

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121718\
 Data File : VW007590.D
 Acq On : 15 Dec 2018 18:45
 Operator : SY/AP
 Sample : J6378-04
 Misc : 3.81G/5ML/MSVOA W/SOIL
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD009-0006-01

Quant Time: Dec 15 22:36:39 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

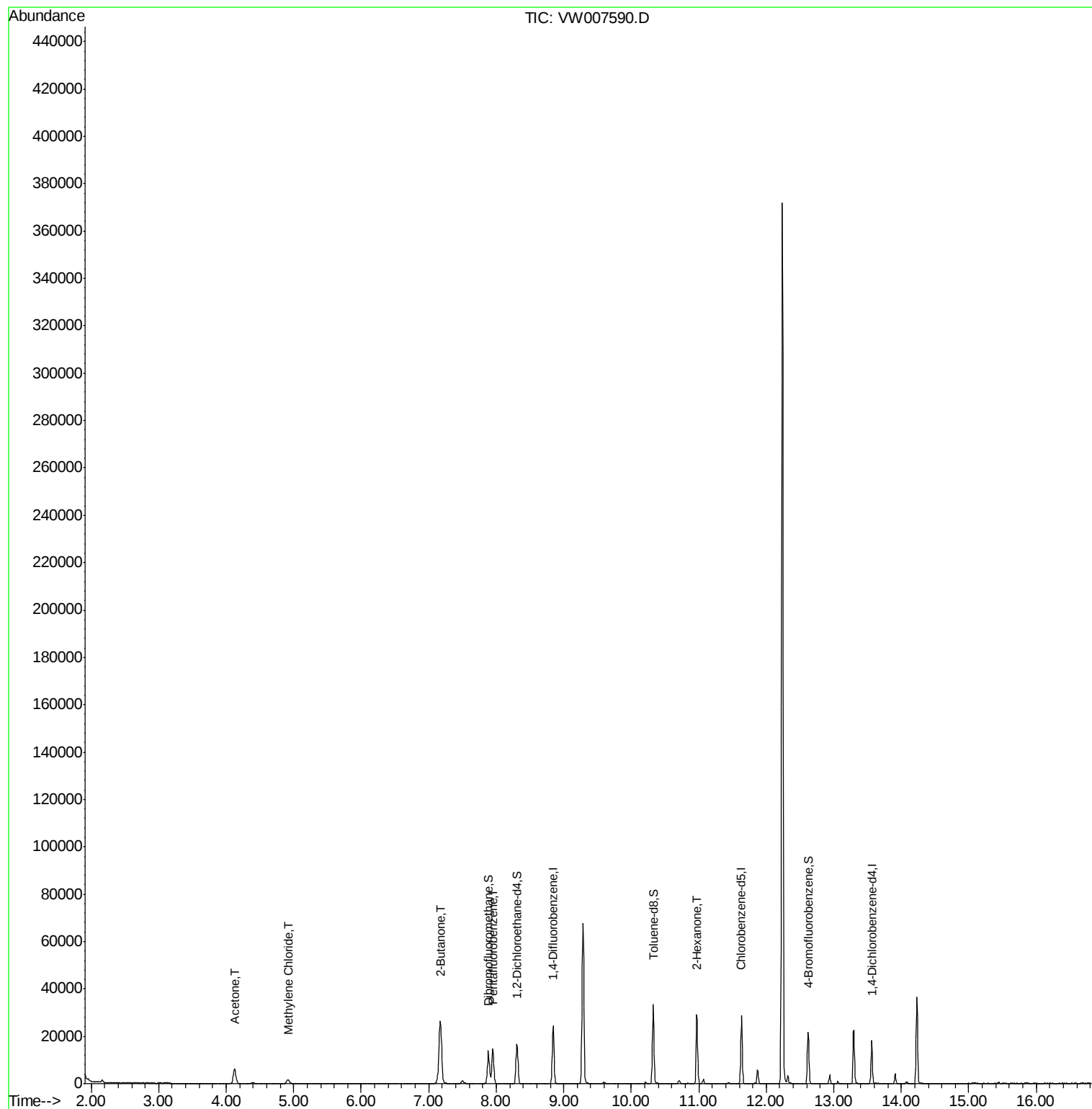
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	10758	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	20813	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	16013	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	4766	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	13583	113.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	227.62%	
35) Dibromofluoromethane	7.88	113	9606	76.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	152.48%	
50) Toluene-d8	10.32	98	23276	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
62) 4-Bromofluorobenzene	12.62	95	6713	38.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.30%	
Target Compounds						
16) Acetone	4.12	43	11056	530.336	ug/l #	88
20) Methylene Chloride	4.91	84	1343	8.531	ug/l	87
25) 2-Butanone	7.17	43	38973	1431.988	ug/l	98
59) 2-Hexanone	10.97	43	16818	382.678	ug/l	99

