

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071318\
 Data File : VW003941.D
 Acq On : 14 Jul 2018 02:39
 Operator : VA/AP
 Sample : J3958-01
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CS-STONE

Manual Integrations
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 7/16/2018 10:43:49 AM

Quant Time: Jul 14 04:26:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	209131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	366910	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	327666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	156026	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	125062	45.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.46%	
35) Dibromofluoromethane	7.88	113	107574	41.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.78%	
50) Toluene-d8	10.33	98	392048	39.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.82%	
62) 4-Bromofluorobenzene	12.62	95	133382	37.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.06%	
Target Compounds						
16) Acetone	4.15	43	2863m	6.03	ug/l	Qvalue
20) Methylene Chloride	4.90	84	22257	5.74	ug/l	98

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

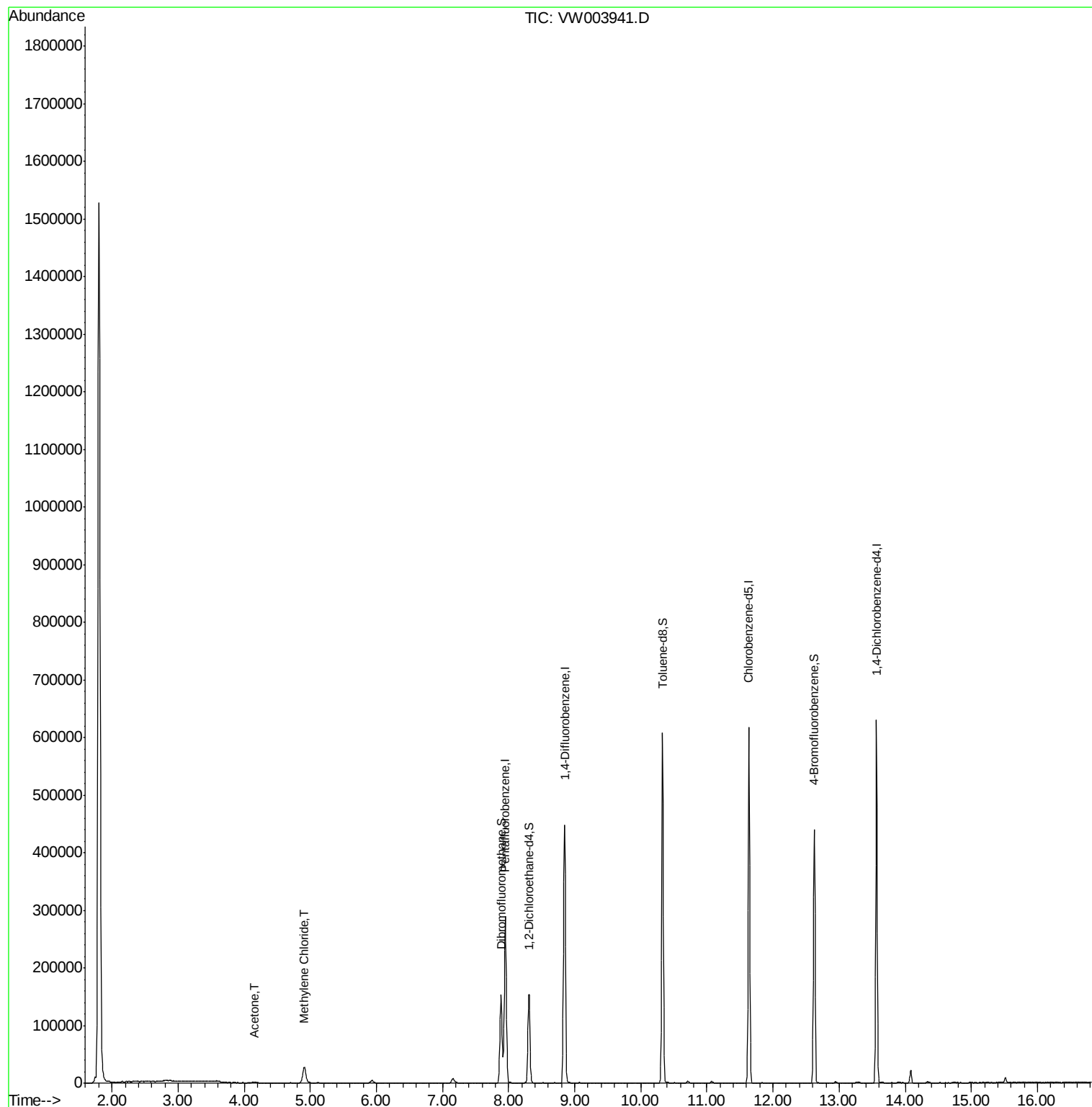
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071318\
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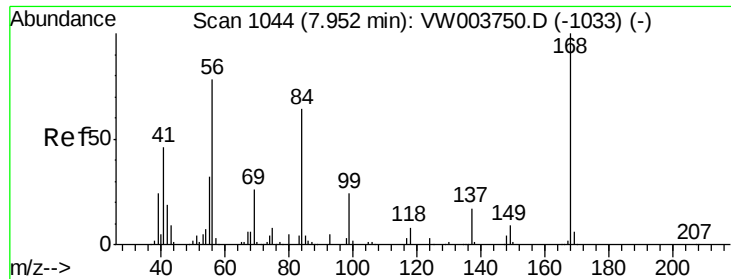
Instrument :
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Quant Title : SW846 8260
QLast Update : Sat Jul 07 05:07:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003941.D

