

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091718\
 Data File : VW005468.D
 Acq On : 18 Sep 2018 08:24
 Operator : SY/AP
 Sample : J4936-23
 Misc : 5.18G/5ML/MSVOA W/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PHASE-1

Quant Time: Sep 18 11:57:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

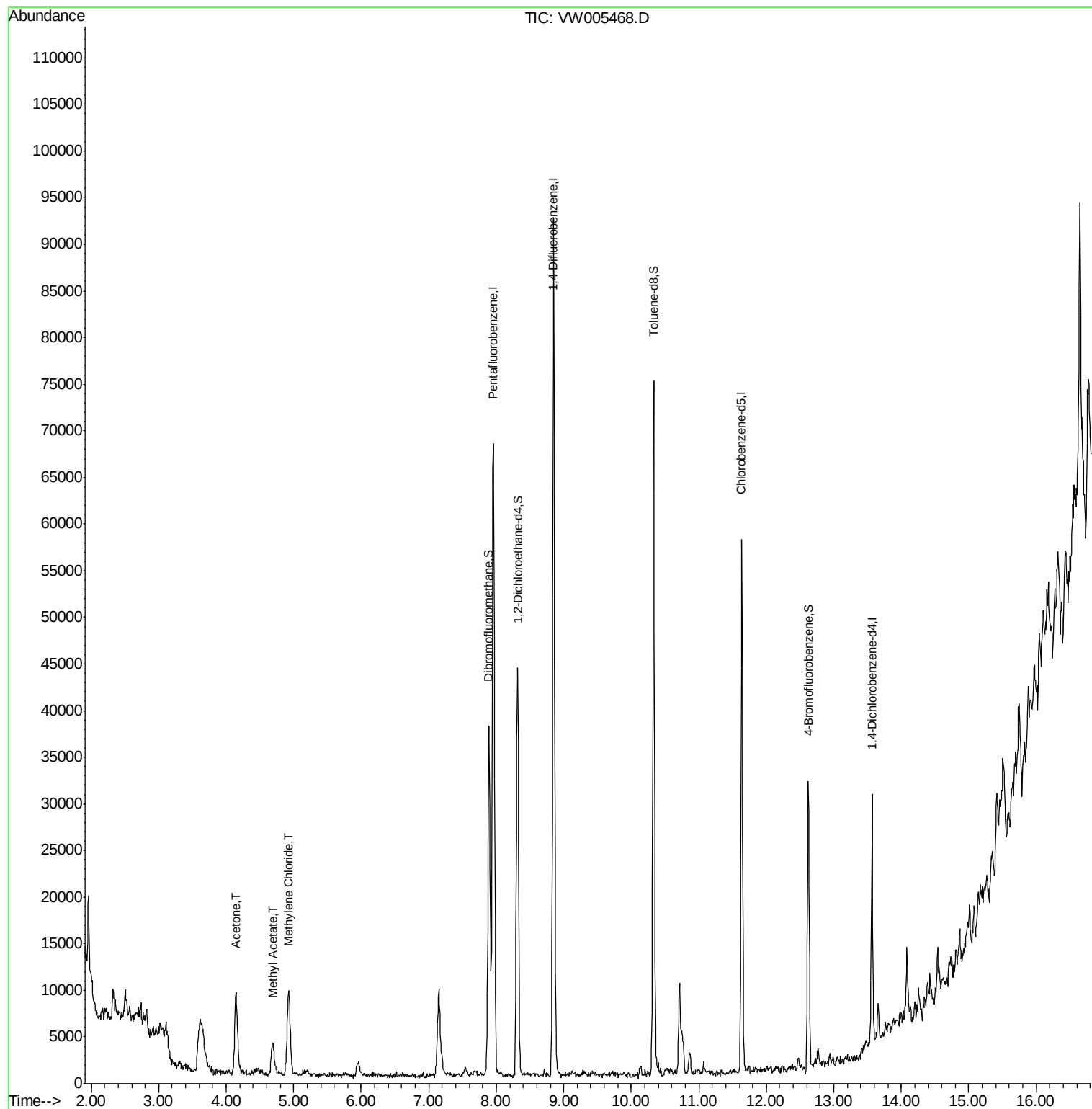
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	51112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	75057	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	31745	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	6098	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.32	65	35233	66.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	132.82%	
35) Dibromofluoromethane	7.89	113	25891	61.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.04%	
50) Toluene-d8	10.33	98	48768	25.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	50.60%	
62) 4-Bromofluorobenzene	12.62	95	7158	10.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	20.26%	
Target Compounds						
16) Acetone	4.15	43	16283	210.58	ug/l	99
18) Methyl Acetate	4.68	43	7615	29.87	ug/l	93
20) Methylene Chloride	4.93	84	6964	8.46	ug/l	95

