

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007552.D
 Acq On : 15 Dec 2018 00:38
 Operator : SY/AP
 Sample : J6391-11
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-1824-01

Quant Time: Dec 15 04:00:30 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

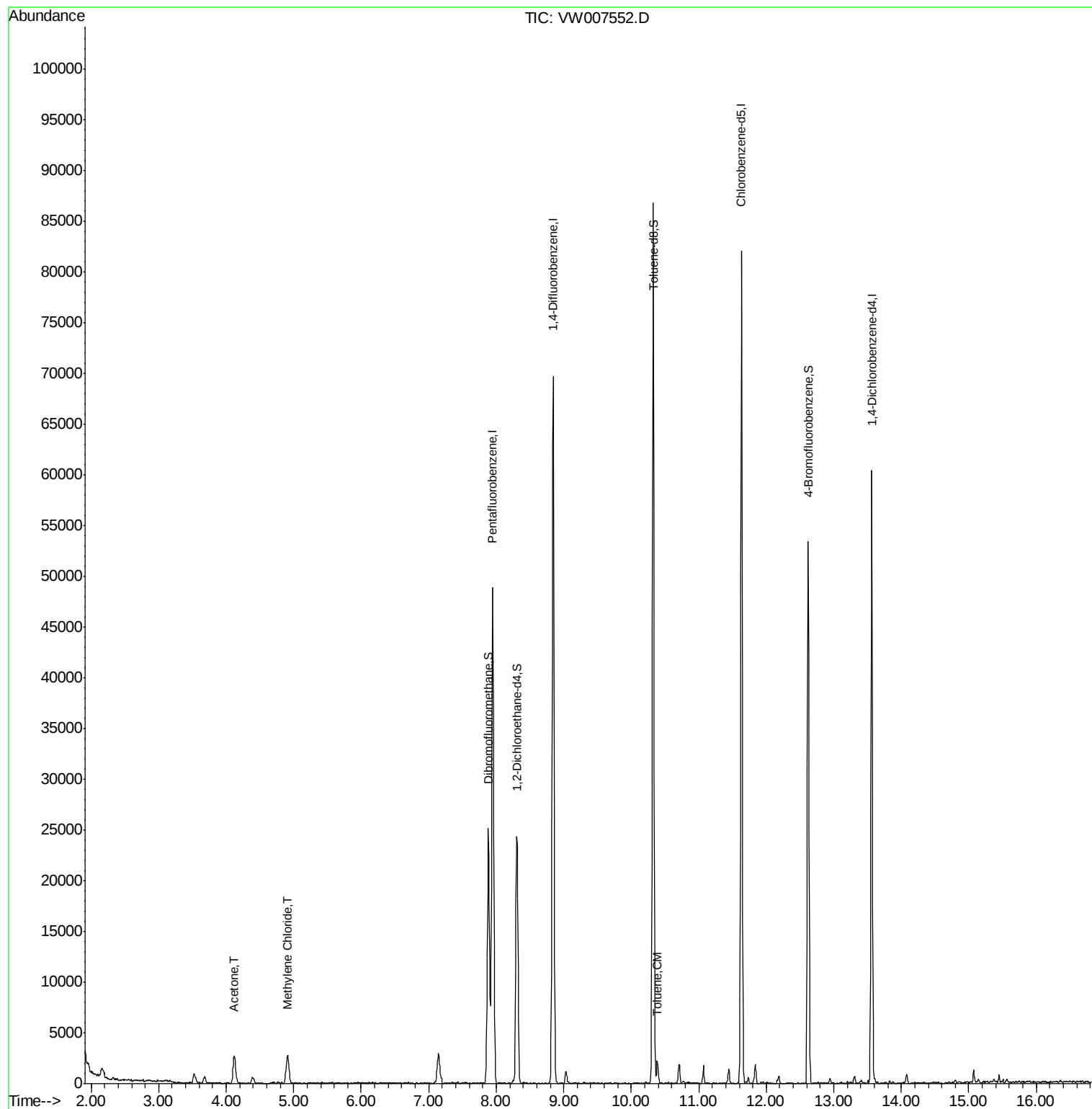
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	35688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	60003	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	45951	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	15772	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	21014	53.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.16%	
35) Dibromofluoromethane	7.88	113	18132	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.84%	
50) Toluene-d8	10.32	98	59355	43.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.16%	
62) 4-Bromofluorobenzene	12.62	95	18053	36.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.10%	
Target Compounds						
16) Acetone	4.12	43	5194	75.104	ug/l	94
20) Methylene Chloride	4.91	84	2133	1.869	ug/l	93
52) Toluene	10.39	92	1142	1.162	ug/l	93