Acq: 14 Jul 2018 02:39

Instrument :

MSVOA_W

ClientSampled :

CS-STONE

Tot Ion:168 Resp: 209131

Ion Ratio Lower Upper

168 100

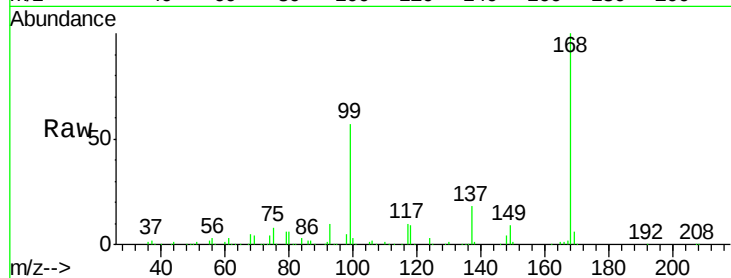
99 56.9 45.0 67.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

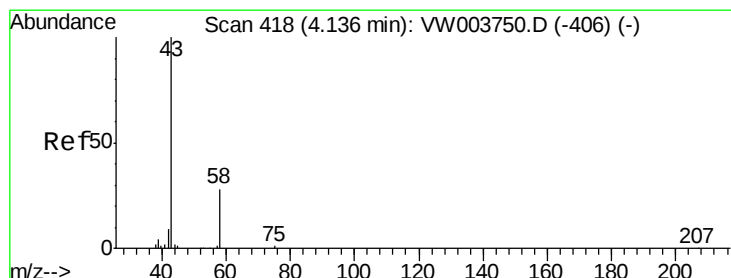
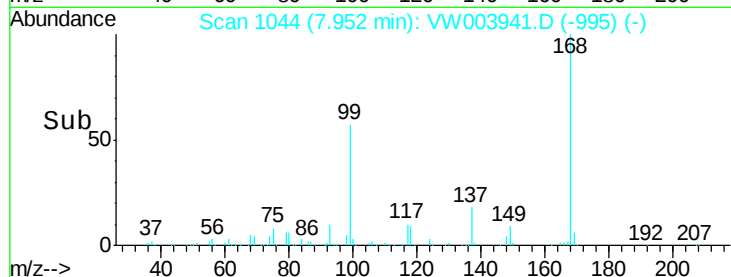
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 6.03 ug/l m

