

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080419\
 Data File : VW011664.D
 Acq On : 03 Aug 2019 14:30
 Operator : SY/VA
 Sample : K4152-03
 Misc : 5.32G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 2S-H2-(0-1)

Quant Time: Aug 04 02:08:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

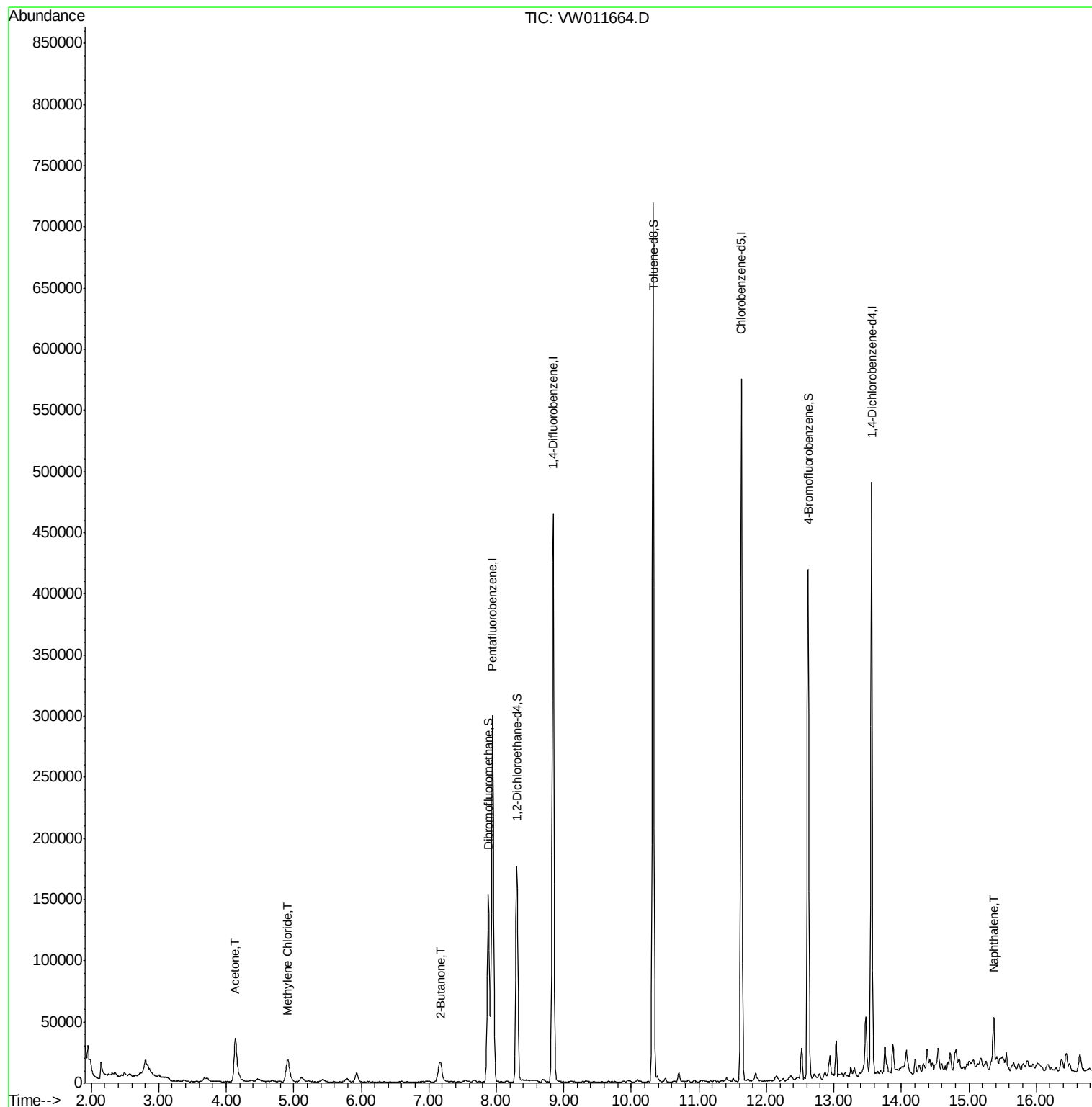
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	215827	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	360552	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	295589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	115993	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	141158	56.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.92%	
35) Dibromofluoromethane	7.88	113	110708	54.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.46%	
50) Toluene-d8	10.32	98	445028	53.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.48%	
62) 4-Bromofluorobenzene	12.62	95	136865	46.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.70%	
Target Compounds						
16) Acetone	4.13	43	72768	92.305	ug/l	99
20) Methylene Chloride	4.91	84	14858	5.465	ug/l	96
25) 2-Butanone	7.18	43	21310	20.658	ug/l	99
95) Naphthalene	15.36	128	35467	9.491	ug/l	99

