

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007557.D
 Acq On : 15 Dec 2018 02:47
 Operator : SY/AP
 Sample : J6391-16
 Misc : 1.86G/5ML/MSVOA_W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS018-0006-01

Quant Time: Dec 15 03:57:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 15 03:35:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	58626	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	97152	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	61287	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	15041	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	39057	60.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.10%	
35) Dibromofluoromethane	7.88	113	32082	54.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.10%	
50) Toluene-d8	10.32	98	90953	41.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.50%	
62) 4-Bromofluorobenzene	12.62	95	20161	24.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	49.74%	

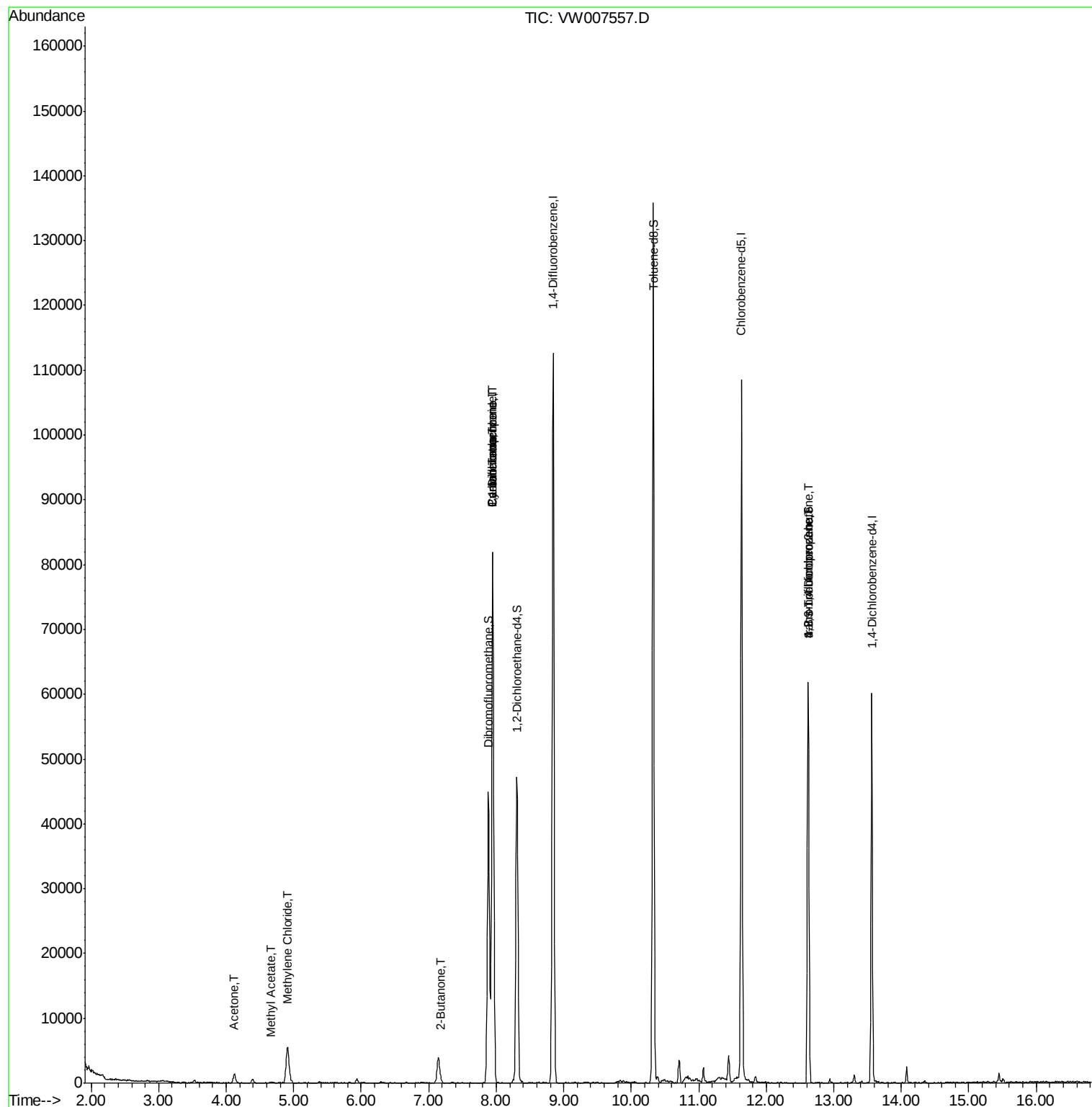
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	2522	22.199	ug/l	89
18) Methyl Acetate	4.67	43	398	1.291	ug/l #	49
20) Methylene Chloride	4.90	84	4976	4.440	ug/l #	88
25) 2-Butanone	7.18	43	247	1.665	ug/l #	45
31) Cyclohexane	7.95	56	1161	1.149	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	4600	5.190	ug/l #	48
38) Carbon Tetrachloride	7.95	117	6248	6.479	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	10187	82.142	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	10187	181.452	ug/l #	7

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
Data File : VW007557.D
Acq On : 15 Dec 2018 02:47
Operator : SY/AP
Sample : J6391-16
Misc : 1.86G/5ML/MSVOA_W/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-SS018-0006-01

Quant Time: Dec 15 03:57:51 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Sat Dec 15 03:35:28 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007557.D

Acq: 15 Dec 2018 02:47

Instrument :

BNA_G

ClientSampleId :