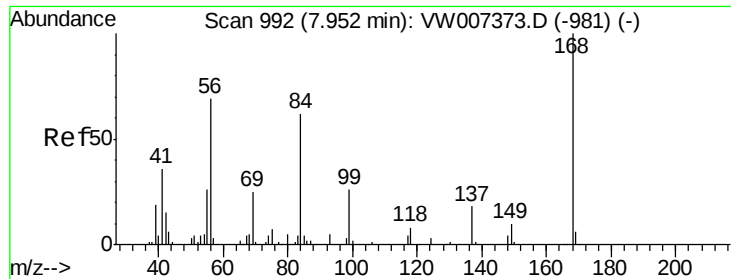
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007590.D

Acq: 15 Dec 2018 18:45

Instrument :

MSVOA_W

ClientSampleId :

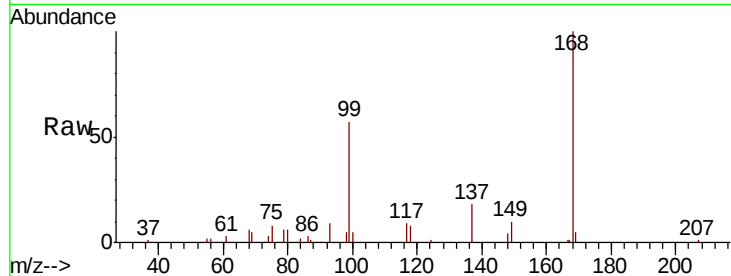
P001-SD009-0006-01

Tot Ion:168 Resp: 10758

Ion Ratio Lower Upper

168 100

99 57.2 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

6000

5000

4000

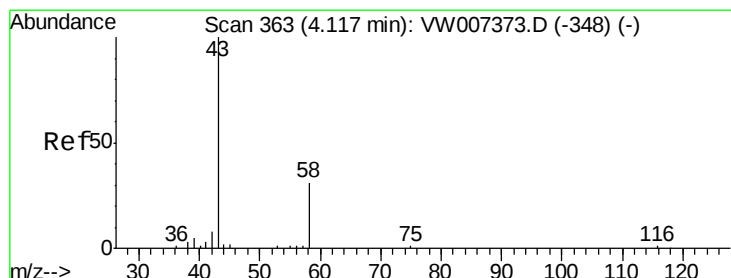
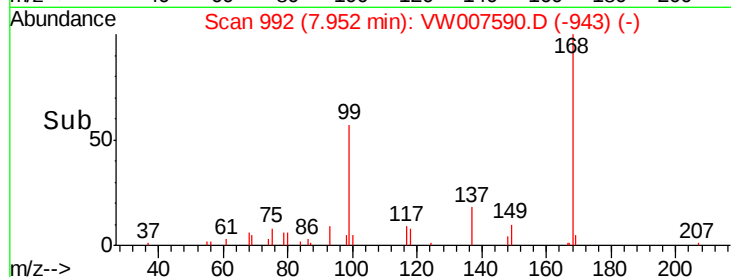
3000

