

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112018\
 Data File : VW006966.D
 Acq On : 20 Nov 2018 01:39
 Operator : SY/AP
 Sample : J5993-01
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 20180925-WCC-1-COMPOSITE

Quant Time: Nov 20 06:33:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 17 04:45:18 2018
 Response via : Initial Calibration

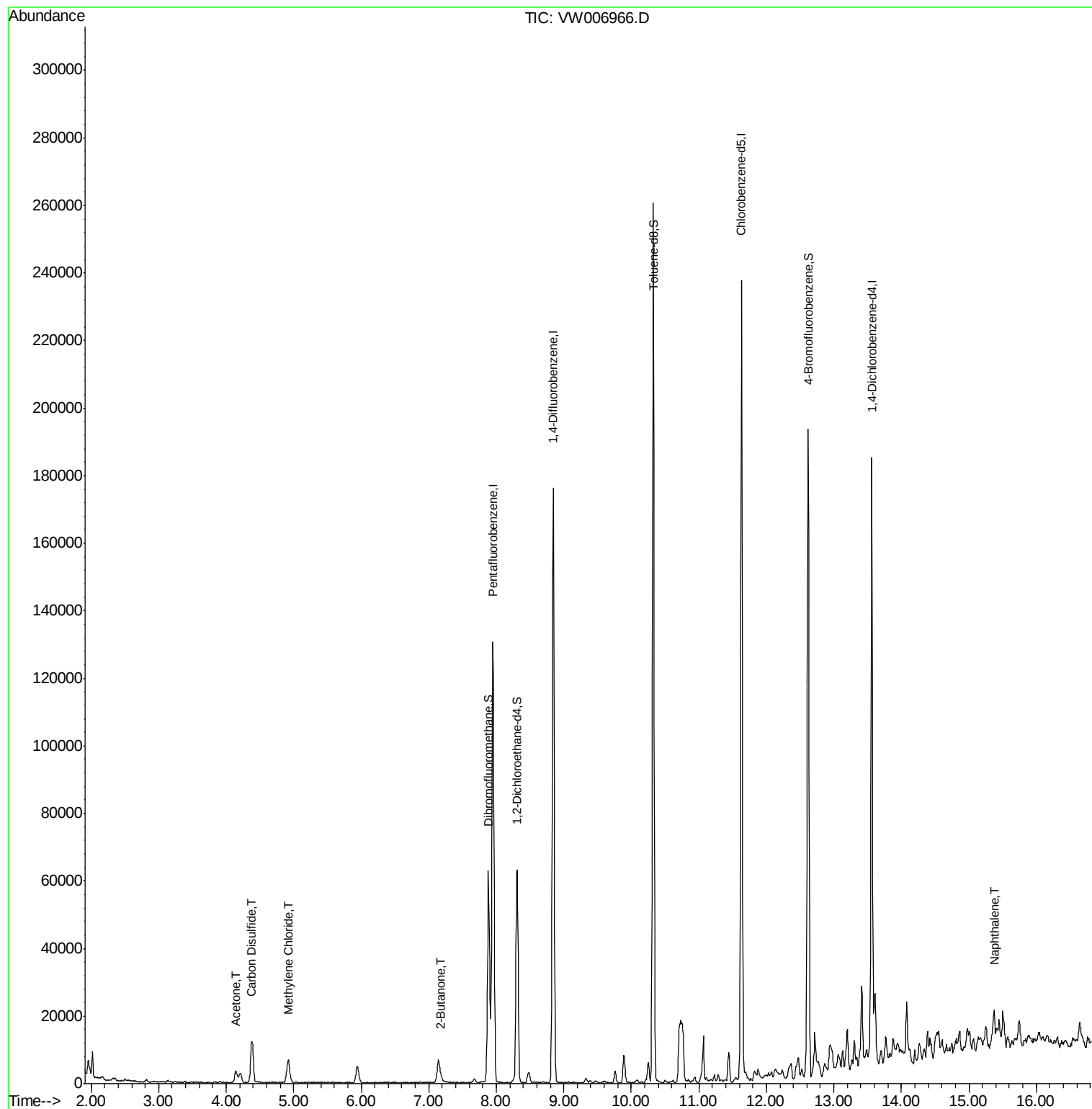
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	97769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	153119	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	131857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	47164	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	52436	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	
35) Dibromofluoromethane	7.88	113	45658	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.86%	
50) Toluene-d8	10.32	98	177867	46.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.32%	
62) 4-Bromofluorobenzene	12.62	95	60900	40.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.08%	
Target Compounds						
16) Acetone	4.15	43	6801	40.807	ug/l	96
17) Carbon Disulfide	4.38	76	26760	9.391	ug/l	98
20) Methylene Chloride	4.92	84	5295	1.328	ug/l #	95
25) 2-Butanone	7.18	43	2676	9.668	ug/l	92
95) Naphthalene	15.38	128	10680	6.086	ug/l #	92