RT: 4.15 min Scan# 421

Delta R.T. 0.02 min

Lab File: VW003941.D

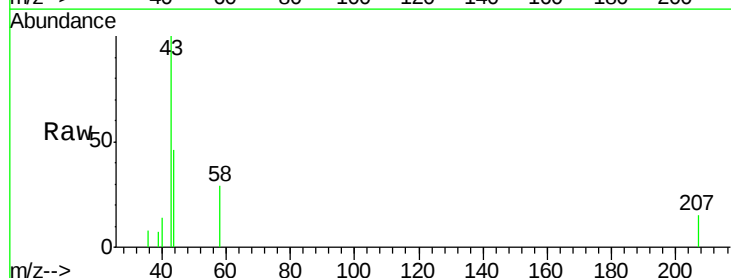
Acq: 14 Jul 2018 02:39

Tgt Ion: 43 Resp: 2863

Ion Ratio Lower Upper

43 100

58 29.3 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

1000

800

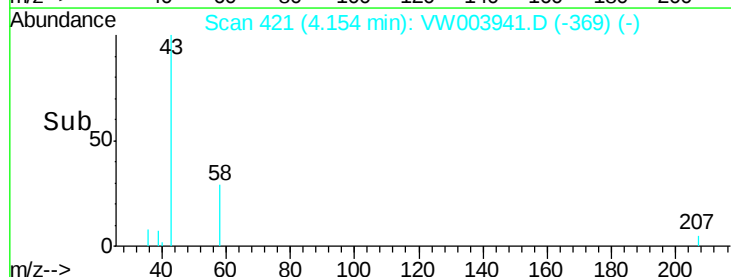
600

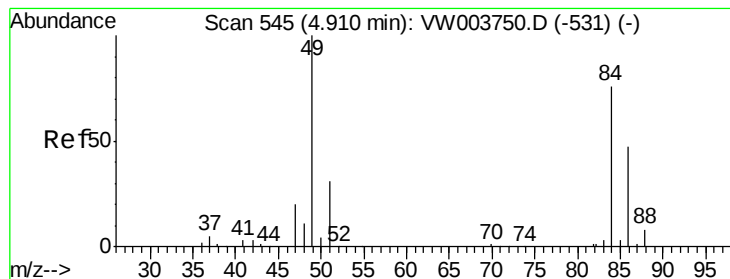
400

200

0

Time--> 4.10 4.20





#20

Methvlene Chloride

Concen: 5.74 ug/l

RT: 4.90 min Scan# 544

Delta R.T. -0.01 min

Lab File: VW003941.D

Acq: 14 Jul 2018 02:39

Instrument :

MSVOA_W

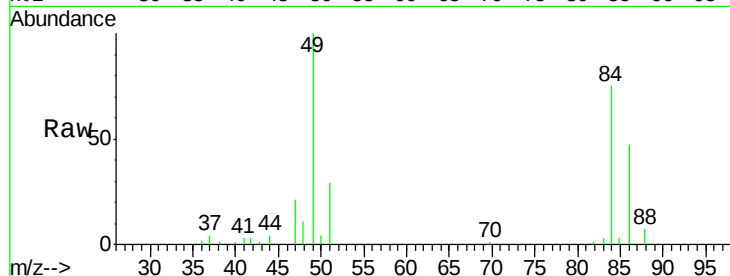
ClientSampled :

CS-STONE

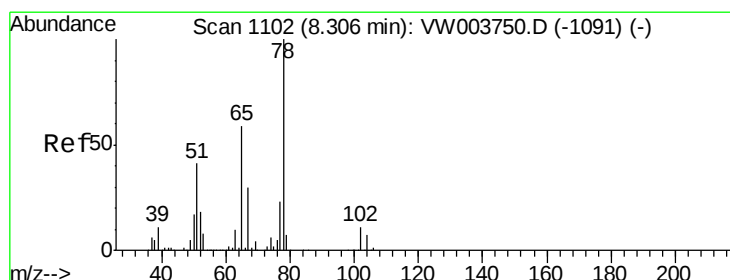
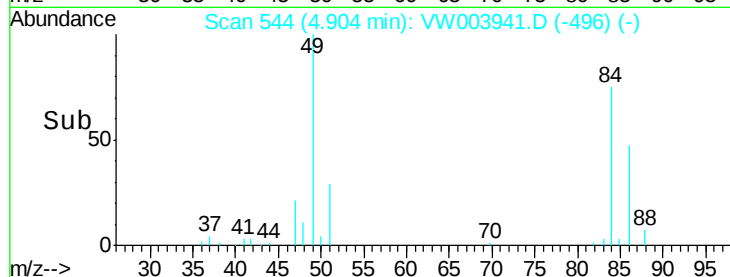
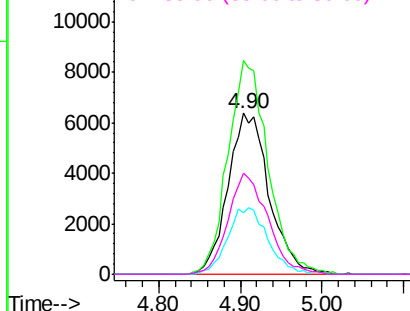
Tot Ion:	84	Resp:	22257
Ion	Ratio	Lower	Upper
84	100		
49	132.6	105.1	157.7
51	38.2	32.5	48.7
86	62.9	49.8	74.6

