

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007560.D
 Acq On : 15 Dec 2018 04:05
 Operator : SY/AP
 Sample : J6391-19
 Misc : 5.99G/5ML/MSVOA_W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS018-1824-01

Quant Time: Dec 15 04:43:52 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	61417	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	102331	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	68392	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	17938	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	40071	58.81	ug/l	0.00
Spiked Amount			Recovery	=	117.62%	
35) Dibromofluoromethane	7.88	113	35925	57.99	ug/l	0.00
Spiked Amount			Recovery	=	115.98%	
50) Toluene-d8	10.32	98	108181	46.58	ug/l	0.00
Spiked Amount			Recovery	=	93.16%	
62) 4-Bromofluorobenzene	12.62	95	25504	29.87	ug/l	0.00
Spiked Amount			Recovery	=	59.74%	

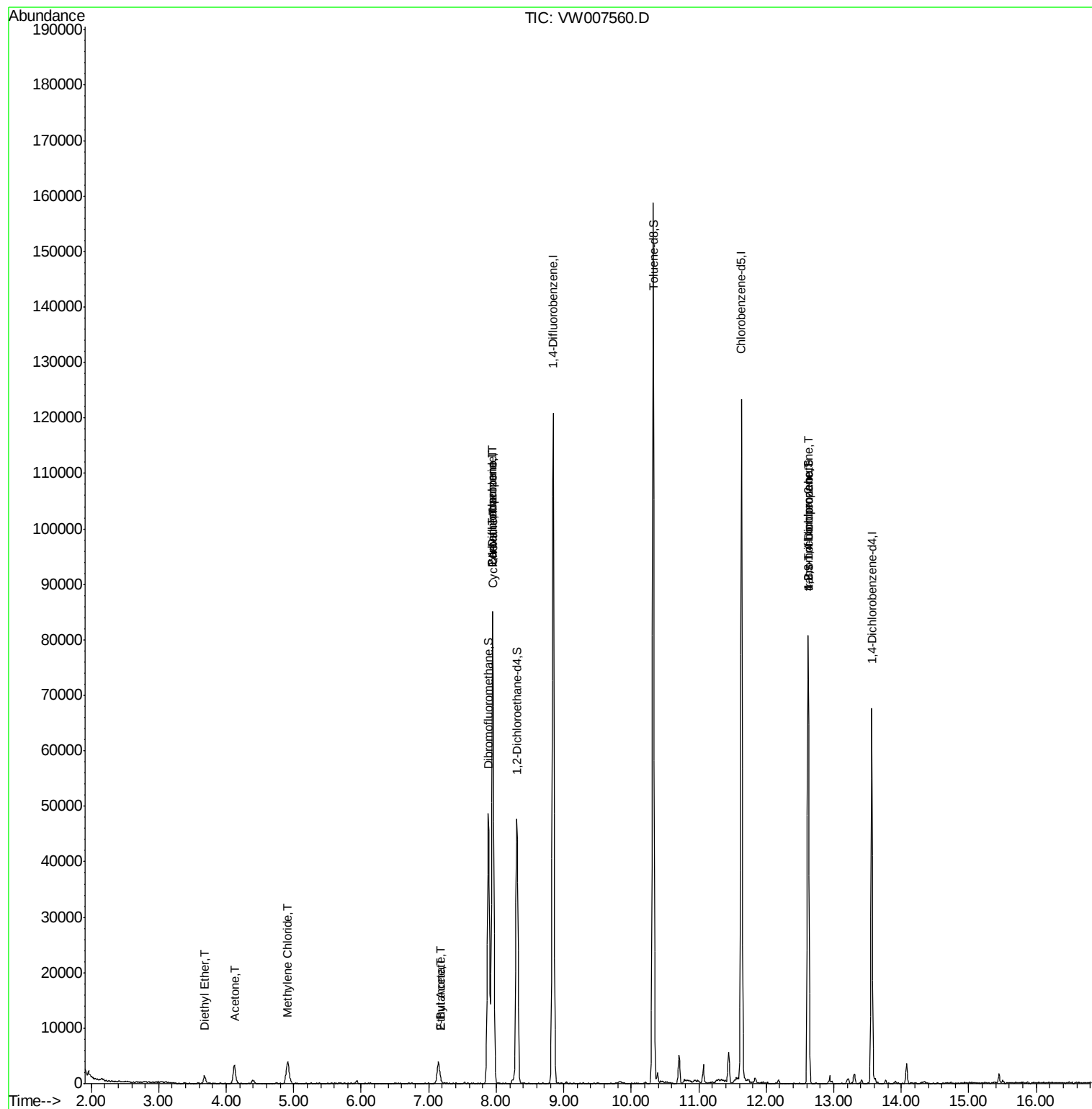
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	831	2.800	ug/l	99
16) Acetone	4.12	43	5781	48.573	ug/l	99
20) Methylene Chloride	4.91	84	3327	1.296	ug/l	97
25) 2-Butanone	7.18	43	603	3.881	ug/l	92
31) Cyclohexane	7.96	56	1243	1.174	ug/l #	12
36) 1,1-Dichloropropene	7.95	75	4780	5.121	ug/l #	49
37) Ethyl Acetate	7.18	43	603	1.737	ug/l #	66
38) Carbon Tetrachloride	7.95	117	6802	6.697	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	13309	89.984	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	13309	198.776	ug/l #	7

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

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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: VW007560.D

Acq: 15 Dec 2018 04:05

Instrument :

BNA_G

ClientSampleId :