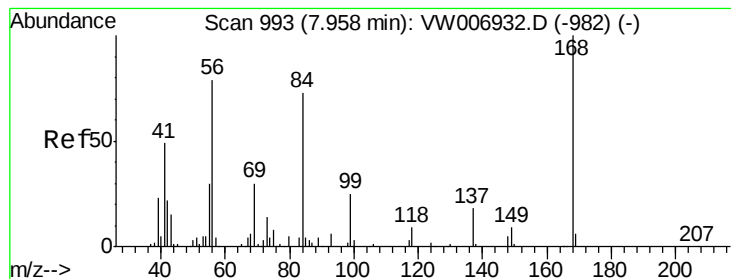
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

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MSVOA_W

ClientSampleId :

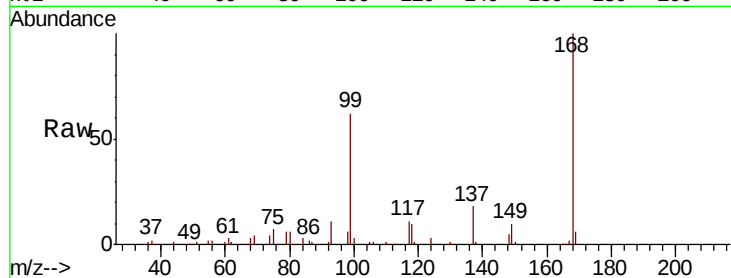
20180925-WCC-1-COMPOSITE

Tot Ion:168 Resp: 97769

Ion Ratio Lower Upper

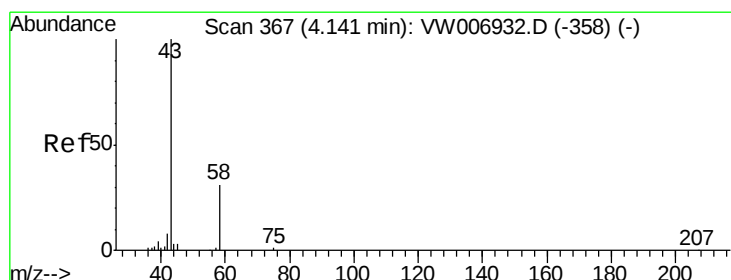
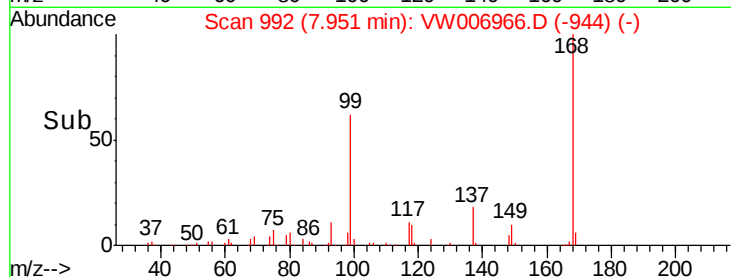
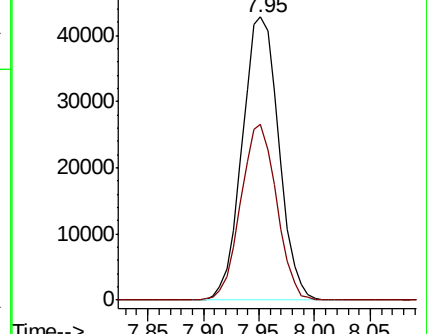
168 100

99 62.2 49.3 73.9



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 40.807 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW006966.D

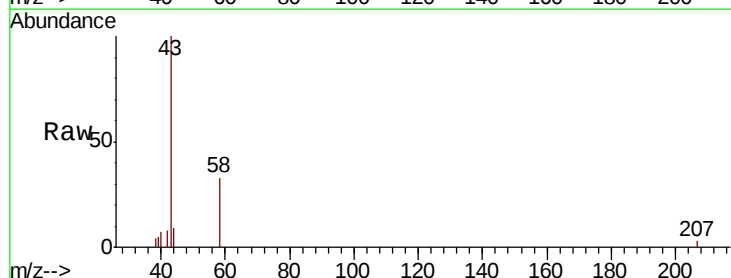
Acq: 20 Nov 2018 01:39

Tgt Ion: 43 Resp: 6801

Ion Ratio Lower Upper

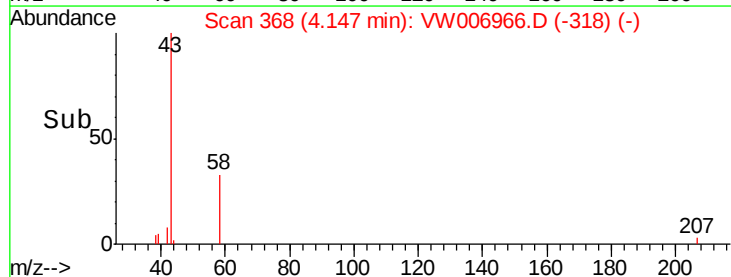
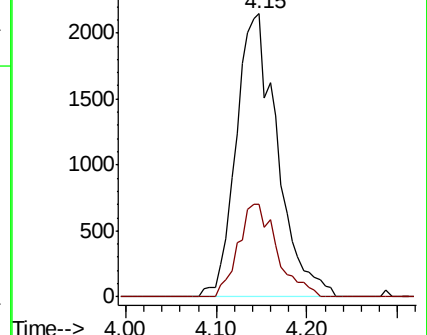
43 100

