

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122018\
 Data File : VW007661.D
 Acq On : 18 Dec 2018 16:26
 Operator : SY/AP
 Sample : J6379-07
 Misc : 5.22G/5ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS004-0612-01

Quant Time: Dec 19 04:55:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

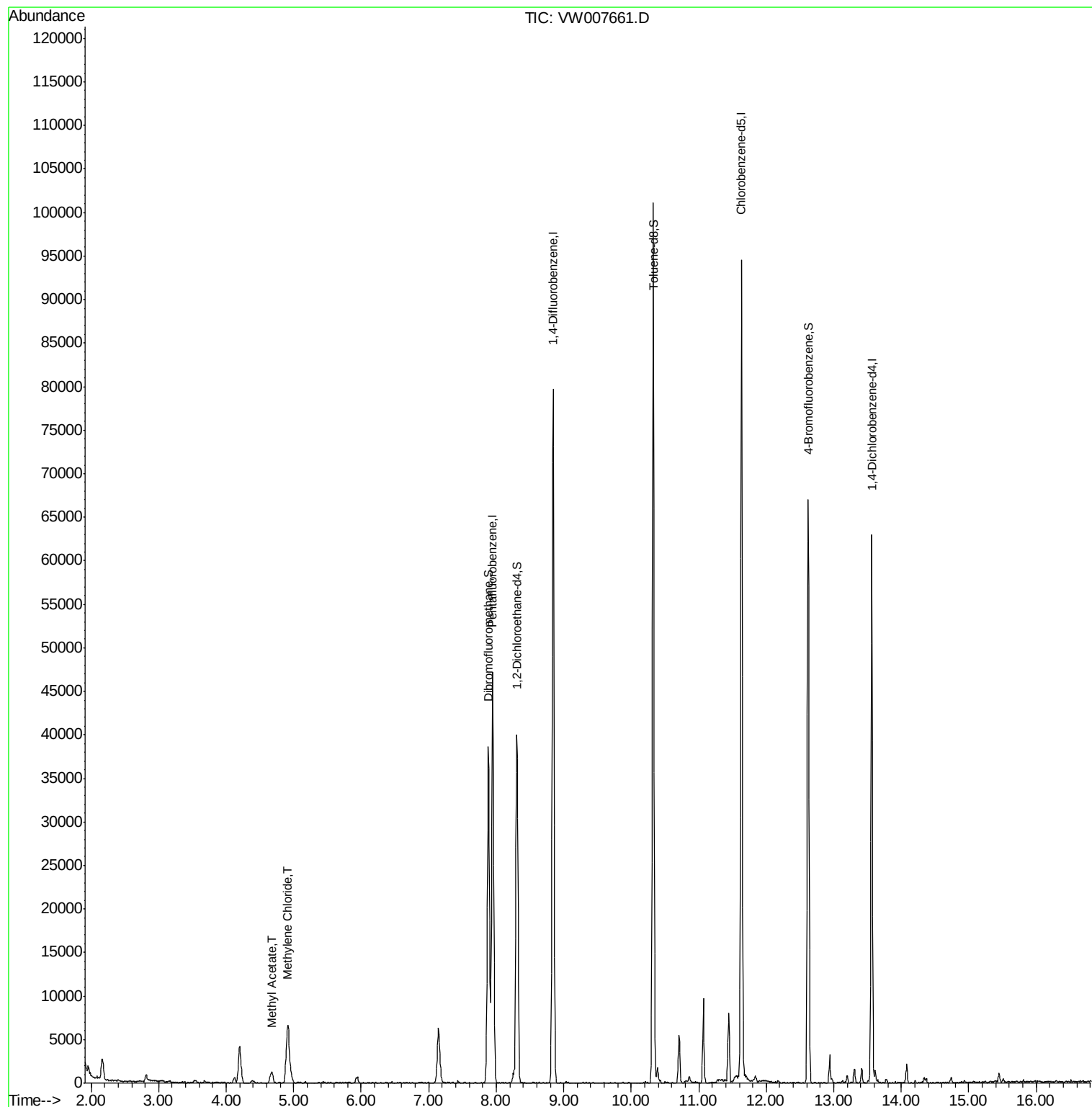
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	33511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	67651	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	53566	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	16840	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	33767	90.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	181.66%	
35) Dibromofluoromethane	7.88	113	27872	68.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	136.12%	
50) Toluene-d8	10.32	98	68366	44.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.04%	
62) 4-Bromofluorobenzene	12.62	95	22011	38.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.98%	
Target Compounds						
18) Methyl Acetate	4.67	43	2574	14.604	ug/l	93
20) Methylene Chloride	4.91	84	6025	14.158	ug/l	97

