

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072318\
 Data File : VW004139.D
 Acq On : 23 Jul 2018 16:03
 Operator : SY/AP
 Sample : J4030-13
 Misc : 3.63G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB9-10

Quant Time: Jul 24 05:09:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

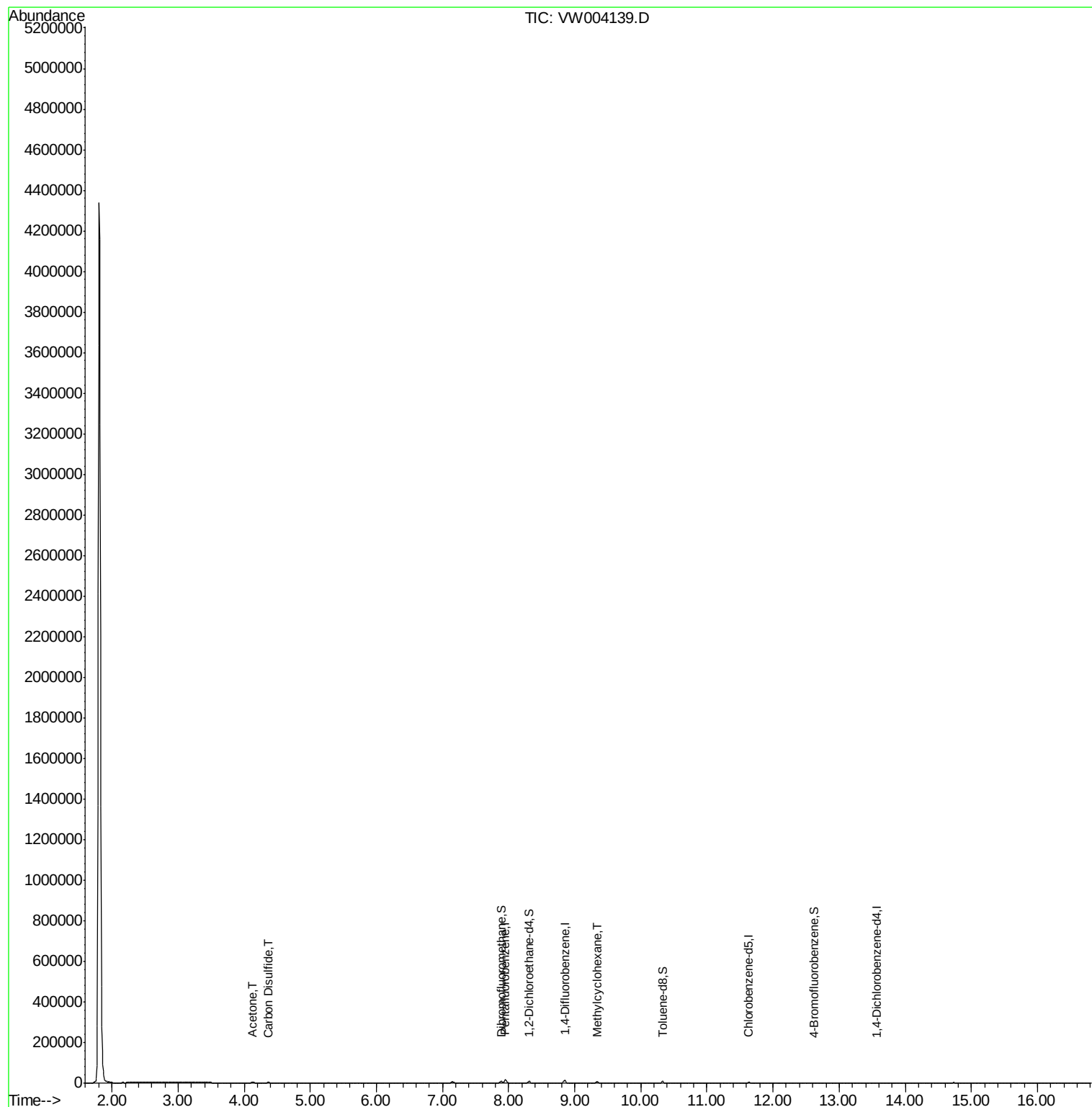
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	9584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	11923	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	3371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	478	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	6465	60.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.70%	
35) Dibromofluoromethane	7.88	113	6836	89.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	178.72%	
50) Toluene-d8	10.33	98	6334	21.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	42.68%	
62) 4-Bromofluorobenzene	12.62	95	567	5.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	10.60%	
Target Compounds						
16) Acetone	4.12	43	9680	376.02	ug/l	98
17) Carbon Disulfide	4.36	76	6115	21.03	ug/l	96
39) Methylcyclohexane	9.34	83	2489	17.33	ug/l #	73