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005468.D

Acq: 18 Sep 2018 08:24

Instrument :

MSVOA_W

ClientSampleId :

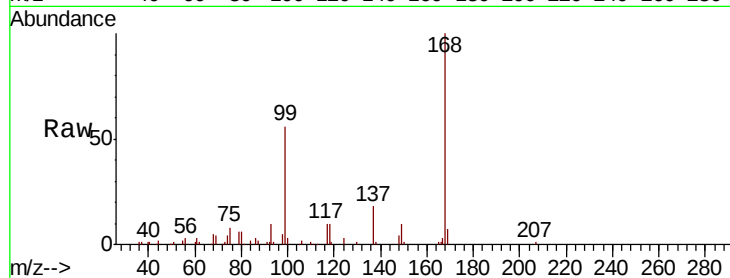
PHASE-1

Tot Ion:168 Resp: 51112

Ion Ratio Lower Upper

168 100

99 56.1 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

25000

20000

15000

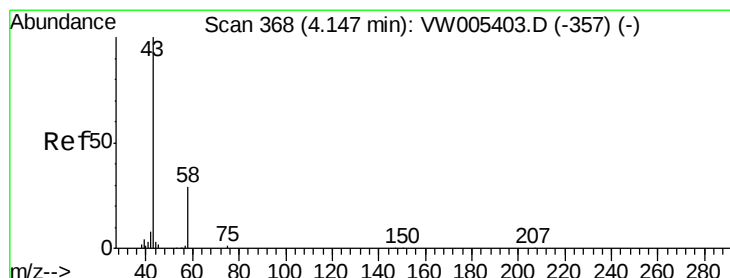
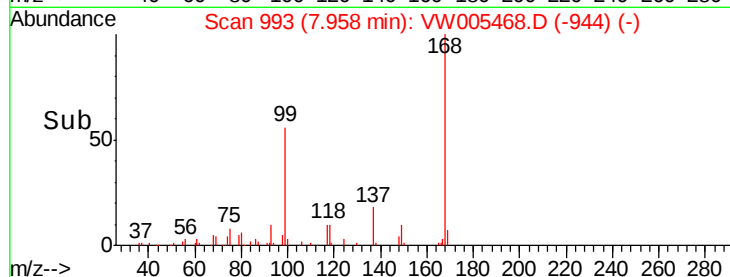
10000

5000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 210.58 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW005468.D