2000

1000

0

Time--> 7.85 7.90 7.95 8.00



#16

Acetone

Concen: 530.336 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW007590.D

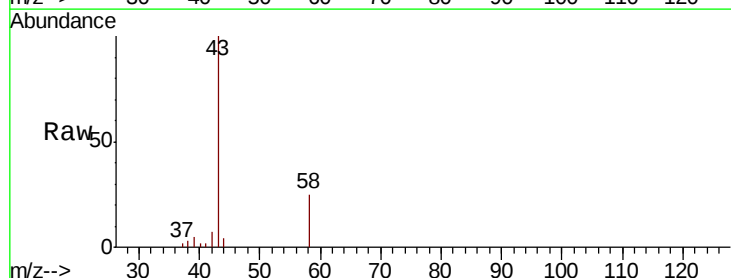
Acq: 15 Dec 2018 18:45

Tgt Ion: 43 Resp: 11056

Ion Ratio Lower Upper

43 100

58 24.6 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

5000

4000

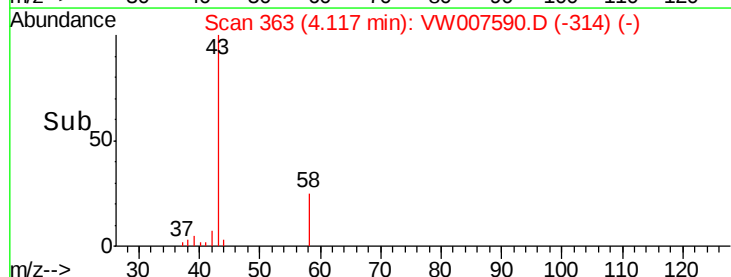
3000

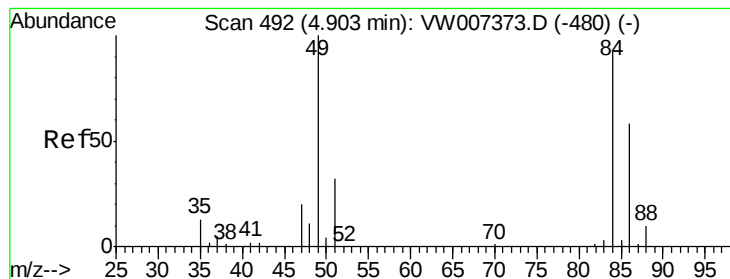
2000

1000

0

Time--> 4.00 4.05 4.10 4.15 4.20





#20

Methylene Chloride

Concen: 8.531 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.01 min

Lab File: VW007590.D

Acq: 15 Dec 2018 18:45

Instrument :

MSVOA_W

ClientSampleId :

P001-SD009-0006-01

Tot Ion: 84 Resp: 1343

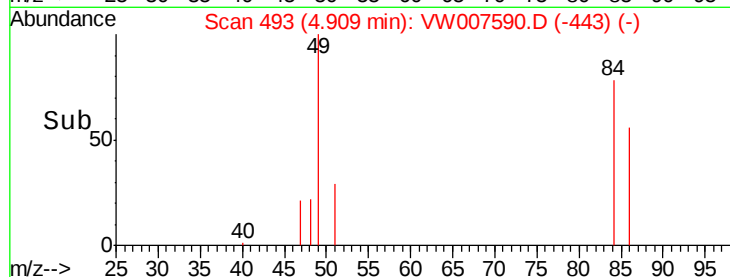
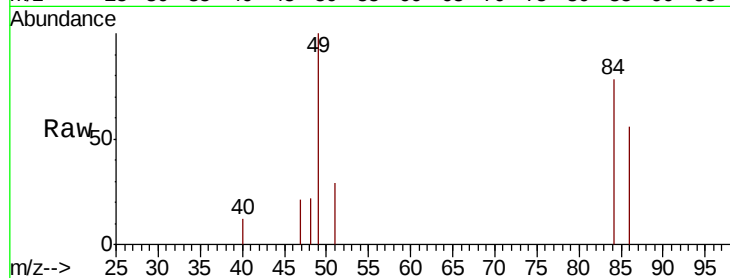
Ion Ratio Lower Upper

84 100

49 127.5 87.1 130.7

51 37.6 28.2 42.2

86 71.1 50.8 76.2

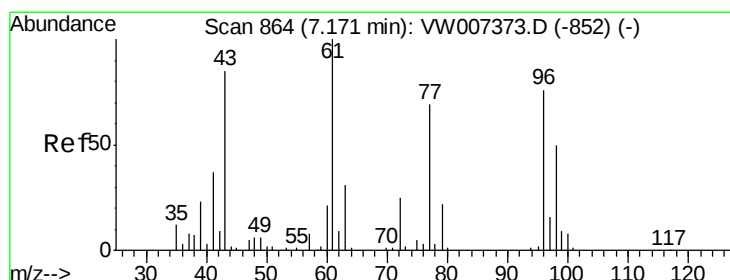
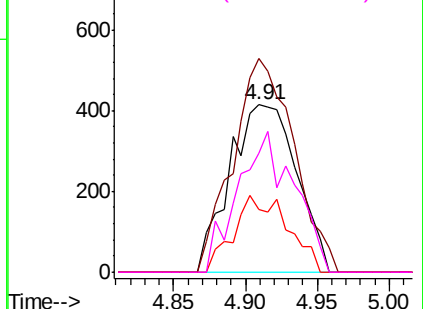