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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: 45.73 ug/l

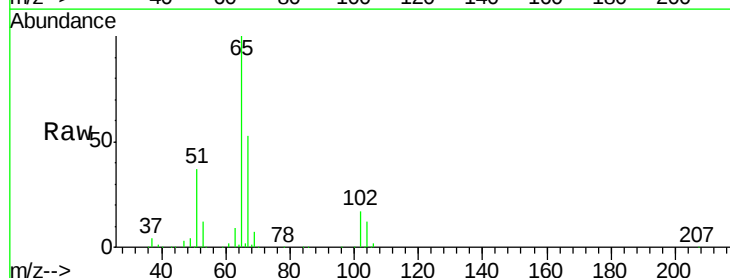
RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

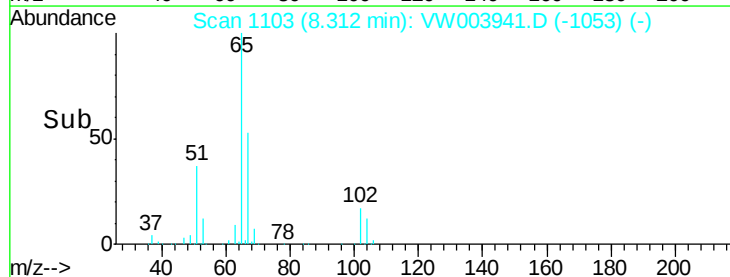
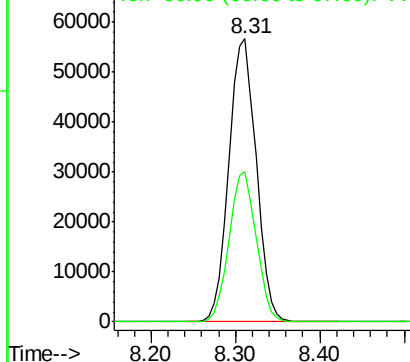
Lab File: VW003941.D

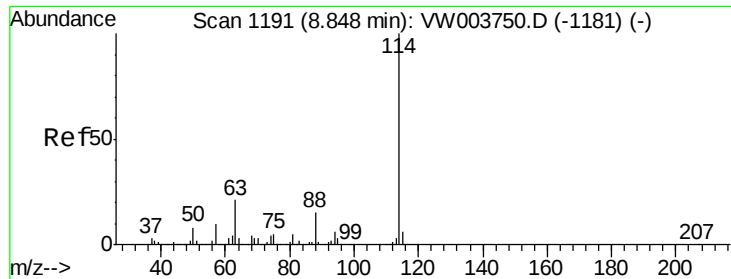
Acq: 14 Jul 2018 02:39

Tgt Ion:	65	Resp:	125062
Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	103.8



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW





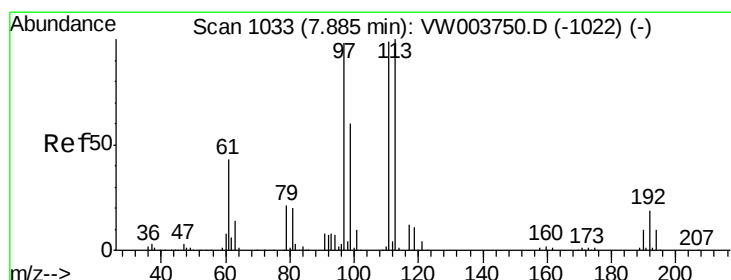
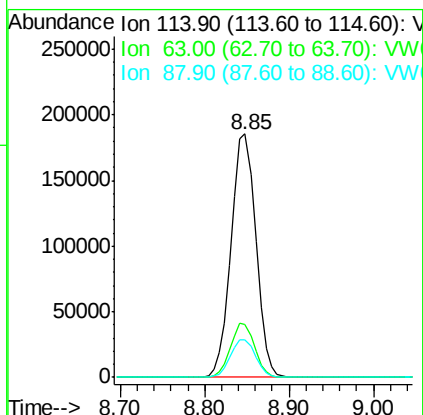
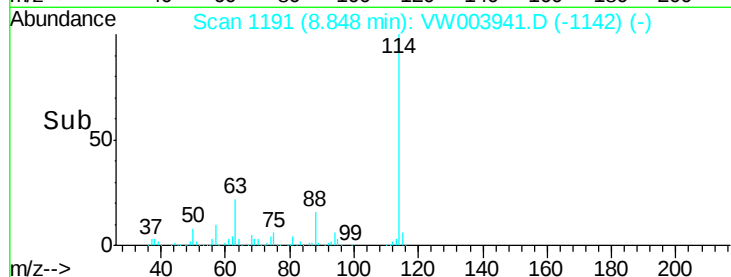
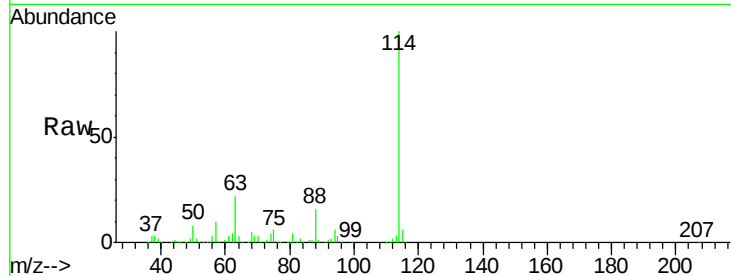
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003941.D
 Acq: 14 Jul 2018 02:39

