

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070918\
 Data File : VW003789.D
 Acq On : 09 Jul 2018 20:20
 Operator : SY/AP
 Sample : J3901-03
 Misc : 6.53G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-9-S

Quant Time: Jul 10 02:21:14 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

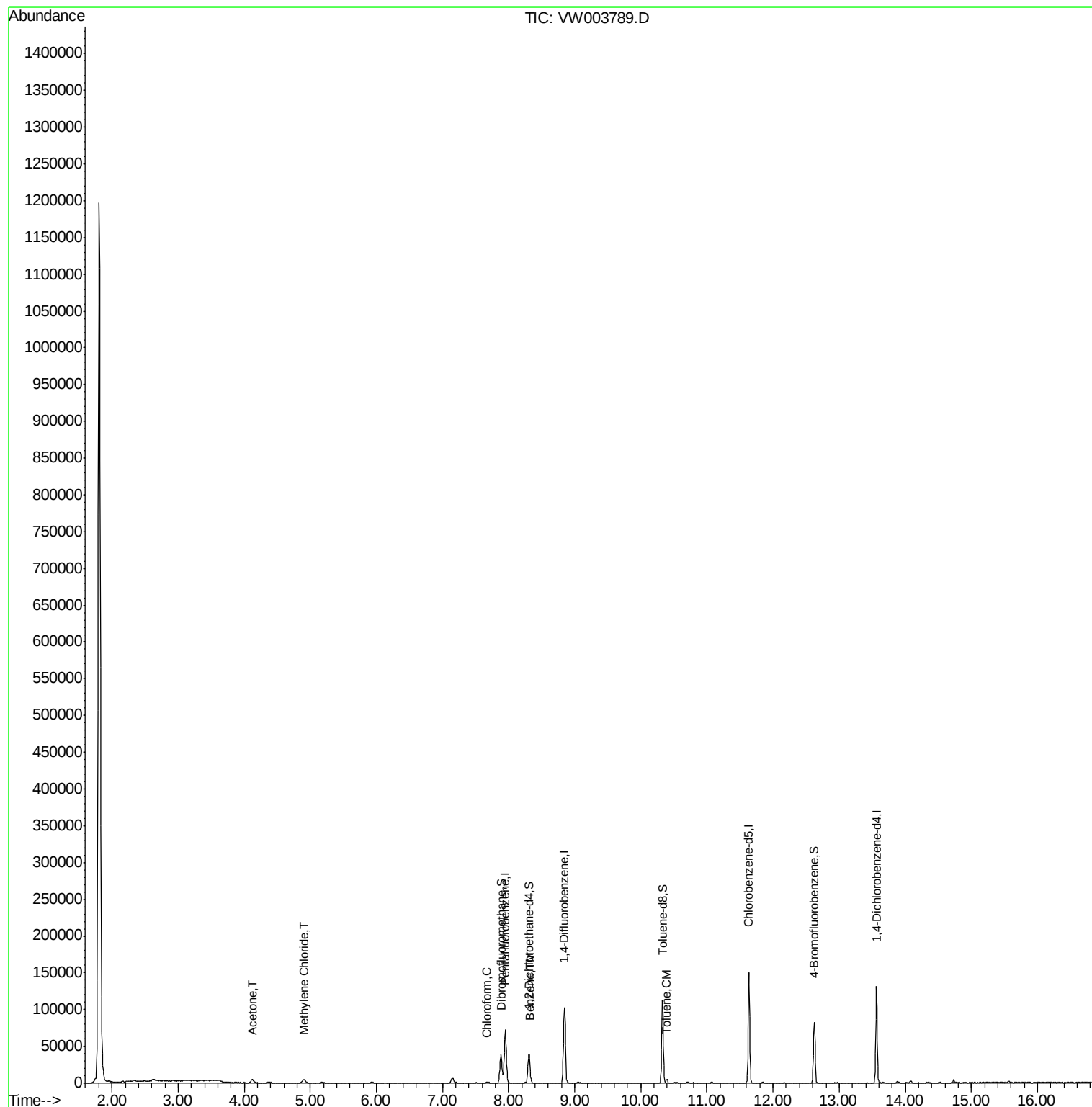
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	51292	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	80922	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	77847	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	34071	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	31132	46.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.82%	
35) Dibromofluoromethane	7.88	113	26925	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.08%	
50) Toluene-d8	10.33	98	74005	34.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.32%	
62) 4-Bromofluorobenzene	12.62	95	23820	30.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.78%	
Target Compounds						
16) Acetone	4.12	43	7870	67.627	ug/l	90
20) Methylene Chloride	4.91	84	3015	1.021	ug/l #	89
30) Chloroform	7.68	83	1206	1.061	ug/l	94
40) Benzene	8.33	78	2924	1.191	ug/l	100
52) Toluene	10.39	92	2008	1.319	ug/l	100

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003789.D

Acq: 09 Jul 2018 20:20

Instrument :

MSVOA_W

ClientSampled :