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#25

2-Butanone

Concen: 1431.988 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW007590.D

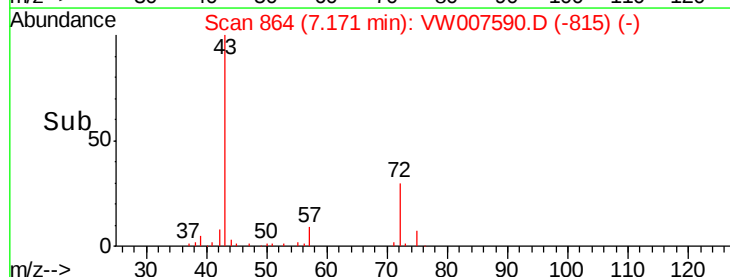
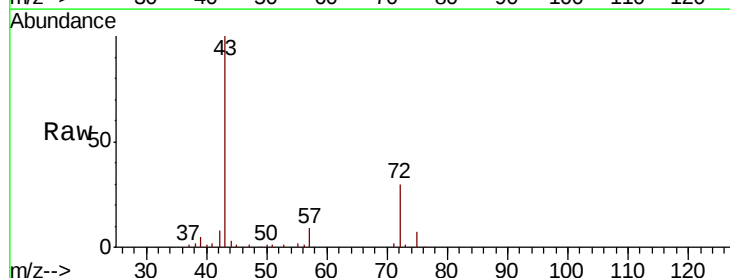
Acq: 15 Dec 2018 18:45

Tgt Ion: 43 Resp: 38973

Ion Ratio Lower Upper

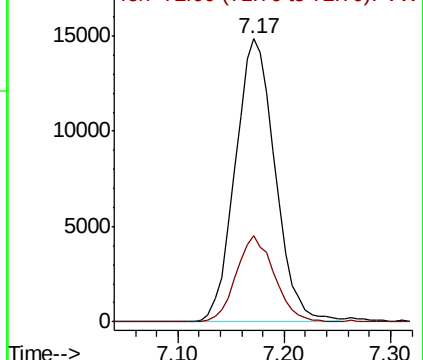
43 100

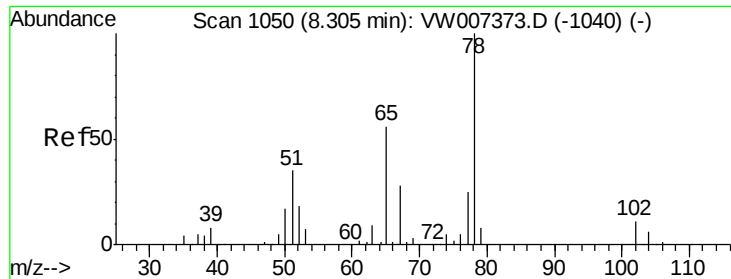
72 30.4 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

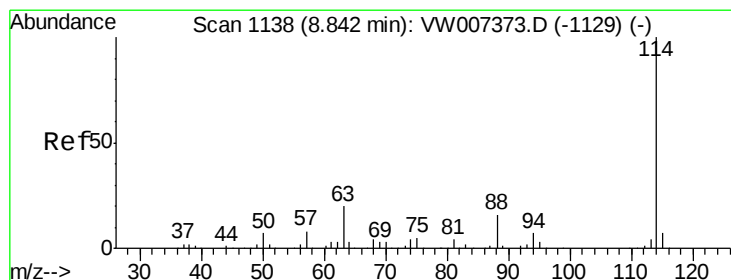
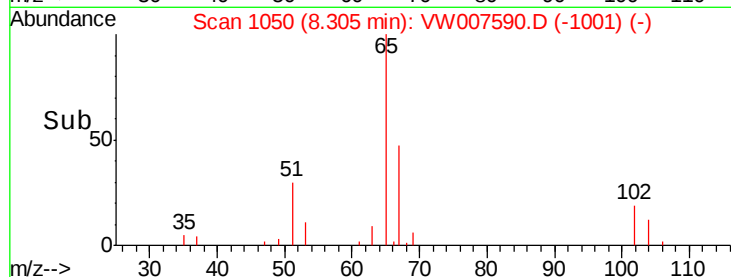
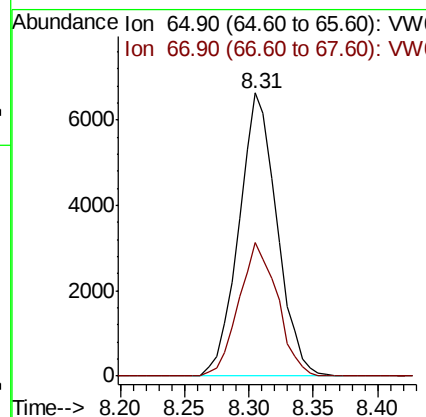
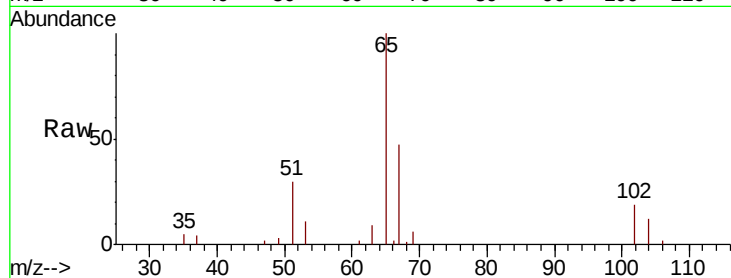




