

Data File : VW007653.D
Acq On : 18 Dec 2018 12:59
Operator : SY/AP
Sample : J6391-06
Misc : 4.60G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01

Quant Time: Dec 19 04:36:00 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

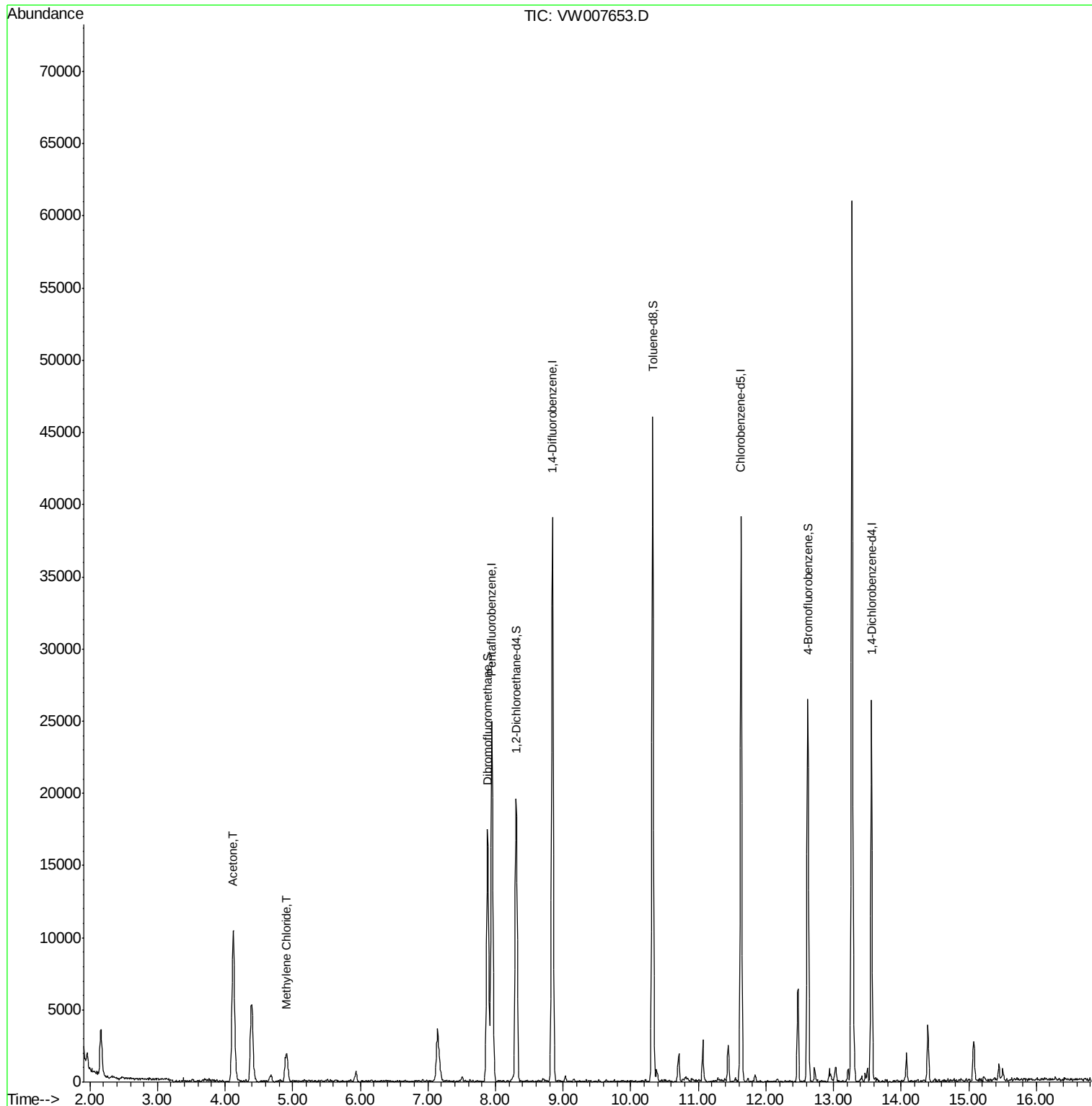
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	18550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	32436	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	22442	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	7097	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	16414	79.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	159.52%	
35) Dibromofluoromethane	7.88	113	12845	65.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	130.84%	
50) Toluene-d8	10.32	98	31745	43.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.24%	
62) 4-Bromofluorobenzene	12.62	95	8553	31.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.20%	
Target Compounds						
16) Acetone	4.12	43	18163	505.276	ug/l	97
20) Methylene Chloride	4.90	84	1624	4.713	ug/l	96