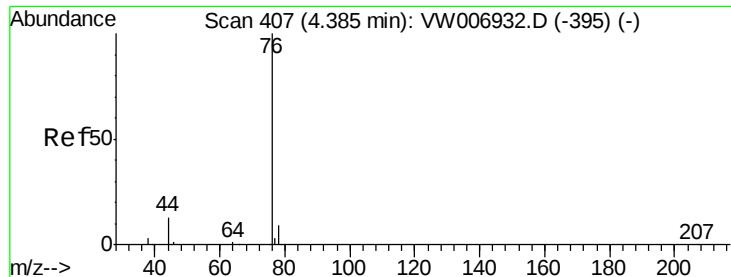
58 32.5 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 9.391 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW006966.D

Acq: 20 Nov 2018 01:39

Instrument :

MSVOA_W

ClientSampleId :

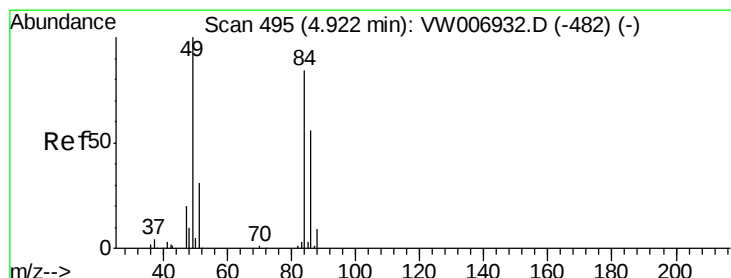
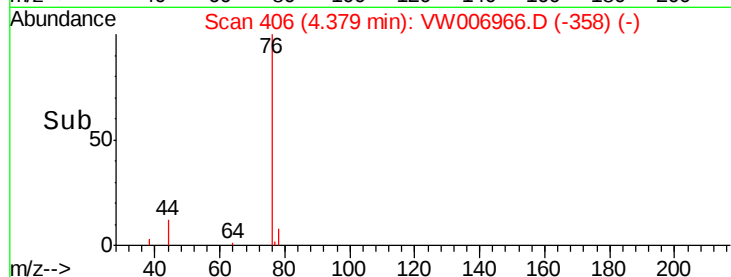
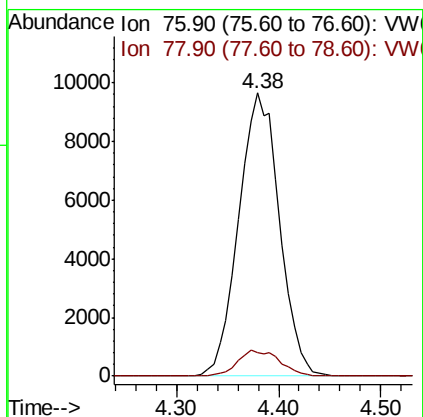
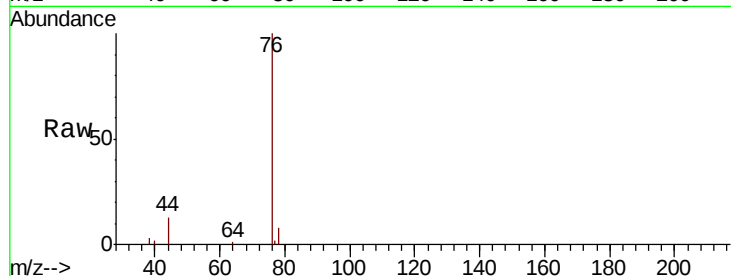
20180925-WCC-1-COMPOSITE