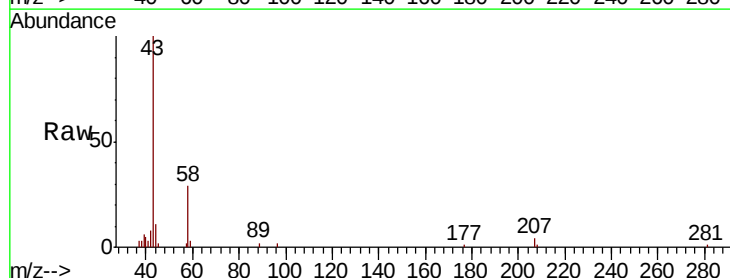
Acq: 18 Sep 2018 08:24

Tgt Ion: 43 Resp: 16283

Ion Ratio Lower Upper

43 100

58 28.8 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

6000

5000

4000

3000

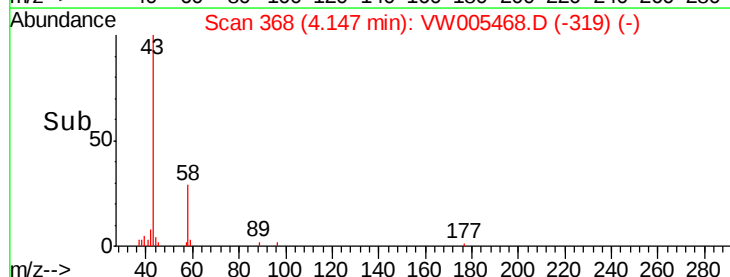
2000

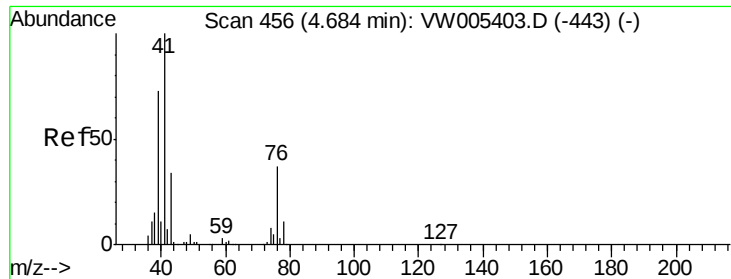
1000

0

4.00 4.10 4.20

Time-->

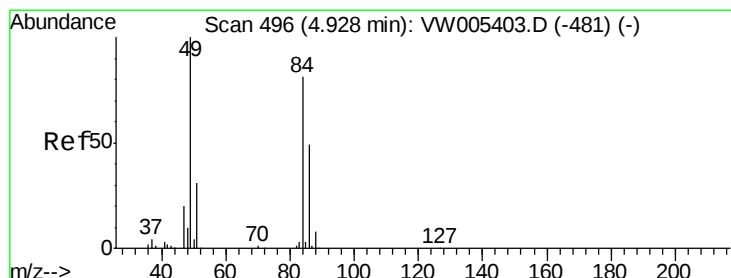
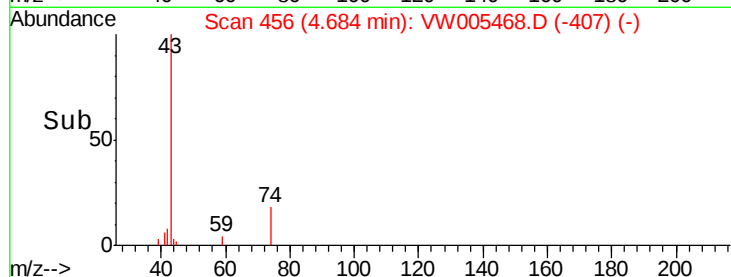
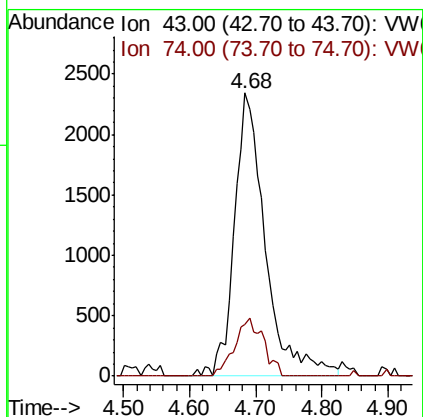
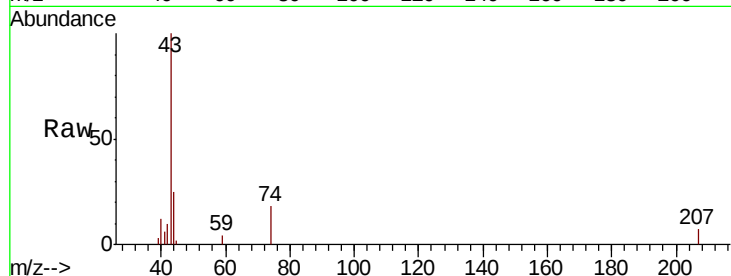




#18
Methyl Acetate
Concen: 29.87 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.00 min
Lab File: VW005468.D
Acq: 18 Sep 2018 08:24