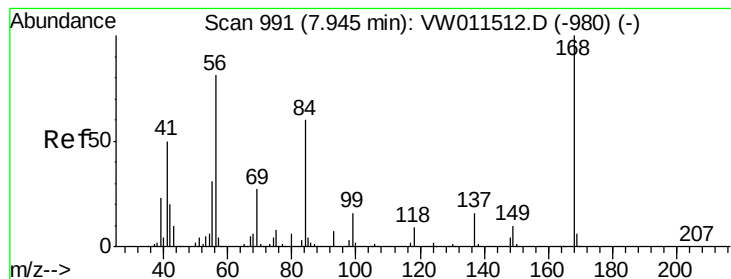
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011664.D

Acq: 03 Aug 2019 14:30

Instrument :

MSVOA_W

ClientSampleId :

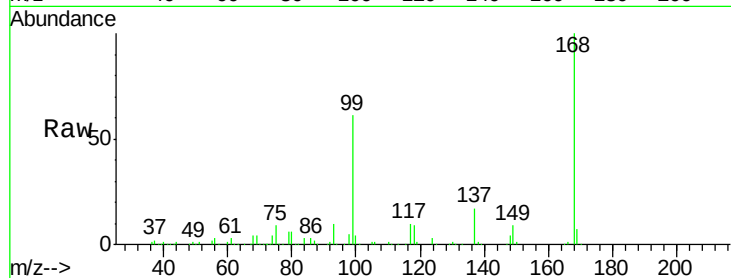
2S-H2-(0-1)

Tot Ion:168 Resp: 215827

Ion Ratio Lower Upper

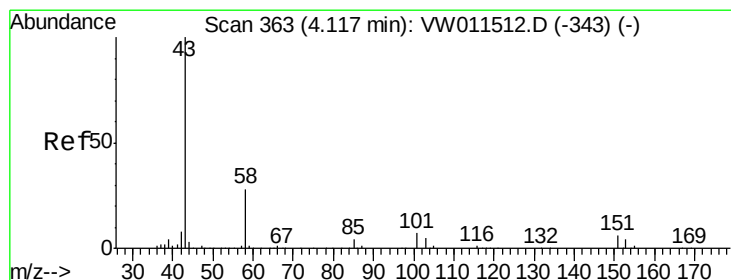
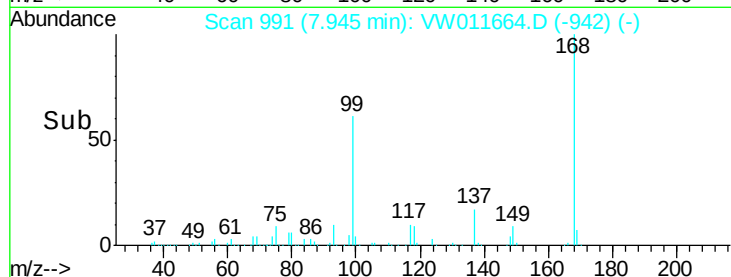
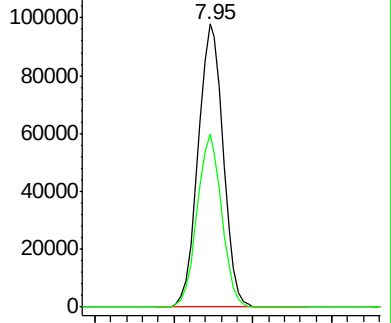
168 100