(#) = 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: VW007552.D

Acq: 15 Dec 2018 00:38

Instrument :

MSVOA_W

ClientSampleId :

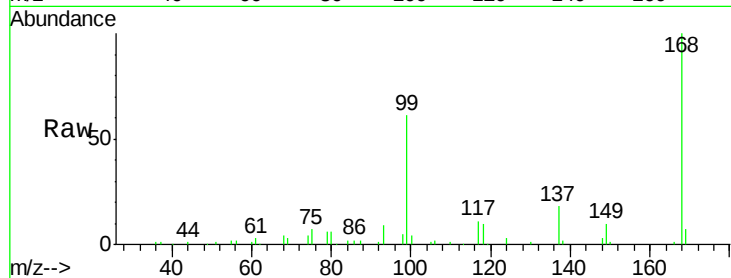
P001-SS016-1824-01

Tgt Ion: 168 Resp: 35688

Ion Ratio Lower Upper

168 100

99 60.6 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

15000

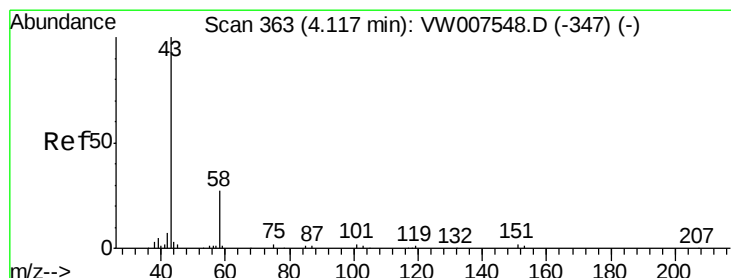
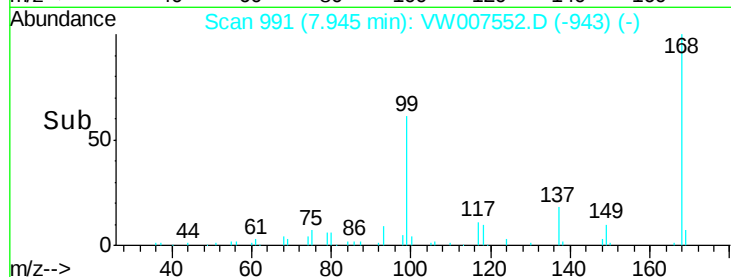
10000