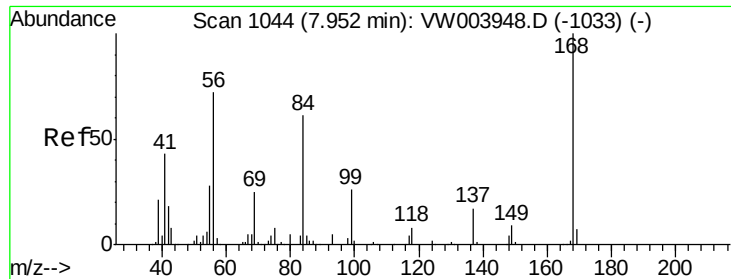
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 16 15:06:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW004139.D

Acq: 23 Jul 2018 16:03

Instrument :

MSVOA_W

ClientSampleId :

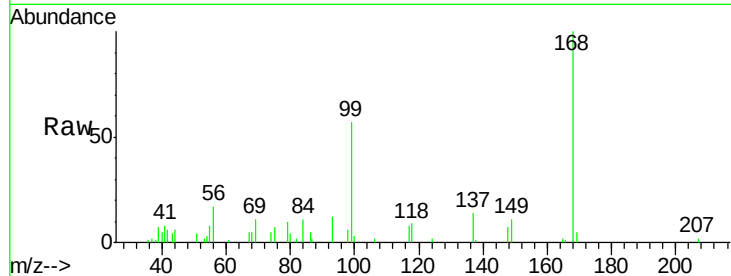
SB9-10

Tot Ion:168 Resp: 9584

Ion Ratio Lower Upper

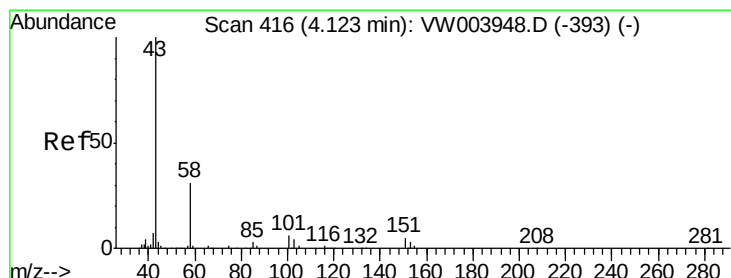
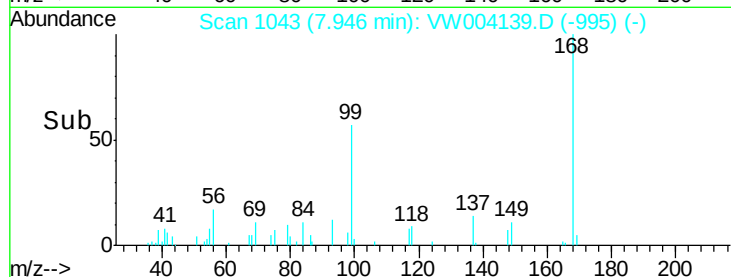
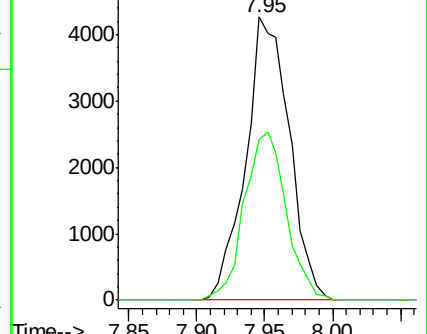
168 100

99 56.6 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 376.02 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.00 min