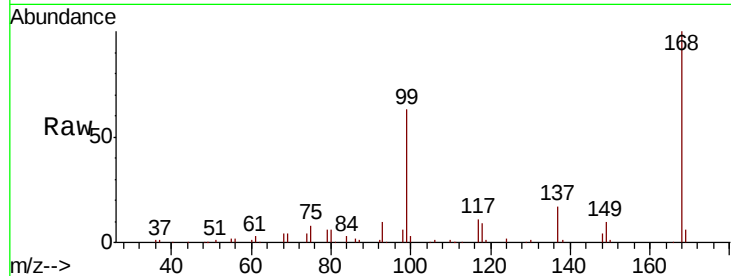
P001-SS018-1824-01

Tgt Ion: 168 Resp: 61417

Ion Ratio Lower Upper

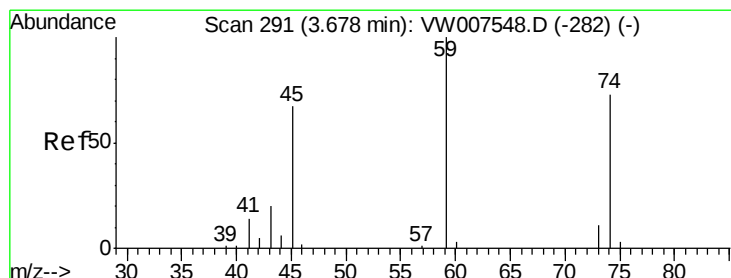
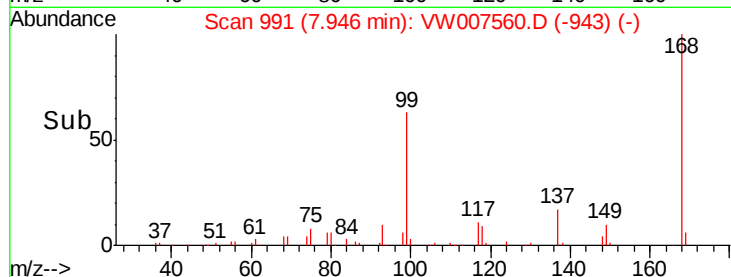
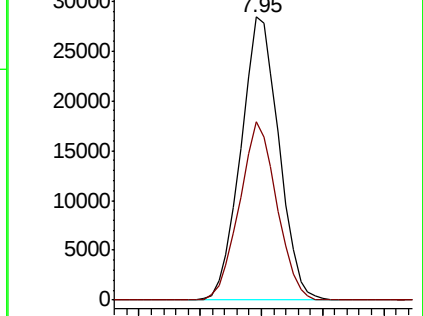
168 100

99 63.1 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 2.800 ug/l

RT: 3.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VW007560.D

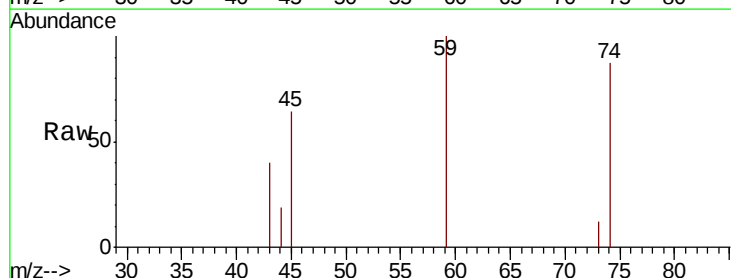
Acq: 15 Dec 2018 04:05

Tgt Ion: 74 Resp: 831

Ion Ratio Lower Upper

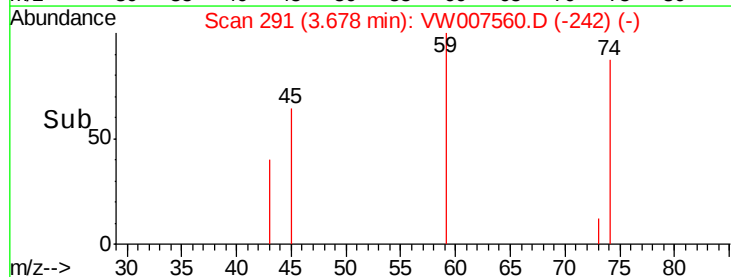
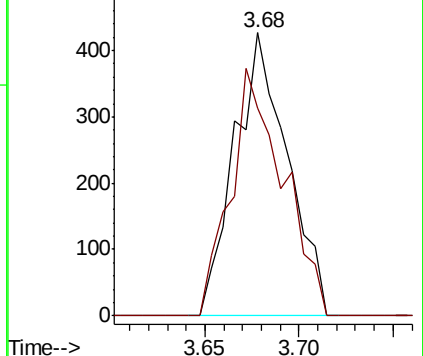
74 100

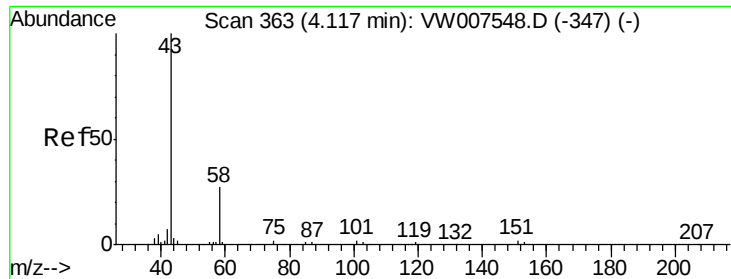
45 86.6 43.0 129.0



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 48.573 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007560.D

Acq: 15 Dec 2018 04:05

Instrument :

BNA_G

ClientSampleId :

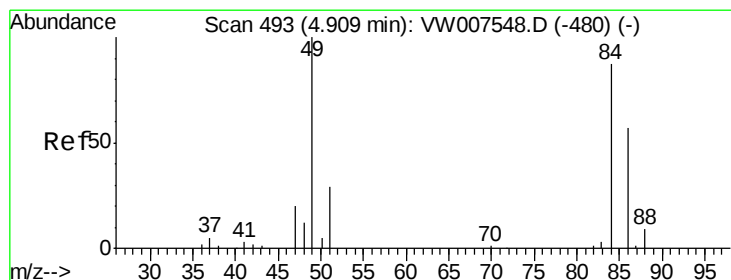
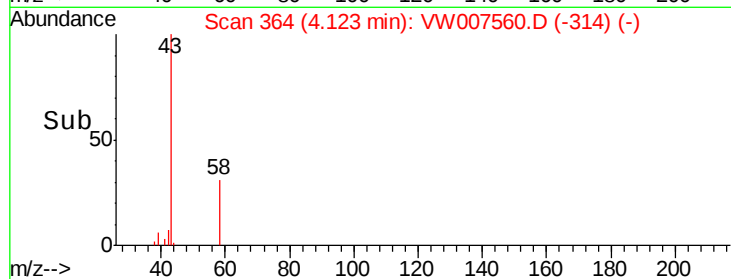
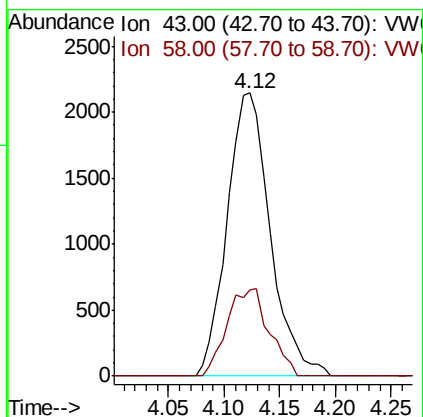
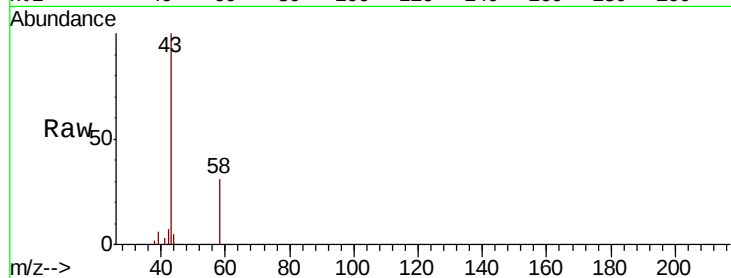
P001-SS018-1824-01