(#) = 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# 992

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

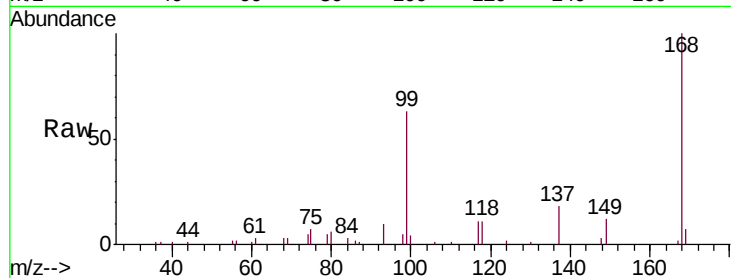
P001-SS016-0006-01

Tgt Ion:168 Resp: 18550

Ion Ratio Lower Upper

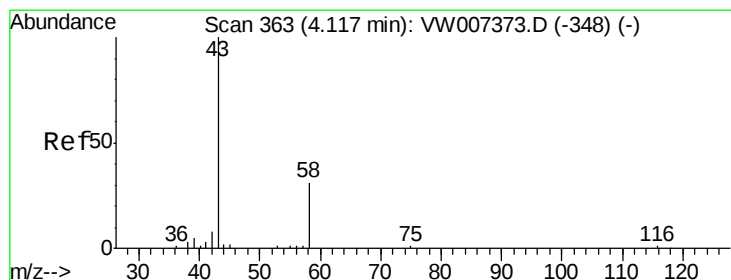
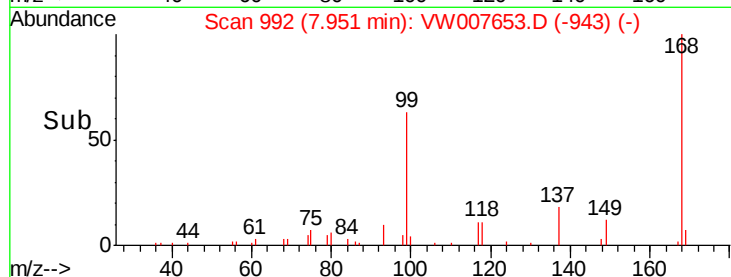
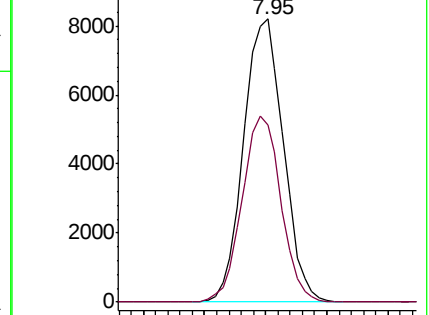
168 100

99 62.7 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 505.276 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007653.D