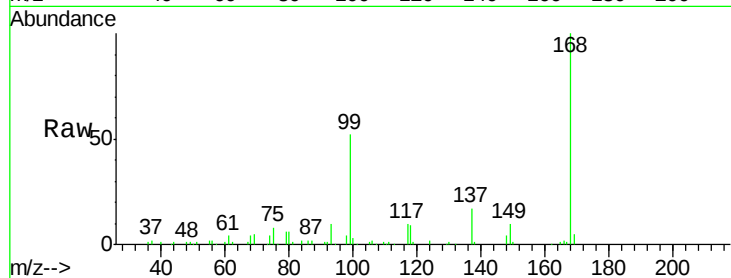
TP-9-S

Tot Ion:168 Resp: 51292

Ion Ratio Lower Upper

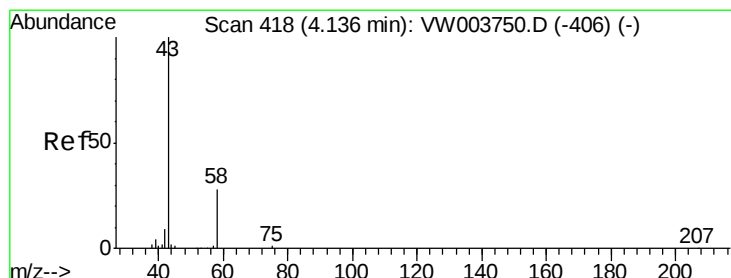
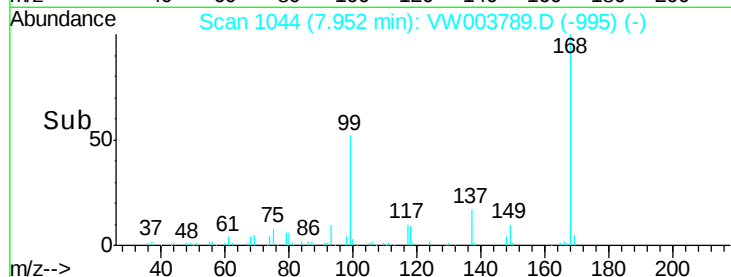
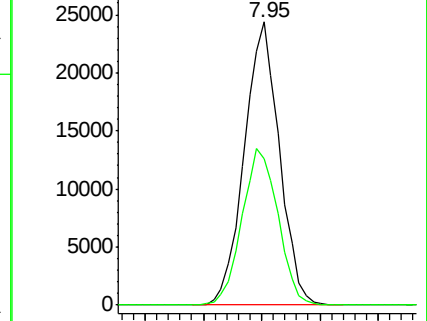
168 100

99 51.7 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 67.627 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.01 min

Lab File: VW003789.D

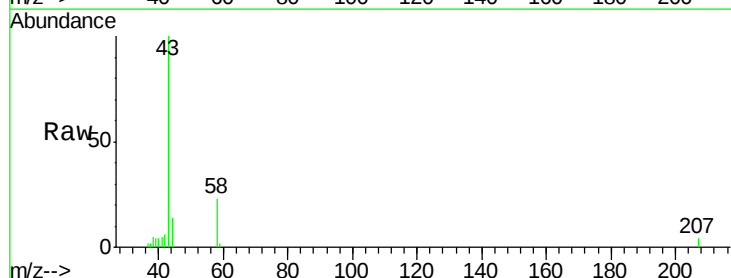
Acq: 09 Jul 2018 20:20

Tgt Ion: 43 Resp: 7870

Ion Ratio Lower Upper

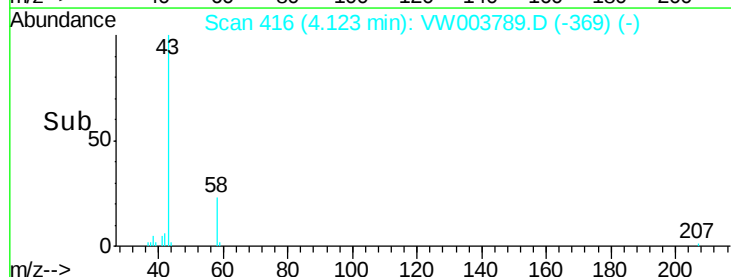
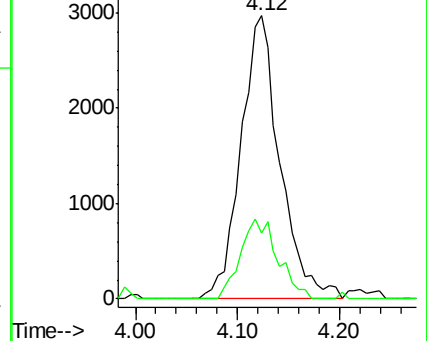
43 100