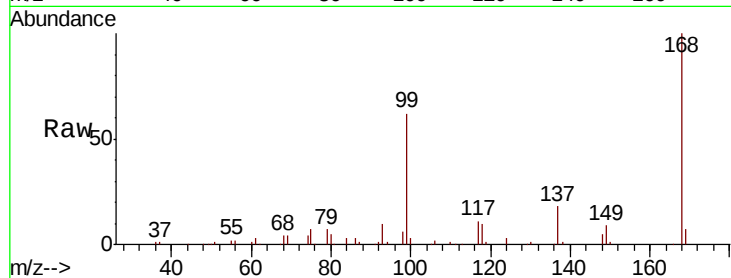
P001-SS018-0006-01

Tgt Ion:168 Resp: 58626

Ion Ratio Lower Upper

168 100

99 62.4 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

30000

25000

20000

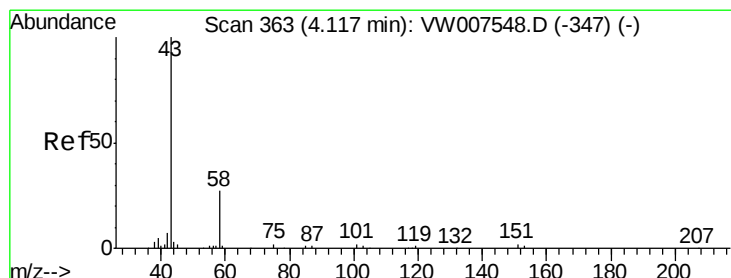
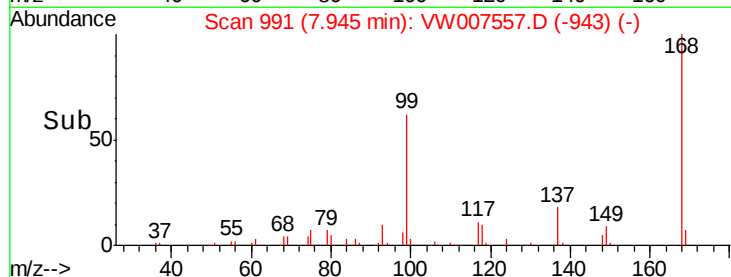
15000

10000

5000

0

Time-->



#16

Acetone

Concen: 22.199 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW007557.D

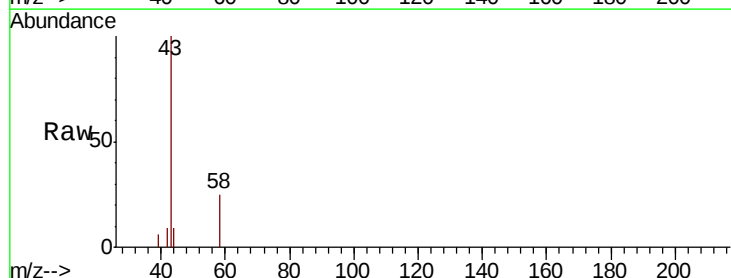
Acq: 15 Dec 2018 02:47

Tgt Ion: 43 Resp: 2522

Ion Ratio Lower Upper

43 100

58 25.3 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

1000

800

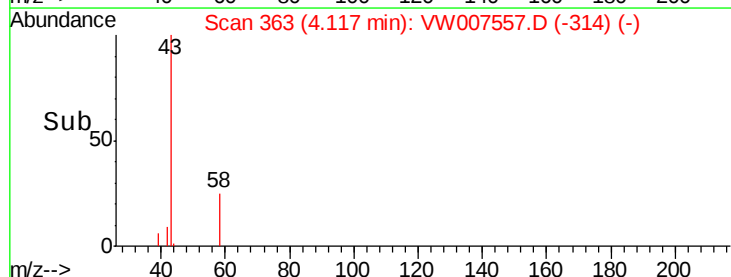
600

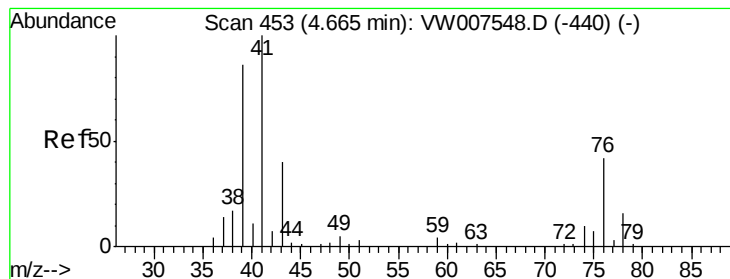
400

200

0

Time-->





#18

Methyl Acetate

Concen: 1.291 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW007557.D

Acq: 15 Dec 2018 02:47

Instrument :

BNA_G

ClientSampleId :

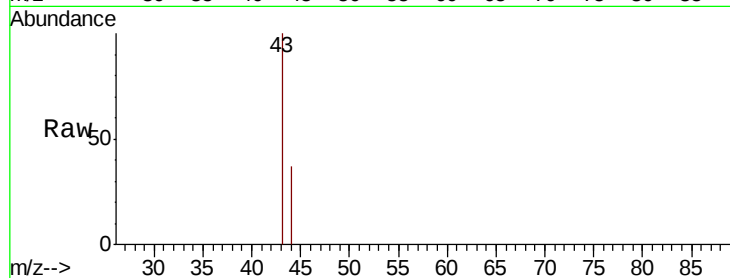
P001-SS018-0006-01

Tgt Ion: 43 Resp: 398

Ion Ratio Lower Upper

43 100

74 0.0 21.1 31.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

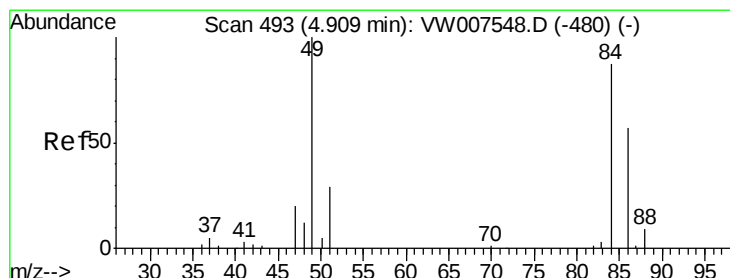
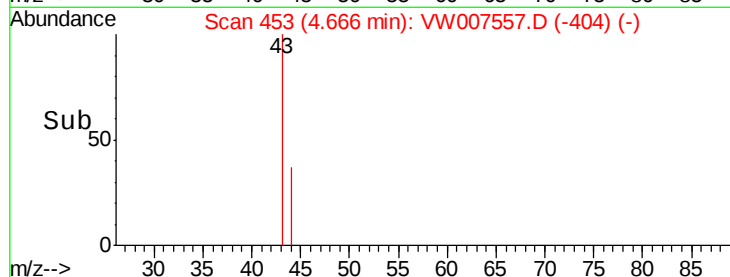
150