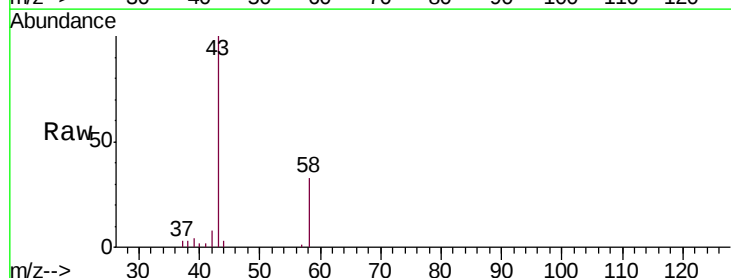
Acq: 18 Dec 2018 12:59

Tgt Ion: 43 Resp: 18163

Ion Ratio Lower Upper

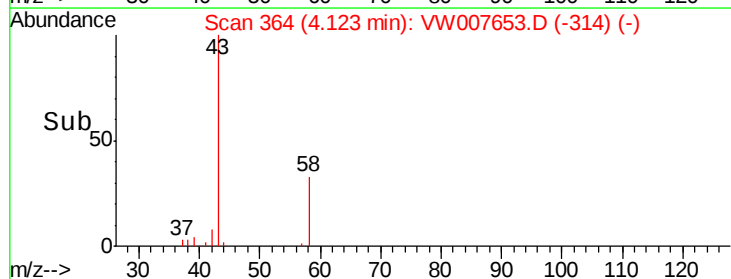
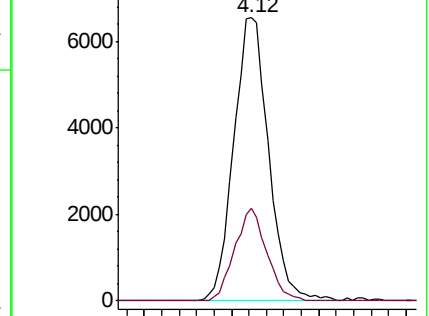
43 100

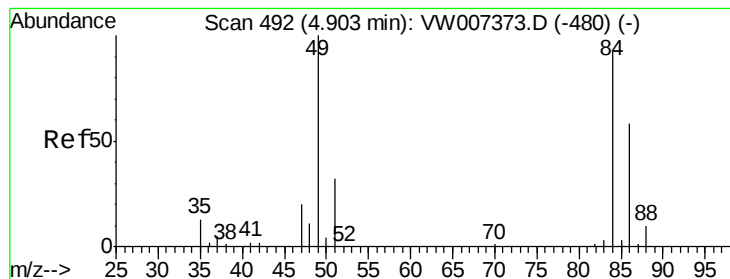
58 33.0 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 4.713 ug/l

RT: 4.90 min Scan# 492

Delta R.T. 0.00 min

Lab File: VW007653.D

Acq: 18 Dec 2018 12:59

Instrument :

MSVOA_W

ClientSampleId :

P001-SS016-0006-01

Tgt Ion: 84 Resp: 1624

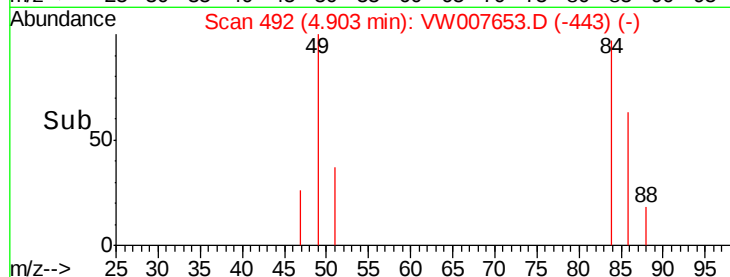
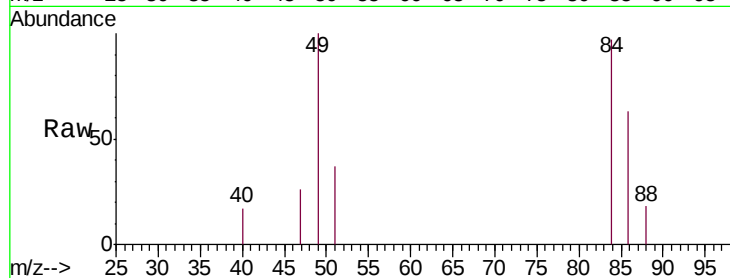
Ion Ratio Lower Upper

84 100

49 102.8 87.1 130.7

51 37.7 28.2 42.2

86 65.0 50.8 76.2

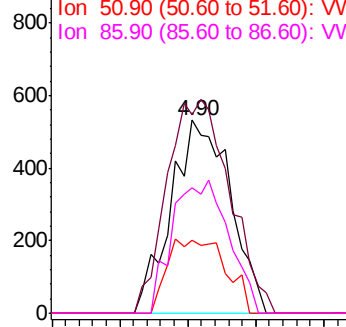


Abundance Ion 83.90 (83.60 to 84.60): VW

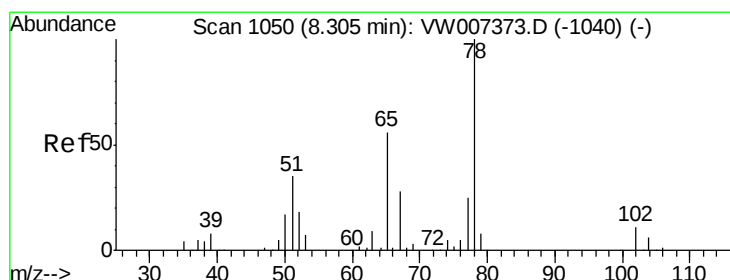
Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