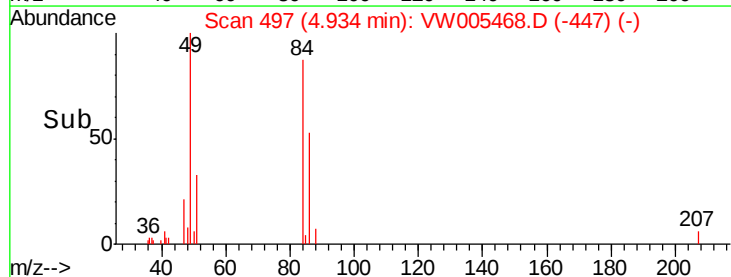
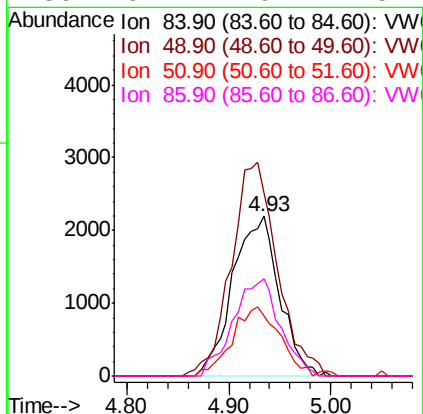
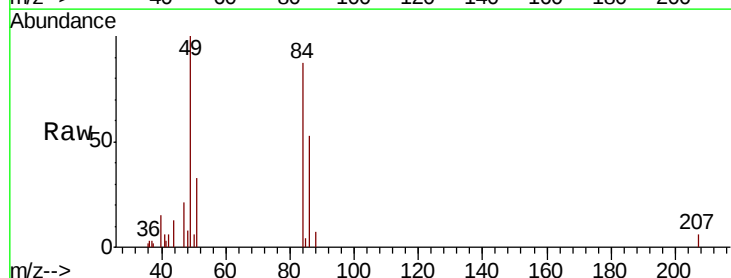
Instrument :
MSVOA_W
ClientSampled :
PHASE-1

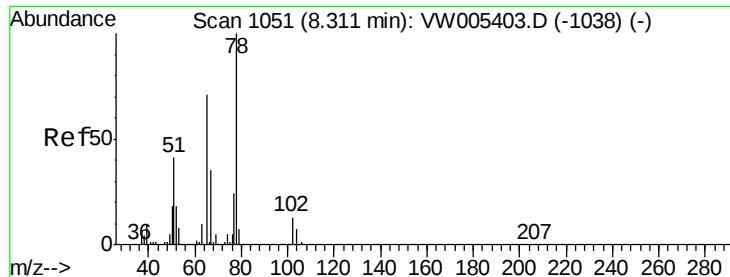
Tot Ion: 43 Resp: 7615
Ion Ratio Lower Upper
43 100
74 18.9 17.7 26.5



#20
Methylene Chloride
Concen: 8.46 ug/l
RT: 4.93 min Scan# 497
Delta R.T. 0.01 min
Lab File: VW005468.D
Acq: 18 Sep 2018 08:24

Tgt Ion: 84 Resp: 6964
Ion Ratio Lower Upper
84 100
49 114.8 99.3 148.9
51 37.7 31.1 46.7
86 61.2 49.1 73.7





#33

1,2-Dichloroethane-d4

Concen: 66.41 ug/l

RT: 8.32 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VW005468.D

Acq: 18 Sep 2018 08:24

Instrument :

MSVOA_W

ClientSampleId :