5000

0

Time-->

7.85 7.90 7.95 8.00



#16

Acetone

Concen: 75.104 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007552.D

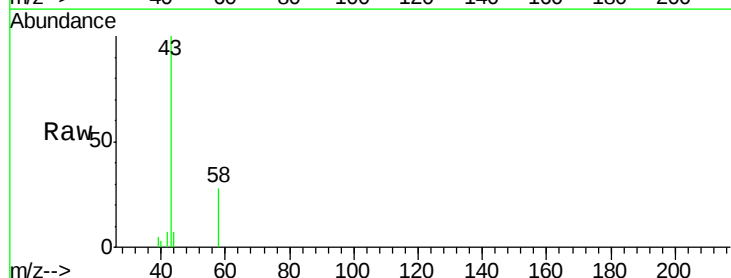
Acq: 15 Dec 2018 00:38

Tgt Ion: 43 Resp: 5194

Ion Ratio Lower Upper

43 100

58 27.6 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

2000

1500

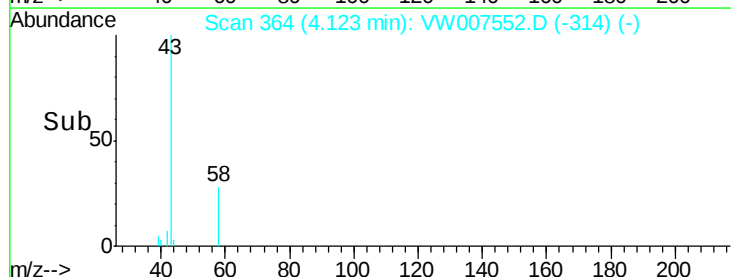
1000

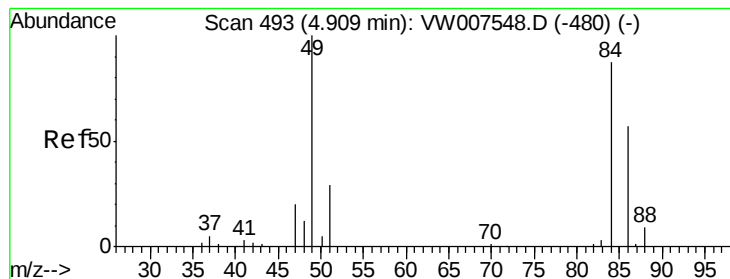
500

0

Time-->

4.05 4.10 4.15 4.20 4.25





#20

Methylene Chloride

Concen: 1.869 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.01 min

Lab File: VW007552.D

Acq: 15 Dec 2018 00:38

Instrument :

MSVOA_W

ClientSampleId :

P001-SS016-1824-01

Tgt Ion: 84 Resp: 2133

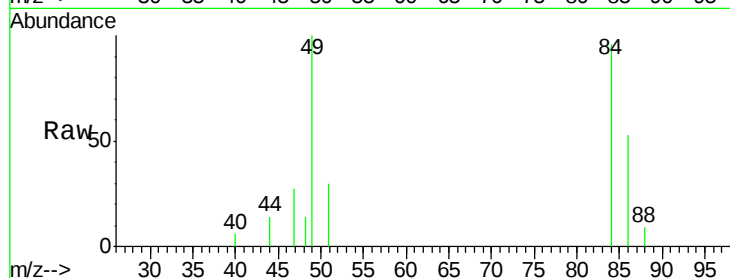
Ion Ratio Lower Upper

84 100

49 103.7 87.1 130.7

51 31.0 28.2 42.2

86 54.9 50.8 76.2

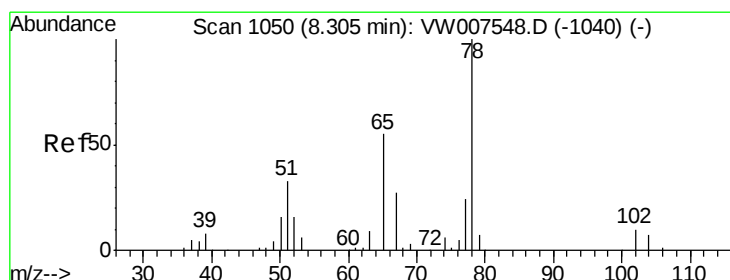
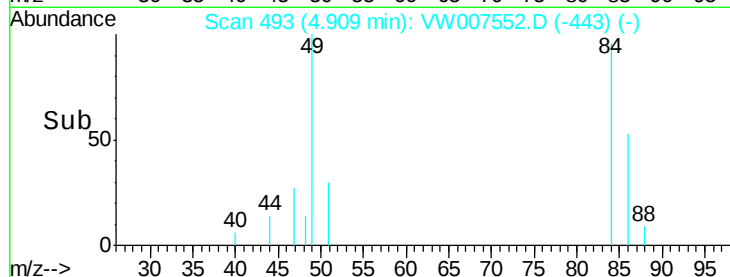
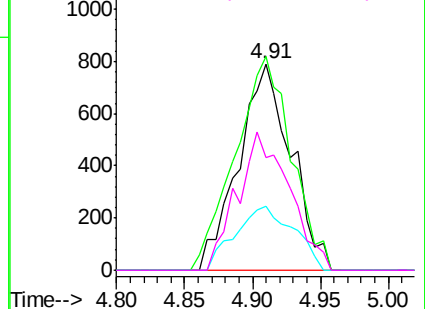