Time--> 4.80 4.85 4.90 4.95 5.00



#33

1,2-Dichloroethane-d4

Concen: 79.758 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007653.D

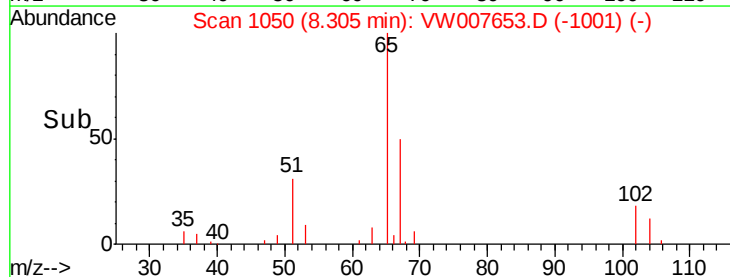
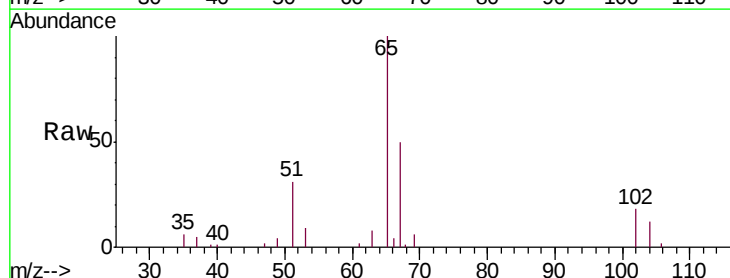
Acq: 18 Dec 2018 12:59