99 61.2 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 92.305 ug/l

RT: 4.13 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW011664.D

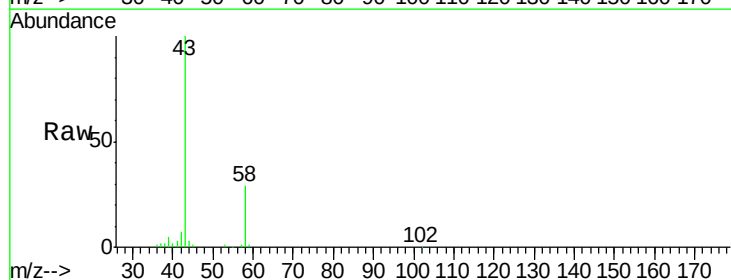
Acq: 03 Aug 2019 14:30

Tgt Ion: 43 Resp: 72768

Ion Ratio Lower Upper

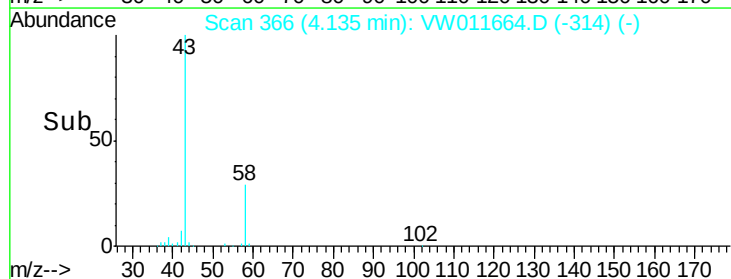
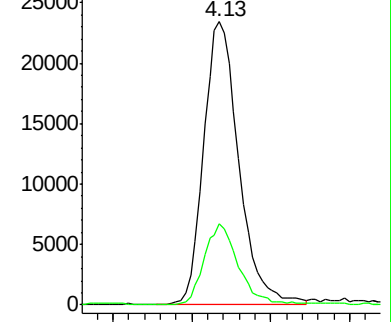
43 100

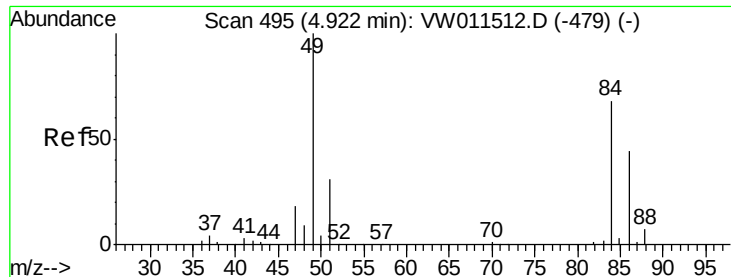
58 28.7 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

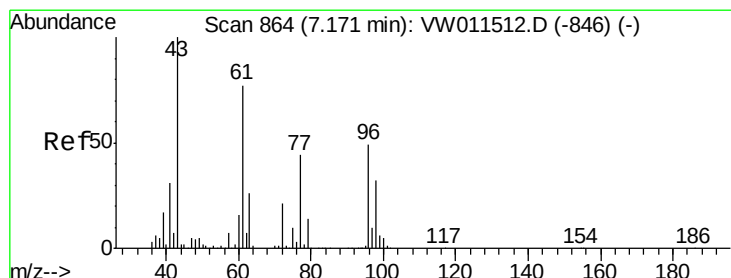
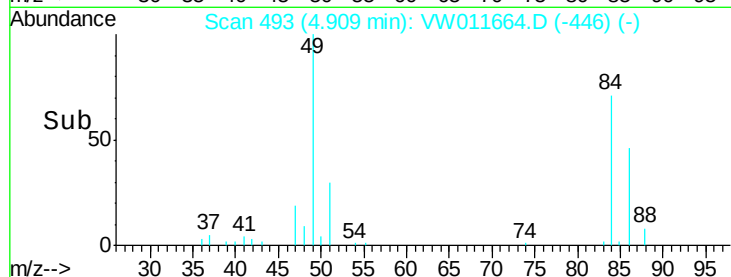
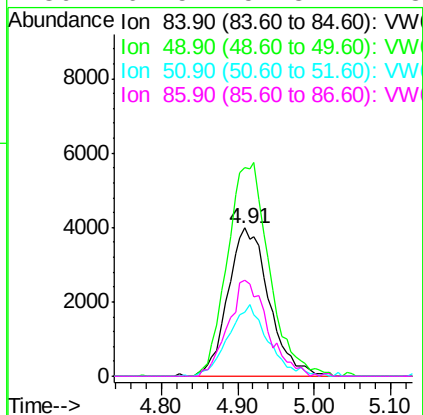
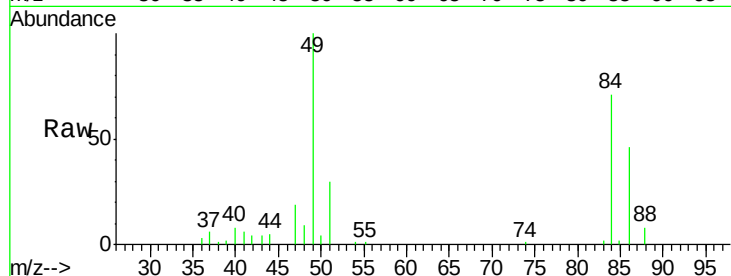




#20
Methvlene Chloride
Concen: 5.465 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011664.D
Acq: 03 Aug 2019 14:30