Lab File: VW004139.D

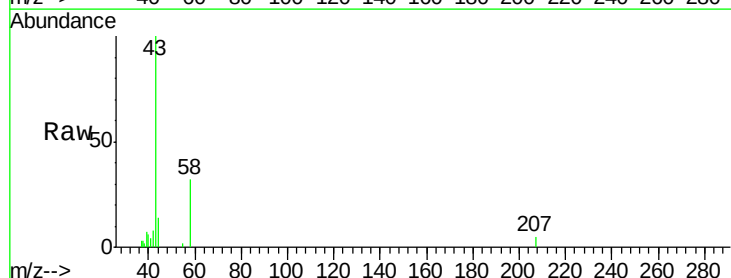
Acq: 23 Jul 2018 16:03

Tgt Ion: 43 Resp: 9680

Ion Ratio Lower Upper

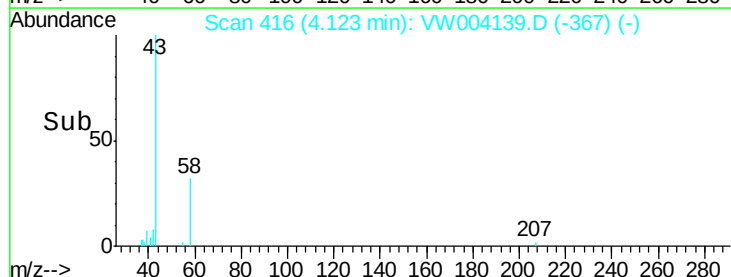
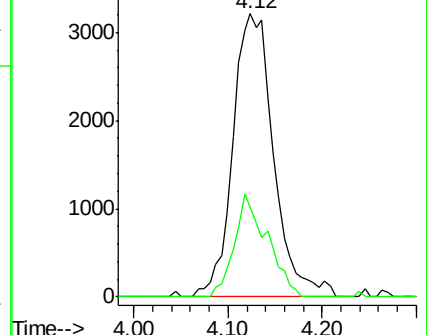
43 100

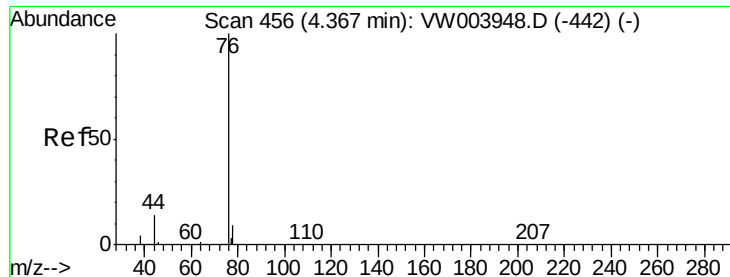
58 31.7 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 21.03 ug/l

RT: 4.36 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW004139.D

Acq: 23 Jul 2018 16:03

Instrument :

MSVOA_W

ClientSampleId :

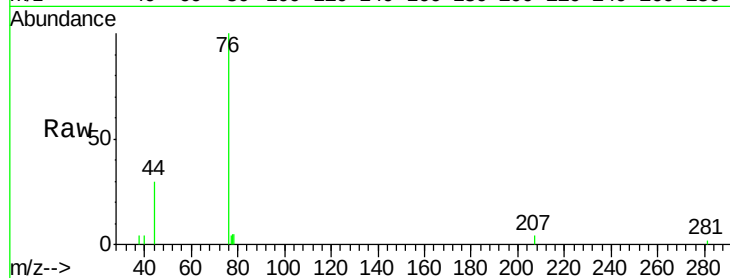
SB9-10

Tot Ion: 76 Resp: 6115

Ion Ratio Lower Upper

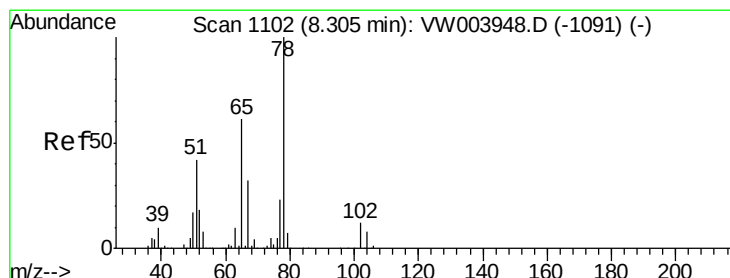
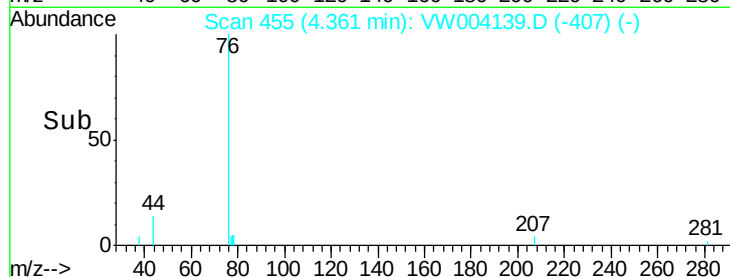
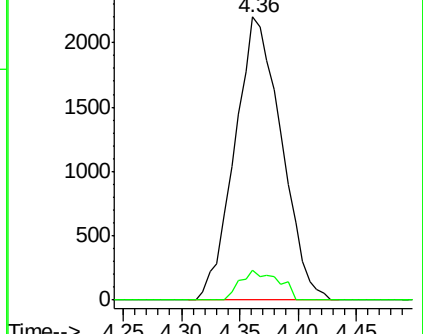
76 100