Tgt Ion: 65 Resp: 16414

Ion Ratio Lower Upper

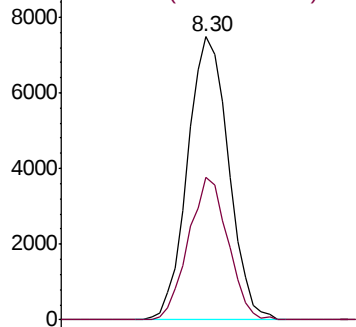
65 100

67 48.6 0.0 101.6

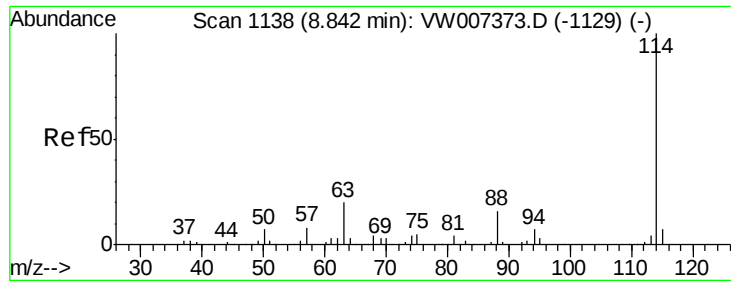


Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



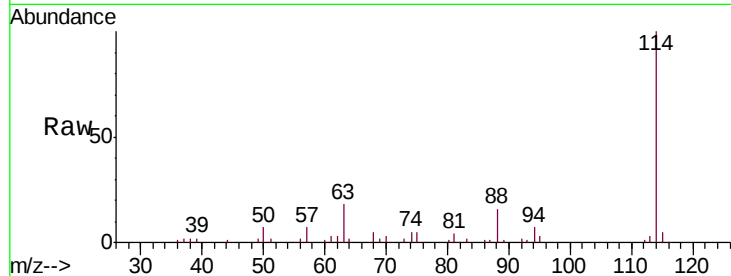
Time--> 8.20 8.25 8.30 8.35 8.40



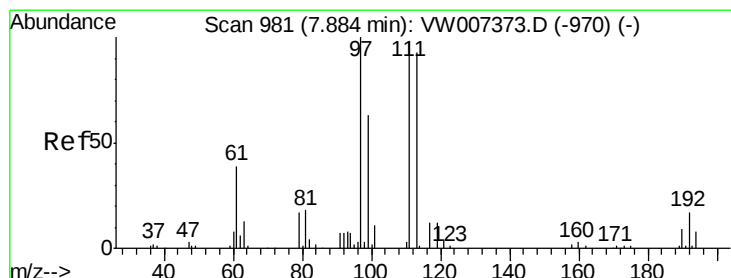
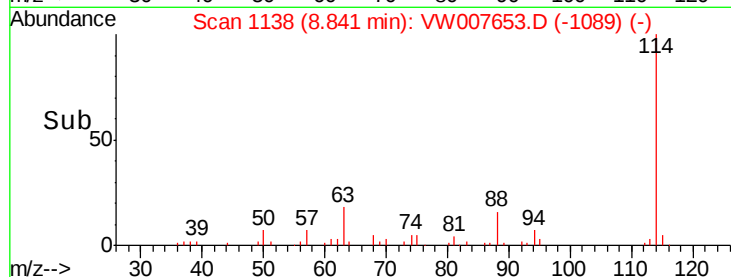
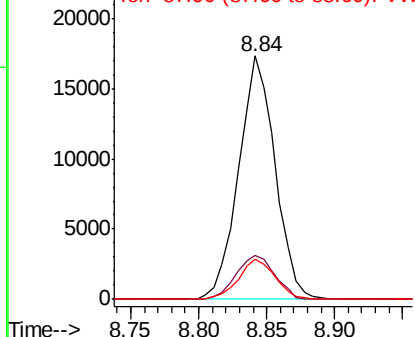
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW007653.D
Acq: 18 Dec 2018 12:59

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01

Tgt Ion:114 Resp: 32436
Ion Ratio Lower Upper
114 100
63 18.0 0.0 39.6
88 16.2 0.0 31.4

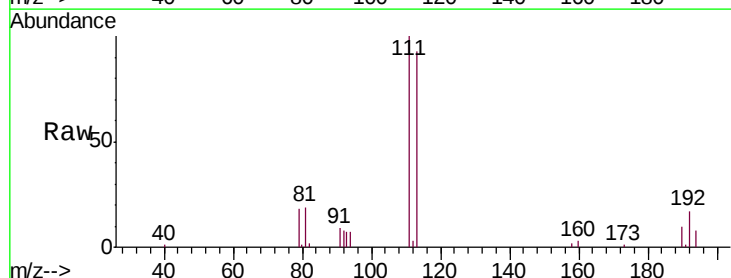


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

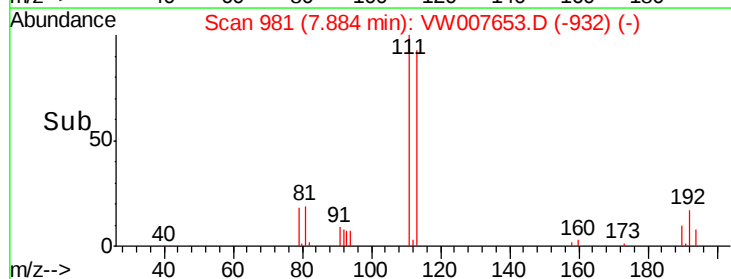
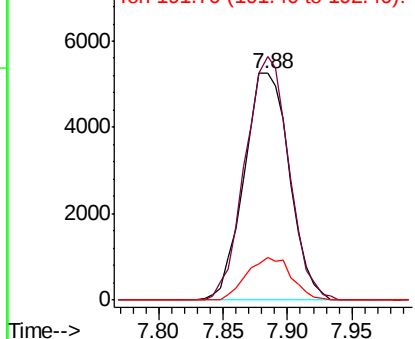


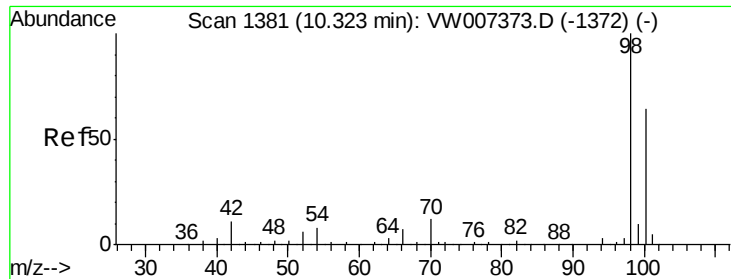
#35
Dibromofluoromethane
Concen: 65.419 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW007653.D
Acq: 18 Dec 2018 12:59

Tgt Ion:113 Resp: 12845
Ion Ratio Lower Upper
113 100
111 103.2 81.1 121.7
192 18.6 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: 43.120 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007653.D