Tgt Ion: 43 Resp: 5781

Ion Ratio Lower Upper

43 100

58 30.5 24.9 37.3



#20

Methylene Chloride

Concen: 1.296 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.01 min

Lab File: VW007560.D

Acq: 15 Dec 2018 04:05

Tgt Ion: 84 Resp: 3327

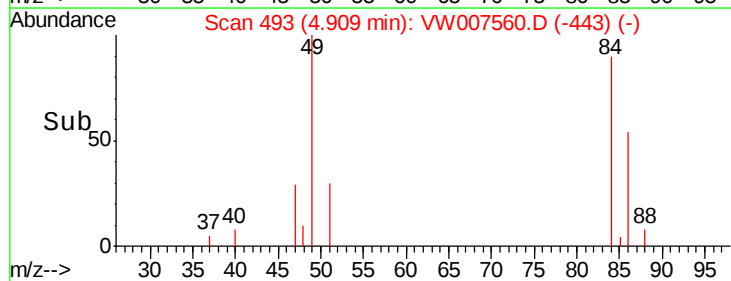
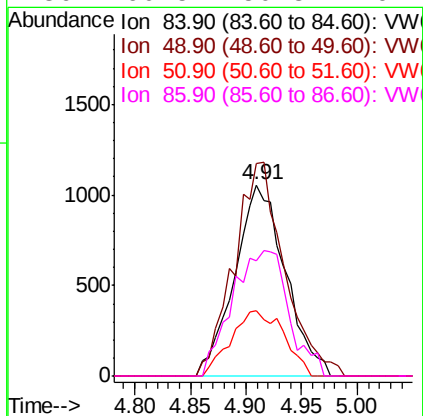
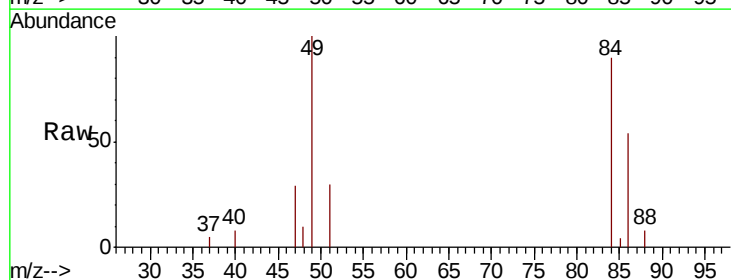
Ion Ratio Lower Upper

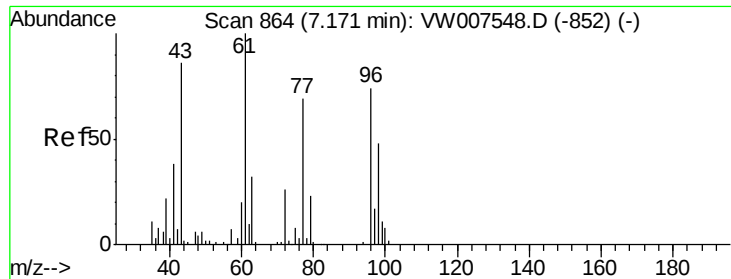
84 100

49 111.4 87.1 130.7

51 33.9 28.2 42.2

86 60.5 50.8 76.2

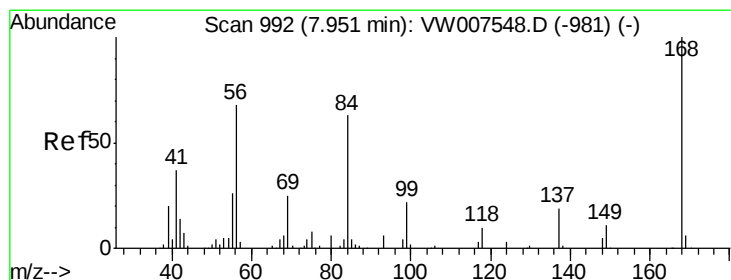
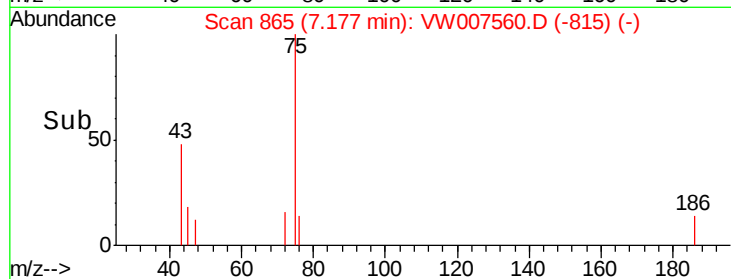
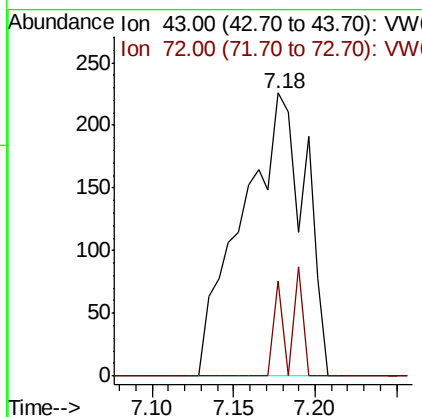
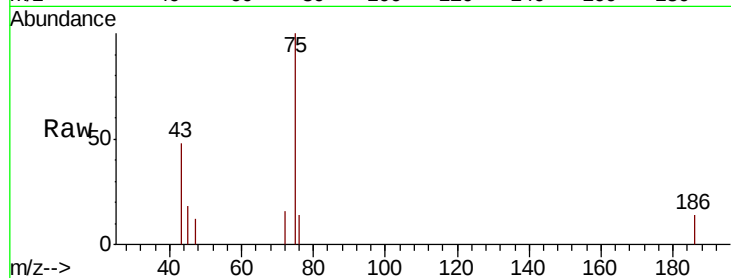




#25
2-Butanone
Concen: 3.881 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW007560.D
Acq: 15 Dec 2018 04:05