100

50

0

Time-->



#20

Methylene Chloride

Concen: 4.440 ug/l

RT: 4.90 min Scan# 491

Delta R.T. -0.01 min

Lab File: VW007557.D

Acq: 15 Dec 2018 02:47

Tgt Ion: 84 Resp: 4976

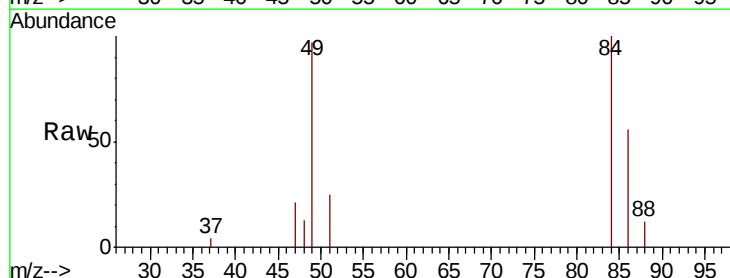
Ion Ratio Lower Upper

84 100

49 96.7 87.1 130.7

51 25.3 28.2 42.2#

86 56.0 50.8 76.2



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

2500

2000

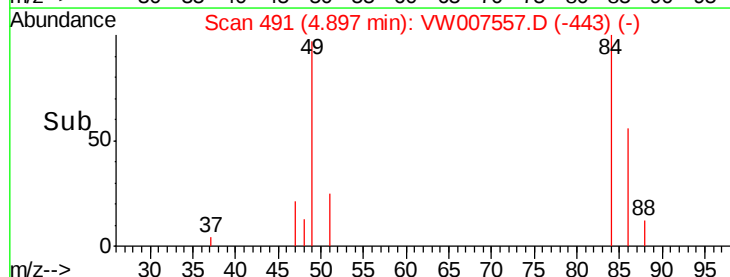
1500

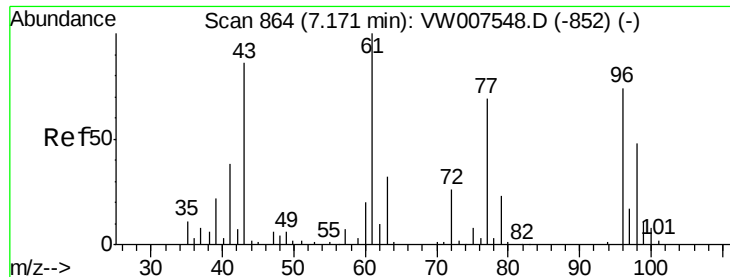
1000

500

0

Time-->

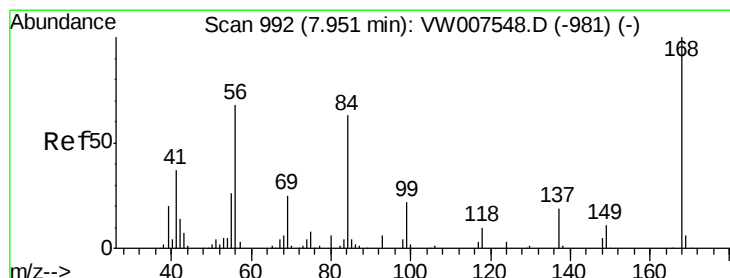
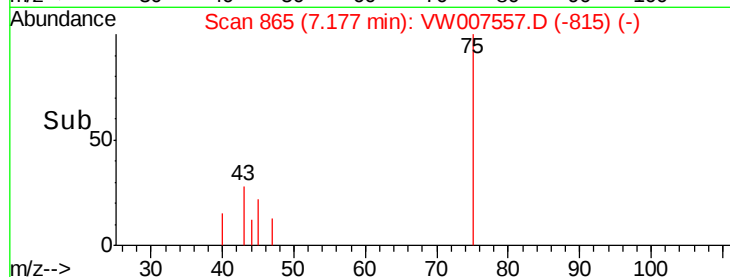
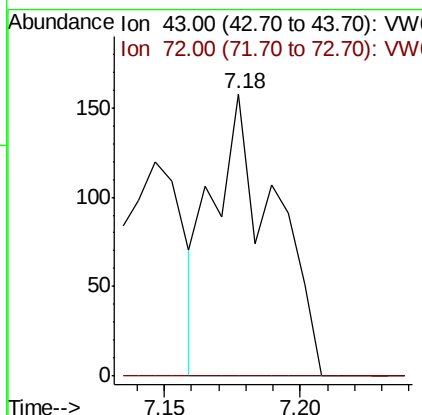
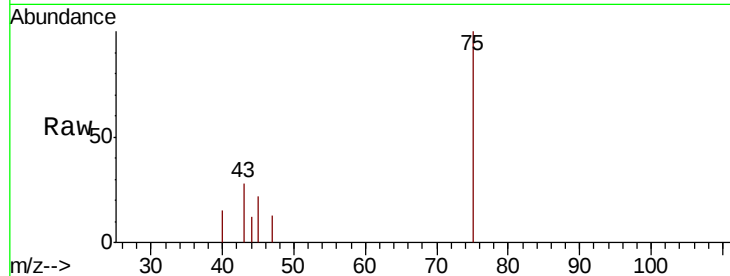




#25
2-Butanone
Concen: 1.665 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW007557.D
Acq: 15 Dec 2018 02:47