Acq: 18 Dec 2018 12:59

Instrument :

MSVOA_W

ClientSampleId :

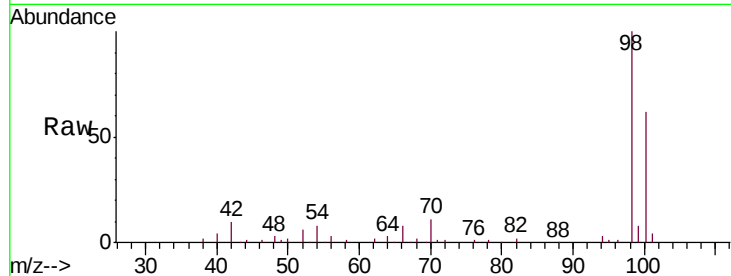
P001-SS016-0006-01

Tgt Ion: 98 Resp: 31745

Ion Ratio Lower Upper

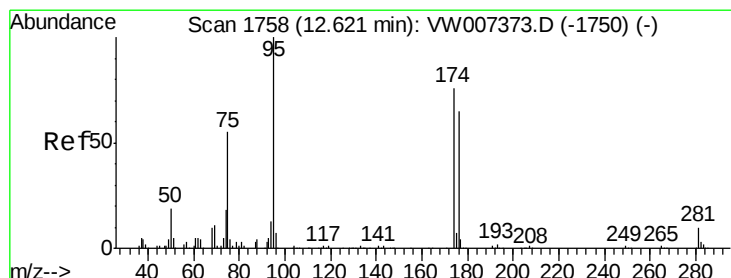
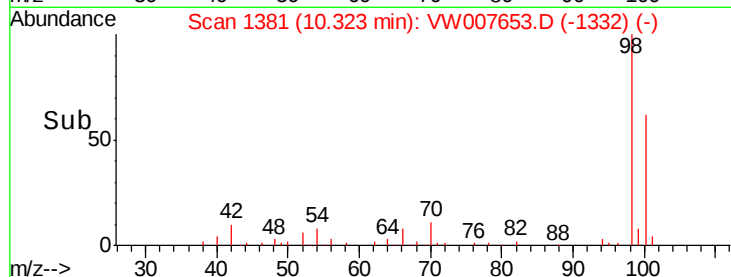
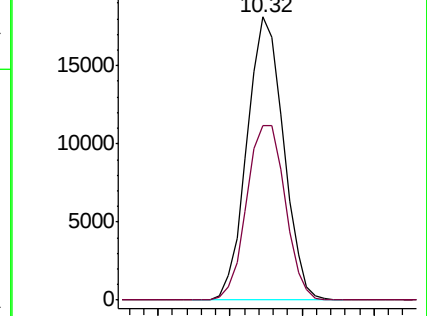
98 100

100 65.3 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: 31.598 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007653.D

Acq: 18 Dec 2018 12:59

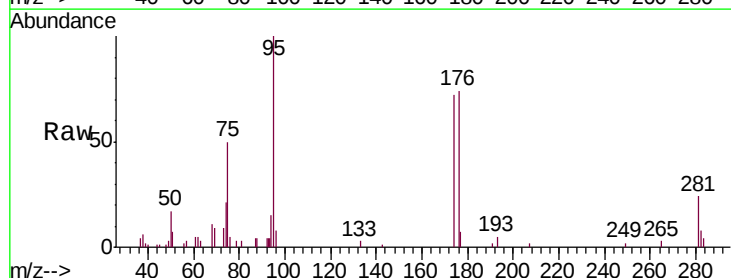
Tgt Ion: 95 Resp: 8553

Ion Ratio Lower Upper

95 100

174 72.9 0.0 147.2

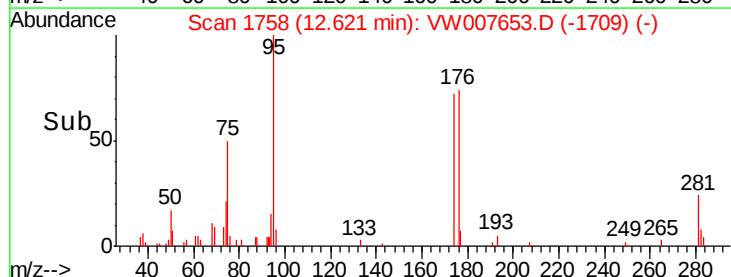
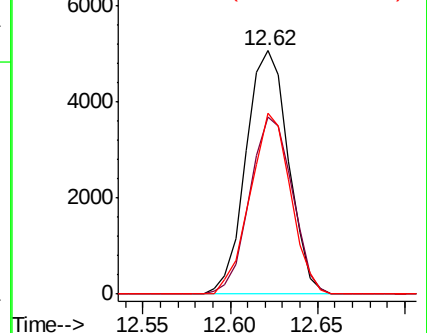
176 71.1 0.0 138.8