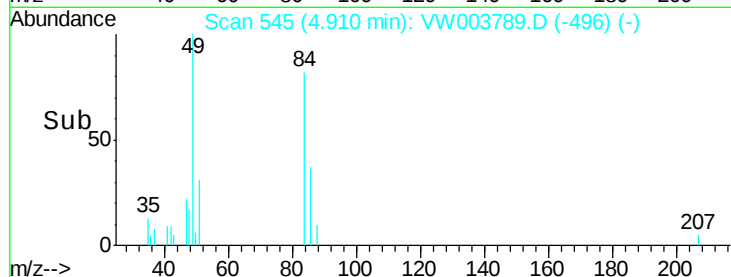
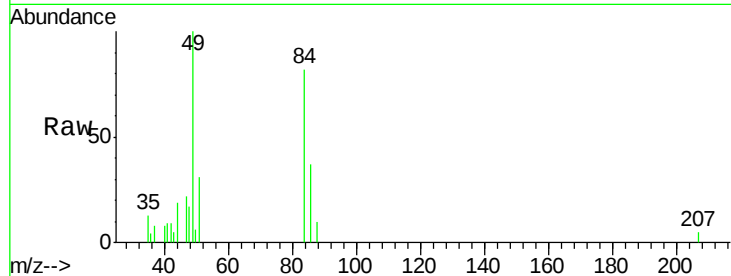
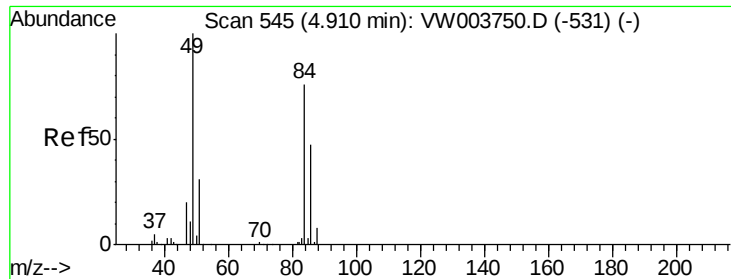
58 23.0 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

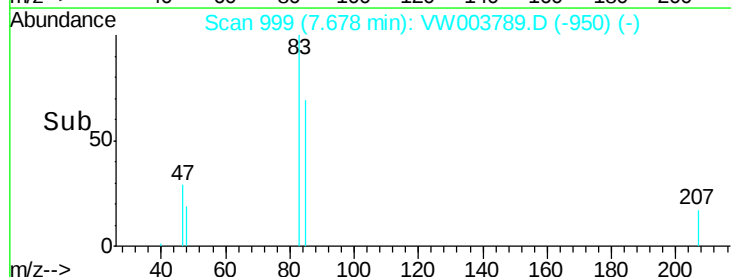
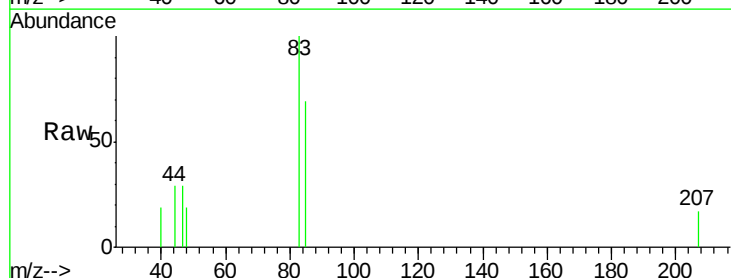
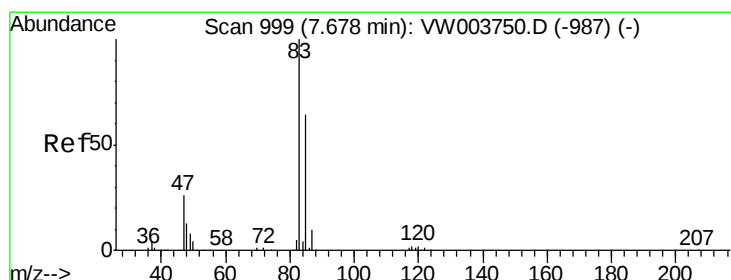
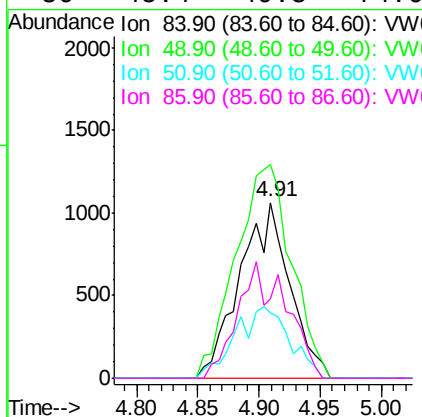




#20
Methvlene Chloride
Concen: 1.021 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003789.D
Acq: 09 Jul 2018 20:20

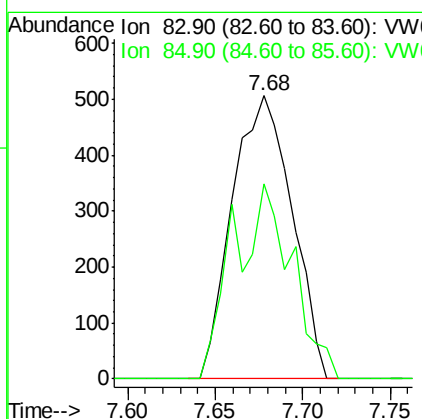
Instrument :
MSVOA_W
ClientSampleId :
TP-9-S