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 53.075 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW007552.D

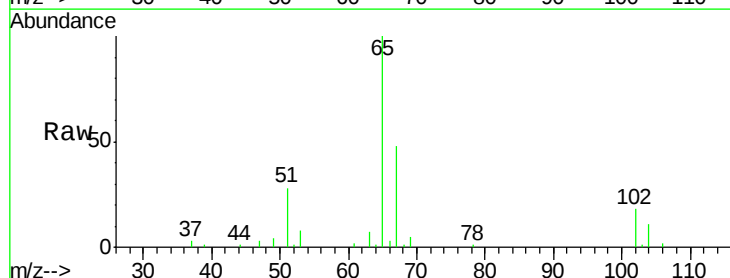
Acq: 15 Dec 2018 00:38

Tgt Ion: 65 Resp: 21014

Ion Ratio Lower Upper

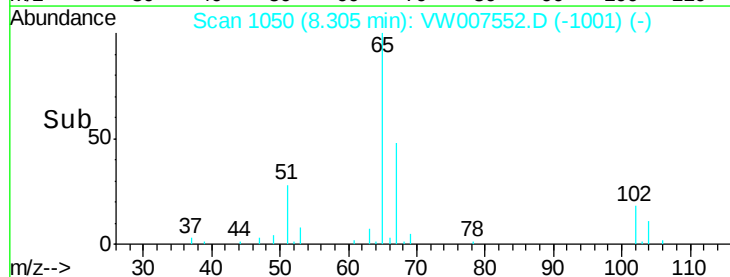
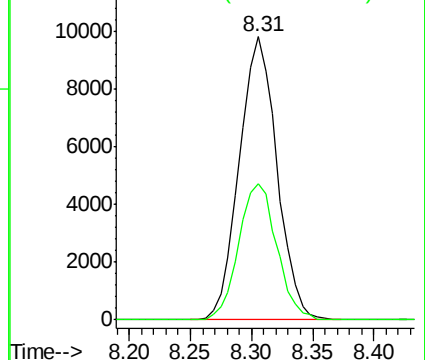
65 100

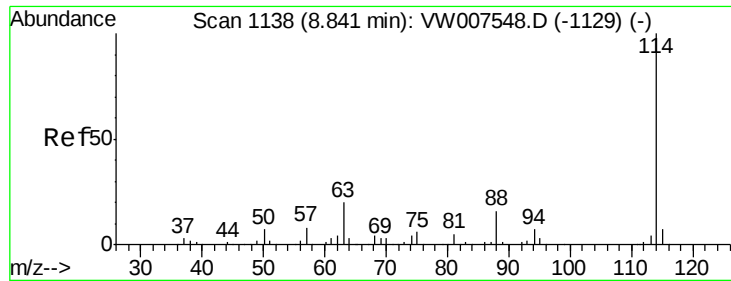
67 48.3 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