78 10.5 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#33

1,2-Dichloroethane-d4

Concen: 60.35 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW004139.D

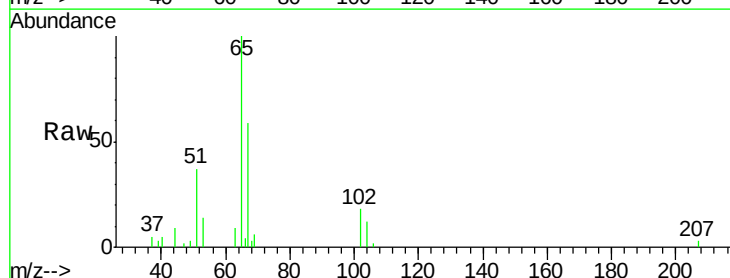
Acq: 23 Jul 2018 16:03

Tgt Ion: 65 Resp: 6465

Ion Ratio Lower Upper

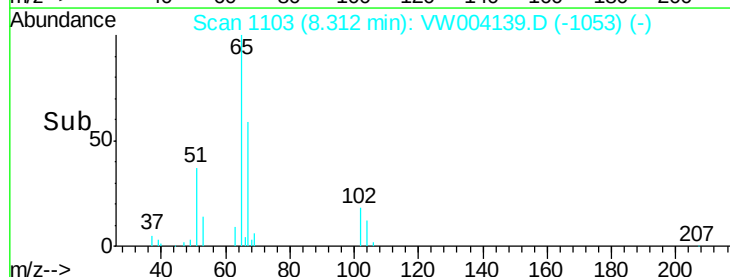
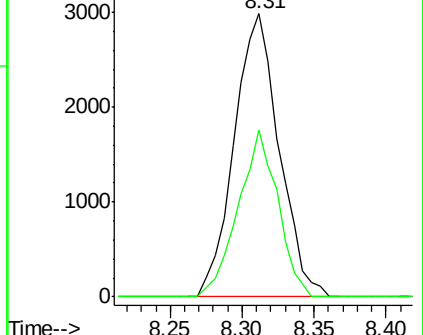
65 100

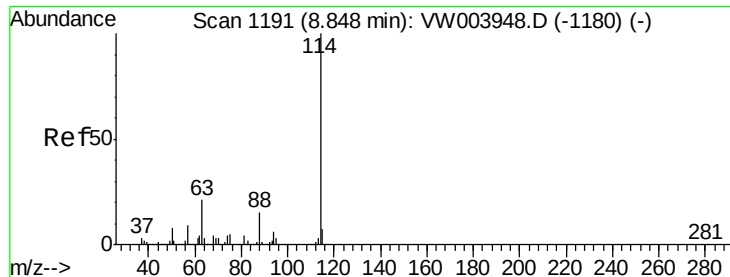
67 51.7 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