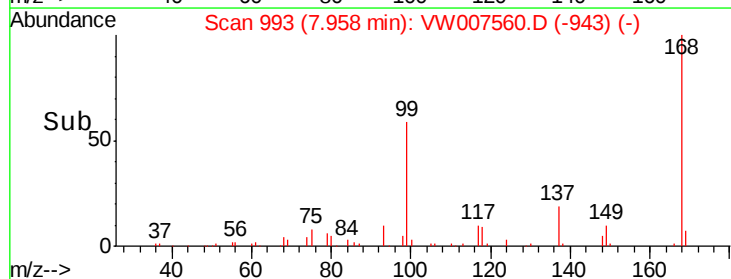
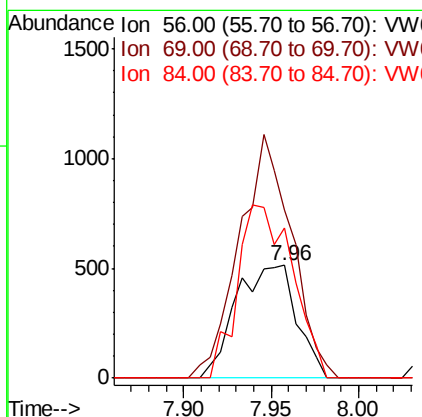
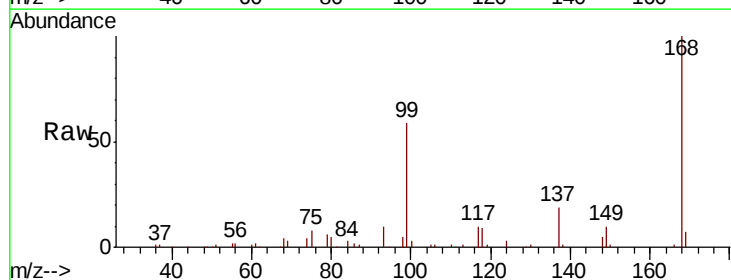
Instrument :
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P001-SS018-1824-01

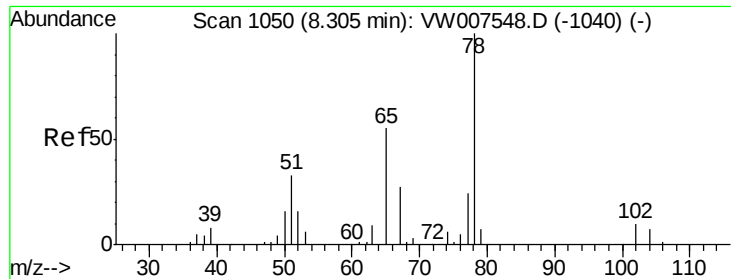
Tgt Ion: 43 Resp: 603
Ion Ratio Lower Upper
43 100
72 33.6 23.4 35.2



#31
Cyclohexane
Concen: 1.174 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.01 min
Lab File: VW007560.D
Acq: 15 Dec 2018 04:05

Tgt Ion: 56 Resp: 1243
Ion Ratio Lower Upper
56 100
69 149.7 28.9 43.3#
84 132.9 71.8 107.6#

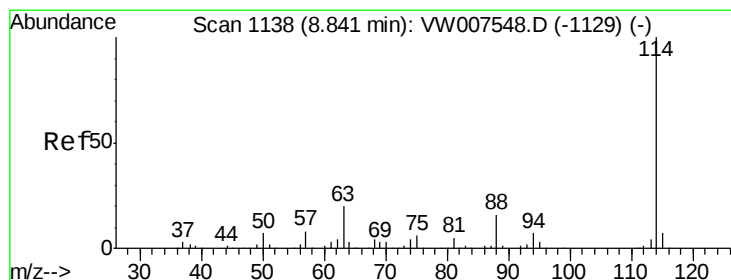
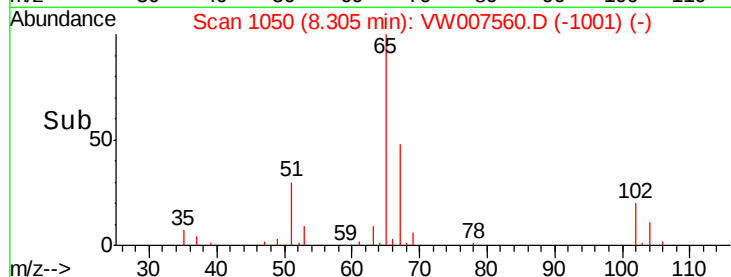
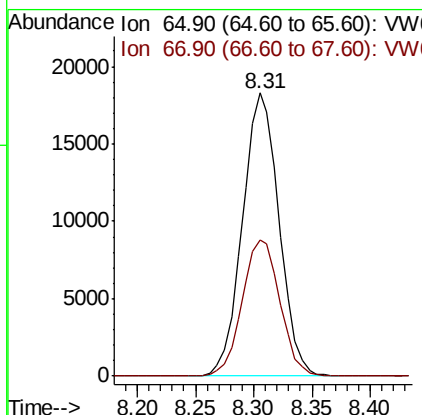
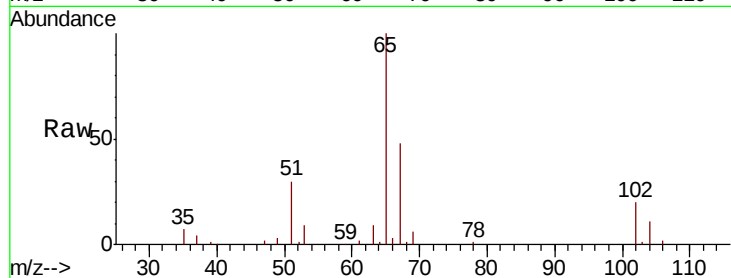




#33
 1,2-Dichloroethane-d4
 Concen: 58.809 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW007560.D
 Acq: 15 Dec 2018 04:05

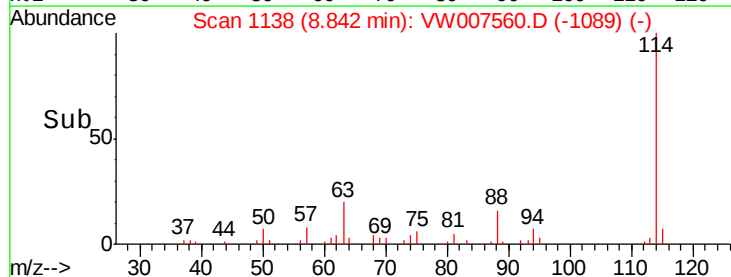
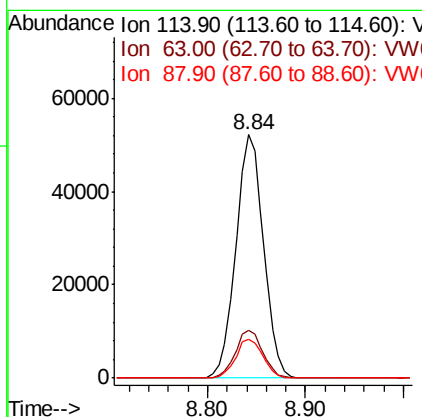
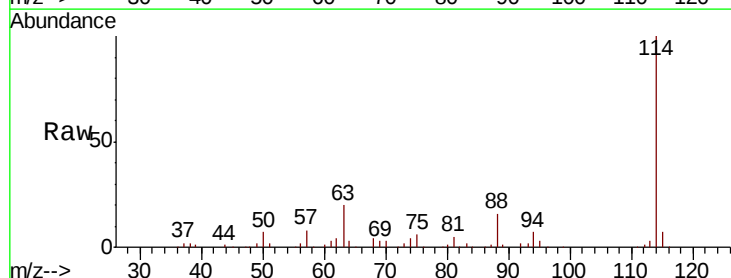
Instrument :
 BNA_G
 ClientSampleId :
 P001-SS018-1824-01