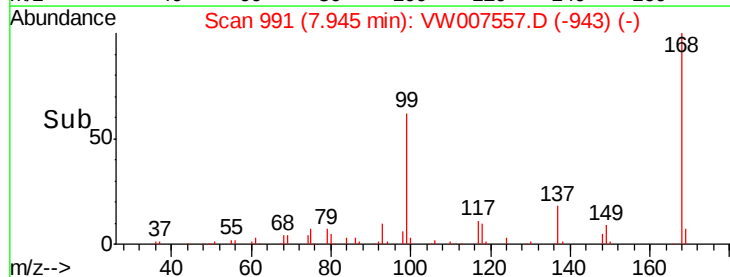
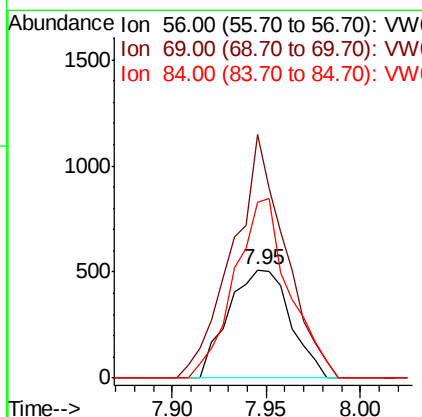
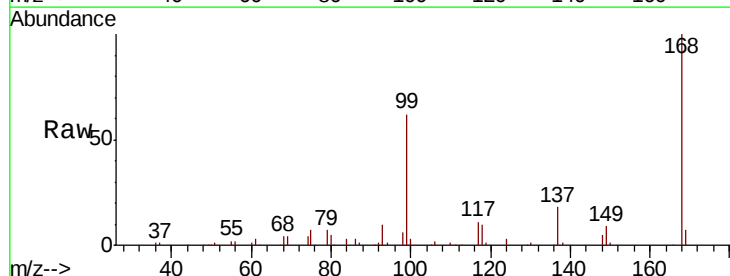
Instrument :
BNA_G
ClientSampleId :
P001-SS018-0006-01

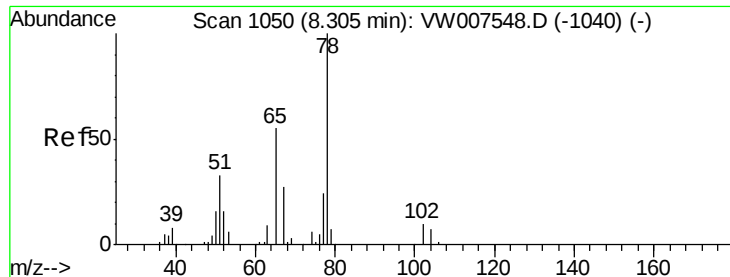
Tgt Ion: 43 Resp: 247
Ion Ratio Lower Upper
43 100
72 0.0 23.4 35.2#



#31
Cyclohexane
Concen: 1.149 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007557.D
Acq: 15 Dec 2018 02:47

Tgt Ion: 56 Resp: 1161
Ion Ratio Lower Upper
56 100
69 224.5 28.9 43.3#
84 162.0 71.8 107.6#

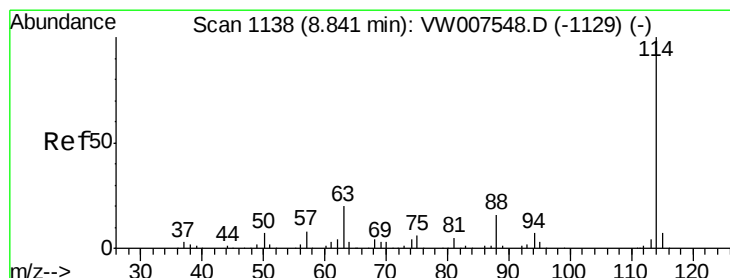
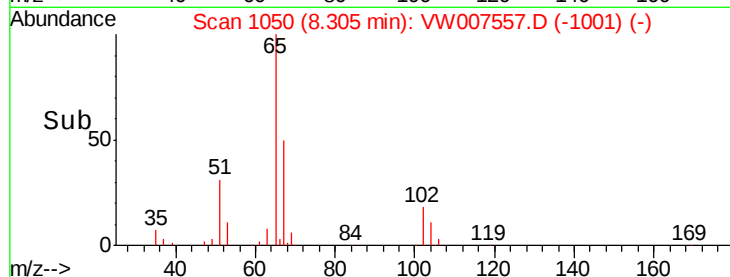
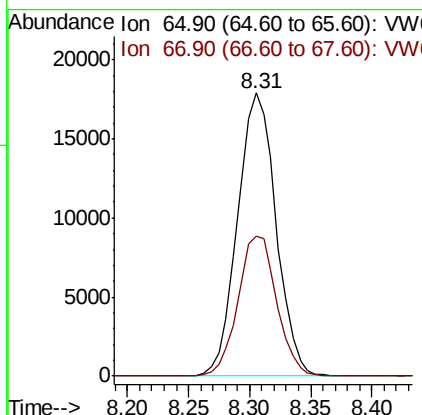
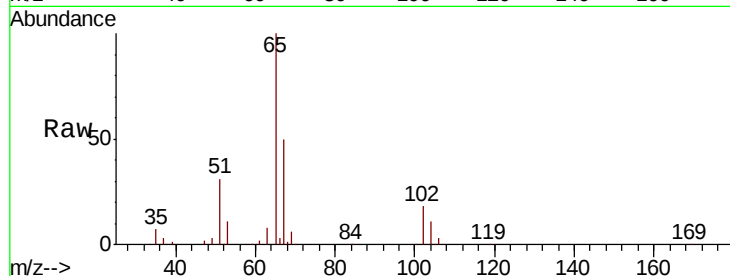




#33
 1,2-Dichloroethane-d4
 Concen: 60.050 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW007557.D
 Acq: 15 Dec 2018 02:47

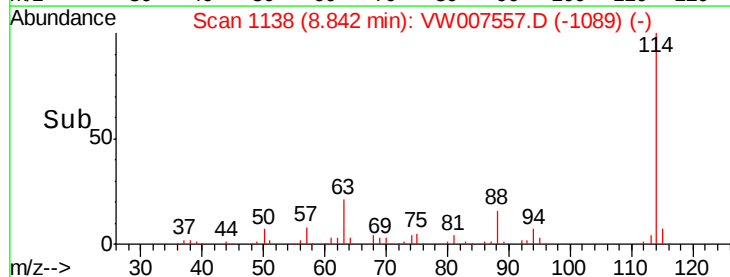
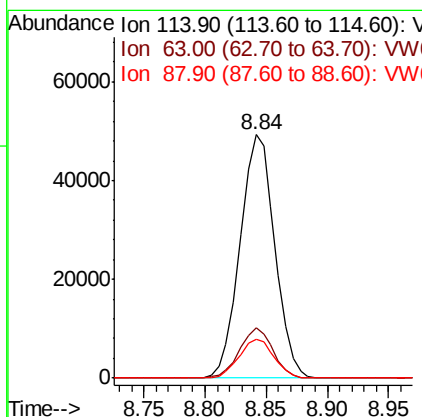
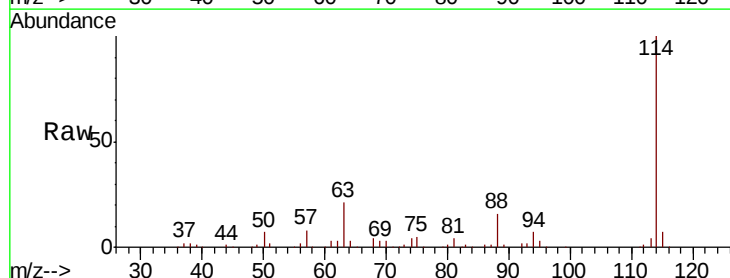
Instrument :
 BNA_G
 ClientSampleId :
 P001-SS018-0006-01

