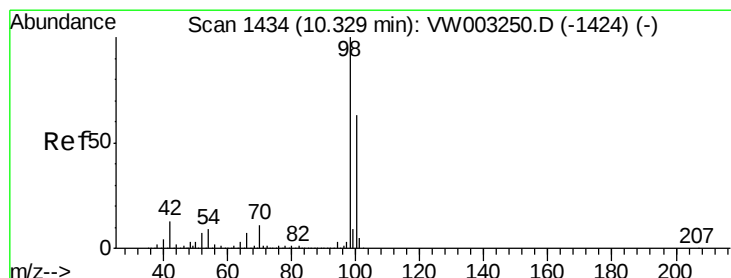
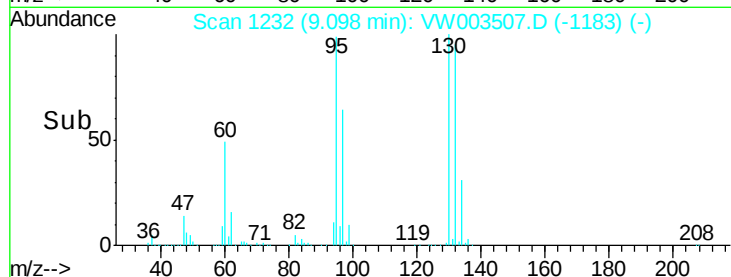
1000000

500000

0

Time-->

9.00 9.10 9.20



#50

Toluene-d8

Concen: 49.14 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003507.D

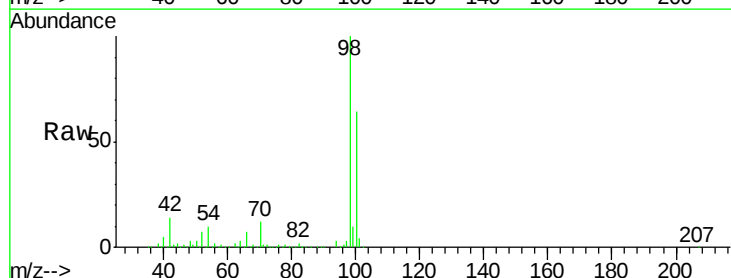
Acq: 24 Jun 2018 13:47

Tgt Ion: 98 Resp: 303018

Ion Ratio Lower Upper

98 100

100 63.0 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.33

200000

150000

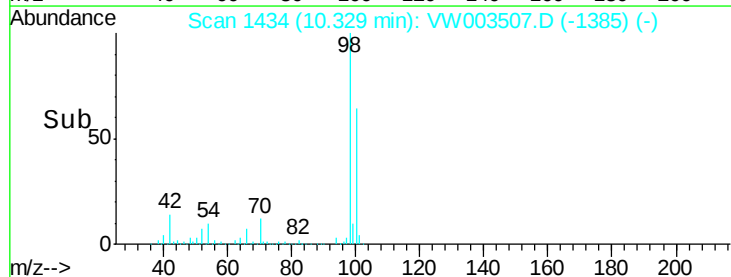
100000

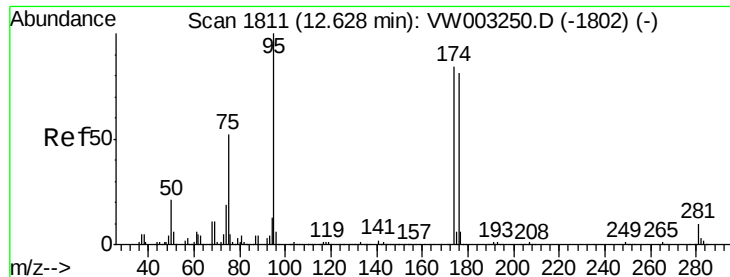
50000

0

Time-->

10.30 10.40





#62

4-Bromofluorobenzene

Concen: 49.18 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003507.D

Acq: 24 Jun 2018 13:47

Instrument :

MSVOA_W

ClientSampleId :