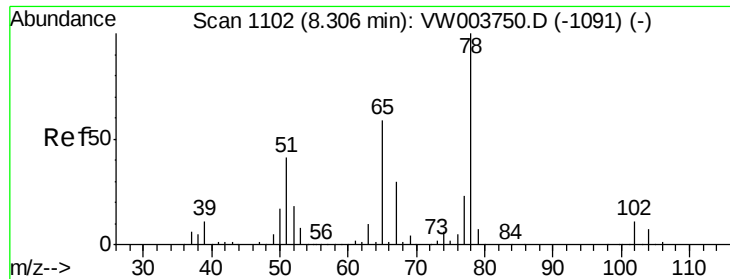
Tot Ion: 84 Resp: 3015
Ion Ratio Lower Upper
84 100
49 121.6 105.1 157.7
51 37.4 32.5 48.7
86 45.4 49.8 74.6#



#30
Chloroform
Concen: 1.061 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW003789.D
Acq: 09 Jul 2018 20:20

Tgt Ion: 83 Resp: 1206
Ion Ratio Lower Upper
83 100
85 69.0 51.5 77.3





#33

1,2-Dichloroethane-d4

Concen: 46.413 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW003789.D

Acq: 09 Jul 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

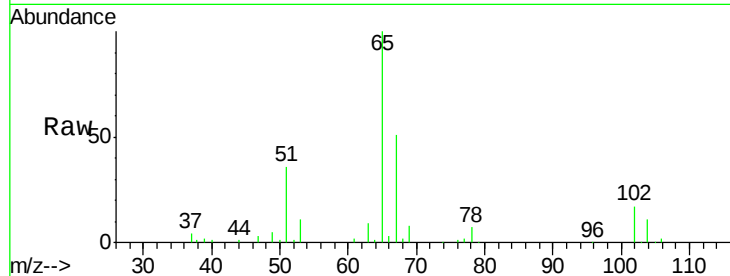
TP-9-S

Tot Ion: 65 Resp: 31132

Ion Ratio Lower Upper

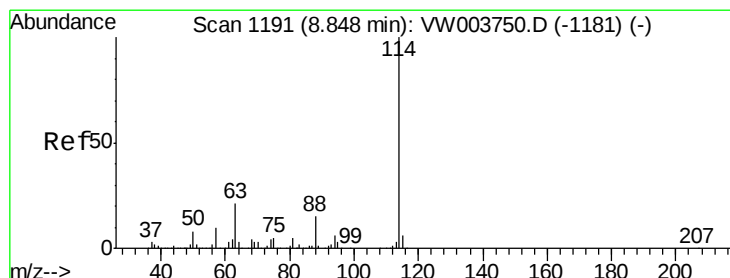
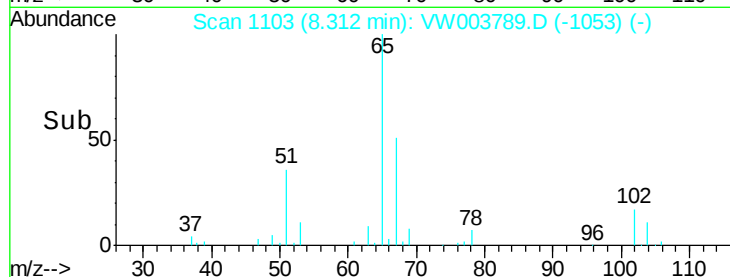
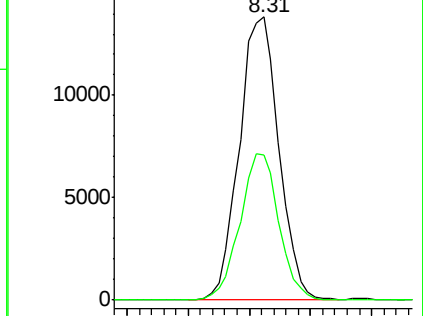
65 100

67 50.6 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: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW003789.D