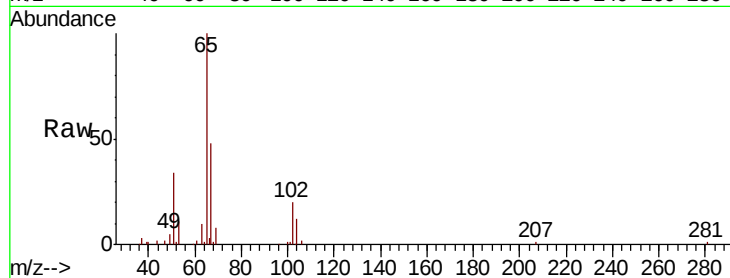
PHASE-1

Tot Ion: 65 Resp: 35233

Ion Ratio Lower Upper

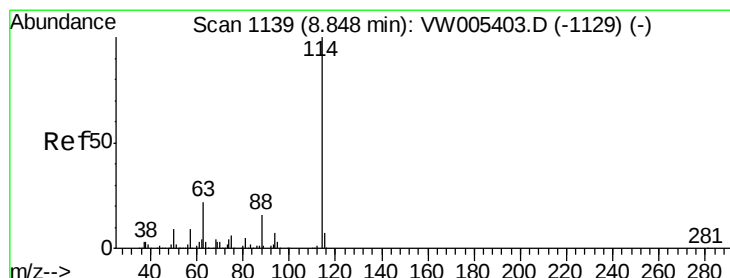
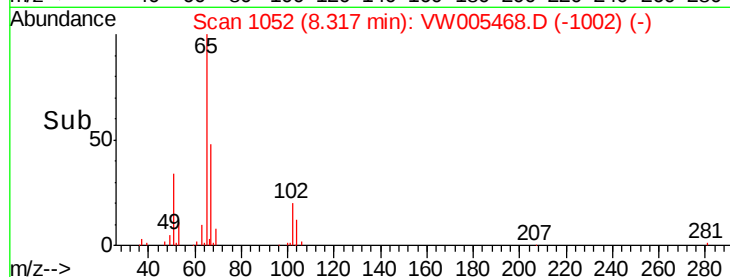
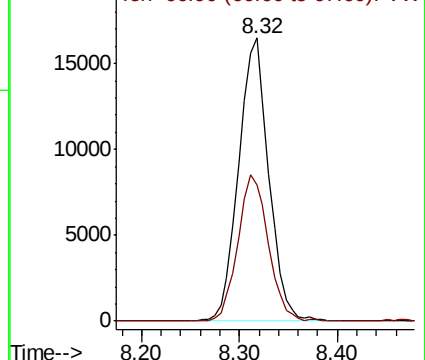
65 100

67 52.3 0.0 100.6



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# 1139

Delta R.T. 0.00 min

Lab File: VW005468.D

Acq: 18 Sep 2018 08:24

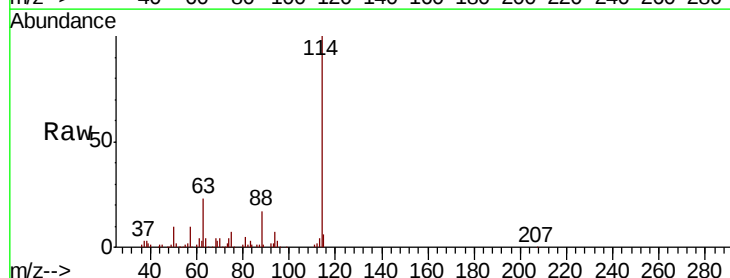
Tgt Ion: 114 Resp: 75057

Ion Ratio Lower Upper

114 100

63 23.4 0.0 43.4

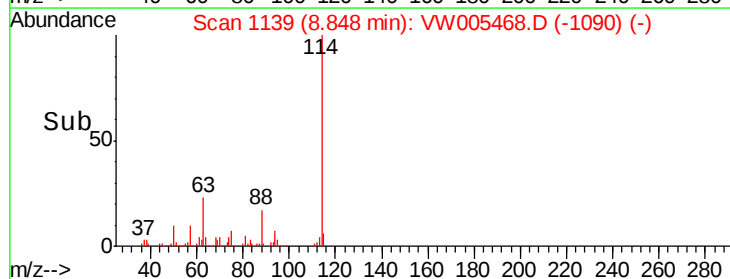
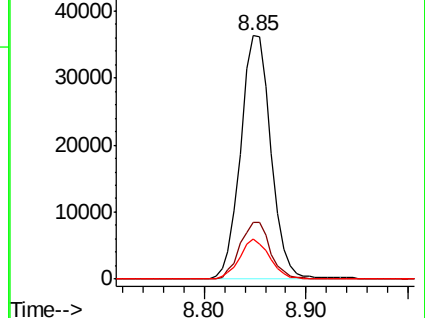
88 16.7 0.0 31.8

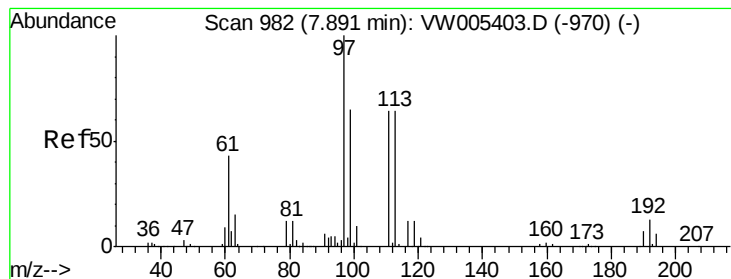


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 61.52 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW005468.D