Instrument :
 MSVOA_W
 ClientSampleId :
 CS-STONE

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	21.8	0.0	41.8
88	15.6	0.0	30.2

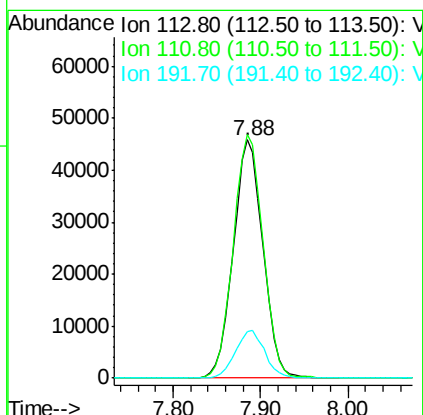
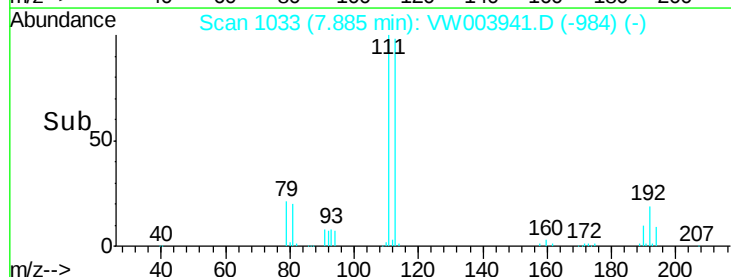
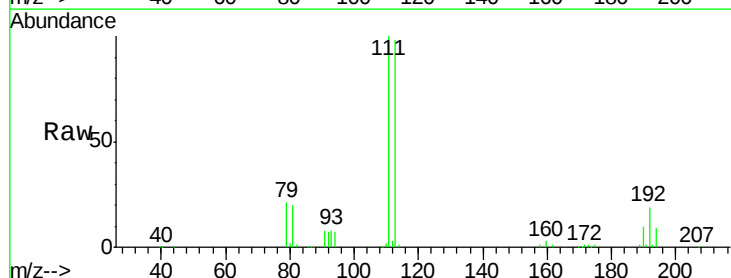
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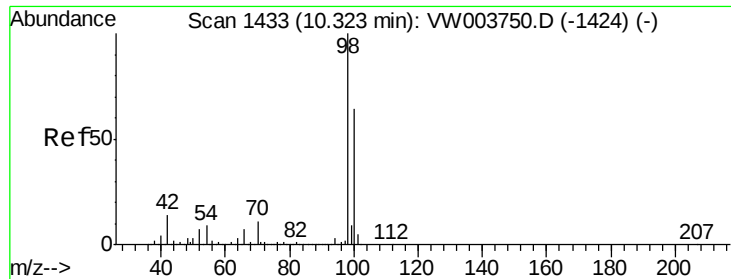
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#35
 Dibromofluoromethane
 Concen: 41.89 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003941.D
 Acq: 14 Jul 2018 02:39

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	103.0	81.7	122.5
192	19.8	15.8	23.8





#50

Toluene-d8

Concen: 39.91 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW003941.D

Acq: 14 Jul 2018 02:39

Instrument :

MSVOA_W

ClientSampleId :