Acq: 09 Jul 2018 20:20

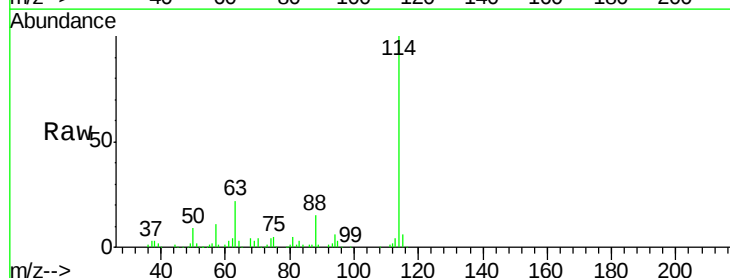
Tgt Ion: 114 Resp: 80922

Ion Ratio Lower Upper

114 100

63 21.6 0.0 41.8

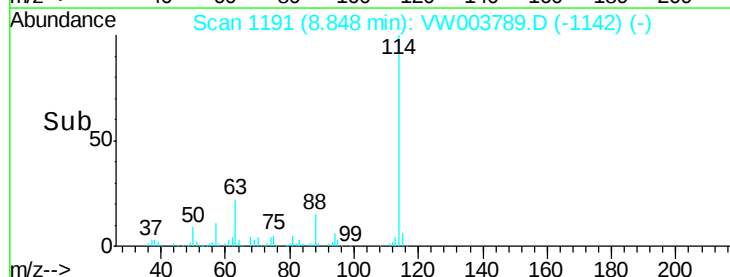
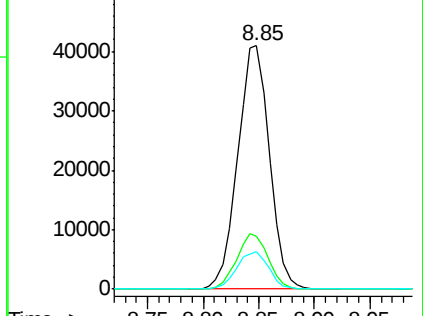
88 15.4 0.0 30.2

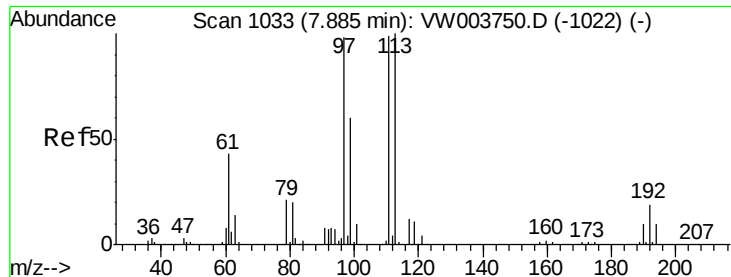


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

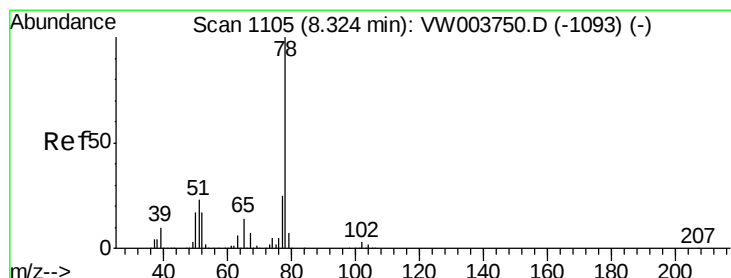
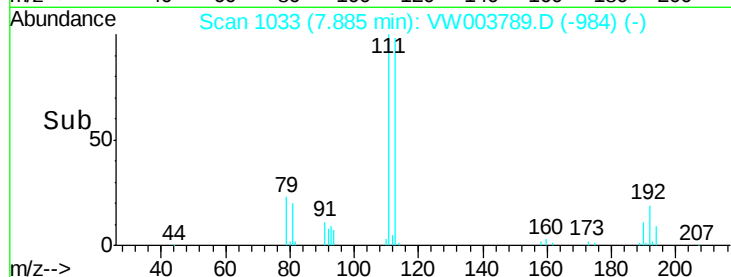
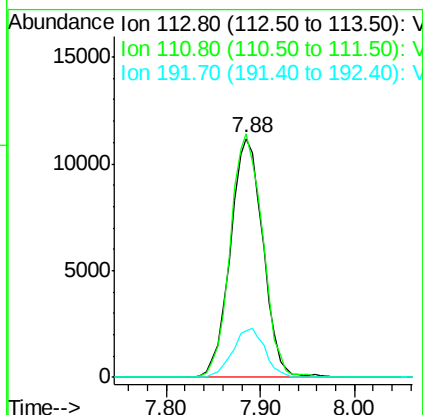
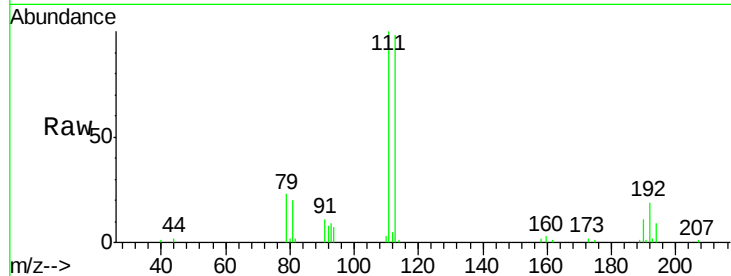




#35
 Dibromofluoromethane
 Concen: 47.540 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003789.D
 Acq: 09 Jul 2018 20:20