Tot Ion: 76 Resp: 26760

Ion Ratio Lower Upper

76 100

78 8.3 7.1 10.7



#20

Methylene Chloride

Concen: 1.328 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW006966.D

Acq: 20 Nov 2018 01:39

Tgt Ion: 84 Resp: 5295

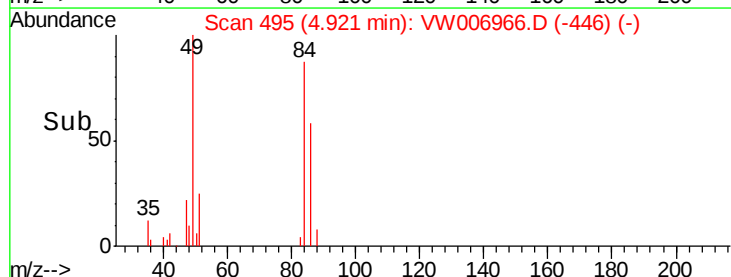
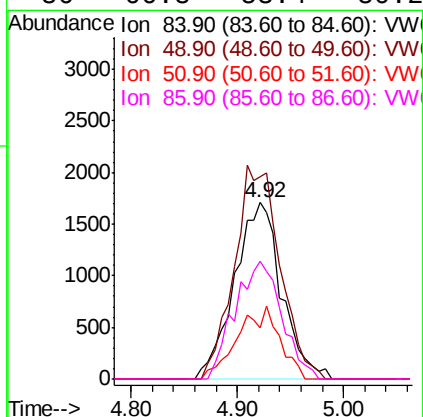
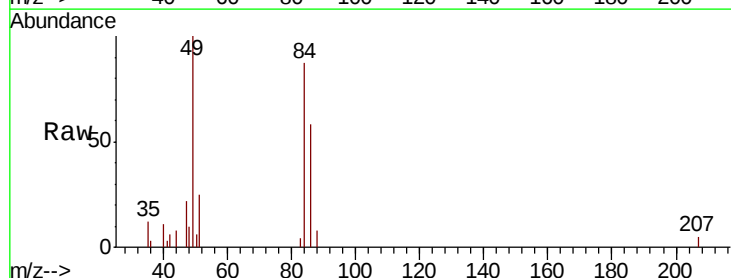
Ion Ratio Lower Upper

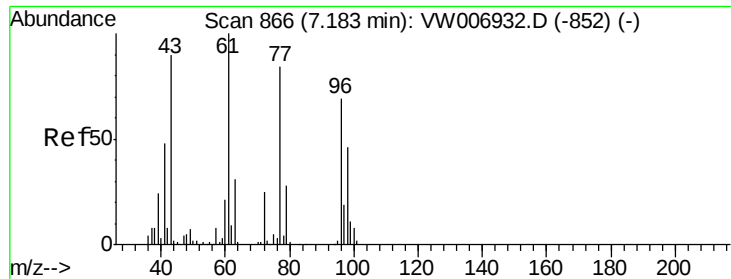
84 100

49 114.6 95.4 143.2

51 28.9 29.5 44.3#

86 66.8 53.4 80.2





#25

2-Butanone

Concen: 9.668 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW006966.D

Acq: 20 Nov 2018 01:39

Instrument :

MSVOA_W

ClientSampleId :

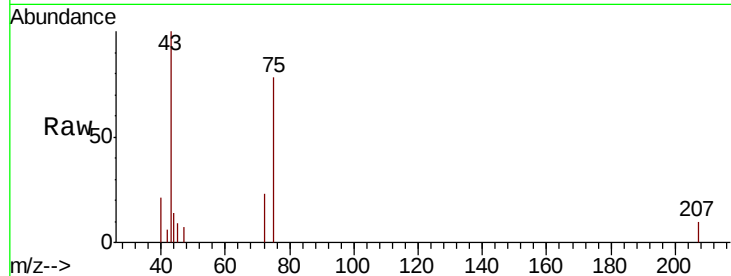
20180925-WCC-1-COMPOSITE

Tot Ion: 43 Resp: 2676

Ion Ratio Lower Upper

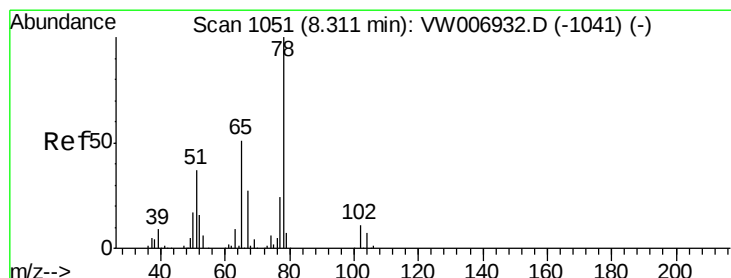
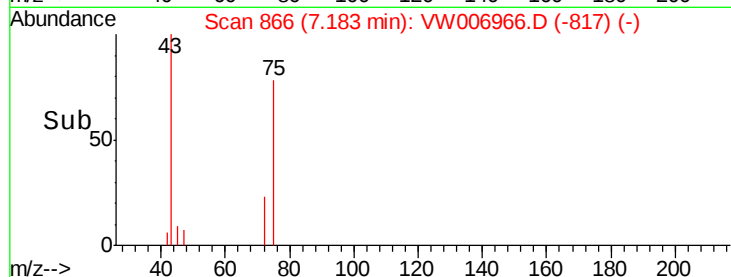
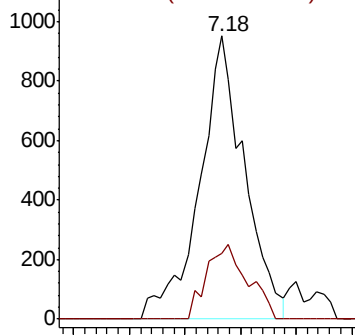
43 100

72 23.3 22.1 33.1



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: 48.125 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006966.D