WP021SB484-39-41-180620

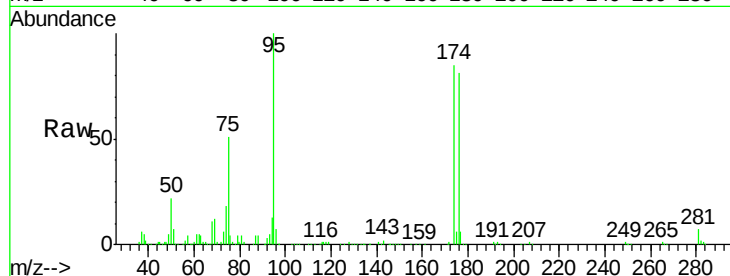
Tot Ion: 95 Resp: 107318

Ion Ratio Lower Upper

95 100

174 83.5 0.0 166.4

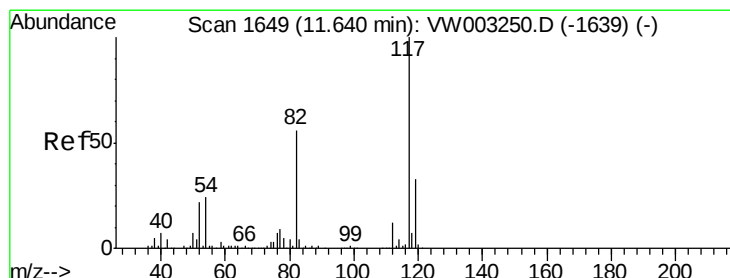
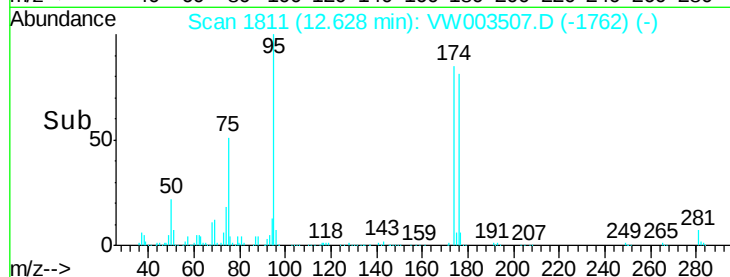
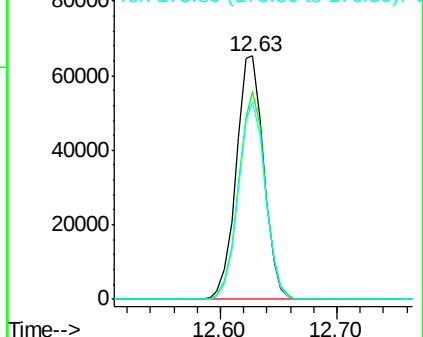
176 79.9 0.0 162.0



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: 50.00 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. -0.01 min

Lab File: VW003507.D

Acq: 24 Jun 2018 13:47

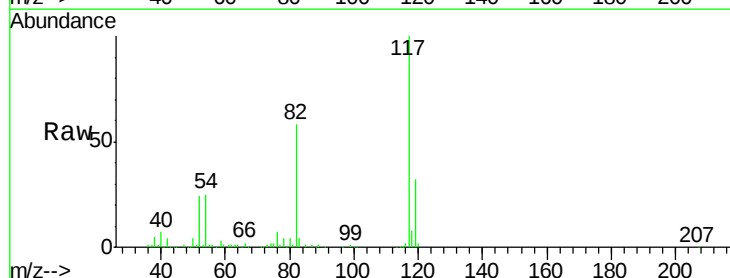
Tgt Ion: 117 Resp: 231955

Ion Ratio Lower Upper

117 100

82 57.9 44.6 67.0

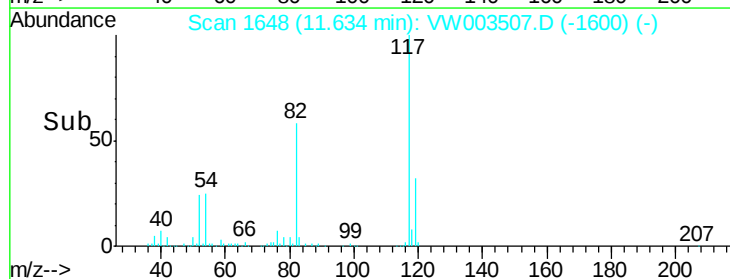
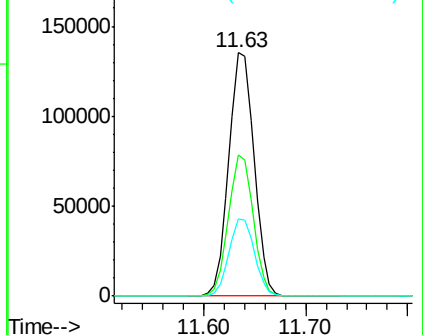
119 31.9 26.7 40.1

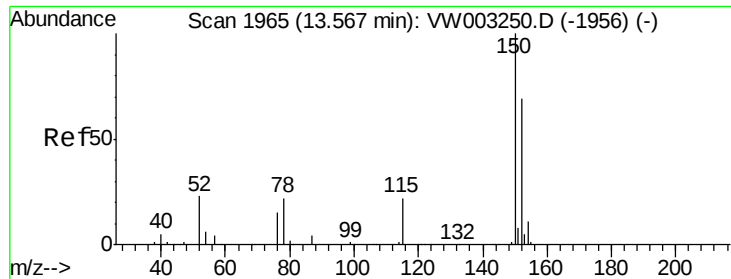


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003507.D

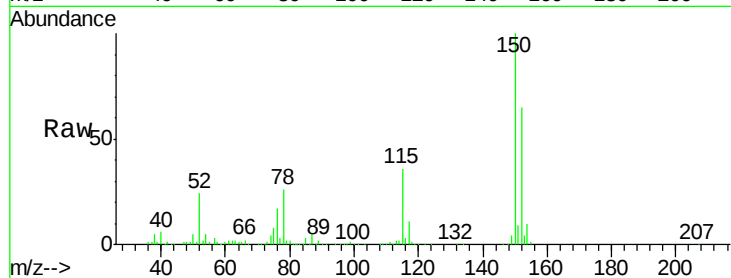
Acq: 24 Jun 2018 13:47

Instrument :

MSVOA_W

ClientSampleId :

WP021SB484-39-41-180620



Tot Ion:	152	Resp:	109450
Ion	Ratio	Lower	Upper
152	100		
115	58.3	29.3	88.0
150	156.8	0.0	349.6