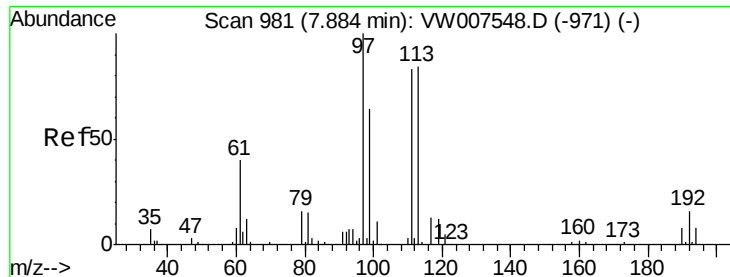
Tgt Ion: 65 Resp: 40071
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007560.D
 Acq: 15 Dec 2018 04:05

Tgt Ion: 114 Resp: 102331
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.6
 88 15.9 0.0 31.4

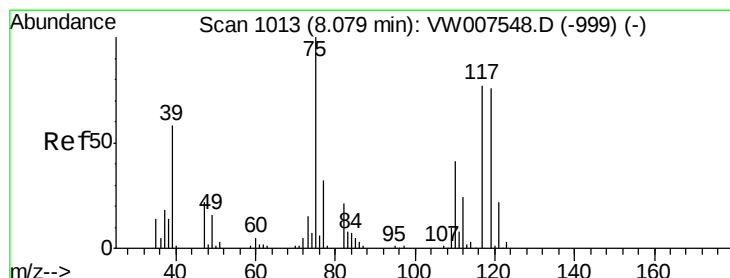
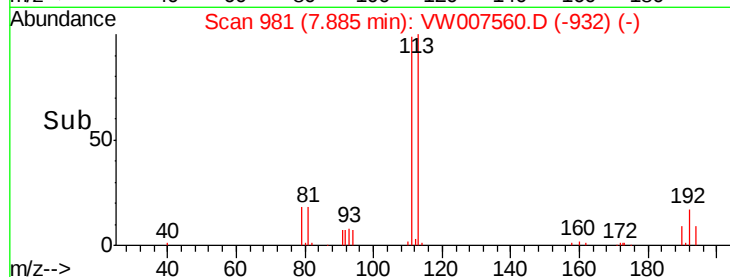
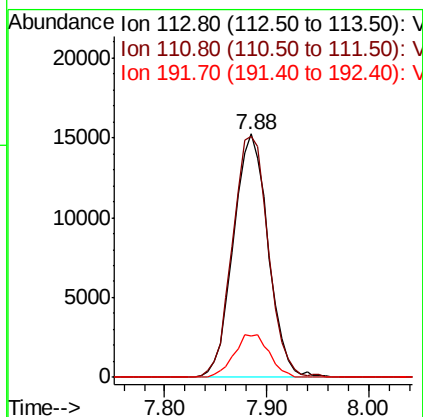
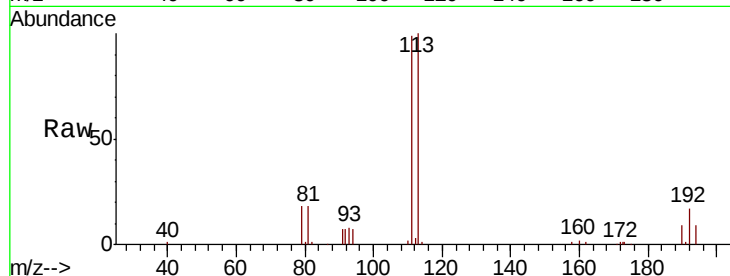




#35
 Dibromofluoromethane
 Concen: 57.995 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007560.D
 Acq: 15 Dec 2018 04:05

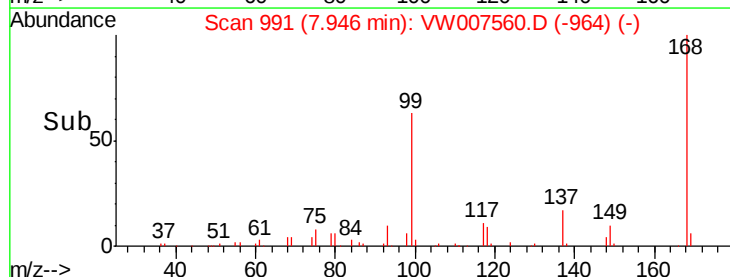
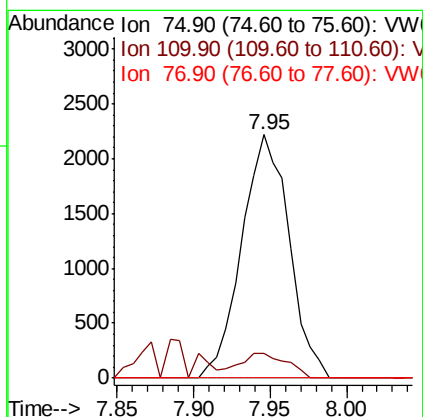
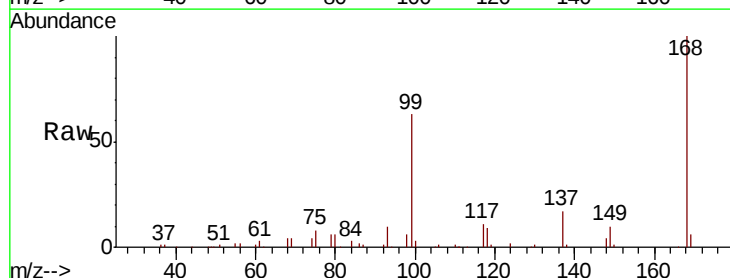
Instrument :
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 P001-SS018-1824-01

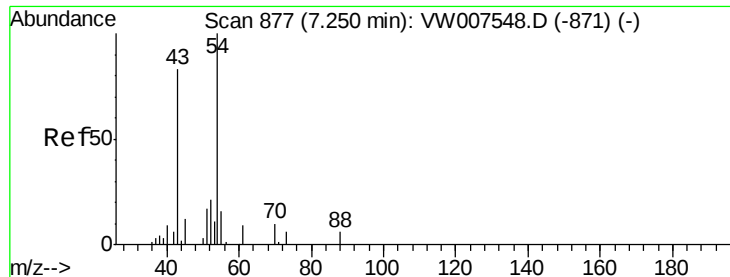
Tgt Ion: 113 Resp: 35925
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.1 121.7
 192 17.7 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 5.121 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007560.D
 Acq: 15 Dec 2018 04:05