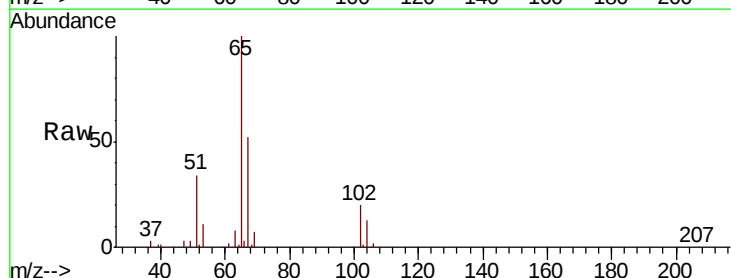
Acq: 20 Nov 2018 01:39

Tgt Ion: 65 Resp: 52436

Ion Ratio Lower Upper

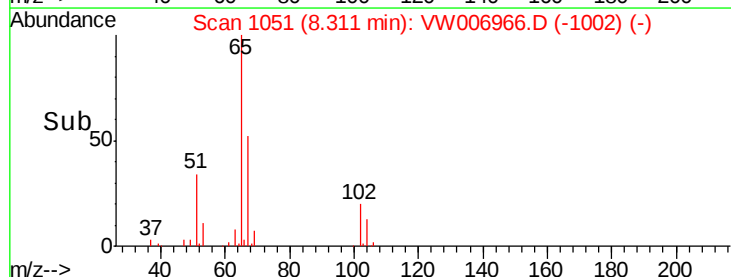
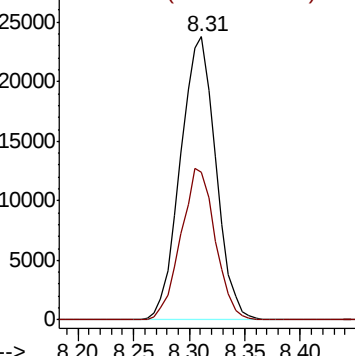
65 100

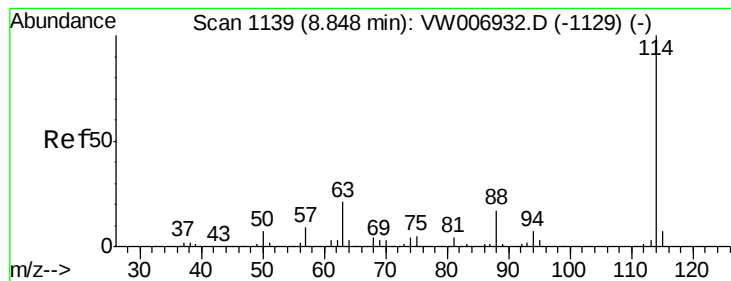
67 52.0 0.0 104.0



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. -0.01 min

Lab File: VW006966.D

Acq: 20 Nov 2018 01:39

Instrument :

MSVOA_W

ClientSampleId :

20180925-WCC-1-COMPOSITE

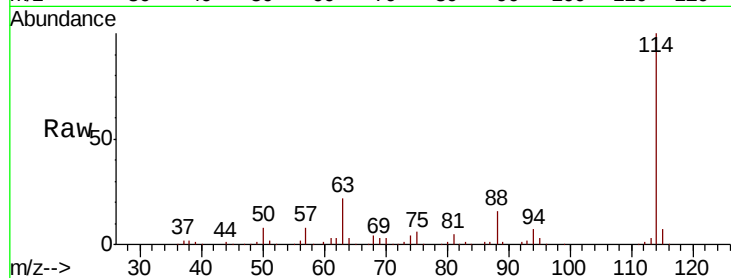
Tot Ion:114 Resp: 153119

Ion Ratio Lower Upper

114 100

63 21.9 0.0 42.2

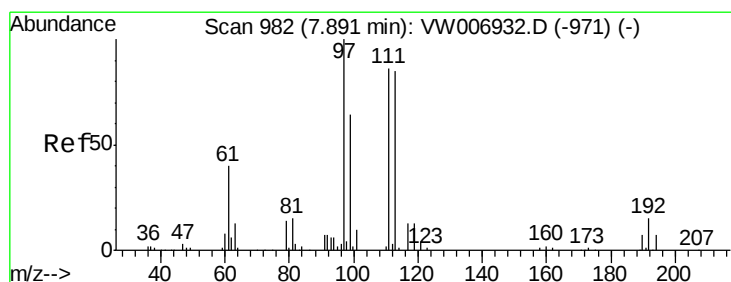
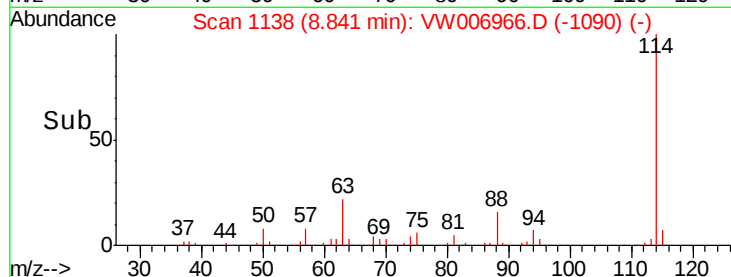
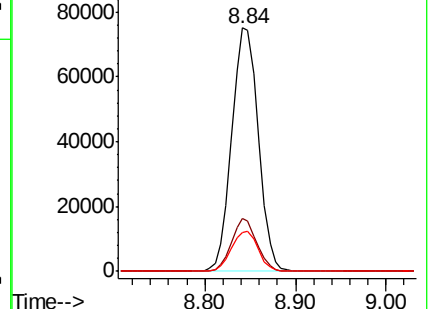
88 16.0 0.0 33.4