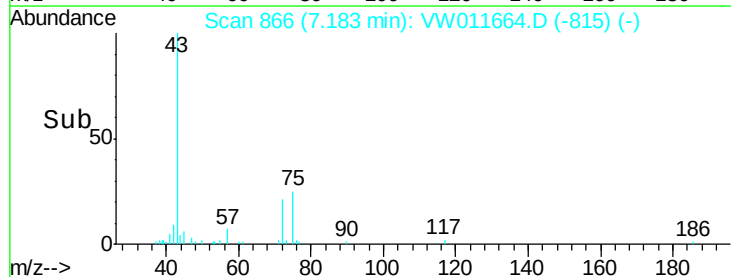
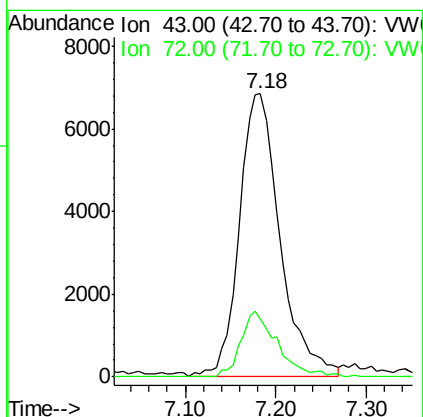
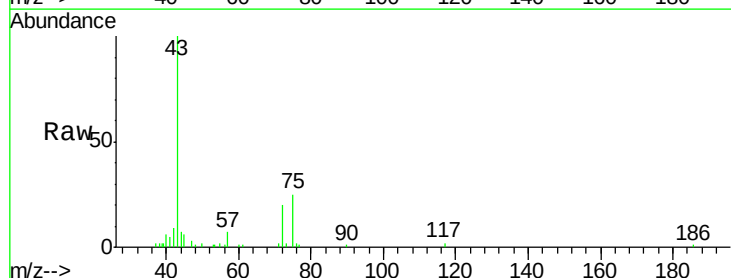
Instrument :
MSVOA_W
ClientSampleId :
2S-H2-(0-1)

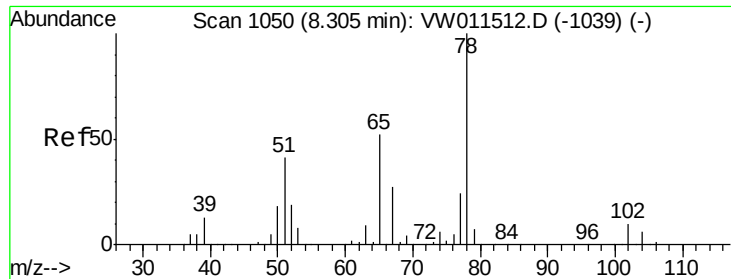
Tot Ion:	84	Resp:	14858
Ion	Ratio	Lower	Upper
84	100		
49	140.4	117.8	176.6
51	42.7	37.0	55.4
86	64.5	51.8	77.8



#25
2-Butanone
Concen: 20.658 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW011664.D
Acq: 03 Aug 2019 14:30

Tgt Ion:	43	Resp:	21310
Ion	Ratio	Lower	Upper
43	100		
72	20.4	16.6	24.8





#33

1,2-Dichloroethane-d4

Concen: 56.958 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011664.D

Acq: 03 Aug 2019 14:30

Instrument :

MSVOA_W

ClientSampleId :

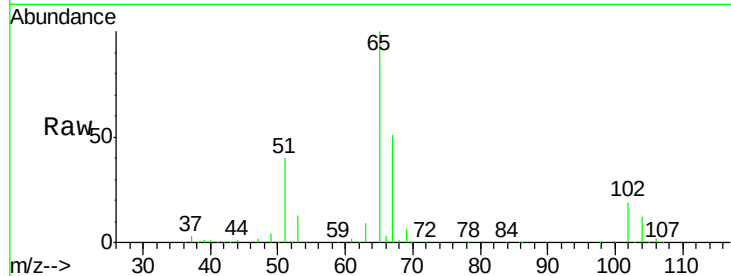
2S-H2-(0-1)

Tot Ion: 65 Resp: 141158

Ion Ratio Lower Upper

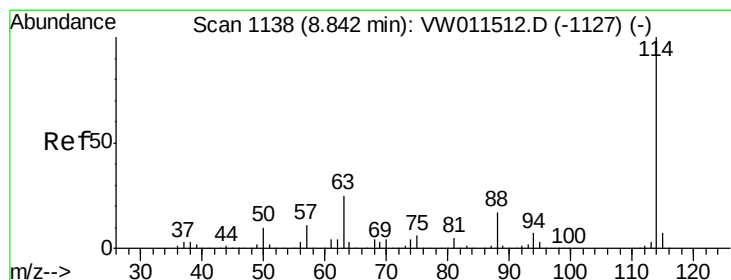
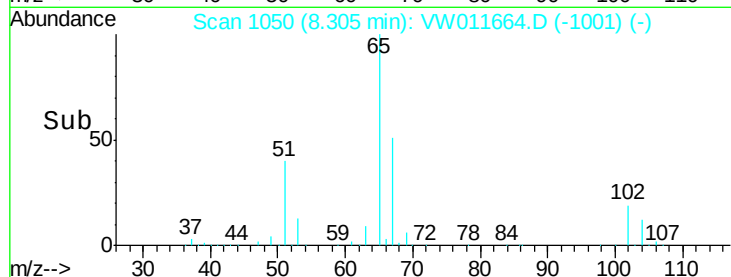
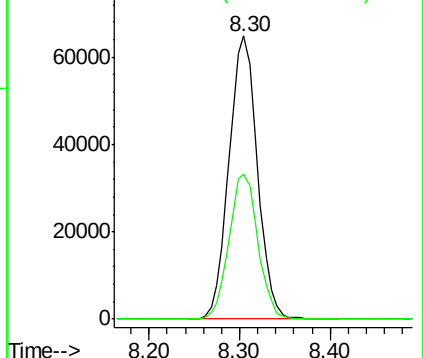
65 100