Tgt Ion: 75 Resp: 4780
 Ion Ratio Lower Upper
 75 100
 110 9.6 18.5 55.5#
 77 0.0 25.6 38.4#





#37

Ethyl Acetate

Concen: 1.737 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.07 min

Lab File: VW007560.D

Acq: 15 Dec 2018 04:05

Instrument :

BNA_G

ClientSampleId :

P001-SS018-1824-01

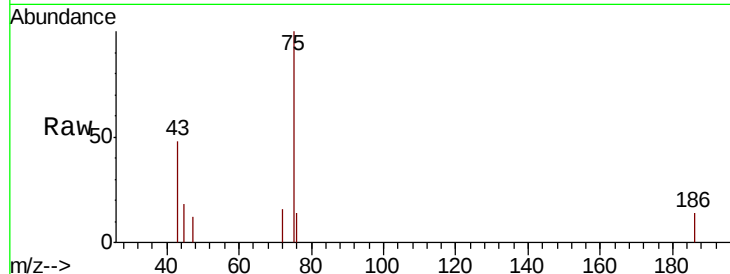
Tgt Ion: 43 Resp: 603

Ion Ratio Lower Upper

43 100

61 0.0 12.1 18.1#

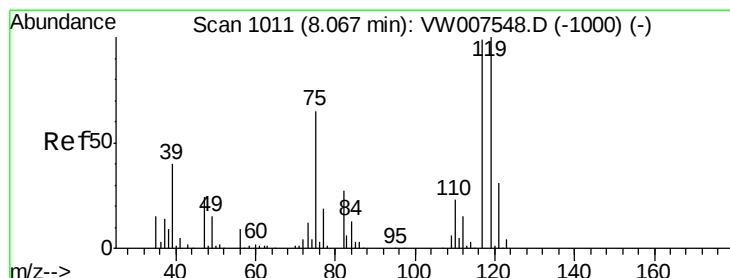
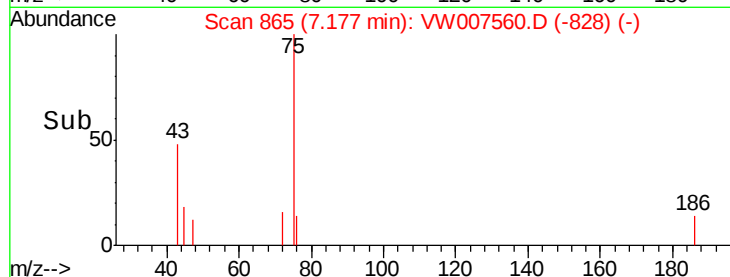
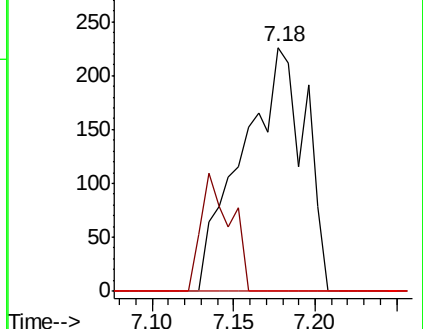
70 0.0 10.0 15.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 6.697 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW007560.D

Acq: 15 Dec 2018 04:05

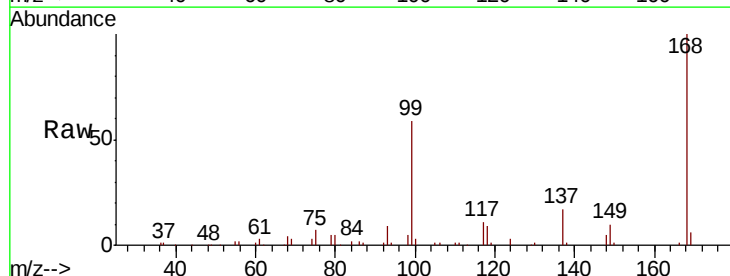
Tgt Ion: 117 Resp: 6802

Ion Ratio Lower Upper

117 100

119 5.0 74.3 111.5#

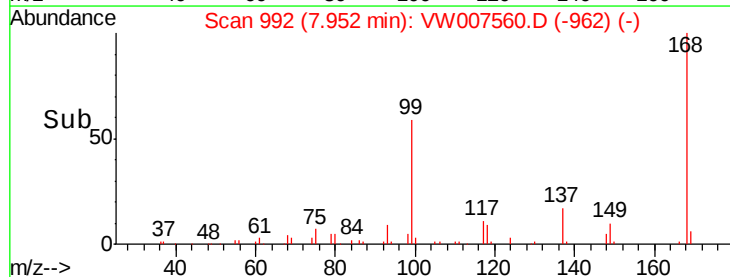
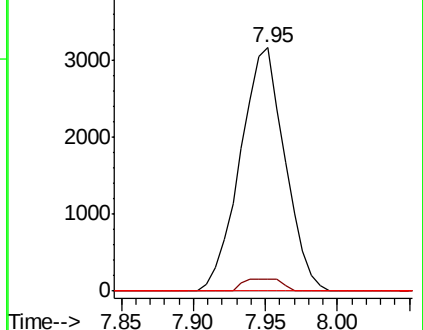
121 0.0 24.3 36.5#

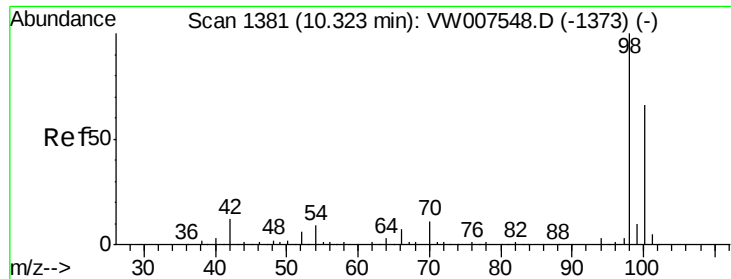


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 46.578 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW007560.D

Acq: 15 Dec 2018 04:05

Instrument :

BNA_G

ClientSampleId :