Acq: 18 Sep 2018 08:24

Instrument :

MSVOA_W

ClientSampleId :

PHASE-1

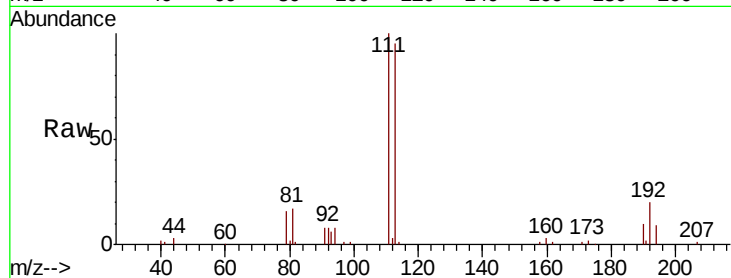
Tot Ion:113 Resp: 25891

Ion Ratio Lower Upper

113 100

111 106.9 82.3 123.5

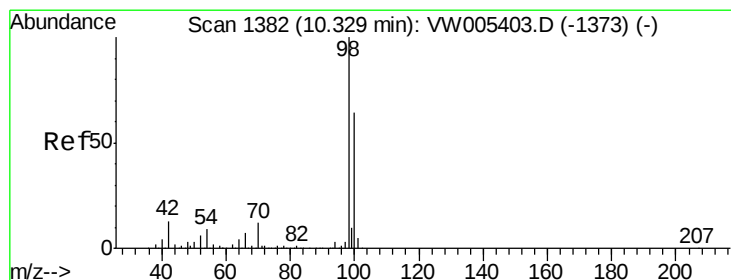
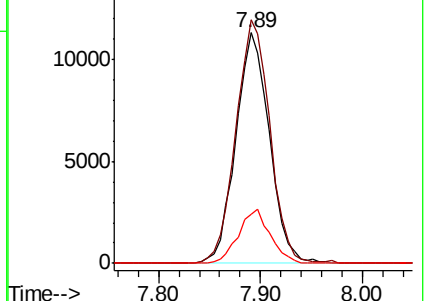
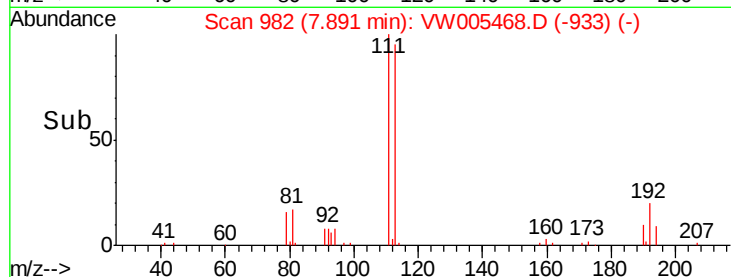
192 21.9 16.5 24.7



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: 25.30 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005468.D