67 52.0 0.0 105.2



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: VW011664.D

Acq: 03 Aug 2019 14:30

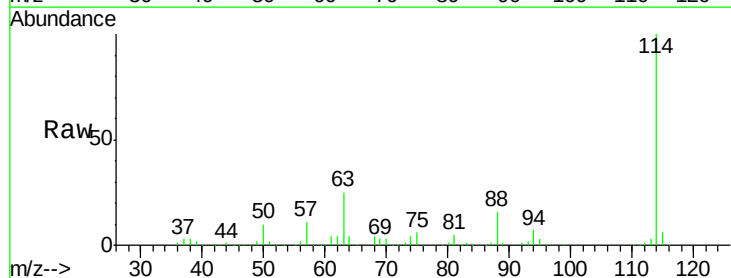
Tgt Ion: 114 Resp: 360552

Ion Ratio Lower Upper

114 100

63 25.2 0.0 49.2

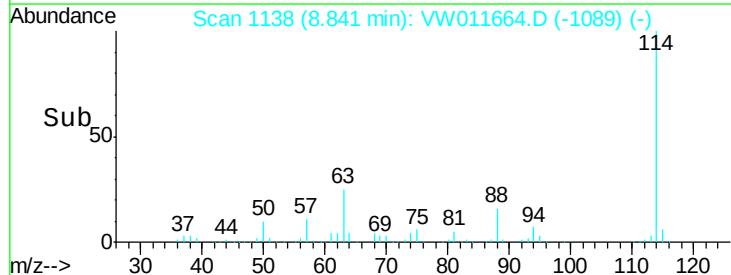
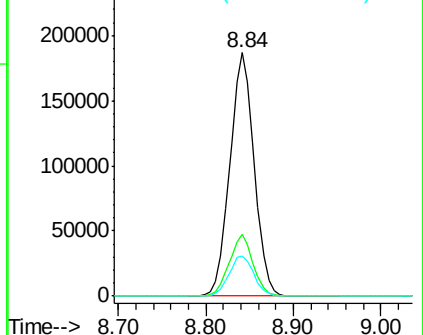
88 16.2 0.0 33.8

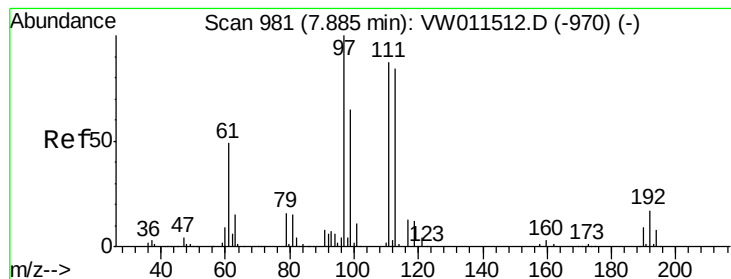


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 54.731 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW011664.D

Acq: 03 Aug 2019 14:30

Instrument :

MSVOA_W

ClientSampleId :

2S-H2-(0-1)