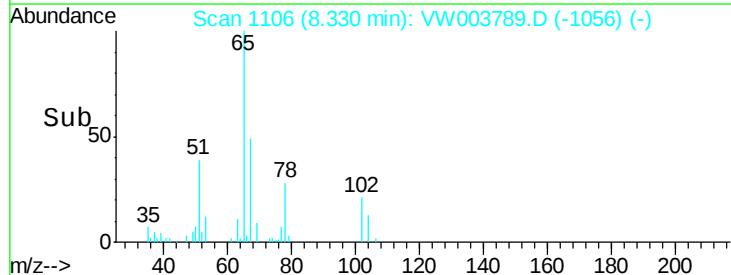
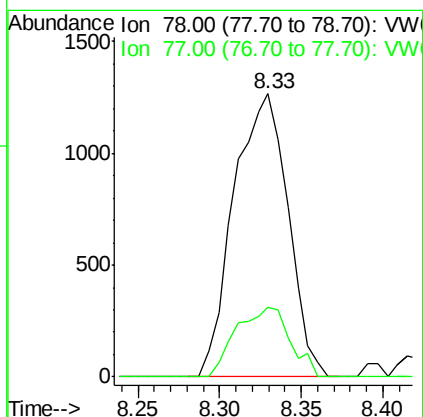
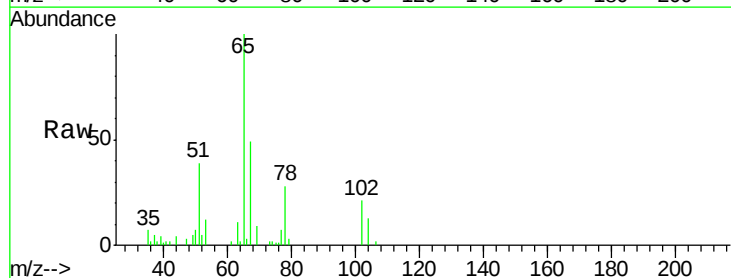
Instrument :
 MSVOA_W
 ClientSampled :
 TP-9-S

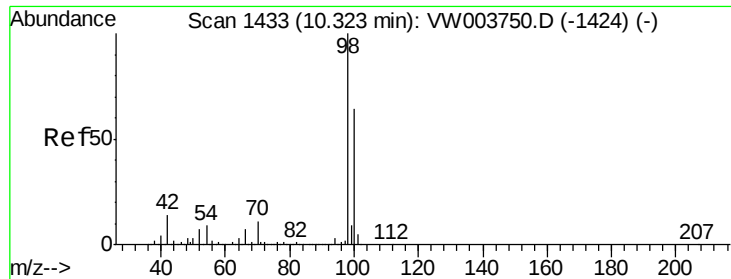
Tot Ion:113 Resp: 26925
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.7 122.5
 192 20.2 15.8 23.8



#40
 Benzene
 Concen: 1.191 ug/l
 RT: 8.33 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: VW003789.D
 Acq: 09 Jul 2018 20:20

Tgt Ion: 78 Resp: 2924
 Ion Ratio Lower Upper
 78 100
 77 24.6 19.7 29.5

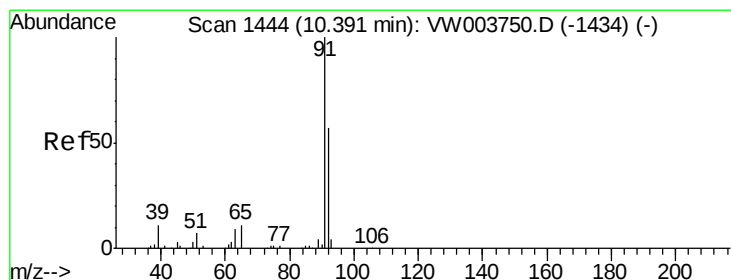
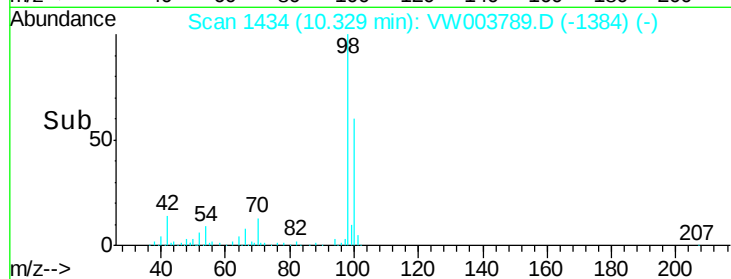
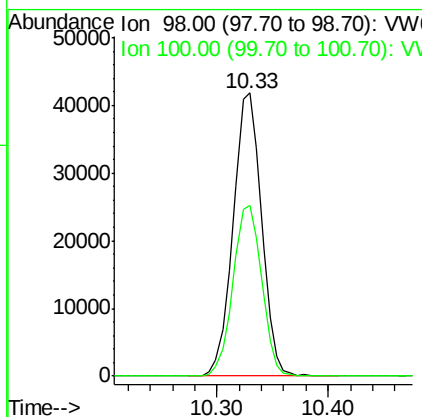
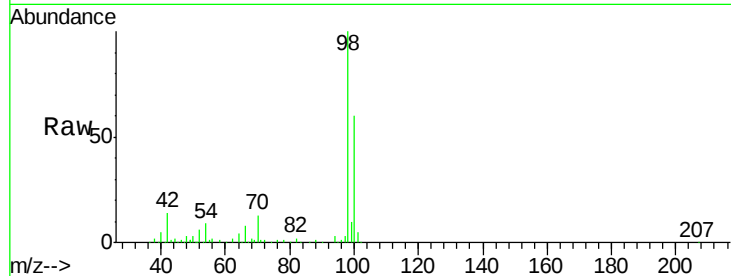