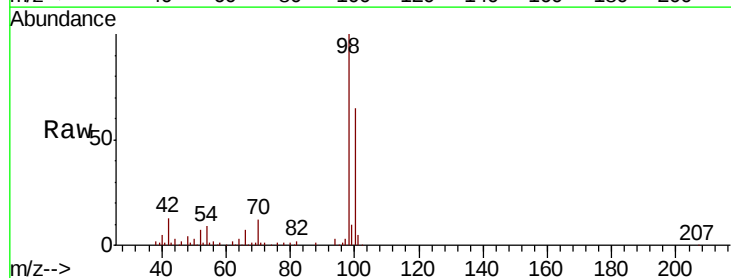
Acq: 18 Sep 2018 08:24

Tgt Ion: 98 Resp: 48768

Ion Ratio Lower Upper

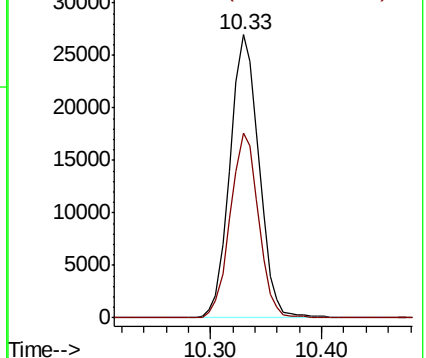
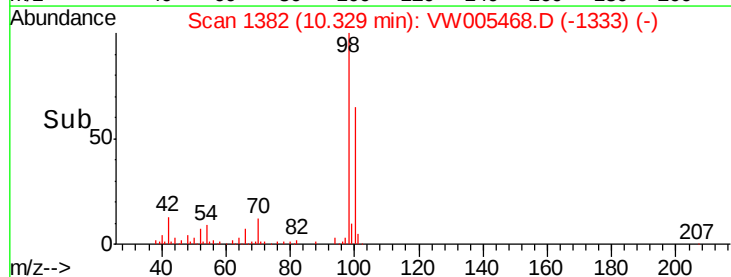
98 100

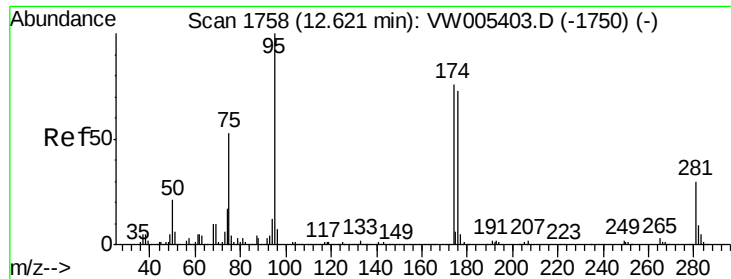
100 63.6 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

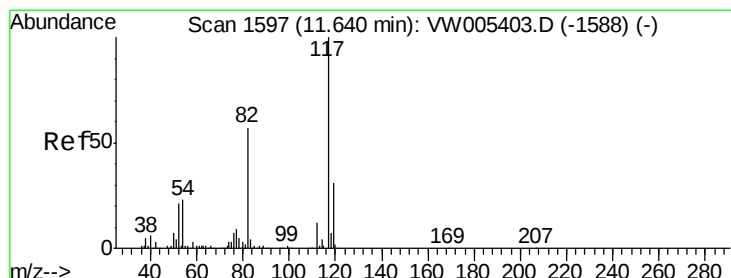
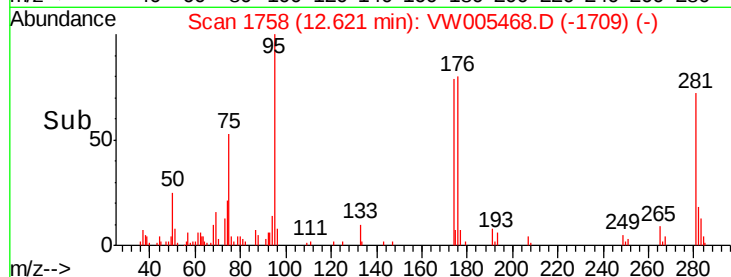
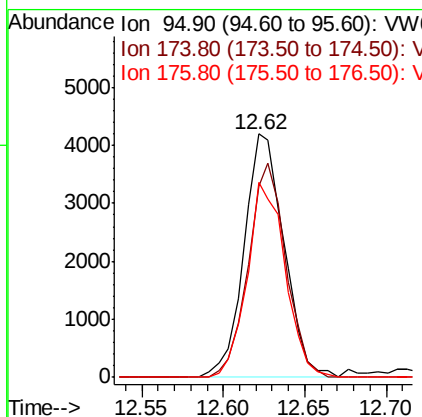
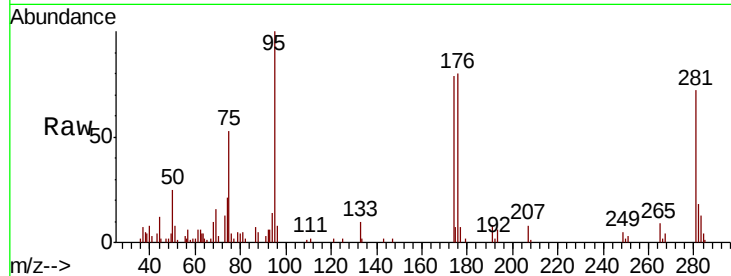