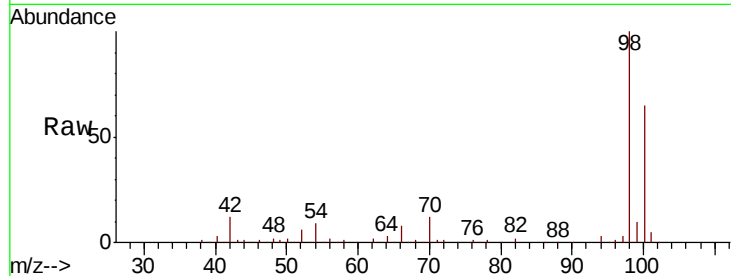
P001-SS018-1824-01

Tgt Ion: 98 Resp: 108181

Ion Ratio Lower Upper

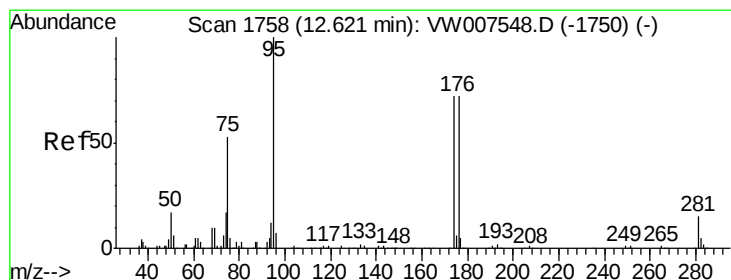
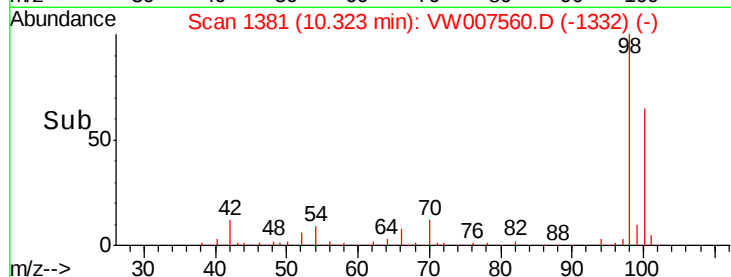
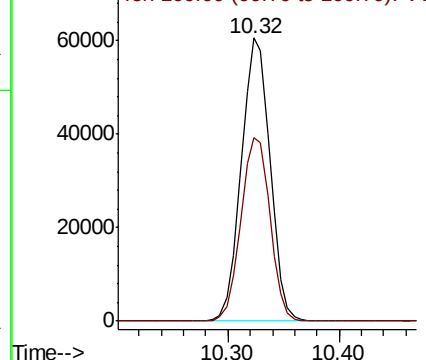
98 100

100 65.5 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: 29.866 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007560.D

Acq: 15 Dec 2018 04:05

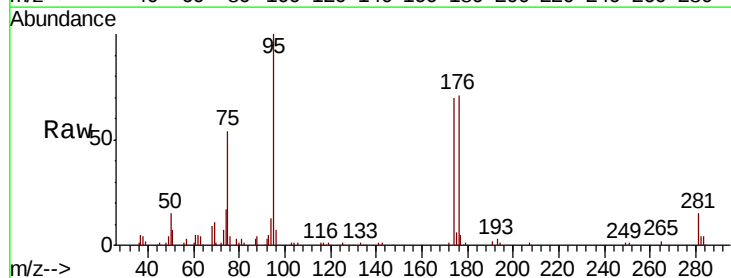
Tgt Ion: 95 Resp: 25504

Ion Ratio Lower Upper

95 100

174 73.3 0.0 147.2

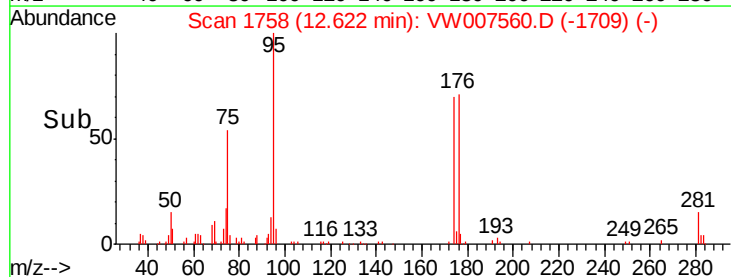
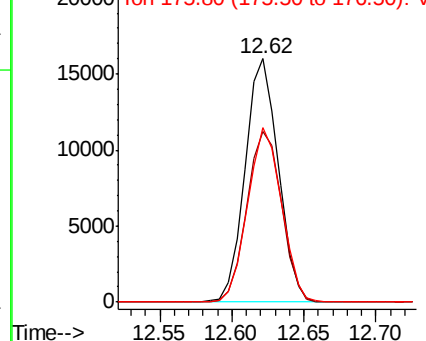
176 73.1 0.0 138.8

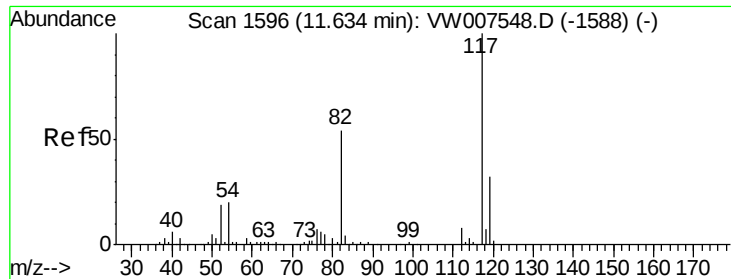


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW007560.D

Acq: 15 Dec 2018 04:05

Instrument :

BNA_G

ClientSampleId :

P001-SS018-1824-01

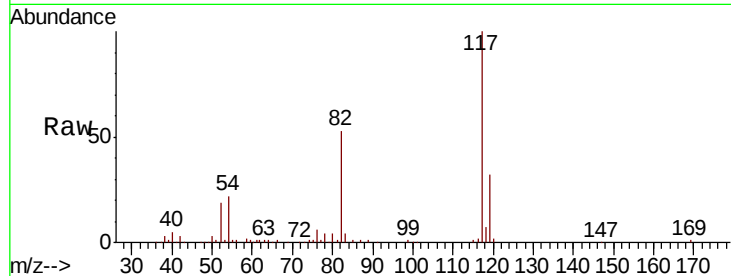
Tgt Ion:117 Resp: 68392

Ion Ratio Lower Upper

117 100

82 53.5 42.3 63.5

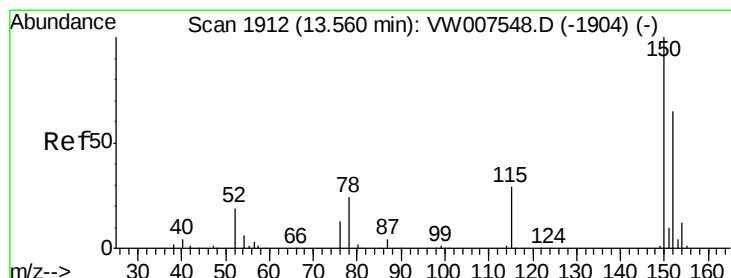
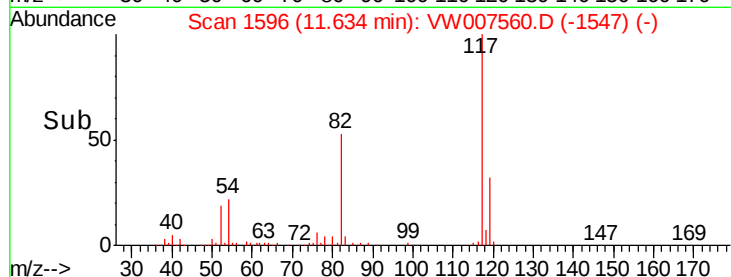
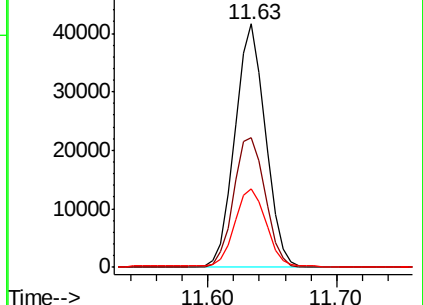
119 31.9 23.0 34.6