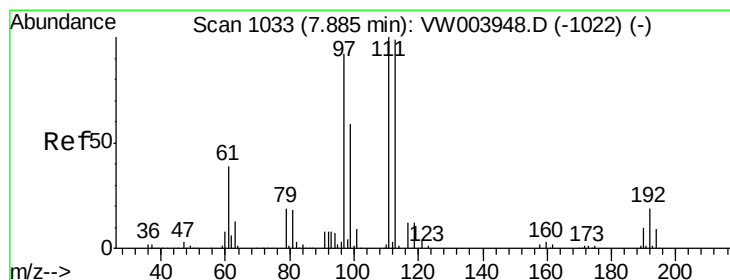
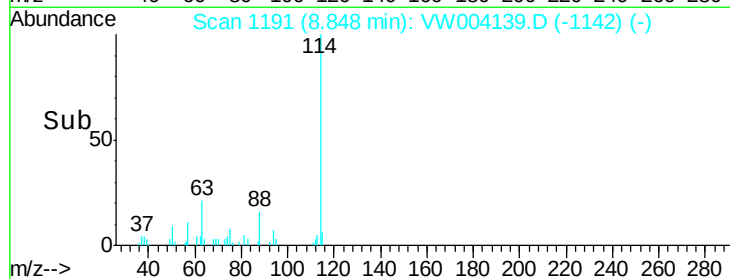
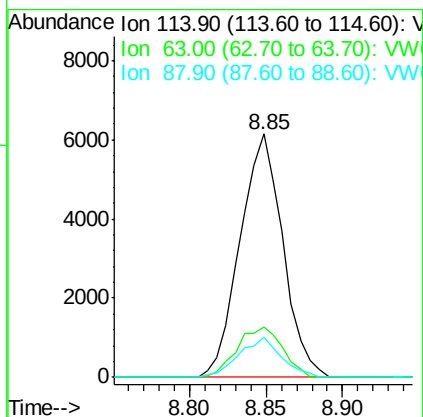
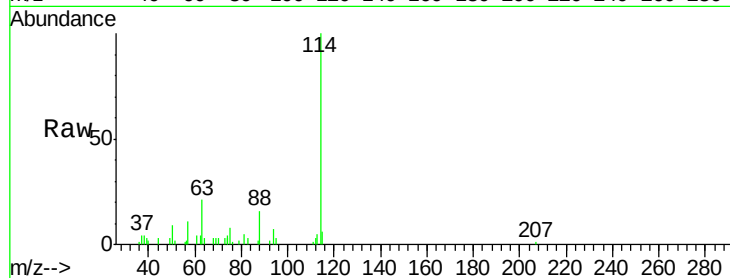




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004139.D
 Acq: 23 Jul 2018 16:03

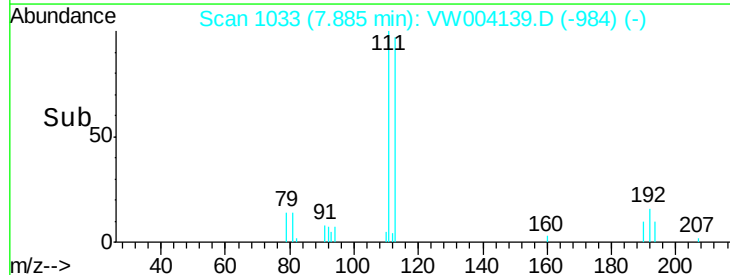
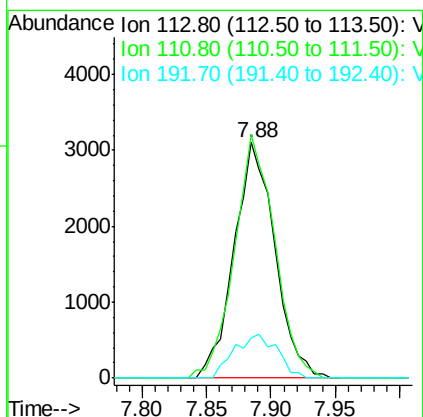
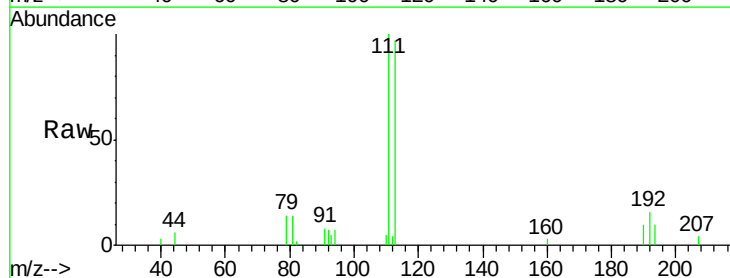
Instrument :
 MSVOA_W
 ClientSampleId :
 SB9-10

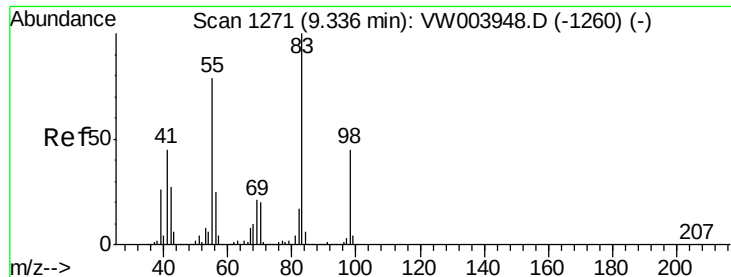
Tot Ion:114 Resp: 11923
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.8
 88 16.4 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 89.36 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004139.D
 Acq: 23 Jul 2018 16:03