#62
4-Bromofluorobenzene
Concen: 10.13 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW005468.D
Acq: 18 Sep 2018 08:24

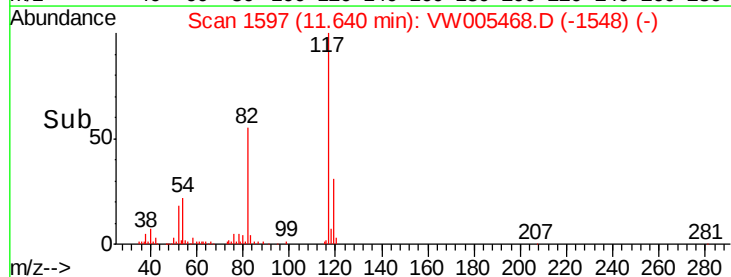
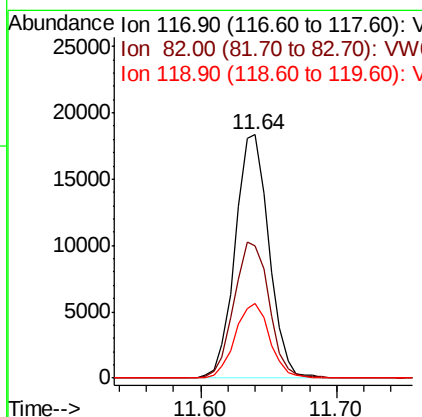
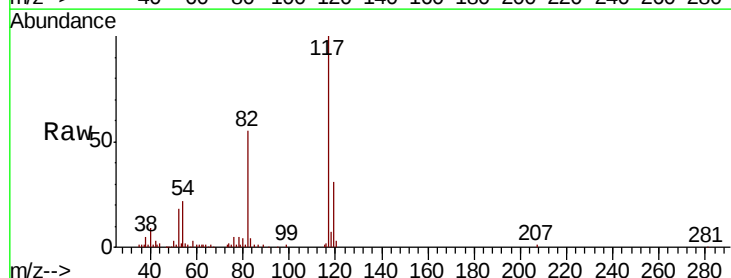
Instrument :
MSVOA_W
ClientSampled :
PHASE-1

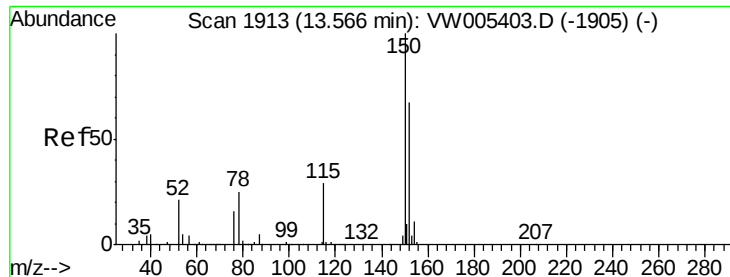
Tot Ion: 95 Resp: 7158
Ion Ratio Lower Upper
95 100
174 82.9 0.0 161.2
176 76.3 0.0 156.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VW005468.D
Acq: 18 Sep 2018 08:24

Tgt Ion: 117 Resp: 31745
Ion Ratio Lower Upper
117 100
82 54.6 45.9 68.9
119 30.6 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005468.D

Acq: 18 Sep 2018 08:24

Instrument :

MSVOA_W

ClientSampleId :

PHASE-1

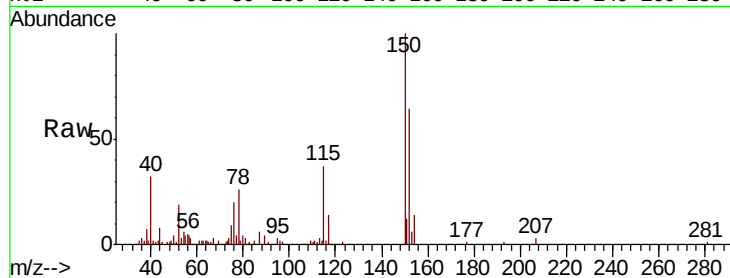
Tot Ion:152 Resp: 6098

Ion Ratio Lower Upper

152 100

115 60.5 29.5 88.5

150 166.1 0.0 345.6



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