#33
 1,2-Dichloroethane-d4
 Concen: 113.807 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW007590.D
 Acq: 15 Dec 2018 18:45

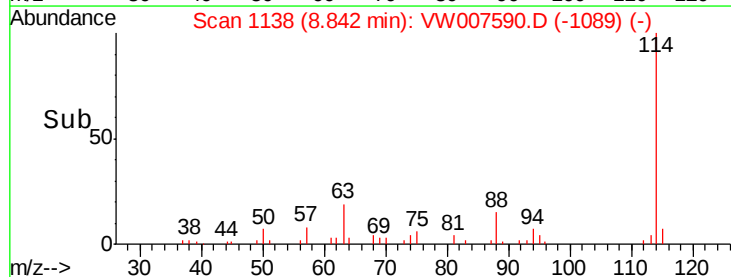
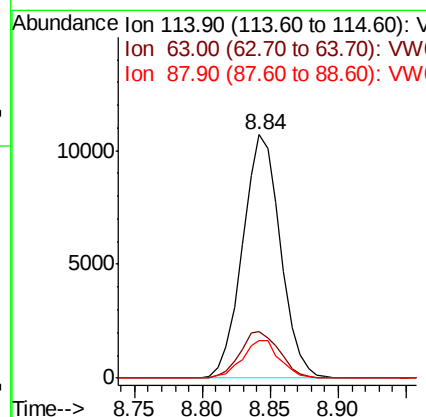
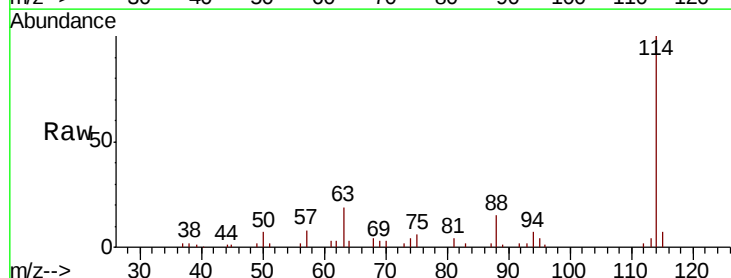
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD009-0006-01

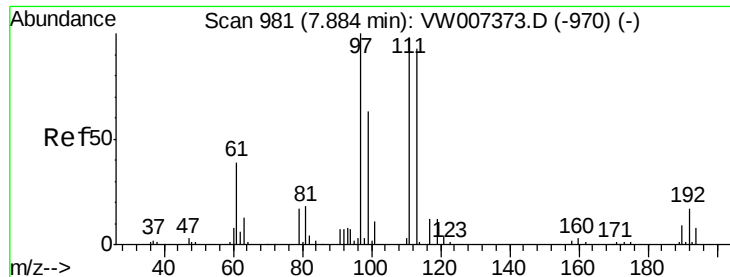
Tot Ion: 65 Resp: 13583
 Ion Ratio Lower Upper
 65 100
 67 47.8 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007590.D
 Acq: 15 Dec 2018 18:45

Tgt Ion: 114 Resp: 20813
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.6
 88 15.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 76.244 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW007590.D

Acq: 15 Dec 2018 18:45

Instrument :

MSVOA_W

ClientSampleId :

