

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070918\
 Data File : VW003775.D
 Acq On : 09 Jul 2018 14:16
 Operator : SY/AP
 Sample : J3855-04RE
 Misc : 6.27G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S-11(7.5-8)RE

Quant Time: Jul 09 16:47:13 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

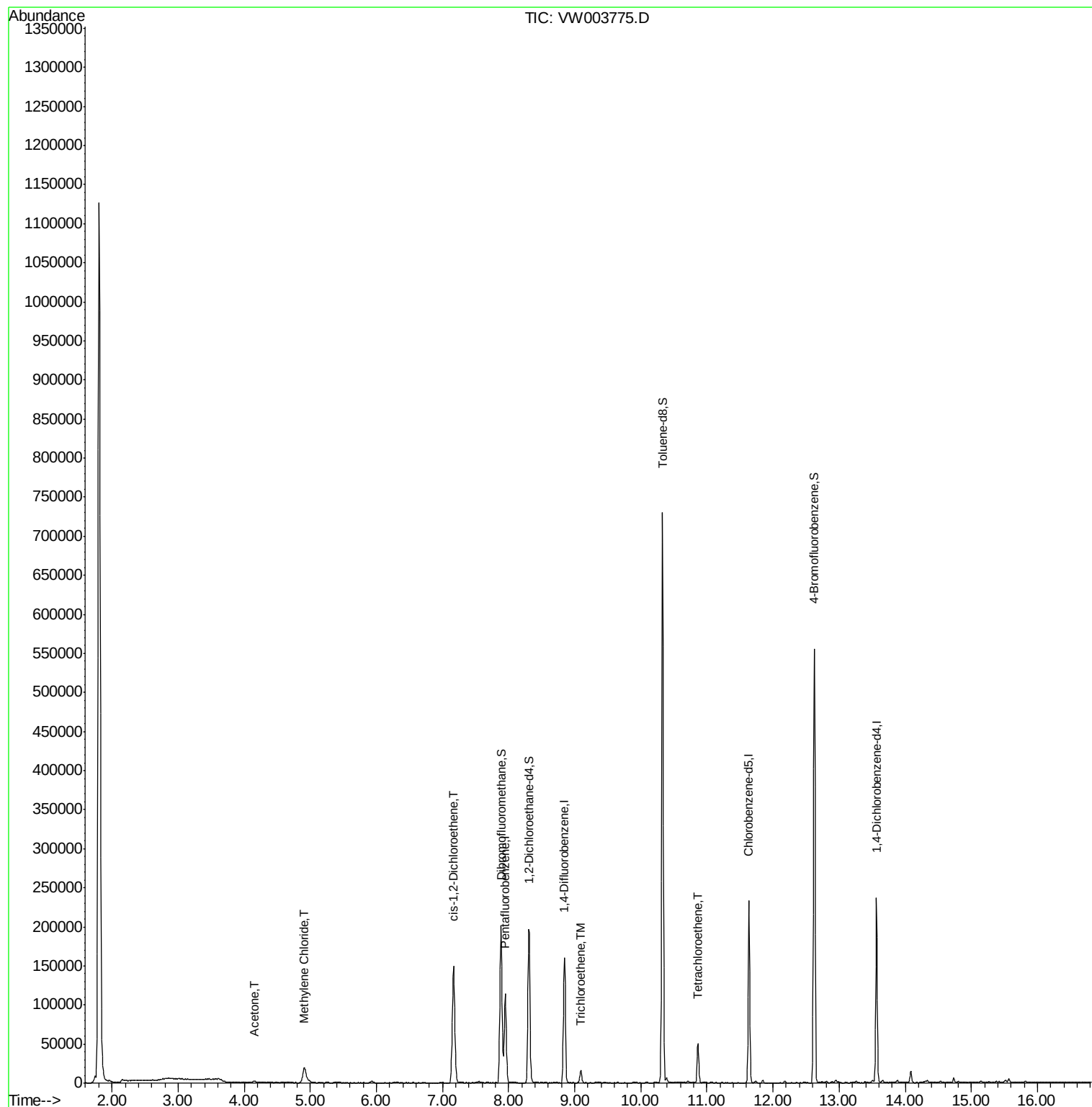
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	82334	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	129490	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	122689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	59728	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	161205	149.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	299.44%	
35) Dibromofluoromethane	7.88	113	139124	153.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	307.02%	
50) Toluene-d8	10.33	98	465820	134.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	268.74%	
62) 4-Bromofluorobenzene	12.62	95	170566	135.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	271.96%	
Target Compounds						
16) Acetone	4.15	43	4368	23.383	ug/l	99
20) Methylene Chloride	4.91	84	16593	15.173	ug/l	95
27) cis-1,2-Dichloroethene	7.17	96	85779	84.716	ug/l	92
44) Trichloroethene	9.10	130	5239	5.291	ug/l	85
64) Tetrachloroethene	10.87	164	10955	12.071	ug/l	98