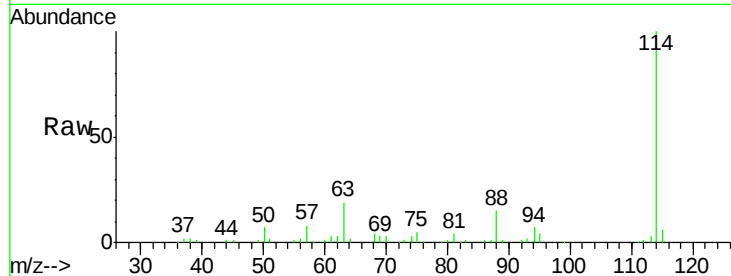




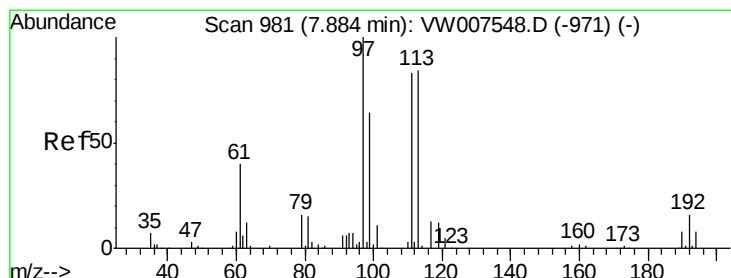
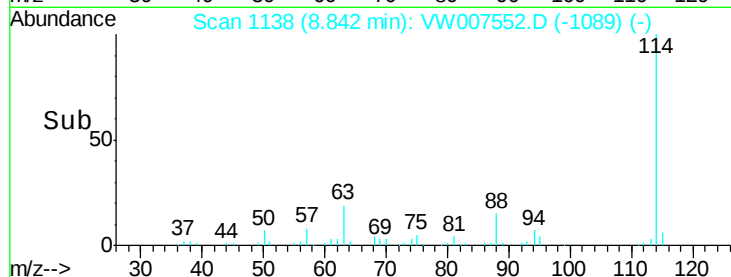
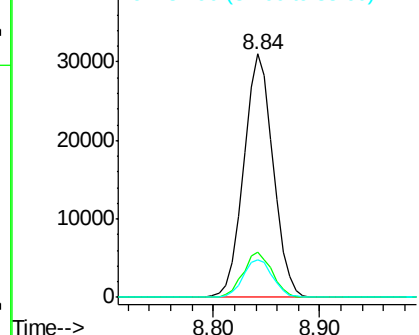
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW007552.D
Acq: 15 Dec 2018 00:38

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-1824-01

Tgt Ion:114 Resp: 60003
Ion Ratio Lower Upper
114 100
63 18.6 0.0 39.6
88 15.4 0.0 31.4

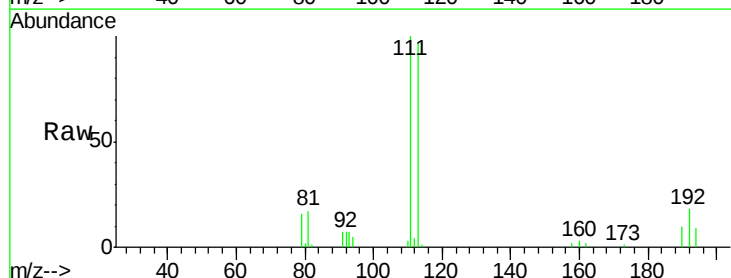


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

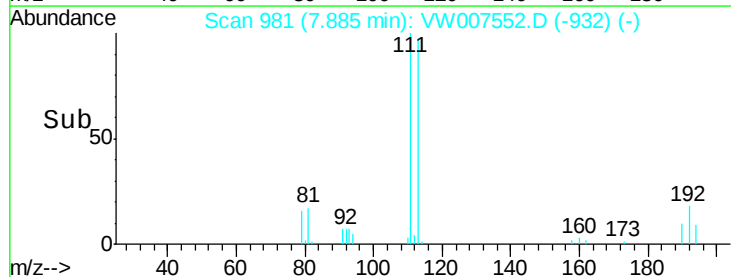
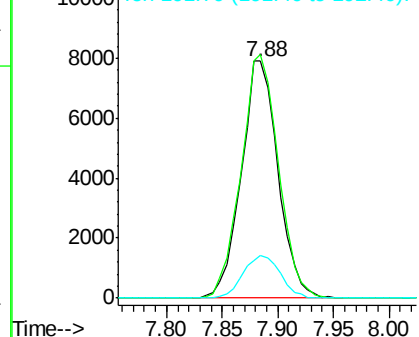


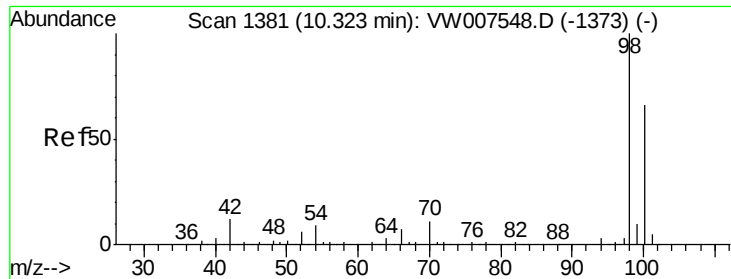
#35
Dibromofluoromethane
Concen: 49.920 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW007552.D
Acq: 15 Dec 2018 00:38