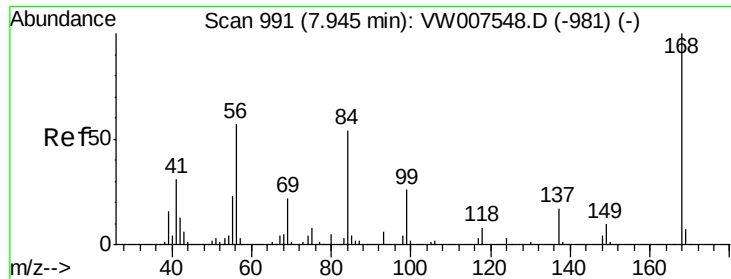
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007661.D

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Instrument :

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ClientSampleId :

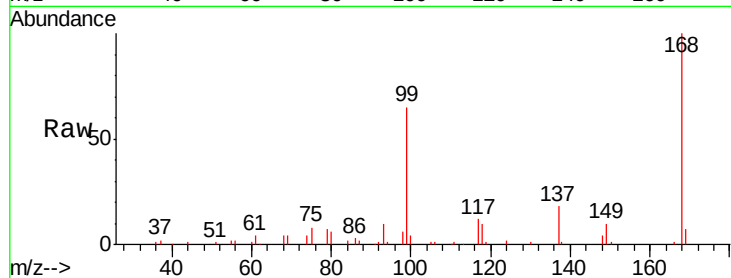
P001-SS004-0612-01

Tgt Ion: 168 Resp: 33511

Ion Ratio Lower Upper

168 100

99 65.1 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

15000

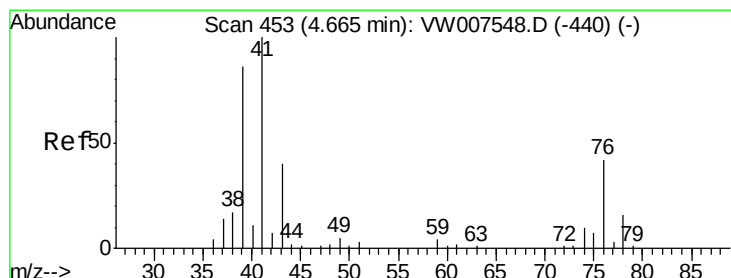
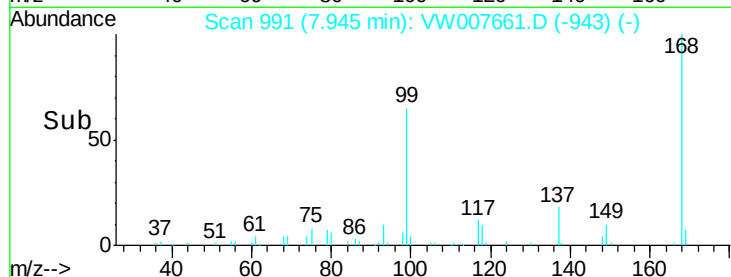
10000