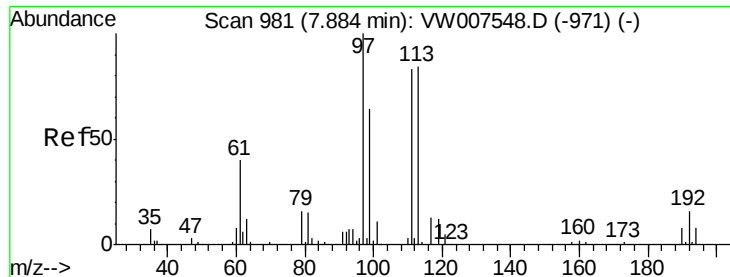
Tgt Ion: 65 Resp: 39057
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007557.D
 Acq: 15 Dec 2018 02:47

Tgt Ion: 114 Resp: 97152
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 39.6
 88 15.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 54.552 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW007557.D

Acq: 15 Dec 2018 02:47

Instrument :

BNA_G

ClientSampleId :

P001-SS018-0006-01

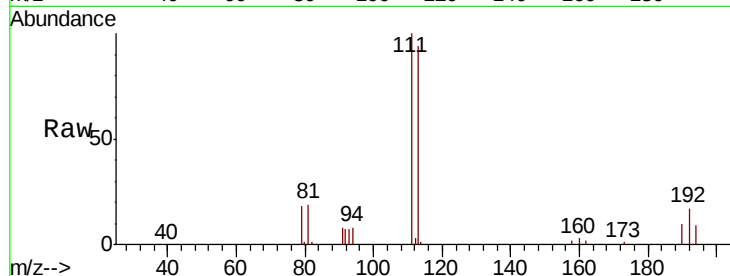
Tgt Ion:113 Resp: 32082

Ion Ratio Lower Upper

113 100

111 102.8 81.1 121.7

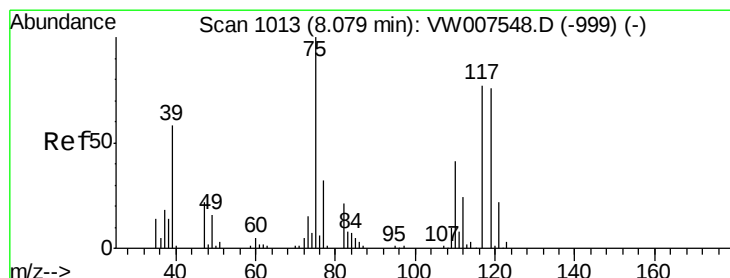
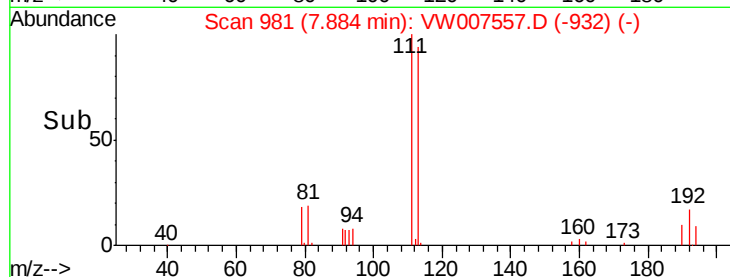
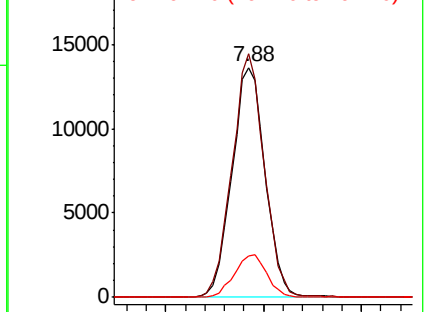
192 18.2 14.6 21.8



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: 5.190 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW007557.D

Acq: 15 Dec 2018 02:47

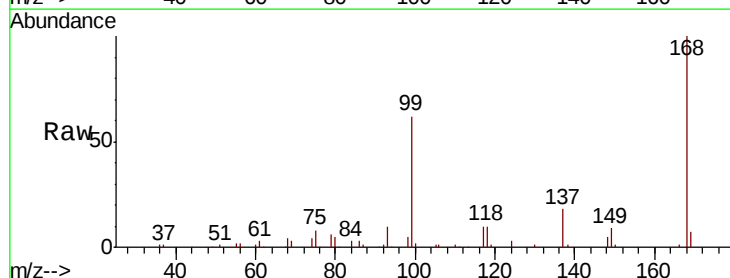
Tgt Ion: 75 Resp: 4600

Ion Ratio Lower Upper

75 100

110 9.0 18.5 55.5#

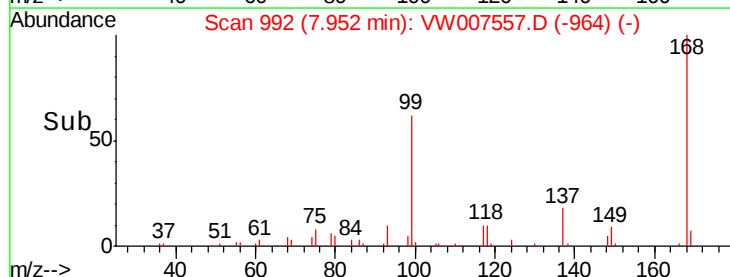
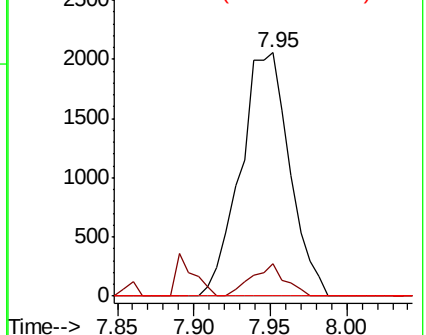
77 0.0 25.6 38.4#