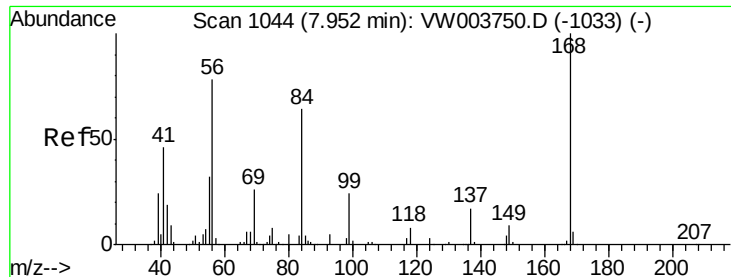
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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S-11(7.5-8)RE

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003775.D

Acq: 09 Jul 2018 14:16

Instrument :

MSVOA_W

ClientSampleId :

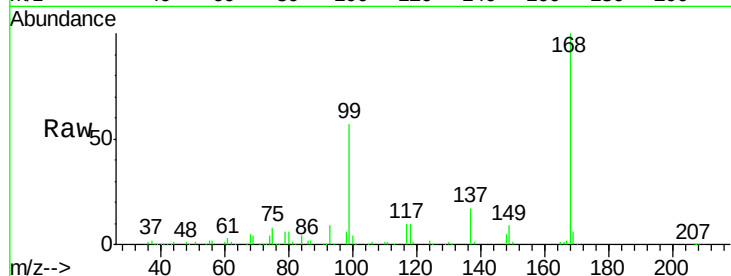
S-11(7.5-8)RE

Tot Ion:168 Resp: 82334

Ion Ratio Lower Upper

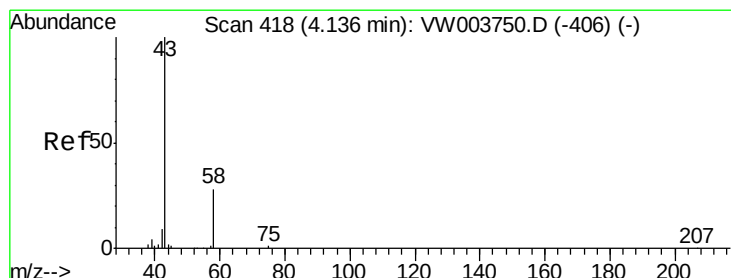
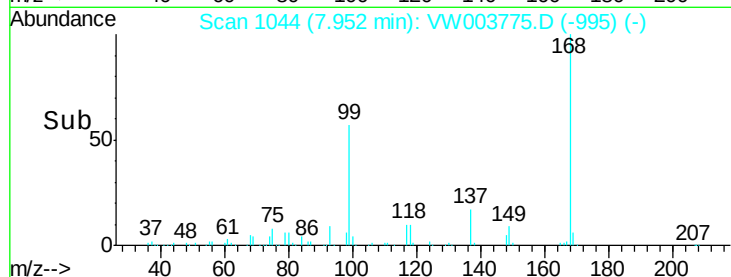
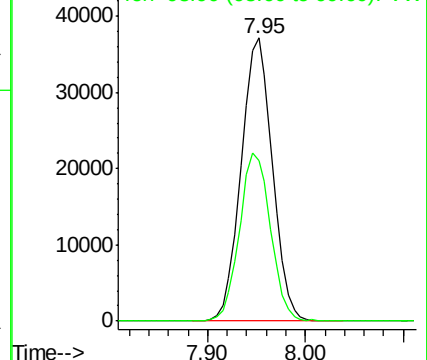
168 100