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: 50.926 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006966.D

Acq: 20 Nov 2018 01:39

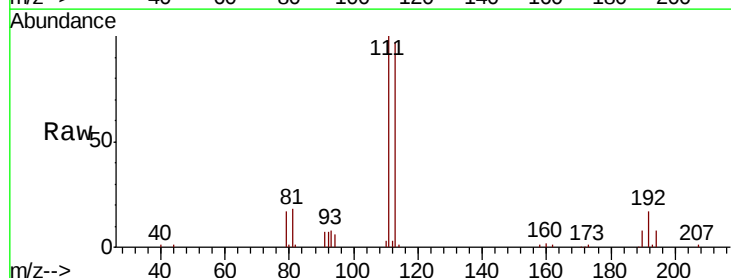
Tgt Ion:113 Resp: 45658

Ion Ratio Lower Upper

113 100

111 102.5 81.7 122.5

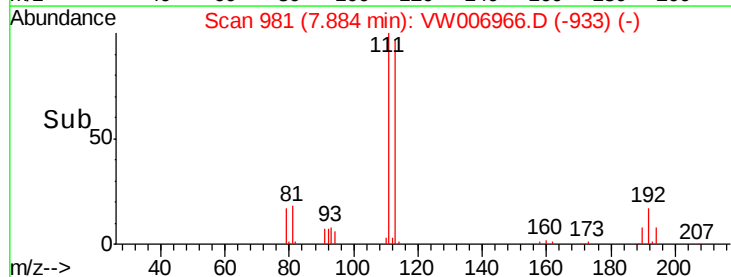
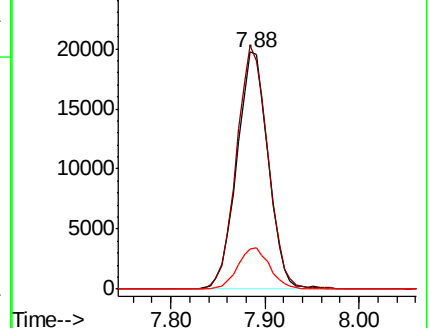
192 17.7 13.9 20.9

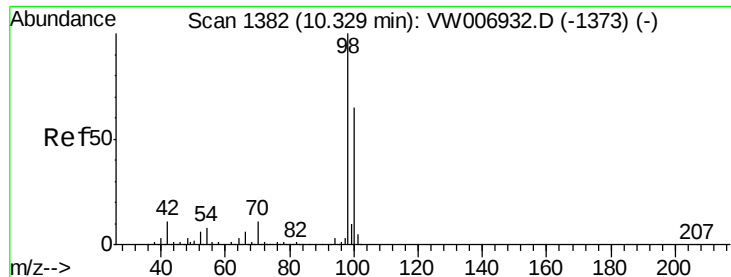


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.165 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW006966.D

Acq: 20 Nov 2018 01:39

Instrument :

MSVOA_W

ClientSampleId :

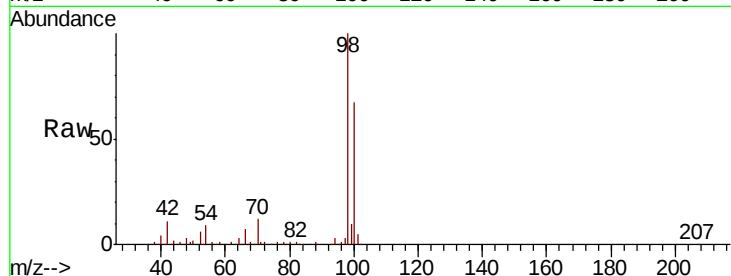
20180925-WCC-1-COMPOSITE

Tot Ion: 98 Resp: 177867

Ion Ratio Lower Upper

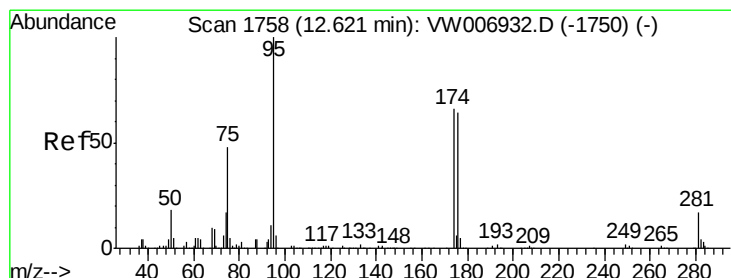
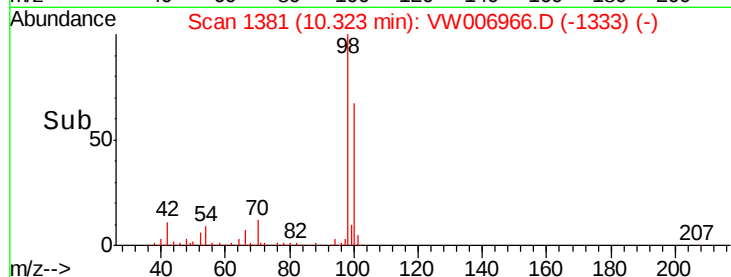
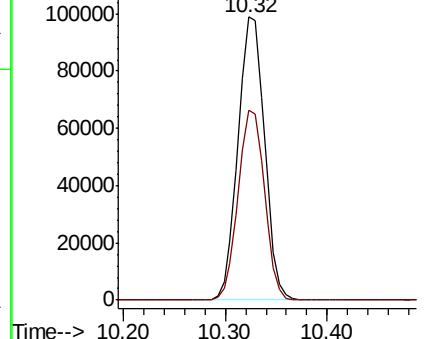
98 100