5000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#18

Methyl Acetate

Concen: 14.604 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW007661.D

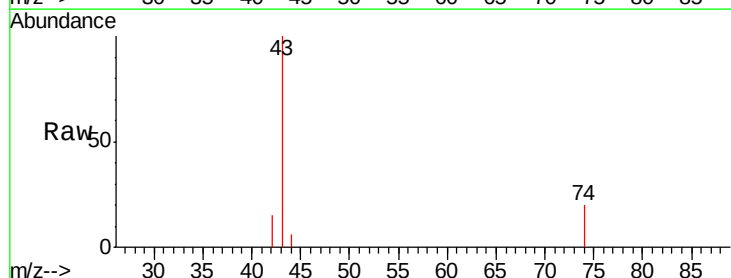
Acq: 18 Dec 2018 16:26

Tgt Ion: 43 Resp: 2574

Ion Ratio Lower Upper

43 100

74 23.0 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

1000

800

600

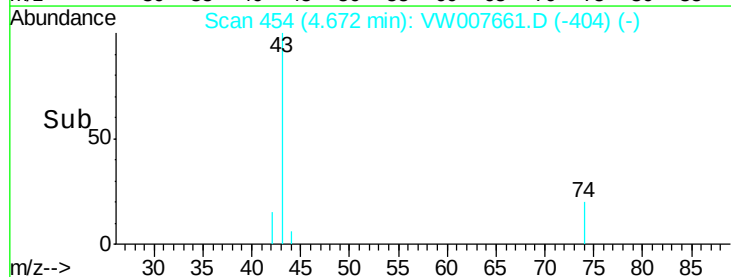
400

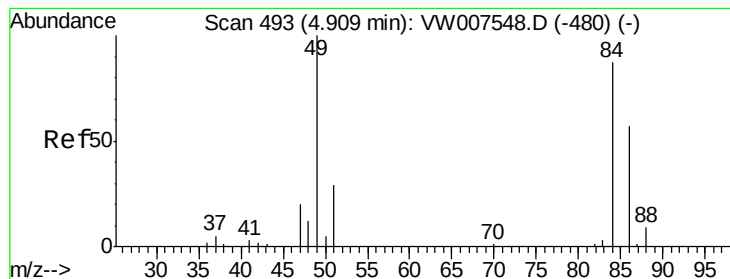
200

0

Time-->

4.60 4.65 4.70 4.75





#20

Methylene Chloride

Concen: 14.158 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.01 min

Lab File: VW007661.D

Acq: 18 Dec 2018 16:26

Instrument :

MSVOA_W

ClientSampleId :

P001-SS004-0612-01

Tgt Ion: 84 Resp: 6025

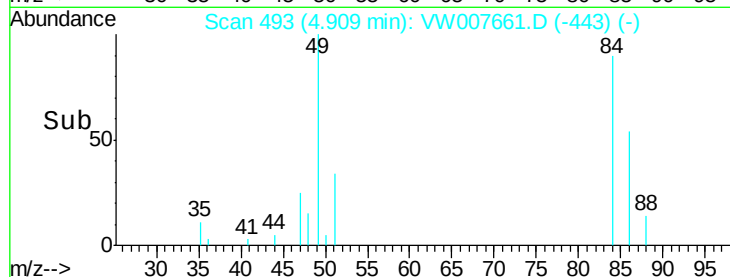
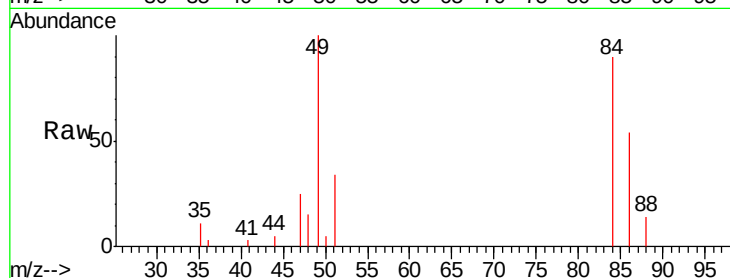
Ion Ratio Lower Upper

84 100

49 111.0 87.1 130.7

51 37.2 28.2 42.2

86 60.3 50.8 76.2

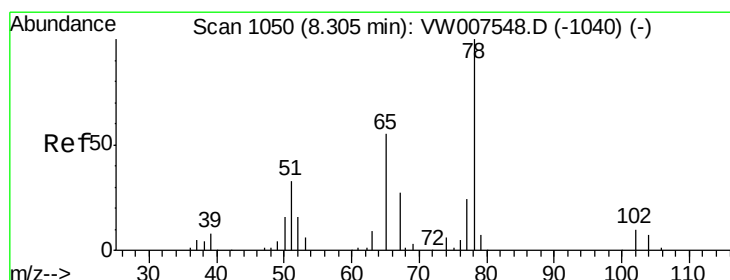
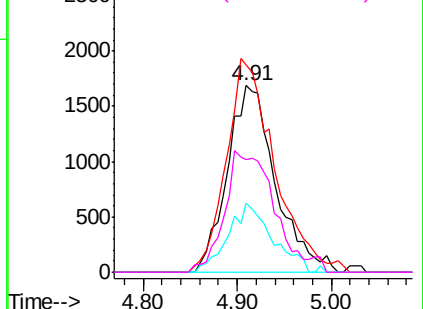