99 56.6 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: 23.383 ug/l

RT: 4.15 min Scan# 421

Delta R.T. 0.02 min

Lab File: VW003775.D

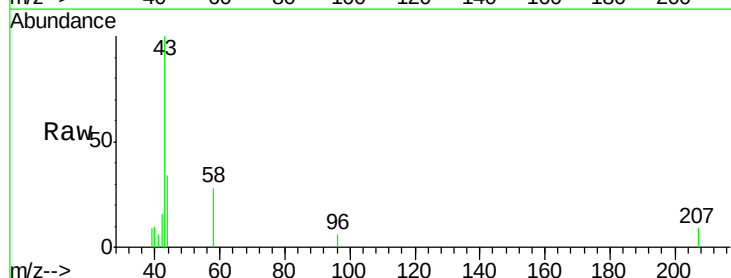
Acq: 09 Jul 2018 14:16

Tgt Ion: 43 Resp: 4368

Ion Ratio Lower Upper

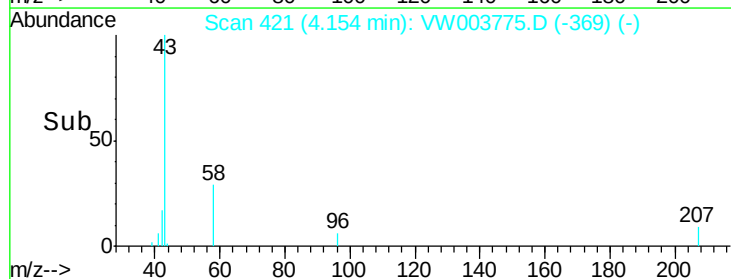
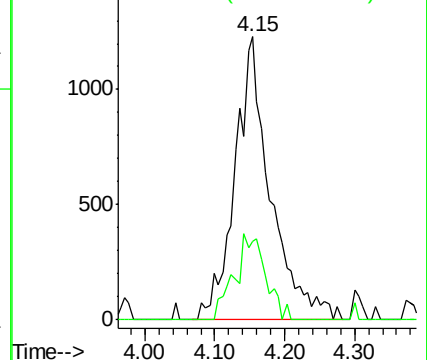
43 100

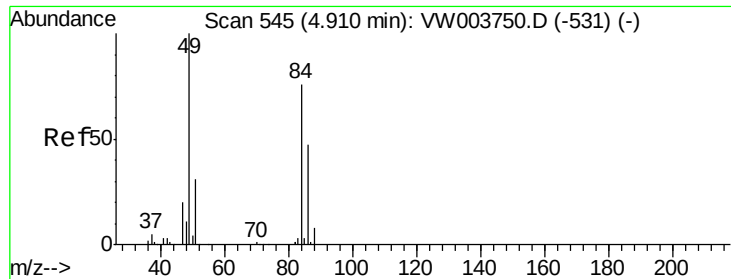
58 27.9 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

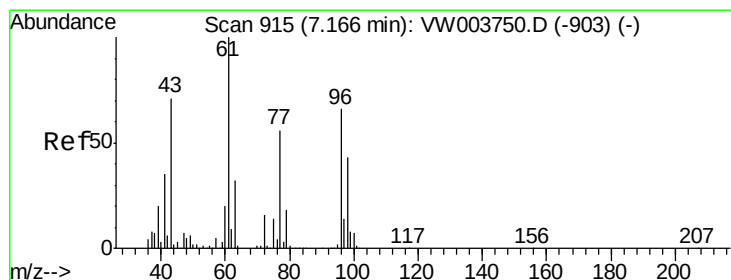
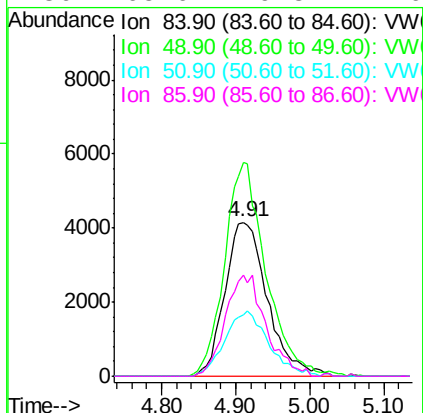
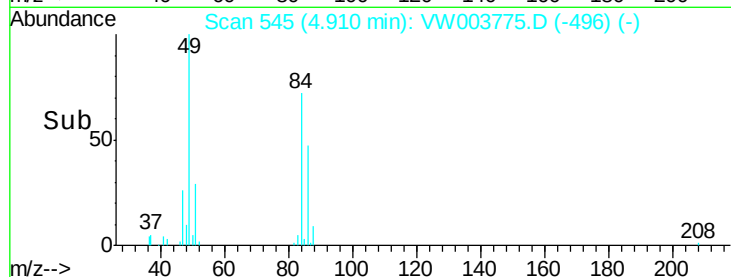
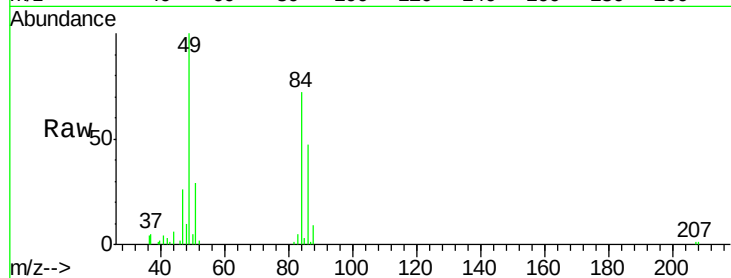