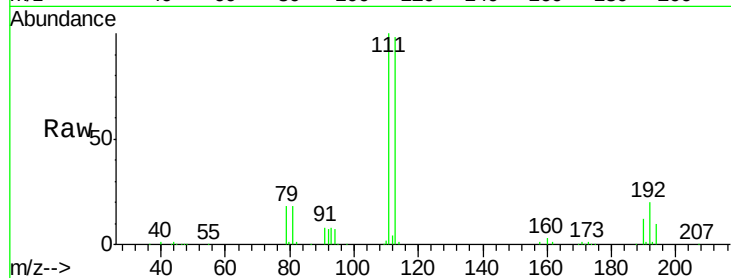
Tot Ion:113 Resp: 110708

Ion Ratio Lower Upper

113 100

111 102.3 82.7 124.1

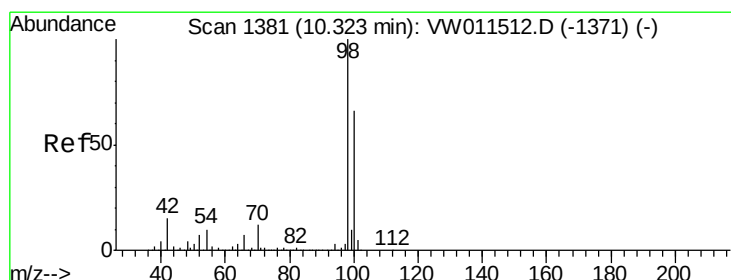
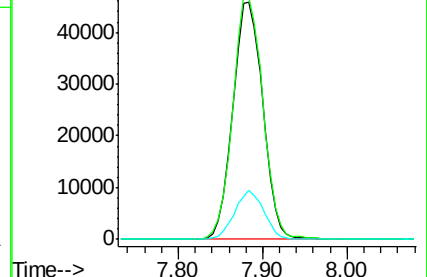
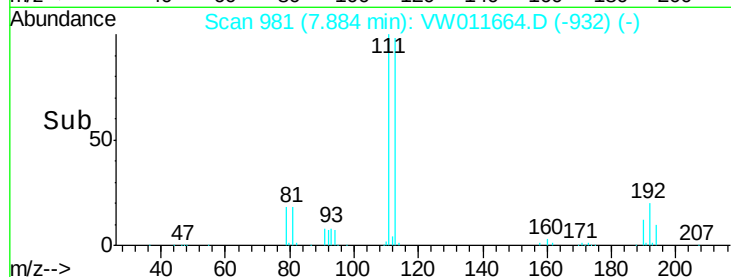
192 20.0 16.1 24.1



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: 53.736 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011664.D

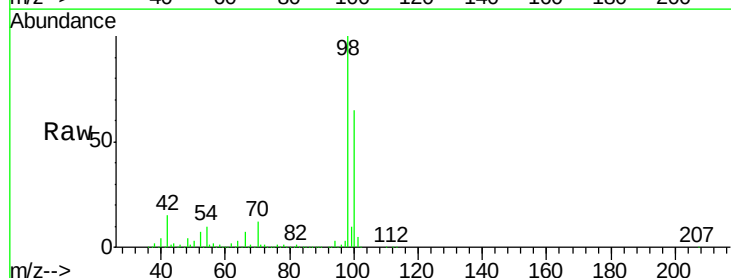
Acq: 03 Aug 2019 14:30

Tgt Ion: 98 Resp: 445028

Ion Ratio Lower Upper

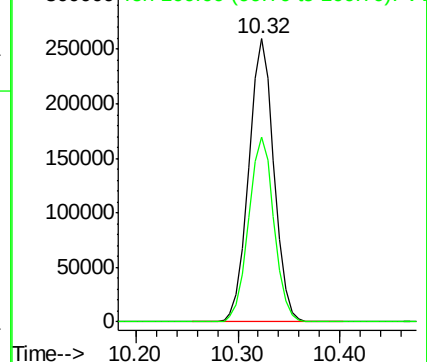
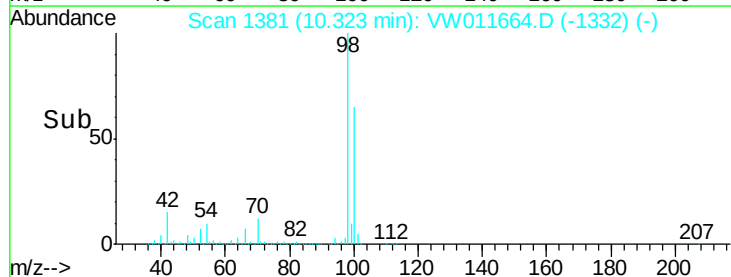
98 100

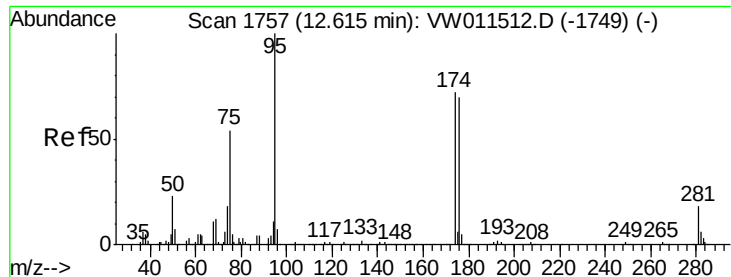
100 65.8 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 46.354 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011664.D

Acq: 03 Aug 2019 14:30

Instrument :

MSVOA_W

ClientSampled :

2S-H2-(0-1)