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#33

1,2-Dichloroethane-d4

Concen: 90.826 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW007661.D

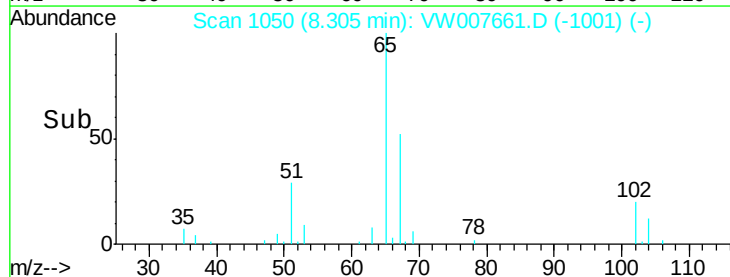
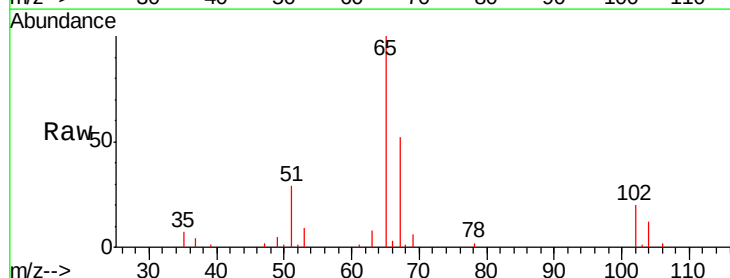
Acq: 18 Dec 2018 16:26

Tgt Ion: 65 Resp: 33767

Ion Ratio Lower Upper

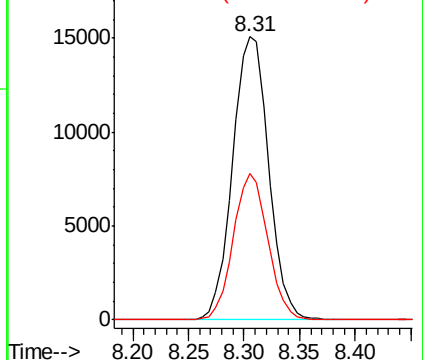
65 100

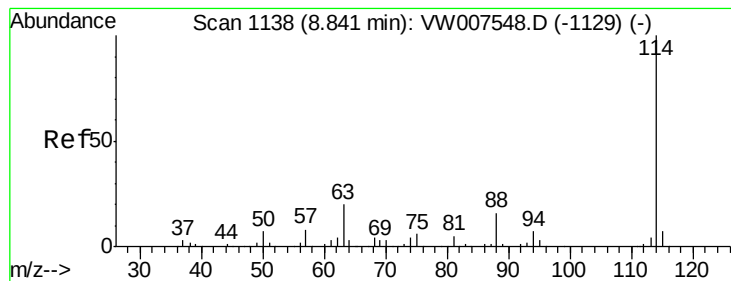
67 49.6 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW007661.D

Acq: 18 Dec 2018 16:26

Instrument :

MSVOA_W

ClientSampleId :