#50
Toluene-d8
Concen: 34.159 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VW003789.D
Acq: 09 Jul 2018 20:20

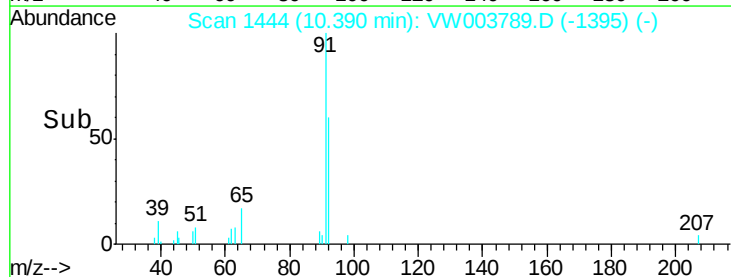
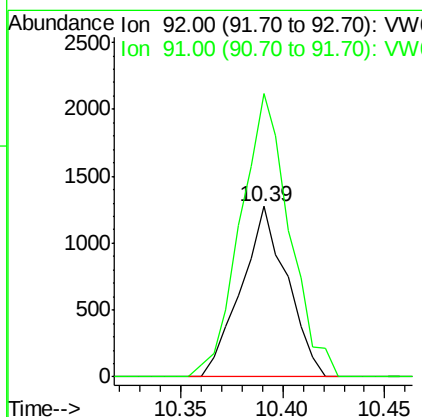
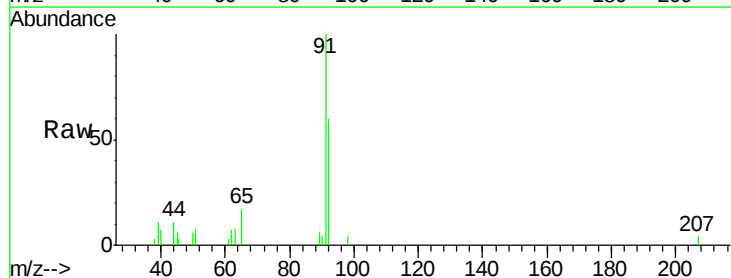
Instrument :
MSVOA_W
ClientSampleId :
TP-9-S

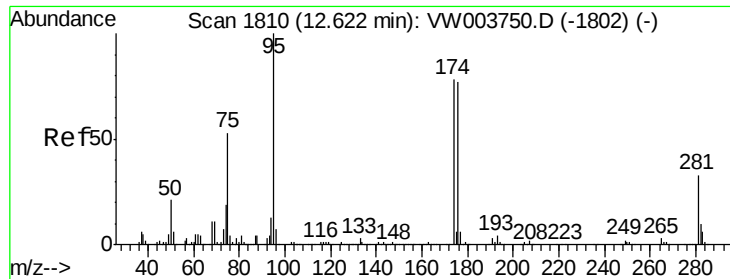
Tot Ion: 98 Resp: 74005
Ion Ratio Lower Upper
98 100
100 60.7 50.8 76.2



#52
Toluene
Concen: 1.319 ug/l
RT: 10.39 min Scan# 1444
Delta R.T. -0.00 min
Lab File: VW003789.D
Acq: 09 Jul 2018 20:20

Tgt Ion: 92 Resp: 2008
Ion Ratio Lower Upper
92 100
91 176.1 140.6 211.0

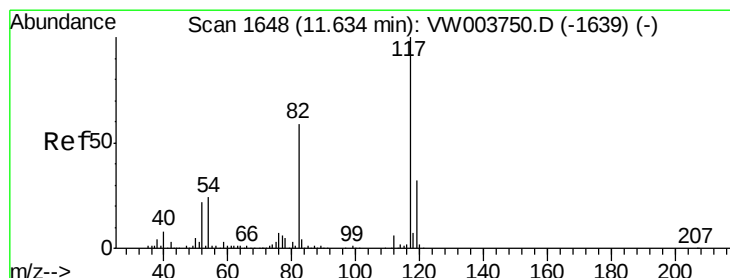
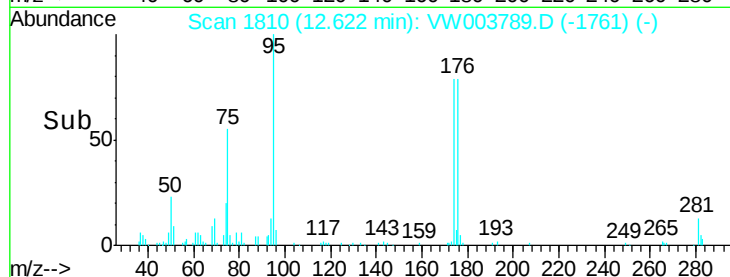
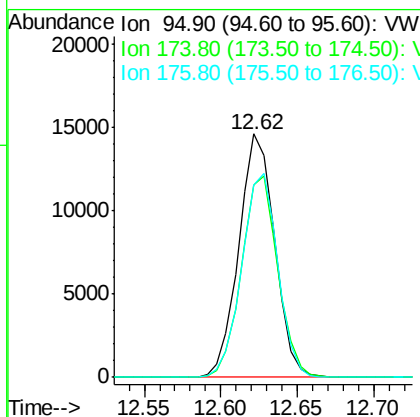
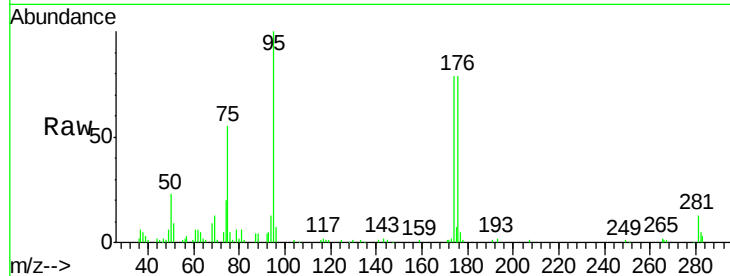