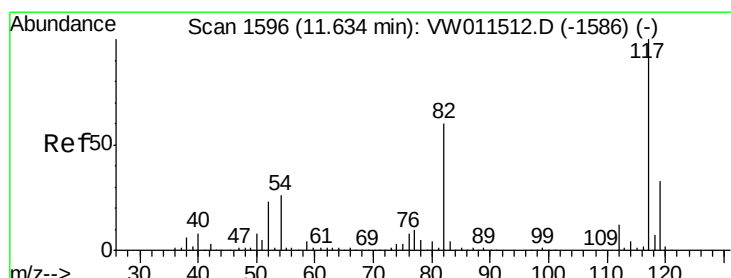
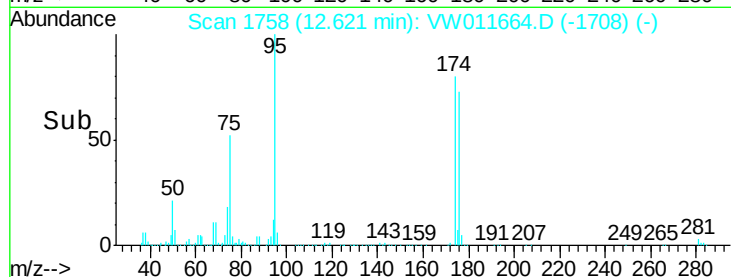
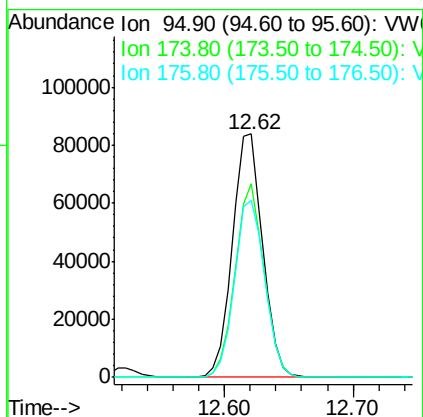
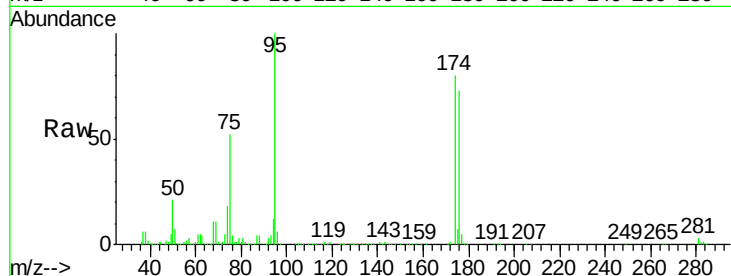
Tot Ion: 95 Resp: 136865

Ion Ratio Lower Upper

95 100

174 75.8 0.0 150.2

176 72.9 0.0 144.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW011664.D

Acq: 03 Aug 2019 14:30

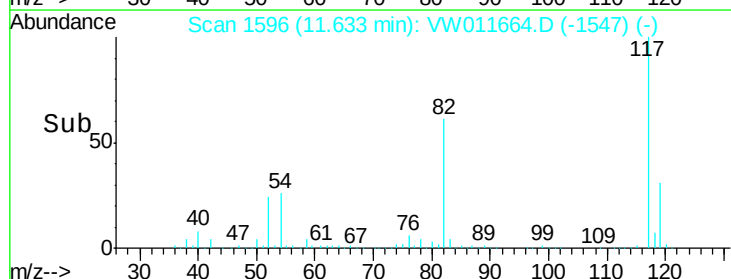
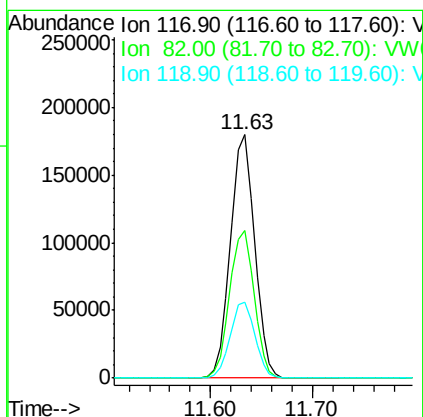
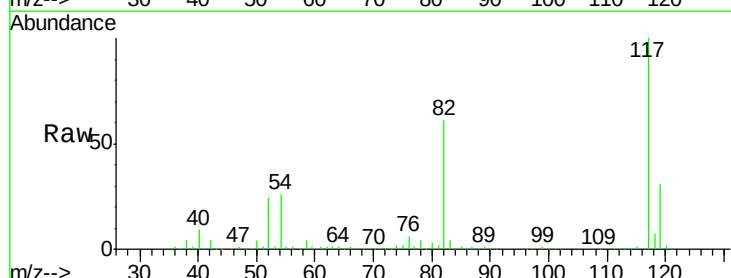
Tgt Ion: 117 Resp: 295589