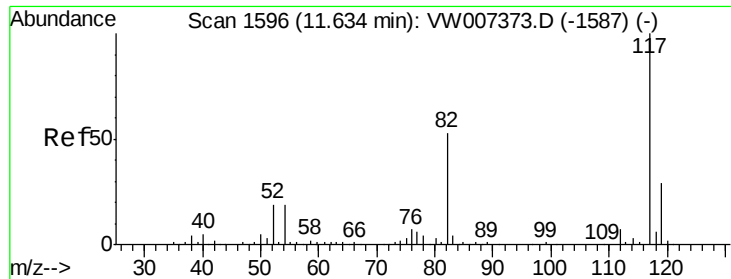


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

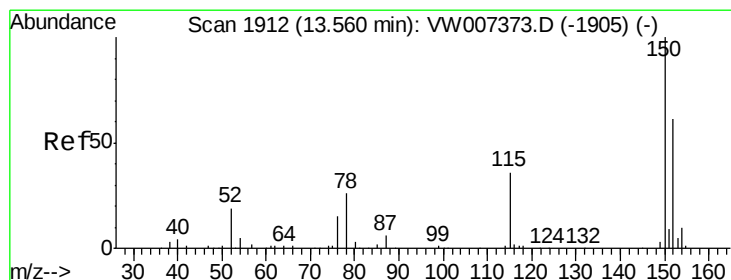
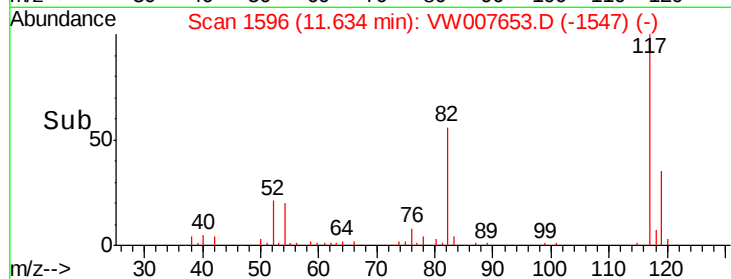
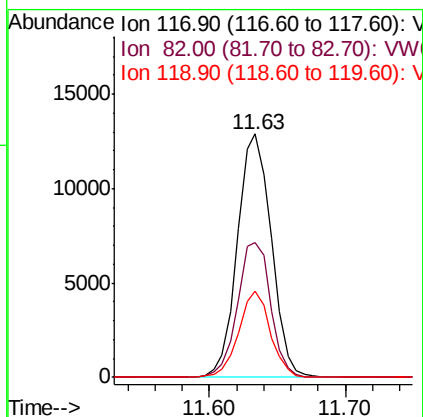
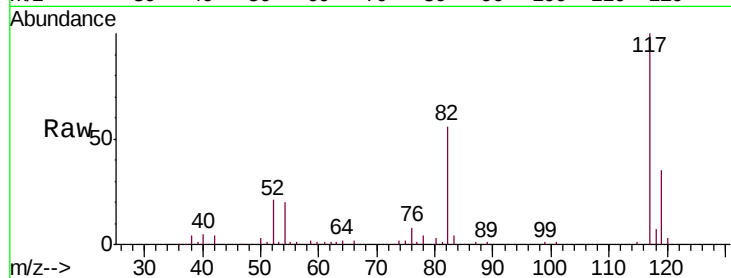




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007653.D
Acq: 18 Dec 2018 12:59

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01

Tgt Ion:117 Resp: 22442
Ion Ratio Lower Upper
117 100
82 55.5 42.3 63.5
119 35.4 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: VW007653.D
Acq: 18 Dec 2018 12:59

Tgt Ion:152 Resp: 7097
Ion Ratio Lower Upper
152 100
115 57.7 31.4 94.2
150 154.5 0.0 358.4