CS-STONE

Tot Ion: 98 Resp: 392048

Ion Ratio Lower Upper

98 100

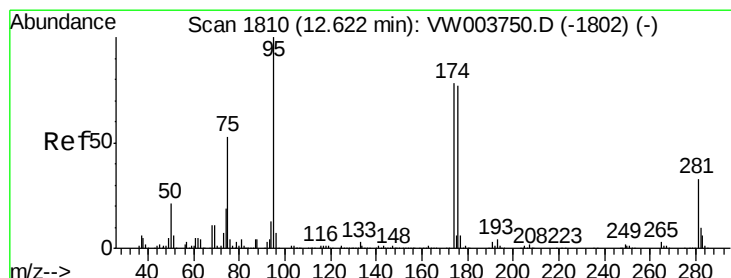
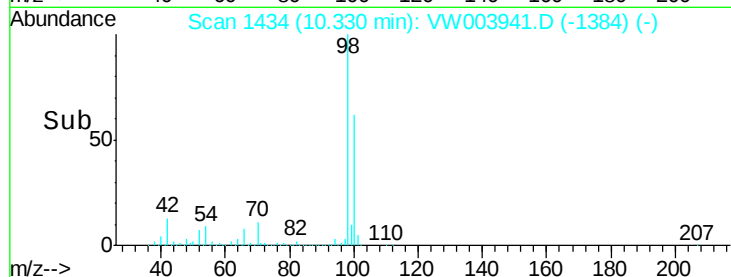
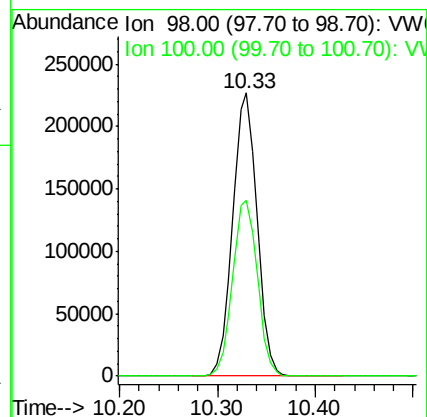
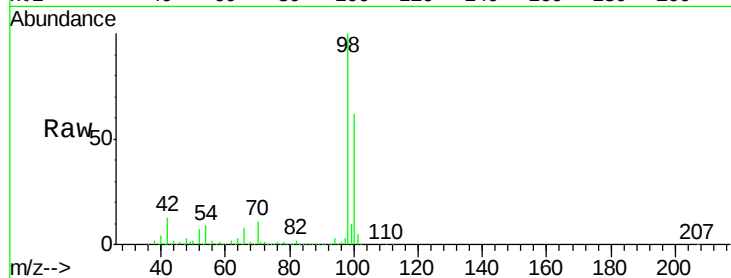
100 63.1 50.8 76.2

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#62

4-Bromofluorobenzene

Concen: 37.53 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW003941.D

Acq: 14 Jul 2018 02:39

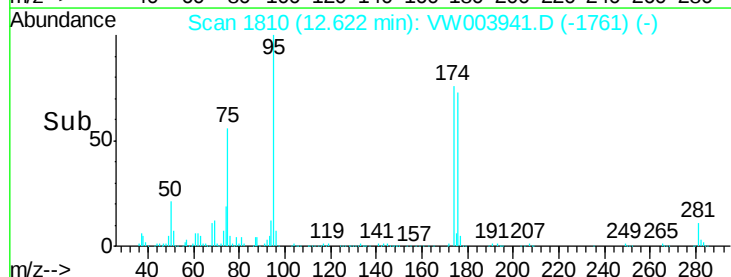
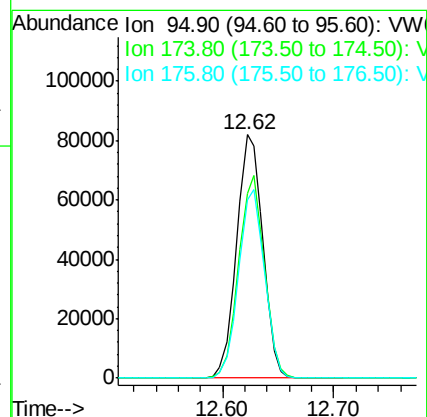
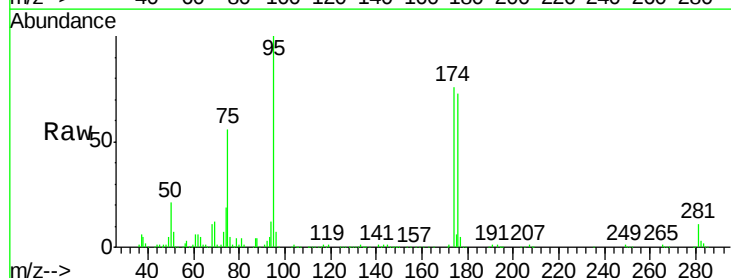
Tgt Ion: 95 Resp: 133382