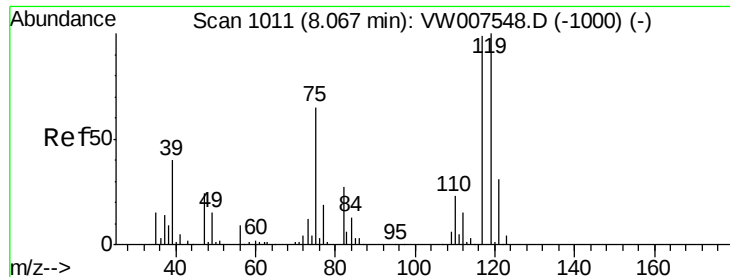


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

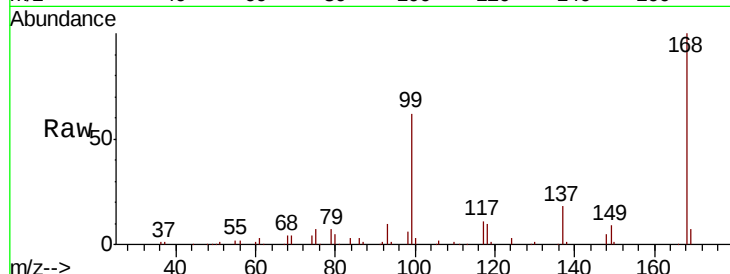




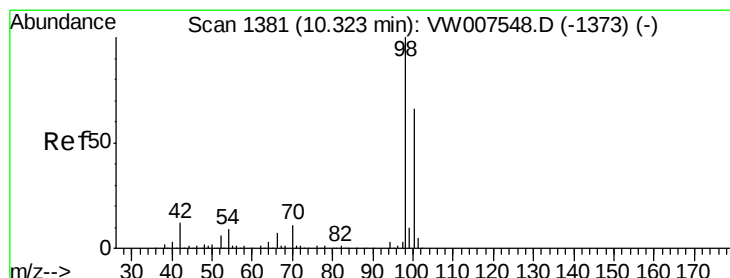
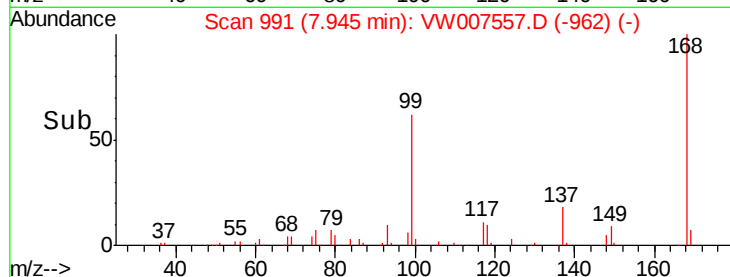
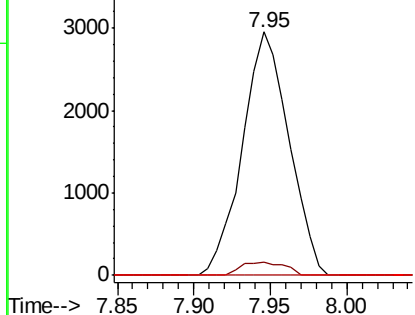
#38
Carbon Tetrachloride
Concen: 6.479 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007557.D
Acq: 15 Dec 2018 02:47

Instrument :
BNA_G
ClientSampleId :
P001-SS018-0006-01

Tgt Ion: 117 Resp: 6248
Ion Ratio Lower Upper
117 100
119 5.5 74.3 111.5#
121 0.0 24.3 36.5#

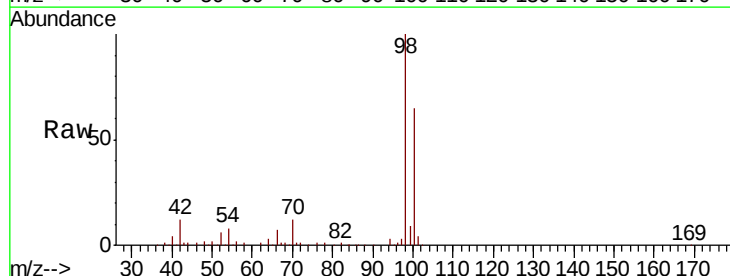


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

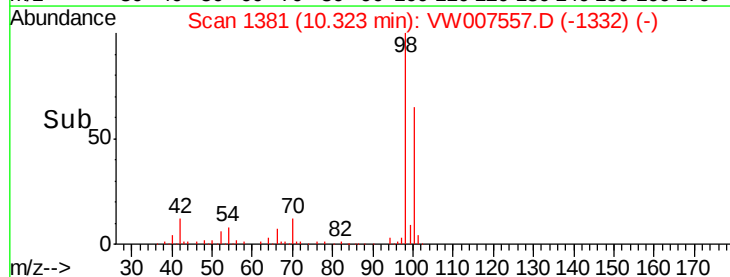
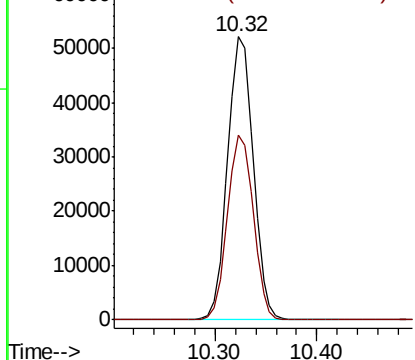