100 66.6 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 40.537 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006966.D

Acq: 20 Nov 2018 01:39

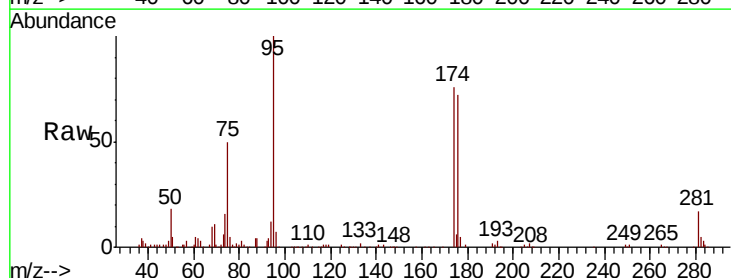
Tgt Ion: 95 Resp: 60900

Ion Ratio Lower Upper

95 100

174 74.9 0.0 138.4

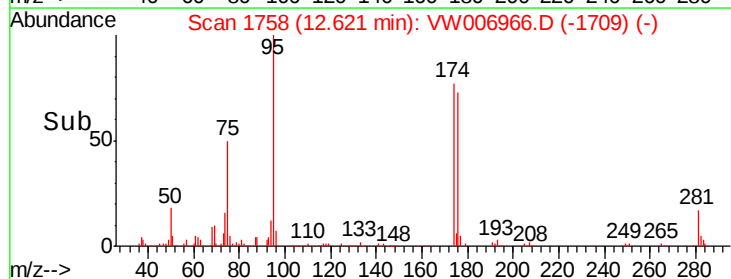
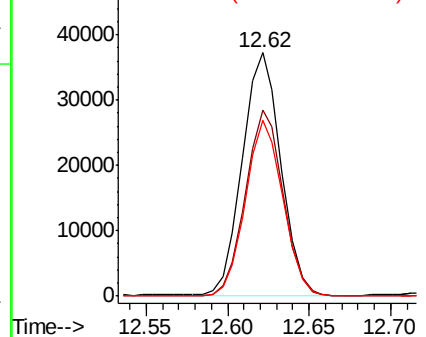
176 70.6 0.0 133.4

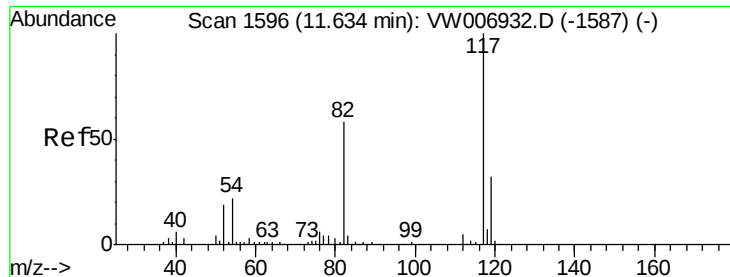


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

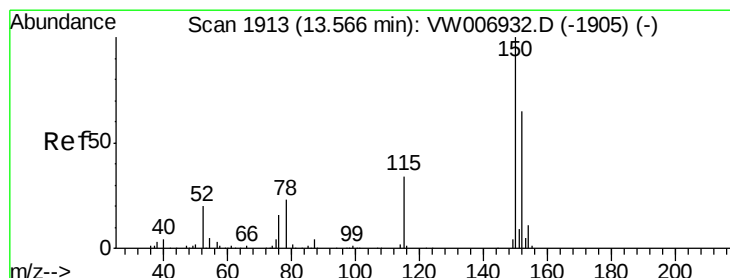
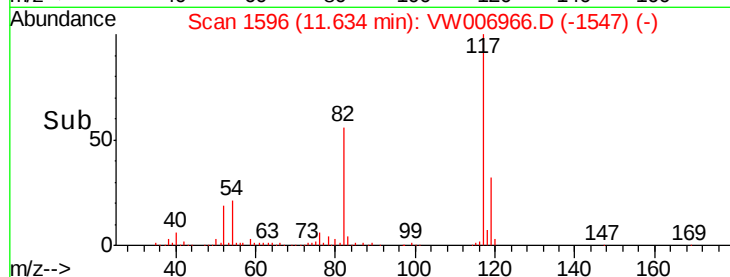
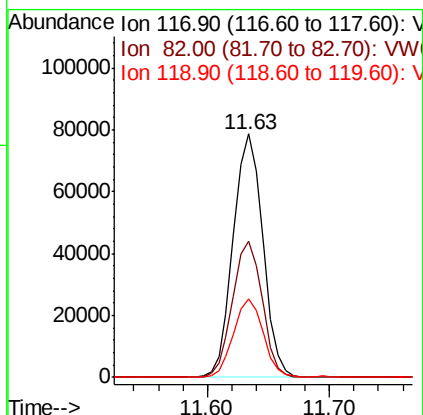
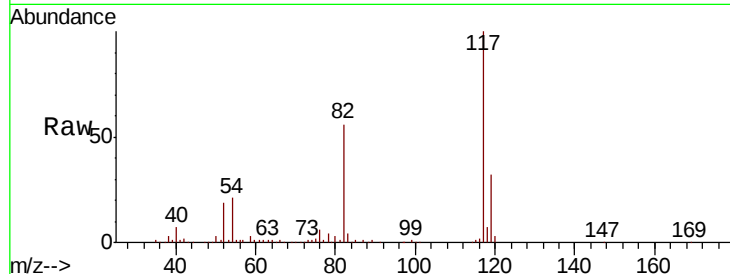