#62
4-Bromofluorobenzene
Concen: 30.388 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW003789.D
Acq: 09 Jul 2018 20:20

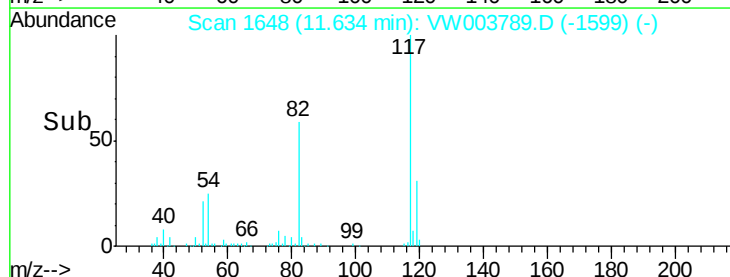
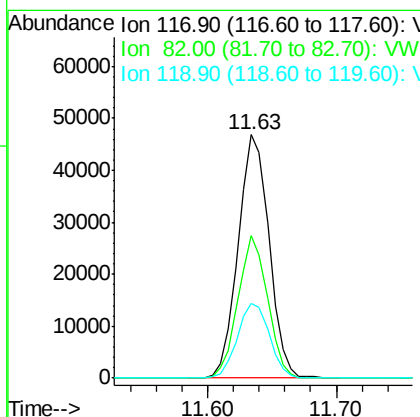
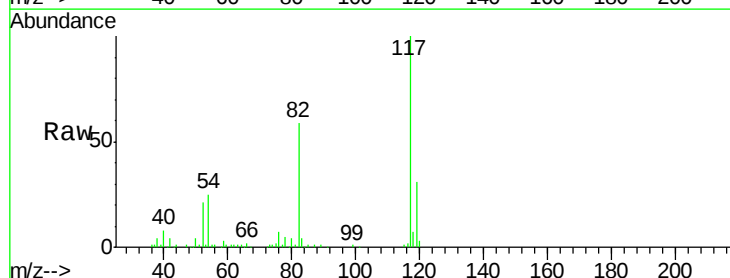
Instrument :
MSVOA_W
ClientSampleId :
TP-9-S

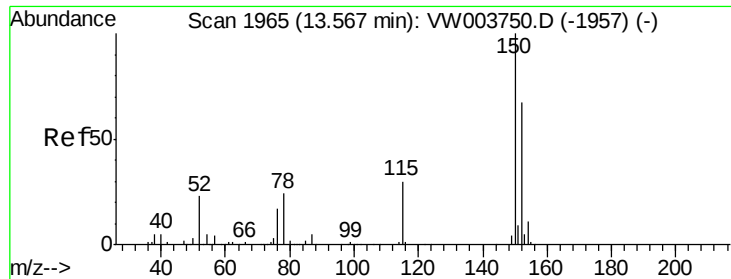
Tot Ion: 95 Resp: 23820
Ion Ratio Lower Upper
95 100
174 83.7 0.0 163.4
176 84.0 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003789.D
Acq: 09 Jul 2018 20:20

Tgt Ion: 117 Resp: 77847
Ion Ratio Lower Upper
117 100
82 58.6 46.9 70.3
119 30.9 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW003789.D

Acq: 09 Jul 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

TP-9-S

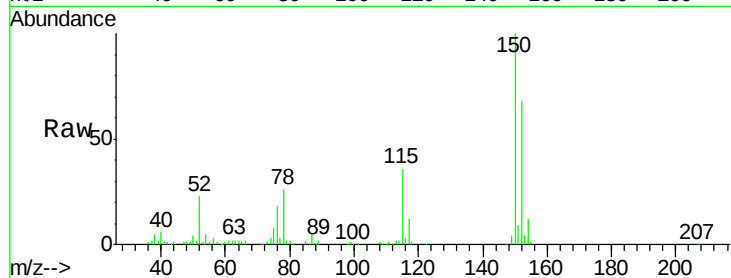
Tot Ion:152 Resp: 34071

Ion Ratio Lower Upper

152 100

115 58.5 28.9 86.8

150 154.3 0.0 342.4



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