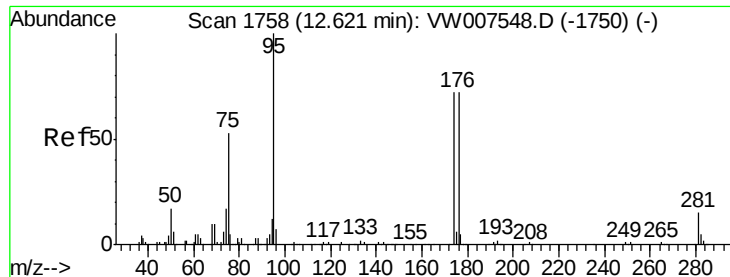
#50
Toluene-d8
Concen: 41.248 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW007557.D
Acq: 15 Dec 2018 02:47

Tgt Ion: 98 Resp: 90953
Ion Ratio Lower Upper
98 100
100 65.7 51.8 77.8



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

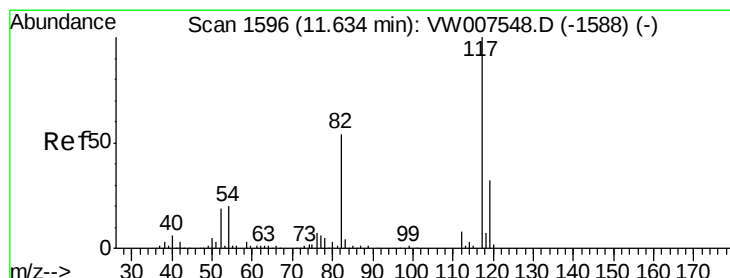
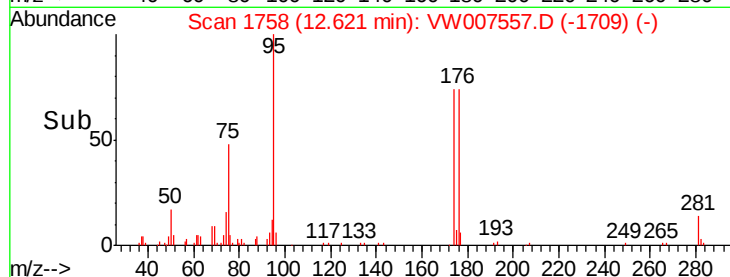
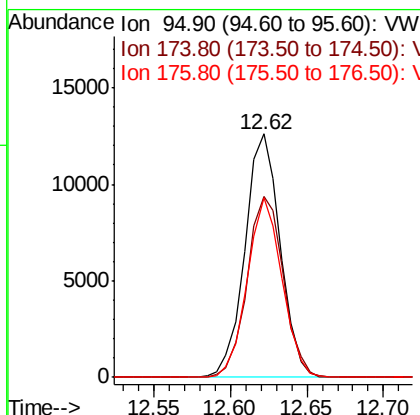
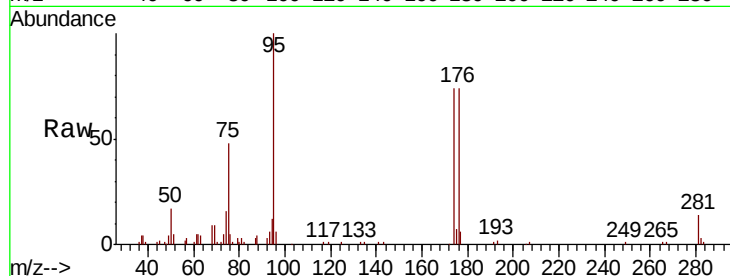




#62
4-Bromofluorobenzene
Concen: 24.867 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007557.D
Acq: 15 Dec 2018 02:47

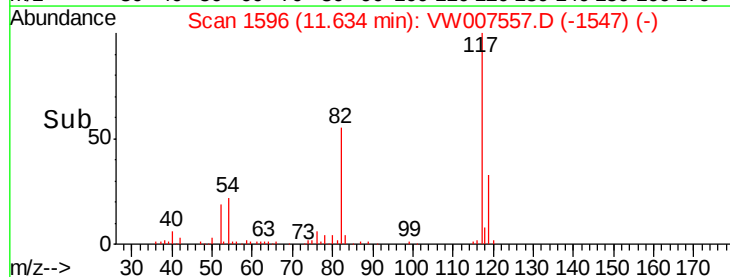
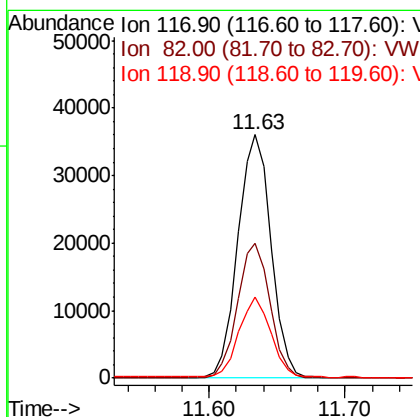
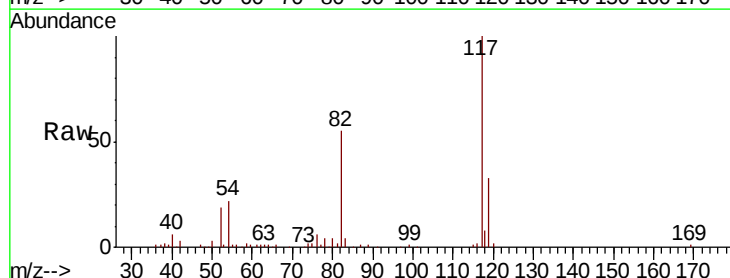
Instrument :
BNA_G
ClientSampleId :
P001-SS018-0006-01

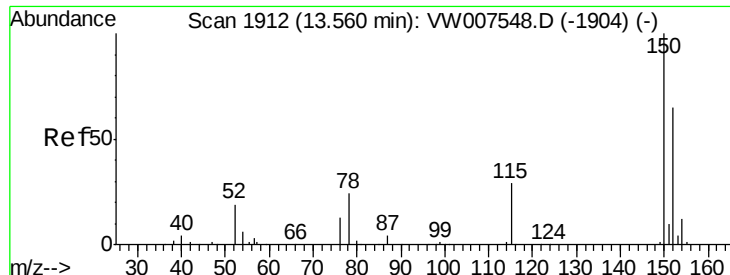
Tgt Ion: 95 Resp: 20161
Ion Ratio Lower Upper
95 100
174 76.3 0.0 147.2
176 72.5 0.0 138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007557.D
Acq: 15 Dec 2018 02:47