Tgt Ion:113 Resp: 6836
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.3 121.9
 192 19.6 15.8 23.6

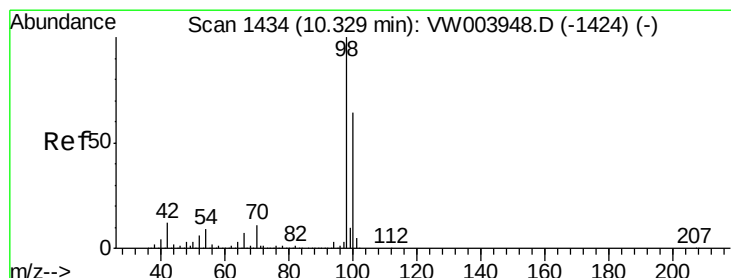
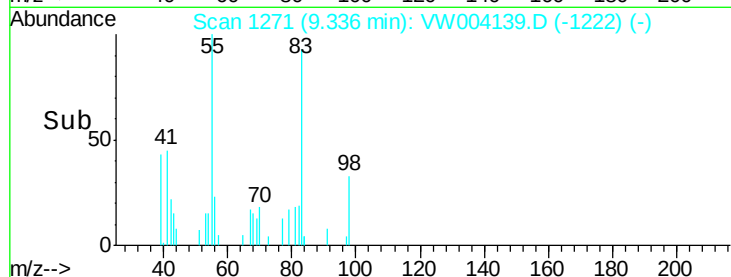
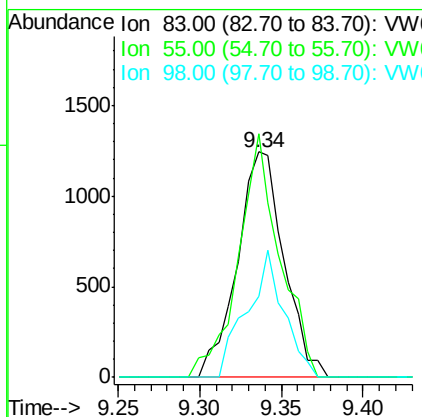
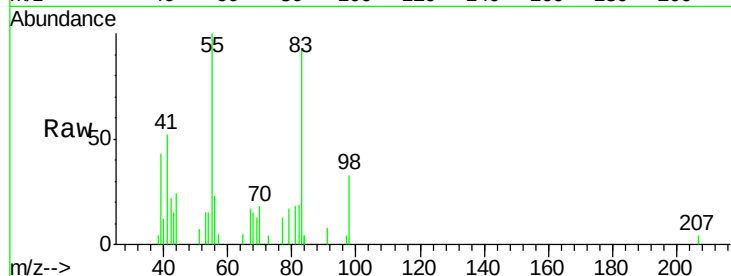




#39
Methylvlcyclohexane
Concen: 17.33 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004139.D
Acq: 23 Jul 2018 16:03

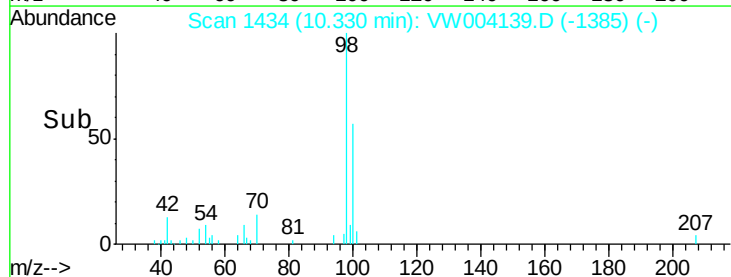
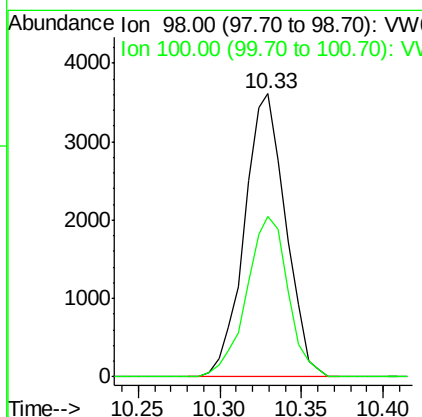
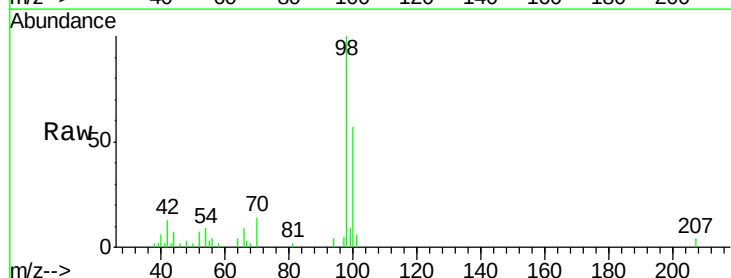
Instrument :
MSVOA_W
ClientSampleId :
SB9-10