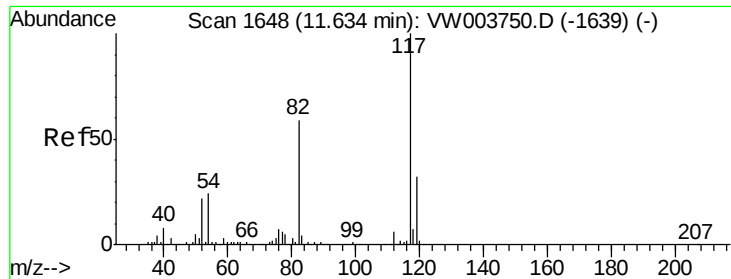
Ion Ratio Lower Upper

95 100

174 81.7 0.0 163.4

176 76.8 0.0 156.8





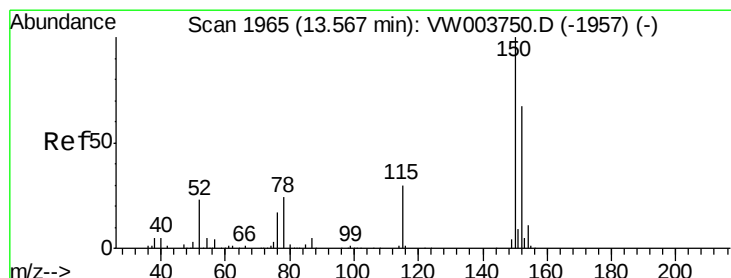
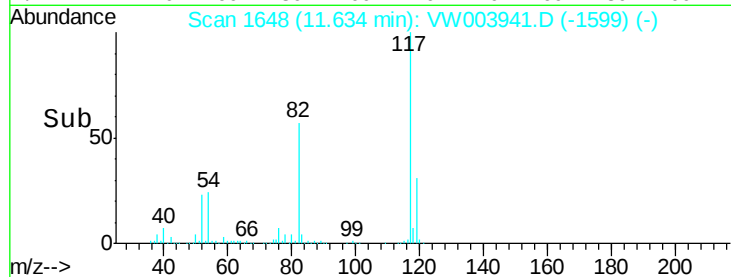
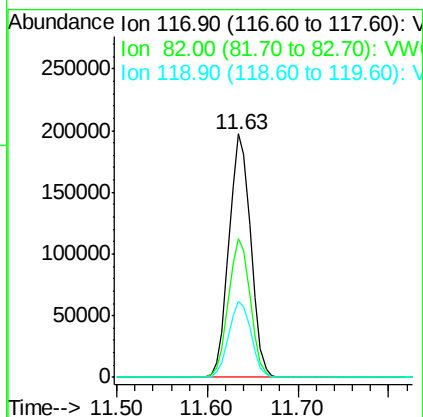
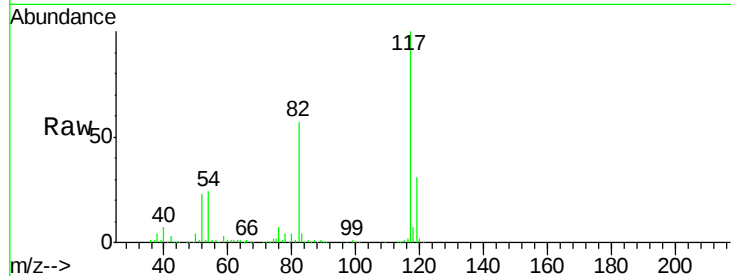
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003941.D
Acq: 14 Jul 2018 02:39

Instrument :
MSVOA_W
ClientSampled :
CS-STONE

Tot Ion	Ratio	Resp	Lower	Upper
117	100	327666		
82	57.2	46.9	70.3	
119	31.4	25.5	38.3	

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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003941.D
Acq: 14 Jul 2018 02:39

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	156026		
115	59.0	28.9	86.8	
150	156.8	0.0	342.4	