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: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW007560.D

Acq: 15 Dec 2018 04:05

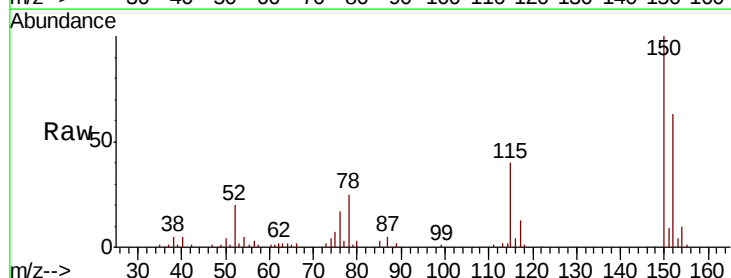
Tgt Ion:152 Resp: 17938

Ion Ratio Lower Upper

152 100

115 61.0 31.4 94.2

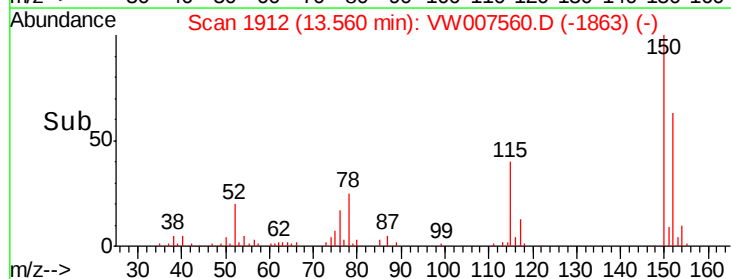
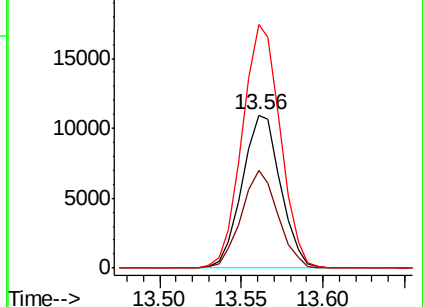
150 157.3 0.0 358.4

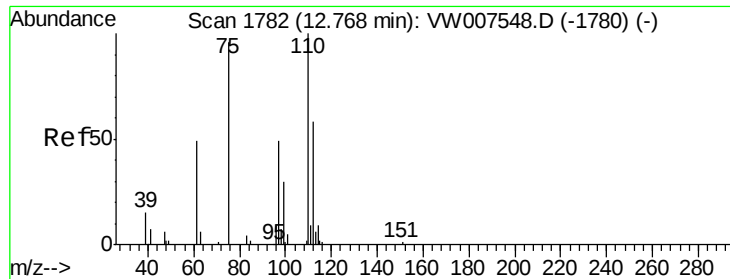


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 89.984 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007560.D

Acq: 15 Dec 2018 04:05

Instrument :

BNA_G

ClientSampleId :

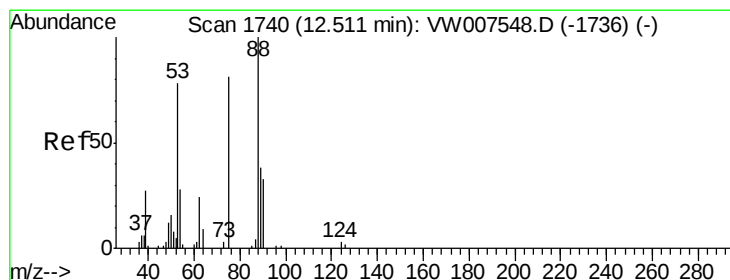
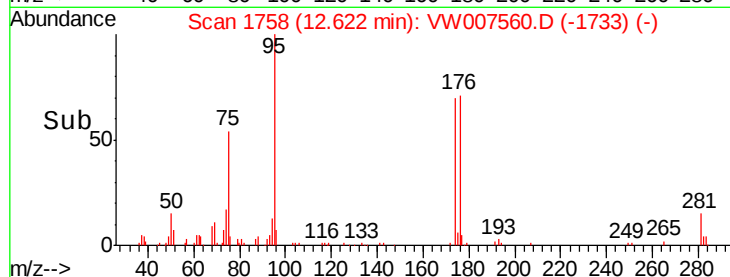
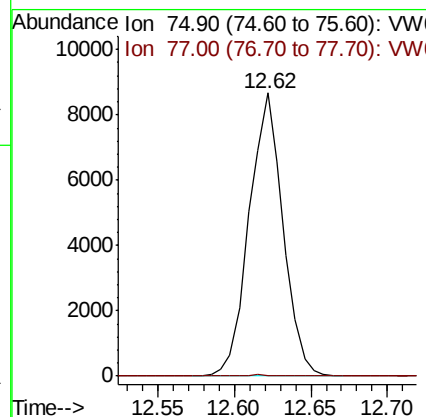
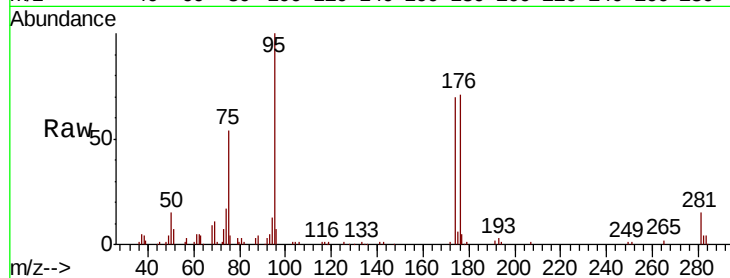
P001-SS018-1824-01

Tgt Ion: 75 Resp: 13309

Ion Ratio Lower Upper

75 100

77 0.2 166.9 500.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 198.776 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007560.D

Acq: 15 Dec 2018 04:05

Tgt Ion: 75 Resp: 13309

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#