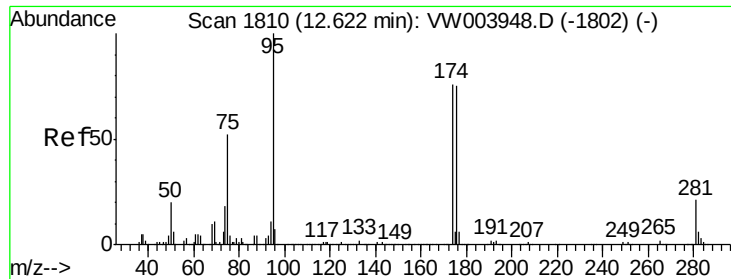
Tot Ion: 83 Resp: 2489
Ion Ratio Lower Upper
83 100
55 108.0 62.8 94.2#
98 35.8 36.2 54.4#



#50
Toluene-d8
Concen: 21.34 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004139.D
Acq: 23 Jul 2018 16:03

Tgt Ion: 98 Resp: 6334
Ion Ratio Lower Upper
98 100
100 57.0 51.2 76.8

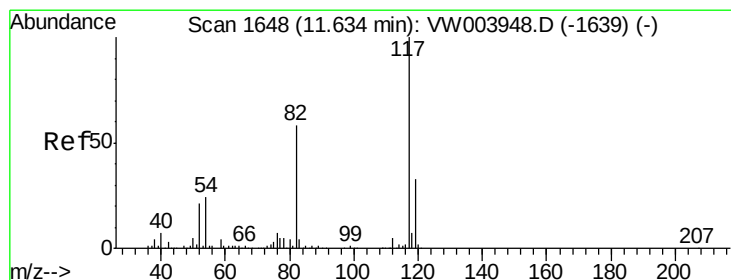
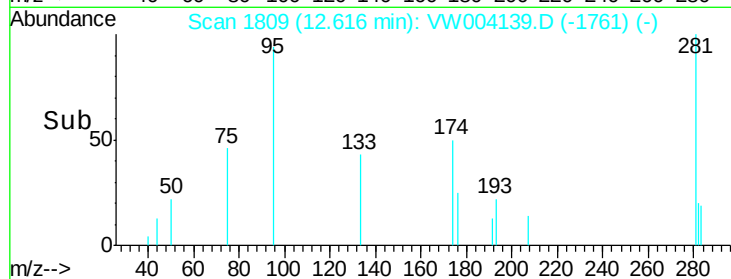
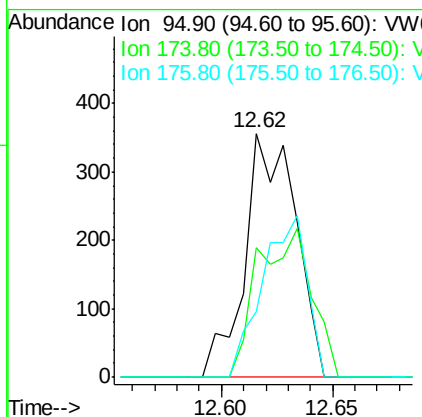
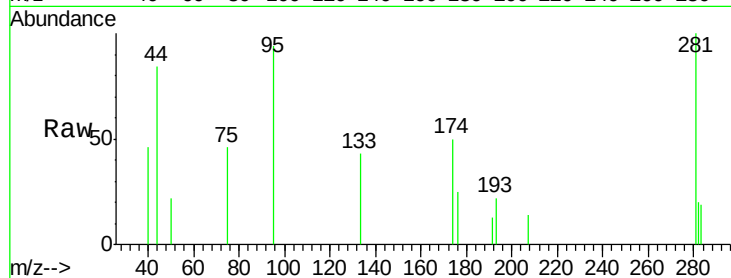