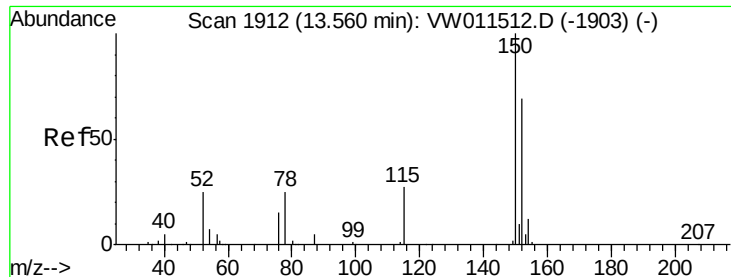
Ion Ratio Lower Upper

117 100

82 60.8 47.9 71.9

119 31.0 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW011664.D

Acq: 03 Aug 2019 14:30

Instrument :

MSVOA_W

ClientSampleId :

2S-H2-(0-1)

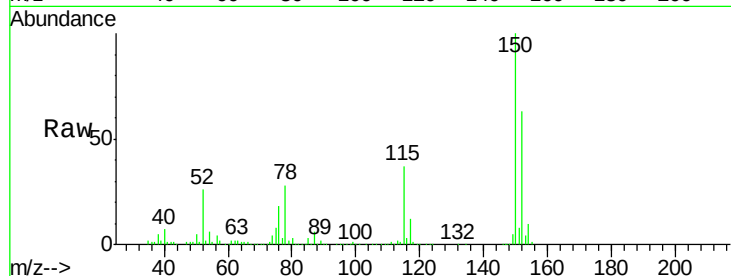
Tot Ion:152 Resp: 115993

Ion Ratio Lower Upper

152 100

115 60.0 30.5 91.5

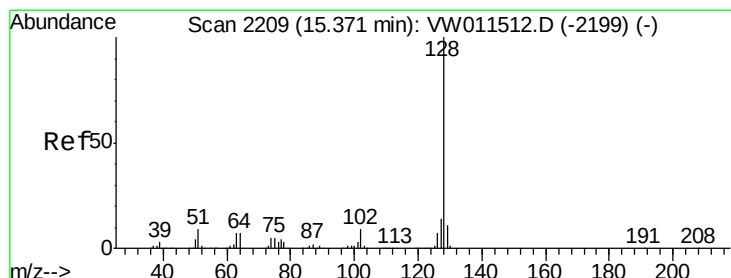
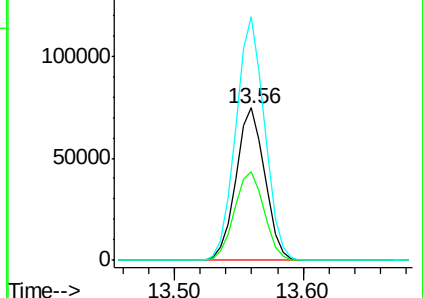
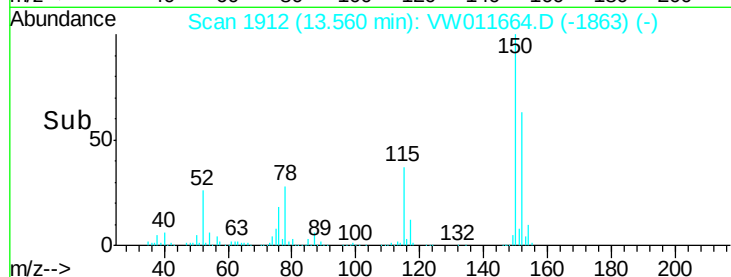
150 158.9 0.0 352.6



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



#95

Naphthalene

Concen: 9.491 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.01 min

Lab File: VW011664.D

Acq: 03 Aug 2019 14:30

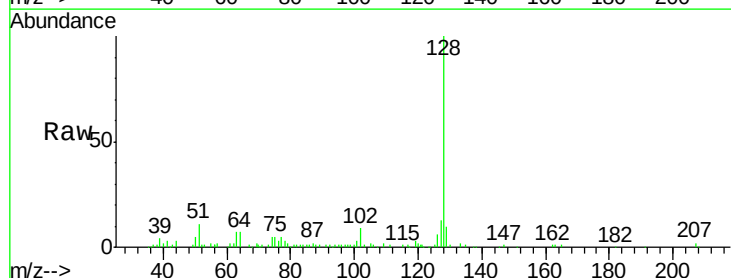
Tgt Ion:128 Resp: 35467

Ion Ratio Lower Upper

128 100

127 13.8 10.6 16.0

129 11.1 8.6 13.0



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