P001-SD009-0006-01

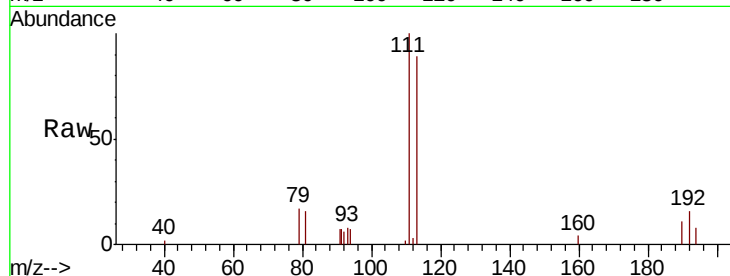
Tot Ion:113 Resp: 9606

Ion Ratio Lower Upper

113 100

111 102.1 81.1 121.7

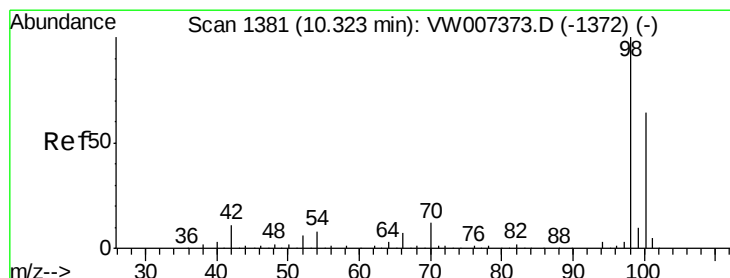
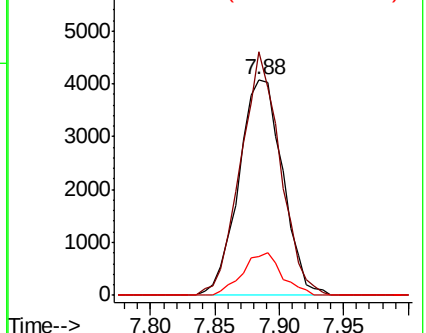
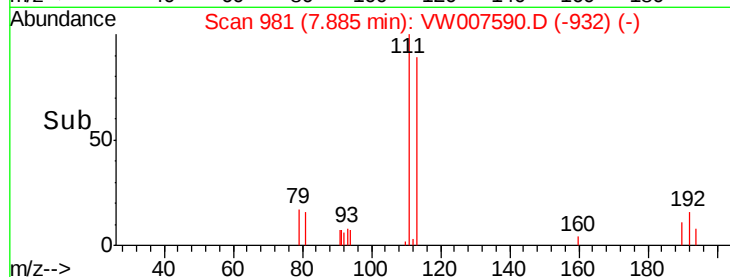
192 17.7 14.6 21.8



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: 49.273 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW007590.D

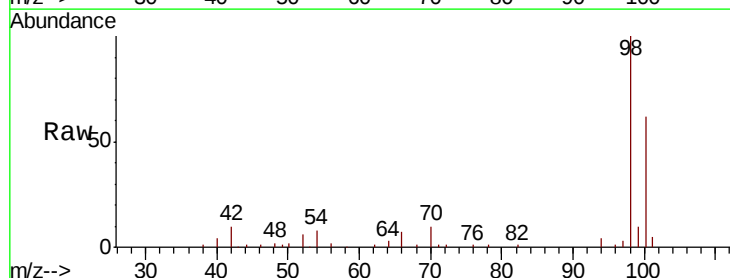
Acq: 15 Dec 2018 18:45

Tgt Ion: 98 Resp: 23276

Ion Ratio Lower Upper

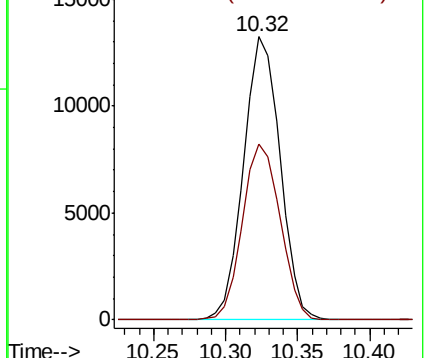
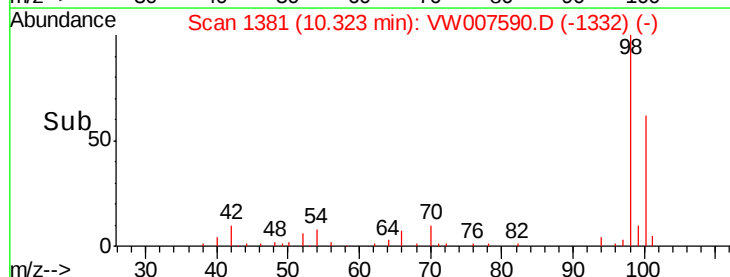
98 100

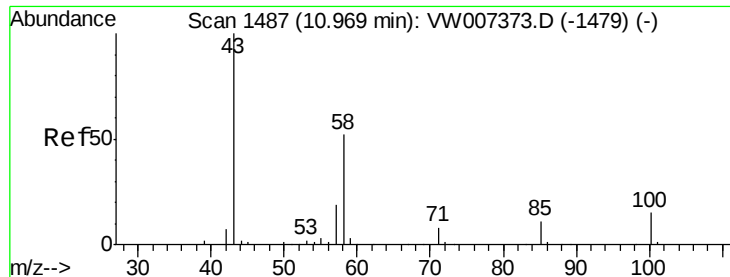
100 64.4 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