#62
4-Bromofluorobenzene
Concen: 5.30 ug/l
RT: 12.62 min Scan# 1809
Delta R.T. -0.01 min
Lab File: VW004139.D
Acq: 23 Jul 2018 16:03

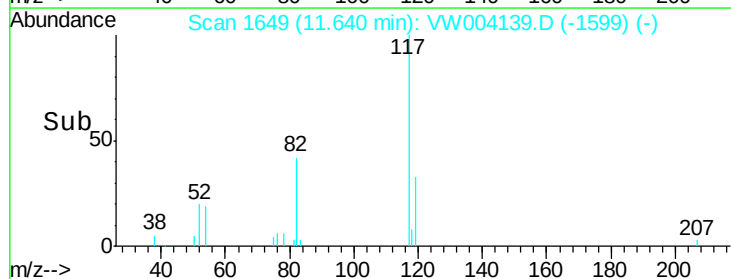
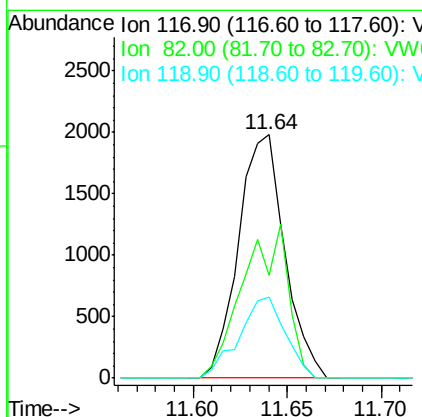
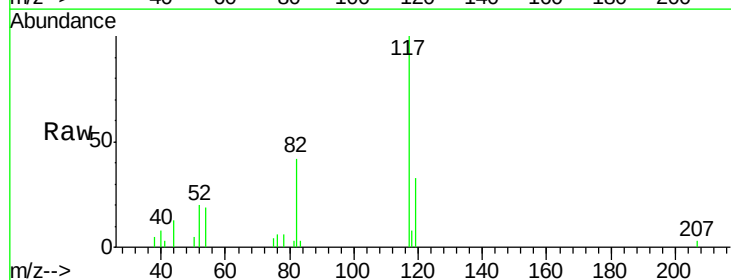
Instrument :
MSVOA_W
ClientSampled :
SB9-10

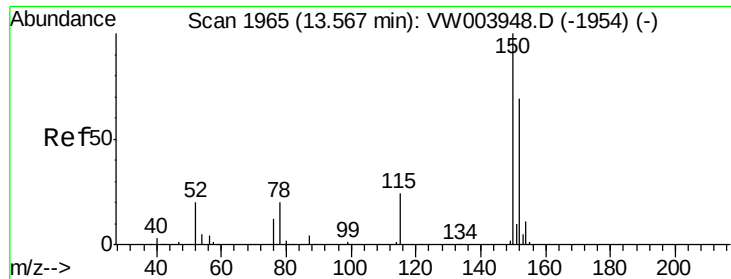
Tot Ion: 95 Resp: 567
Ion Ratio Lower Upper
95 100
174 64.4 0.0 160.2
176 58.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.01 min
Lab File: VW004139.D
Acq: 23 Jul 2018 16:03

Tgt Ion: 117 Resp: 3371
Ion Ratio Lower Upper
117 100
82 42.5 46.5 69.7#
119 33.3 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004139.D

Acq: 23 Jul 2018 16:03

Instrument :

MSVOA_W

ClientSampleId :

SB9-10

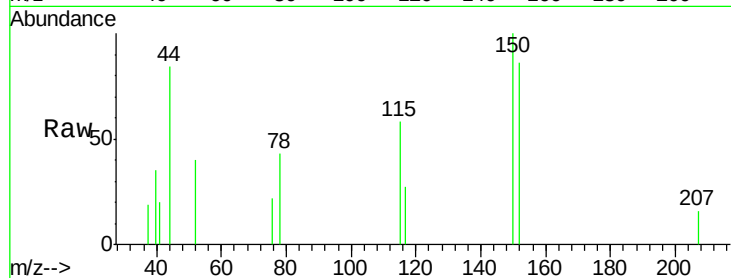
Tot Ion:152 Resp: 478

Ion Ratio Lower Upper

152 100

115 61.3 29.2 87.6

150 166.5 0.0 345.2



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