Tgt Ion:113 Resp: 18132
Ion Ratio Lower Upper
113 100
111 104.1 81.1 121.7
192 18.1 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: 43.583 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW007552.D

Acq: 15 Dec 2018 00:38

Instrument :

MSVOA_W

ClientSampleId :

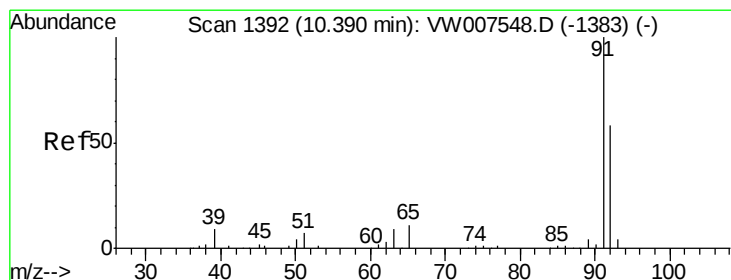
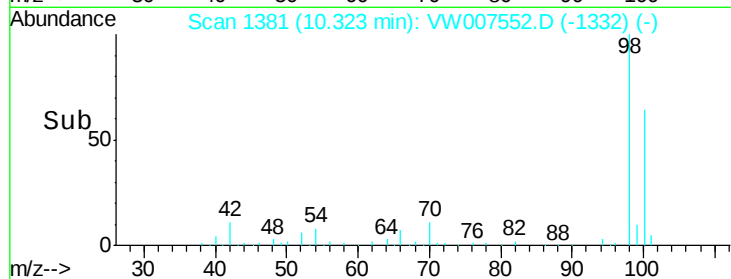
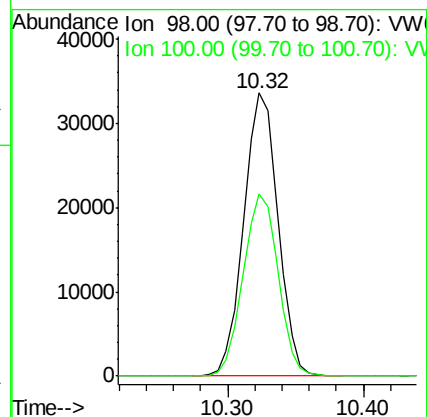
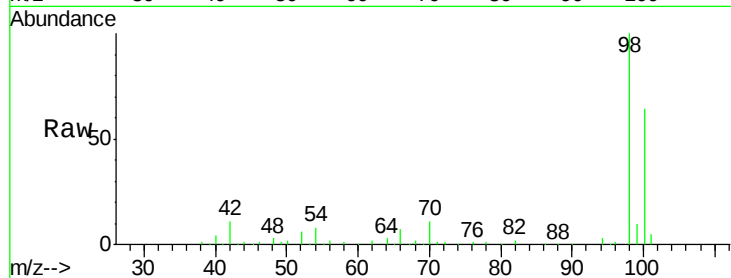
P001-SS016-1824-01