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006966.D
Acq: 20 Nov 2018 01:39

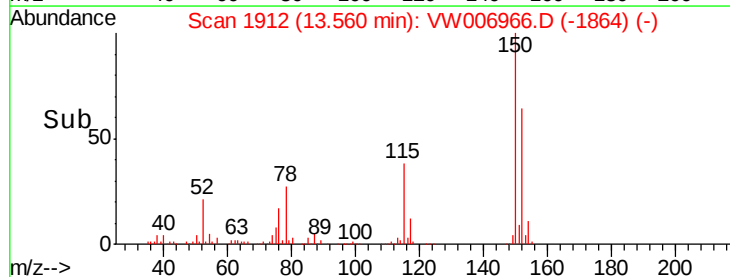
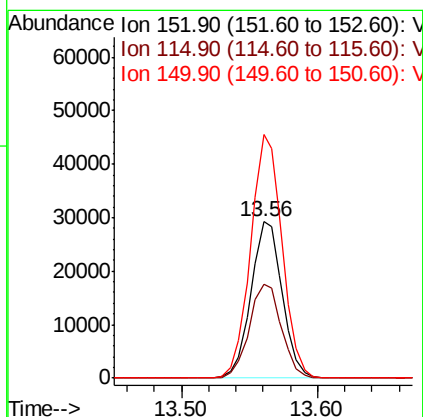
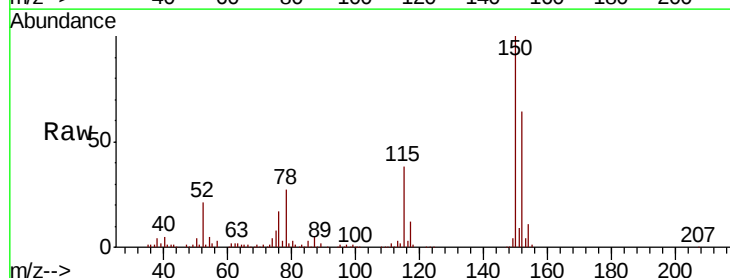
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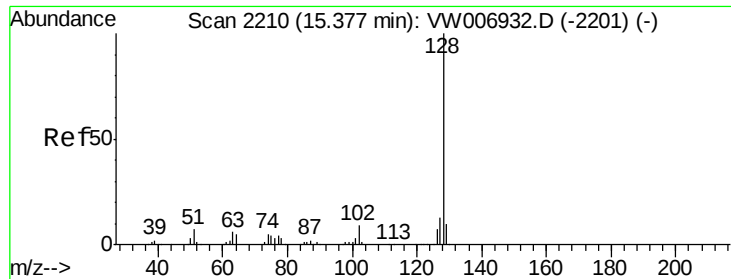
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	46.2	69.2
119	32.0	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW006966.D
Acq: 20 Nov 2018 01:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.4	31.6	94.7
150	155.8	0.0	350.0

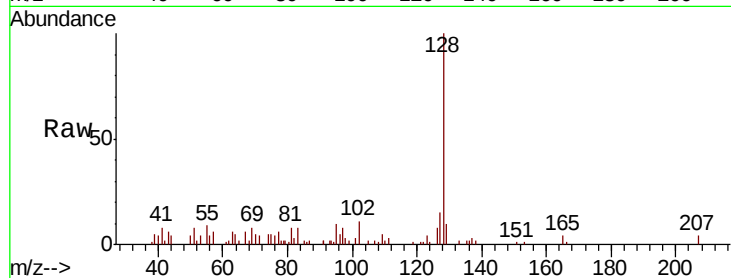




#95
Naphthalene
Concen: 6.086 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006966.D
Acq: 20 Nov 2018 01:39

Instrument :
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20180925-WCC-1-COMPOSITE

Tot Ion	Ratio	Lower	Upper
128	100		
127	16.5	10.6	15.8#
129	13.2	8.5	12.7#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