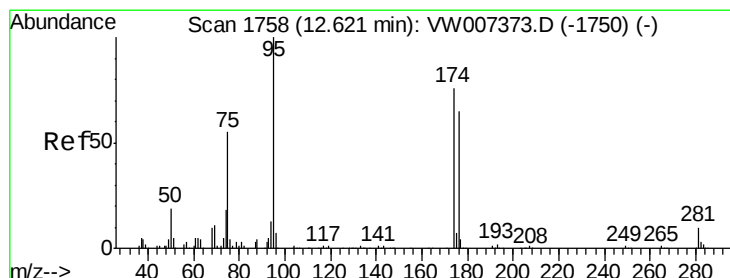
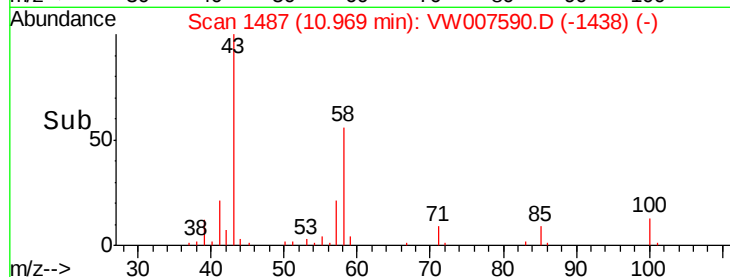
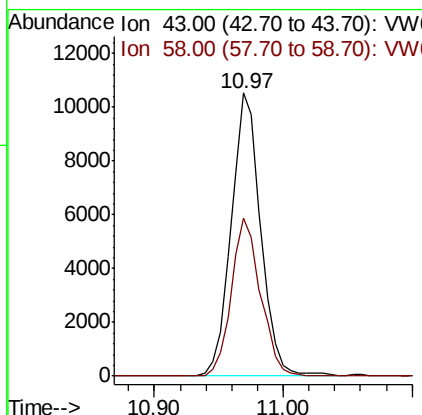
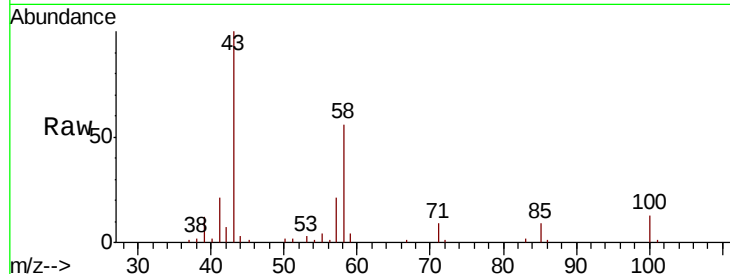




#59
2-Hexanone
Concen: 382.678 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW007590.D
Acq: 15 Dec 2018 18:45

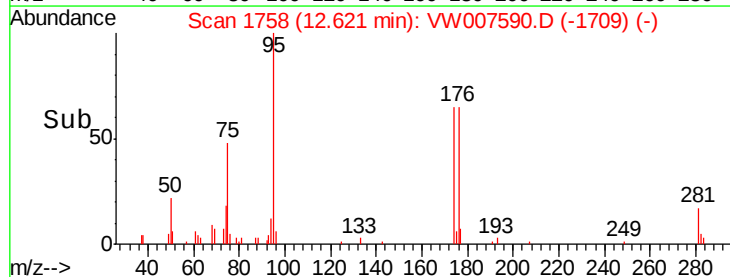
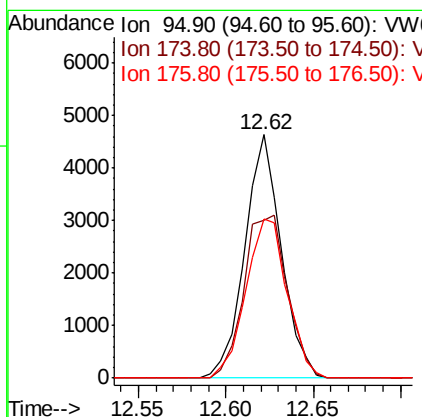
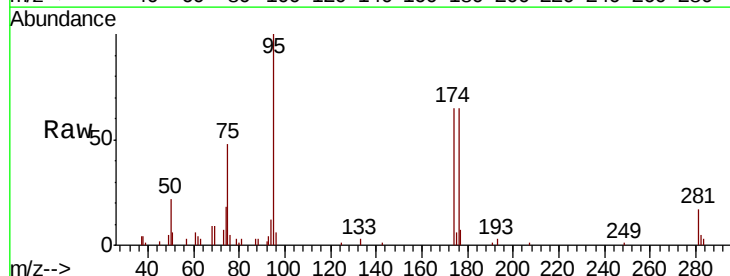
Instrument :
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ClientSampleId :
P001-SD009-0006-01