Tgt Ion: 98 Resp: 59355

Ion Ratio Lower Upper

98 100

100 65.4 51.8 77.8



#52

Toluene

Concen: 1.162 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007552.D

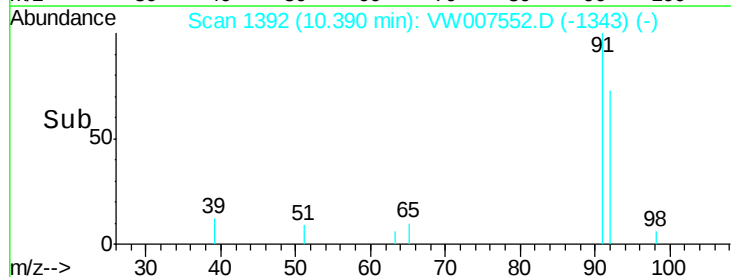
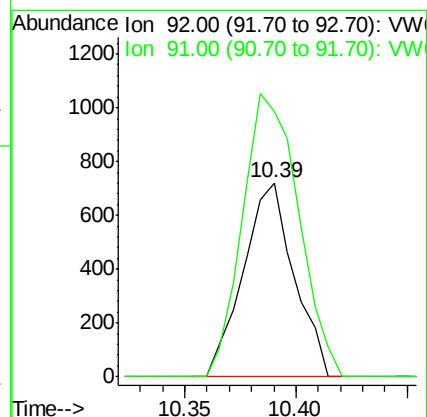
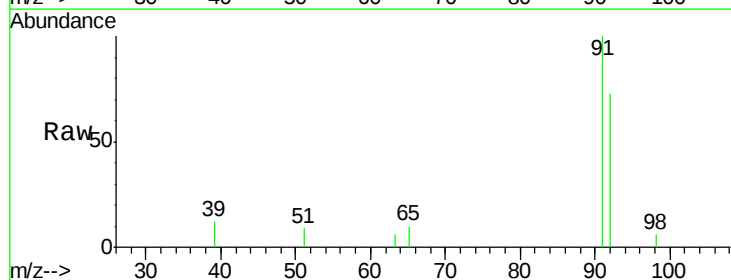
Acq: 15 Dec 2018 00:38

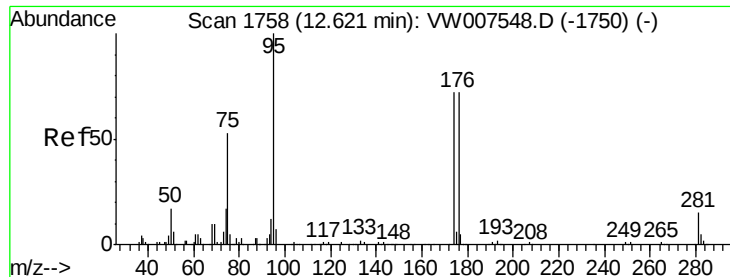
Tgt Ion: 92 Resp: 1142

Ion Ratio Lower Upper

92 100

91 161.1 136.2 204.2





#62

4-Bromofluorobenzene

Concen: 36.053 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007552.D

Acq: 15 Dec 2018 00:38

Instrument :

MSVOA_W

ClientSampleId :

P001-SS016-1824-01

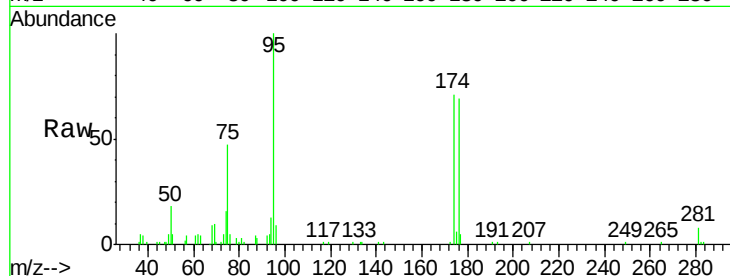
Tgt Ion: 95 Resp: 18053

Ion Ratio Lower Upper

95 100

174 73.0 0.0 147.2

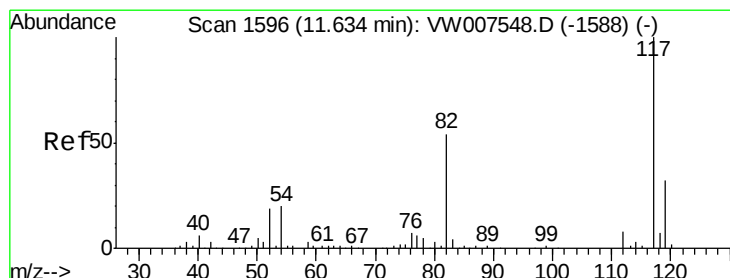
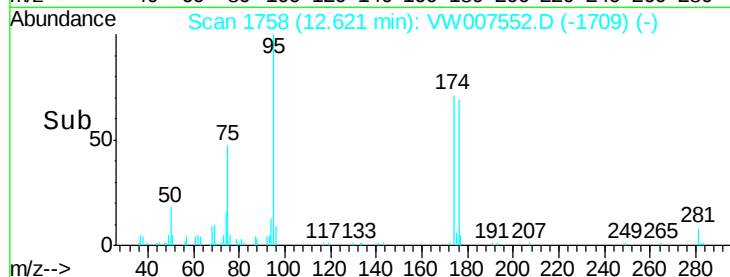
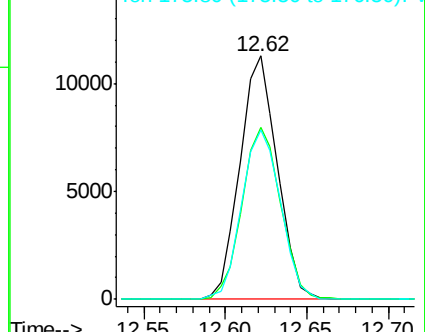
176 71.7 0.0 138.8