#20
Methylene Chloride
Concen: 15.173 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003775.D
Acq: 09 Jul 2018 14:16

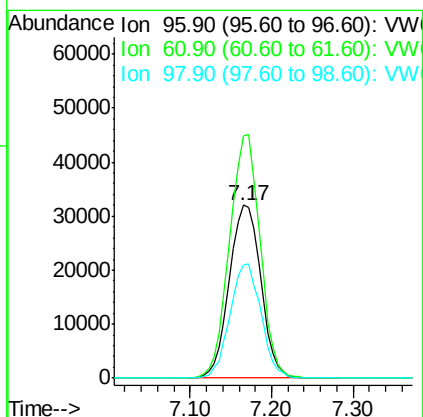
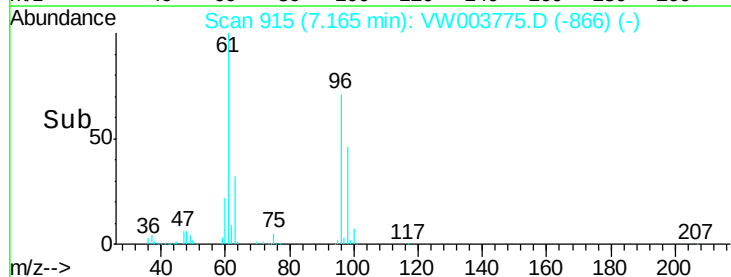
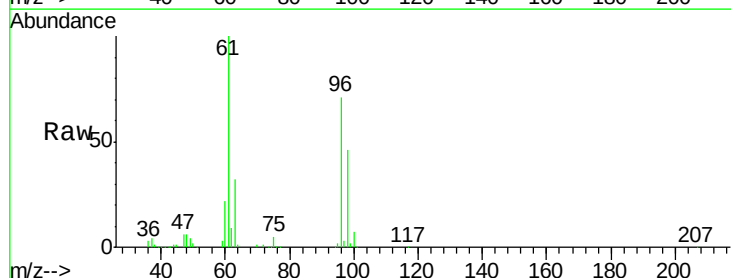
Instrument :
MSVOA_W
ClientSampled :
S-11(7.5-8)RE

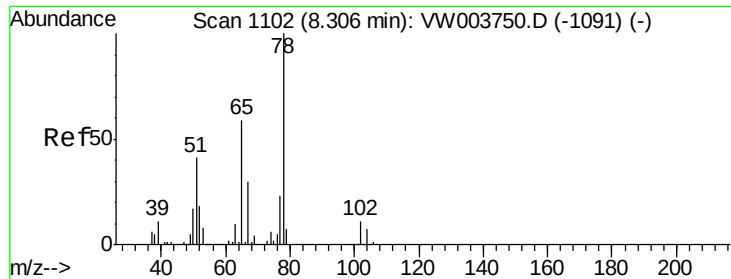
Tot Ion: 84 Resp: 16593
Ion Ratio Lower Upper
84 100
49 138.9 105.1 157.7
51 39.9 32.5 48.7
86 65.6 49.8 74.6



#27
cis-1,2-Dichloroethene
Concen: 84.716 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW003775.D
Acq: 09 Jul 2018 14:16

Tgt Ion: 96 Resp: 85779
Ion Ratio Lower Upper
96 100
61 136.1 0.0 300.8
98 64.4 0.0 128.6





#33

1,2-Dichloroethane-d4

Concen: 149.721 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW003775.D

Acq: 09 Jul 2018 14:16

Instrument :

MSVOA_W

ClientSampleId :