Tgt Ion: 117 Resp: 61287
Ion Ratio Lower Upper
117 100
82 55.3 42.3 63.5
119 33.0 23.0 34.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW007557.D

Acq: 15 Dec 2018 02:47

Instrument :

BNA_G

ClientSampleId :

P001-SS018-0006-01

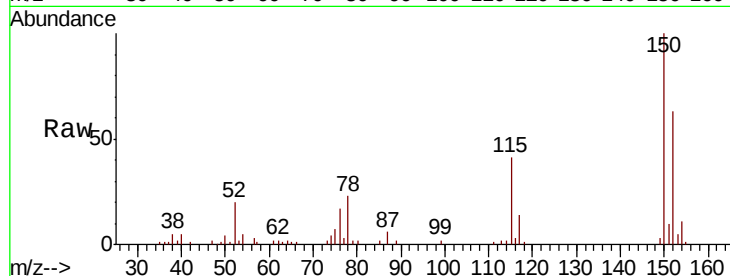
Tgt Ion:152 Resp: 15041

Ion Ratio Lower Upper

152 100

115 66.0 31.4 94.2

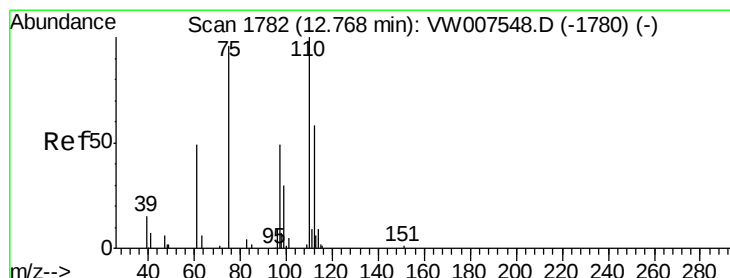
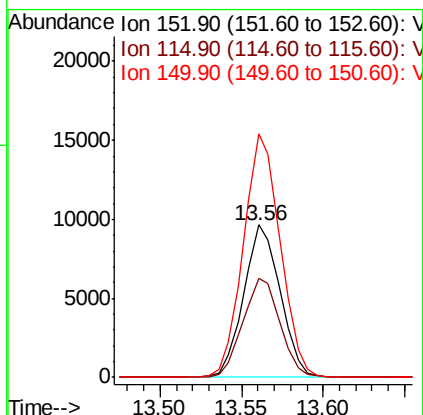
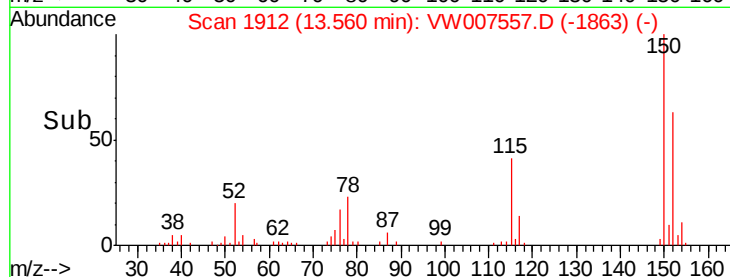
150 161.2 0.0 358.4



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: 82.142 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007557.D

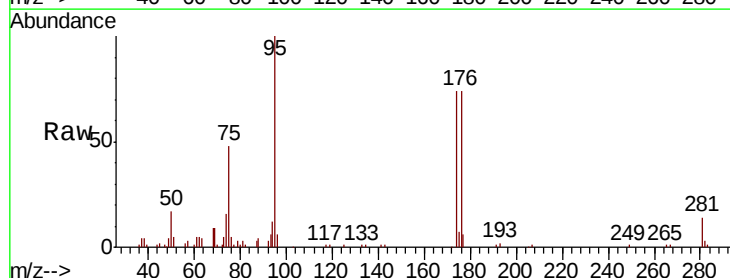
Acq: 15 Dec 2018 02:47

Tgt Ion: 75 Resp: 10187

Ion Ratio Lower Upper

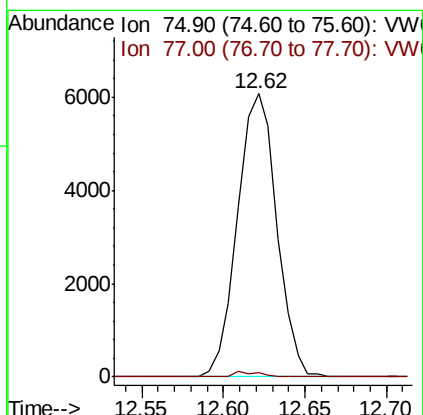
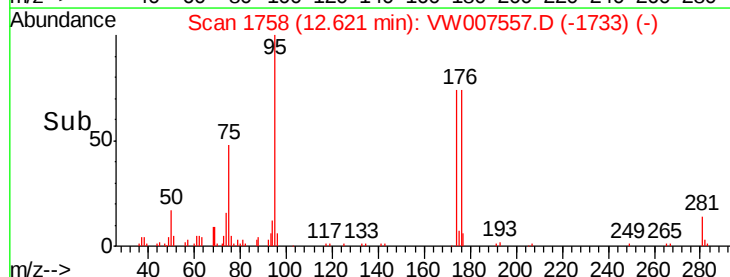
75 100

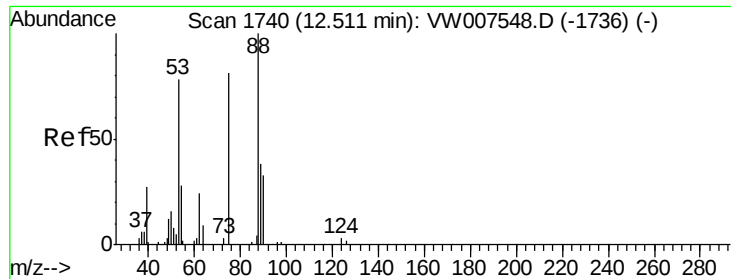
77 1.3 166.9 500.8#



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: 181.452 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007557.D

Acq: 15 Dec 2018 02:47

Instrument :

BNA_G

ClientSampleId :

P001-SS018-0006-01

Tgt Ion: 75 Resp: 10187

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#