P001-SS004-0612-01

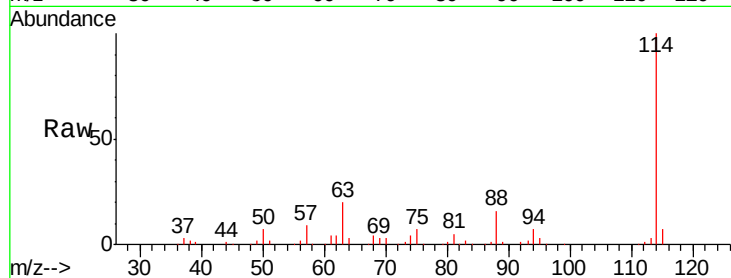
Tgt Ion:114 Resp: 67651

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.6

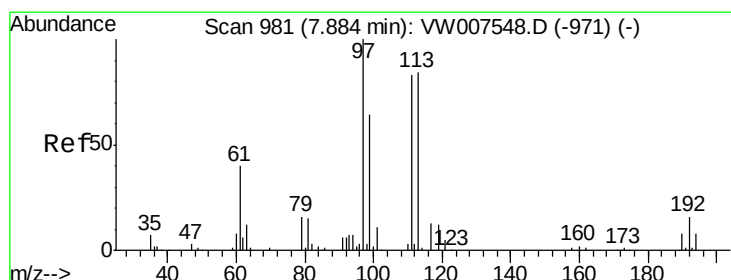
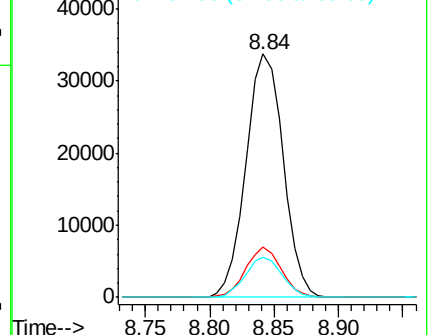
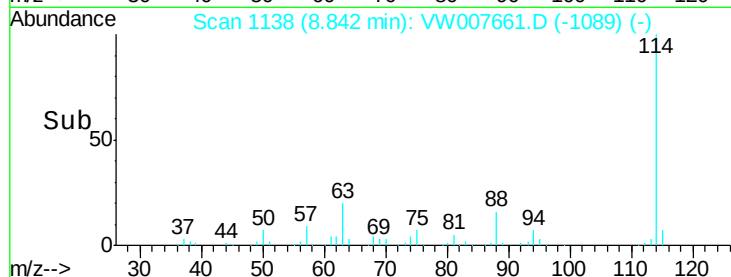
88 16.4 0.0 31.4



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: 68.060 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW007661.D

Acq: 18 Dec 2018 16:26

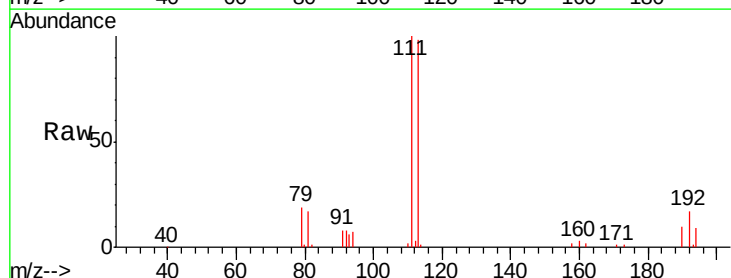
Tgt Ion:113 Resp: 27872

Ion Ratio Lower Upper

113 100

111 101.4 81.1 121.7

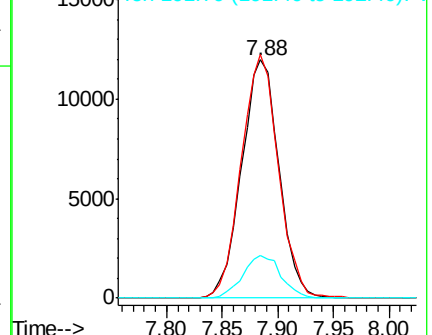
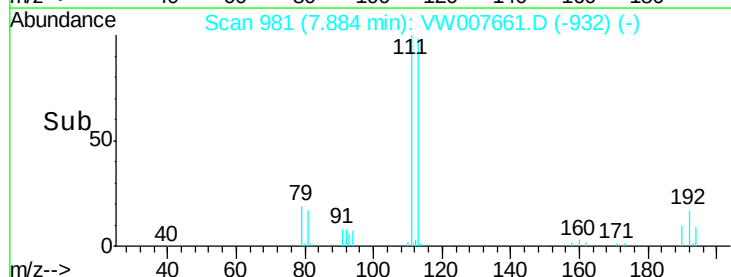
192 18.3 14.6 21.8

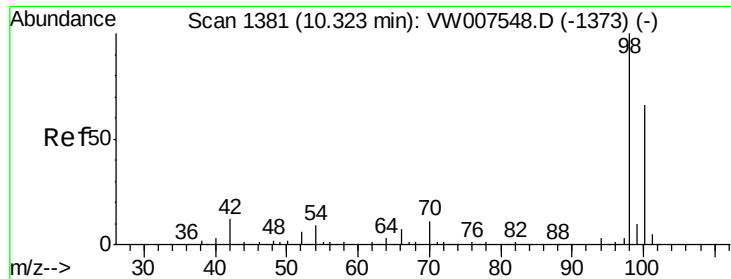


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 44.525 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW007661.D

Acq: 18 Dec 2018 16:26

Instrument :

MSVOA_W

ClientSampleId :