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: VW007552.D

Acq: 15 Dec 2018 00:38

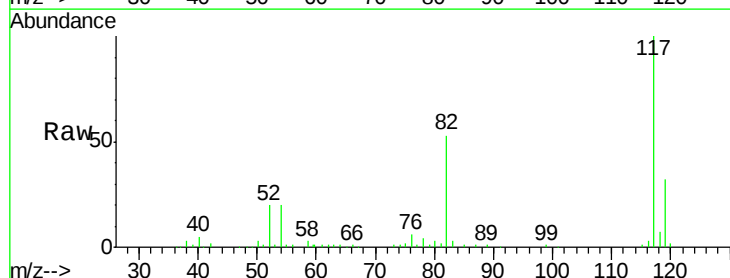
Tgt Ion: 117 Resp: 45951

Ion Ratio Lower Upper

117 100

82 53.0 42.3 63.5

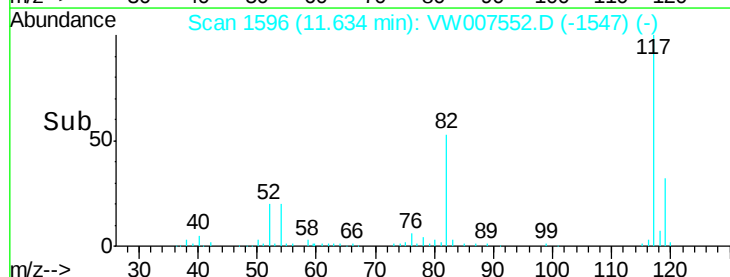
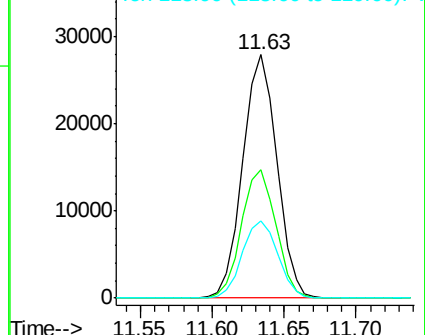
119 31.8 23.0 34.6

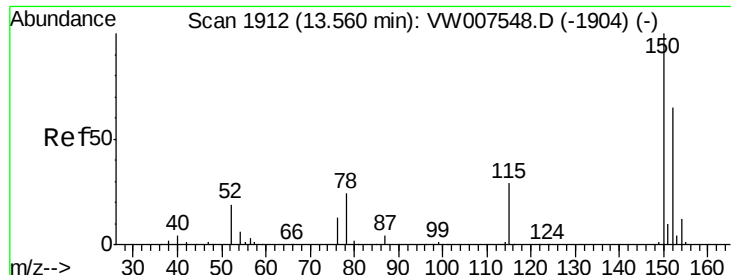


Abundance Ion 116.90 (116.60 to 117.60): VW

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: 13.56 min Scan# 1912
 Delta R.T. 0.00 min
 Lab File: VW007552.D
 Acq: 15 Dec 2018 00:38

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-1824-01

Tgt Ion:152 Resp: 15772
 Ion Ratio Lower Upper
 152 100
 115 63.6 31.4 94.2
 150 156.6 0.0 358.4