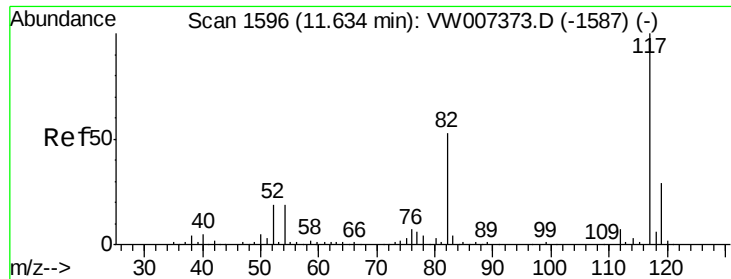
Tot Ion: 43 Resp: 16818
Ion Ratio Lower Upper
43 100
58 55.1 27.1 81.3



#62
4-Bromofluorobenzene
Concen: 38.650 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007590.D
Acq: 15 Dec 2018 18:45

Tgt Ion: 95 Resp: 6713
Ion Ratio Lower Upper
95 100
174 79.9 0.0 147.2
176 73.9 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: VW007590.D

Acq: 15 Dec 2018 18:45

Instrument :

MSVOA_W

ClientSampleId :

P001-SD009-0006-01

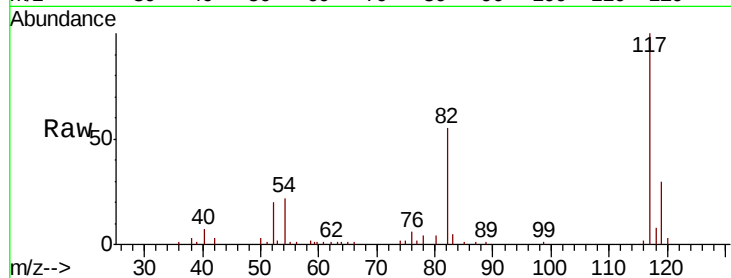
Tot Ion:117 Resp: 16013

Ion Ratio Lower Upper

117 100

82 54.6 42.3 63.5

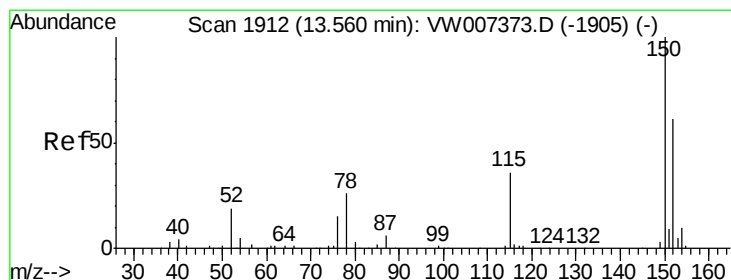
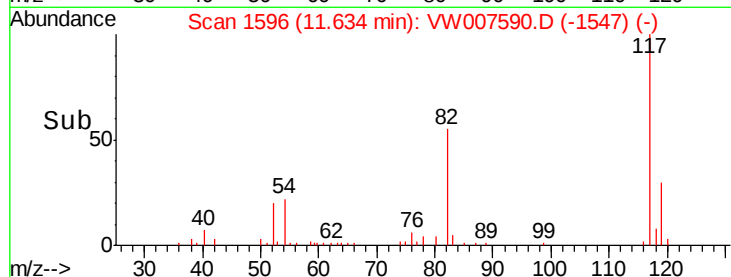
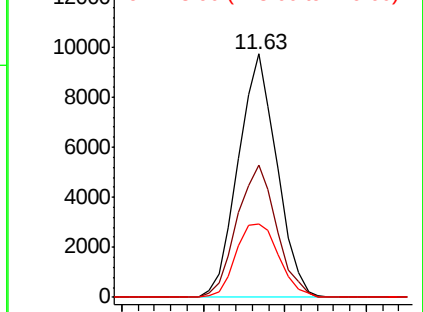
119 30.1 23.0 34.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

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: VW007590.D

Acq: 15 Dec 2018 18:45

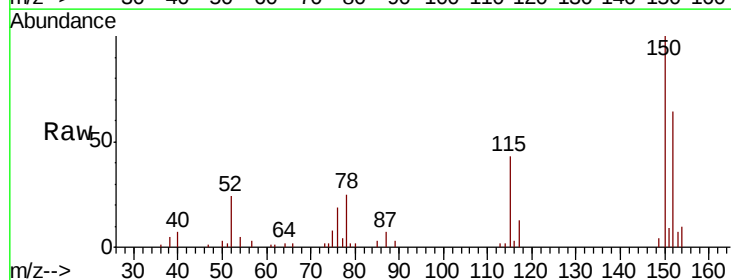
Tgt Ion:152 Resp: 4766

Ion Ratio Lower Upper

152 100

115 68.3 31.4 94.2

150 166.4 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