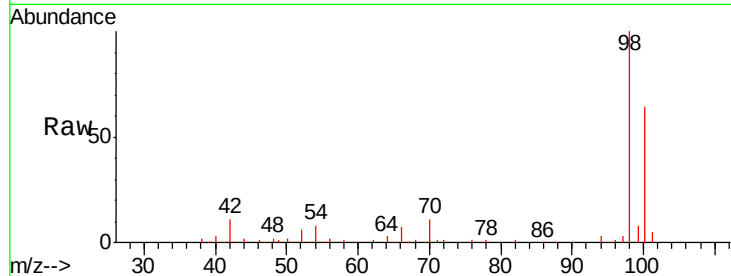
P001-SS004-0612-01

Tgt Ion: 98 Resp: 68366

Ion Ratio Lower Upper

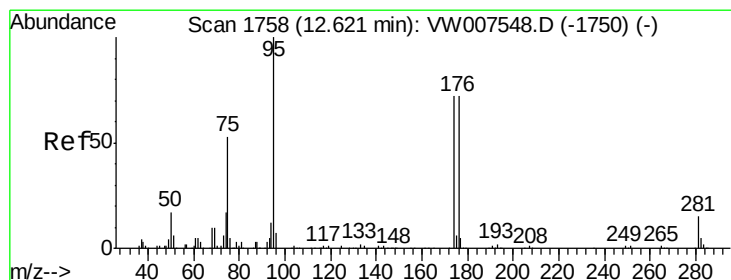
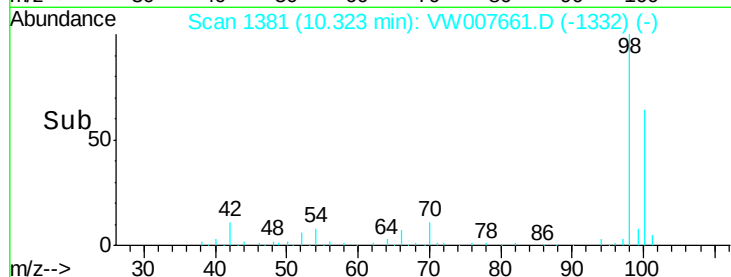
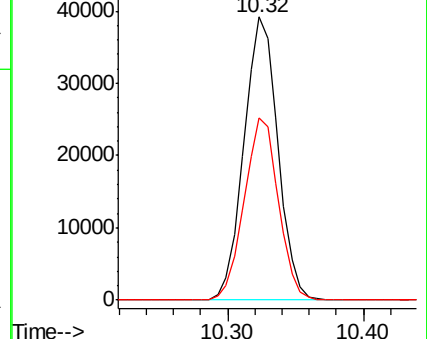
98 100

100 64.8 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: 38.988 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007661.D

Acq: 18 Dec 2018 16:26

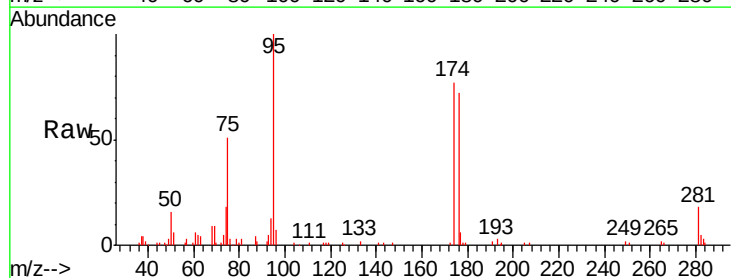
Tgt Ion: 95 Resp: 22011

Ion Ratio Lower Upper

95 100

174 74.6 0.0 147.2

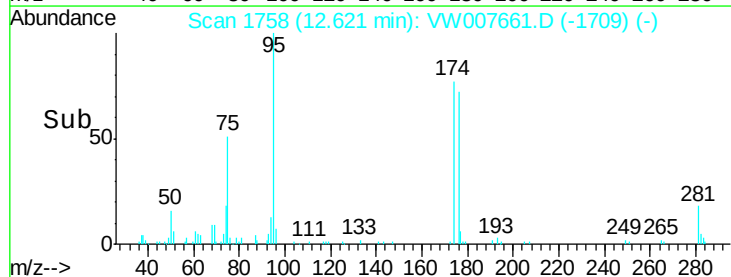
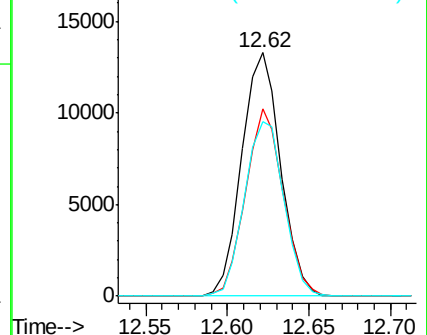
176 72.9 0.0 138.8

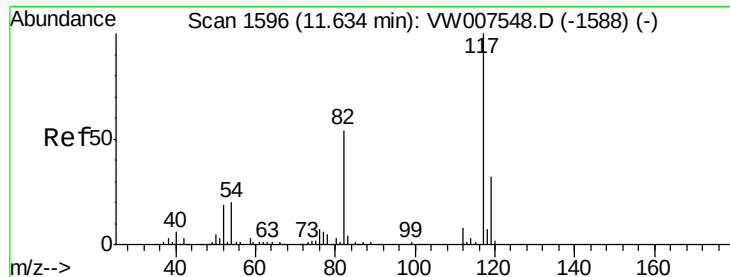


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

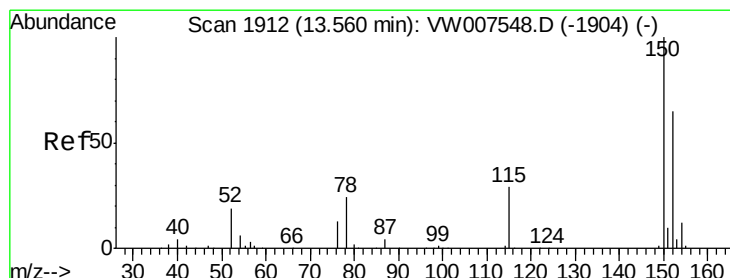
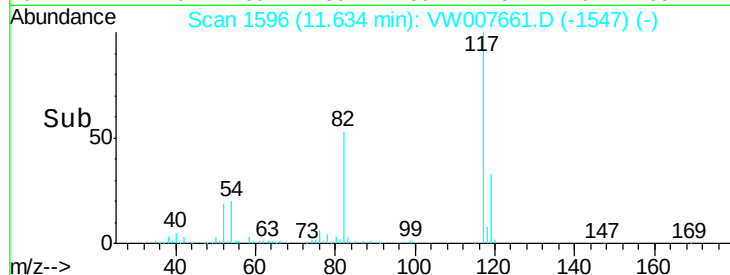
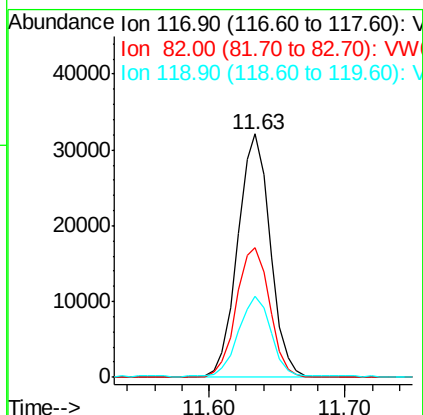
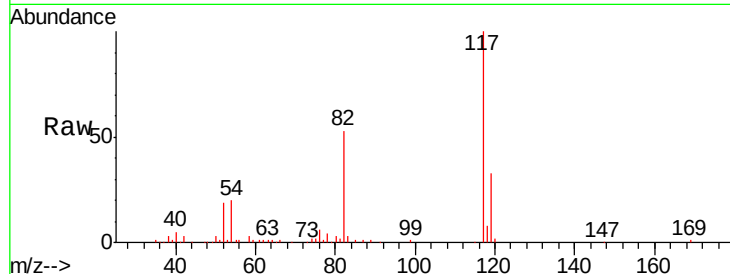




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007661.D
Acq: 18 Dec 2018 16:26

Instrument :
MSVOA_W
ClientSampleId :
P001-SS004-0612-01

Tgt Ion:117 Resp: 53566
Ion Ratio Lower Upper
117 100
82 53.4 42.3 63.5
119 32.7 23.0 34.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007661.D
Acq: 18 Dec 2018 16:26

Tgt Ion:152 Resp: 16840
Ion Ratio Lower Upper
152 100
115 63.7 31.4 94.2
150 154.9 0.0 358.4