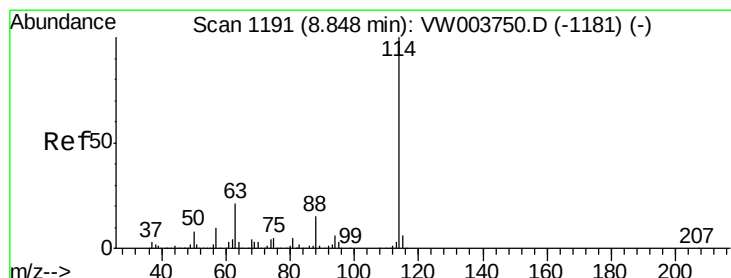
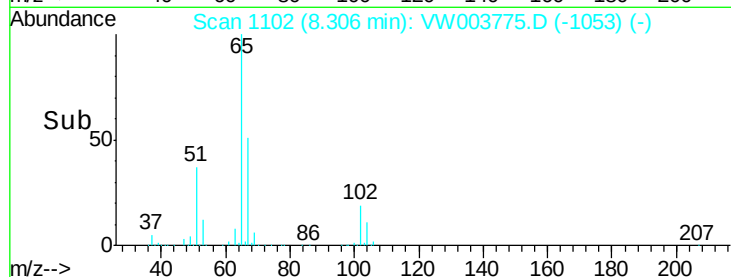
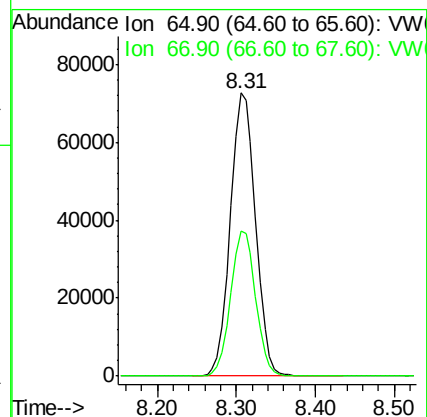
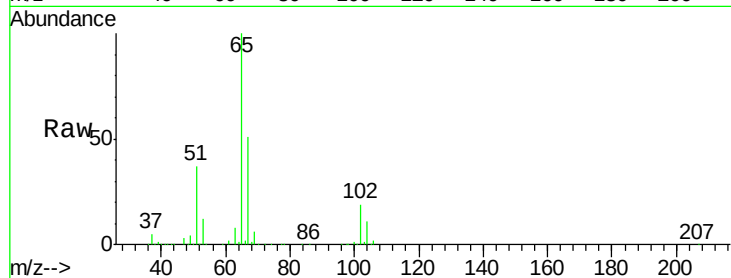
S-11(7.5-8)RE

Tot Ion: 65 Resp: 161205

Ion Ratio Lower Upper

65 100

67 50.7 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW003775.D

Acq: 09 Jul 2018 14:16

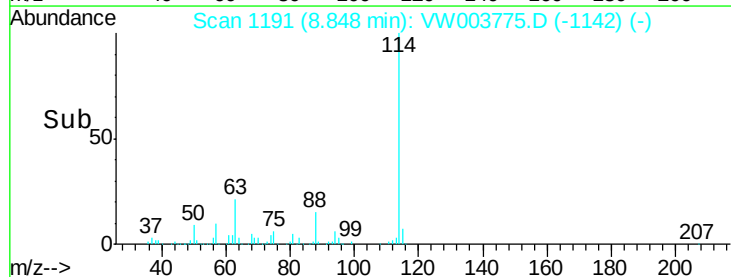
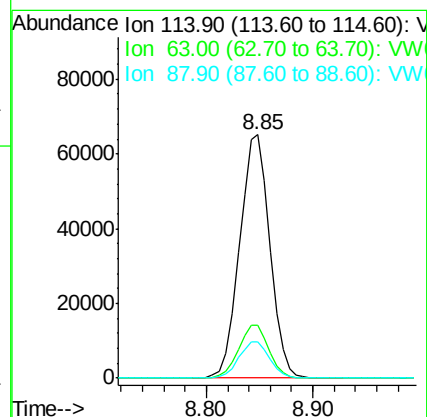
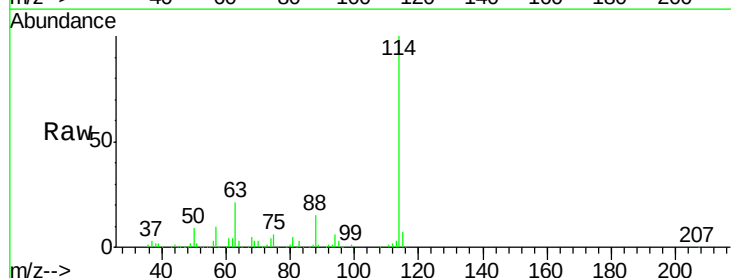
Tgt Ion: 114 Resp: 129490

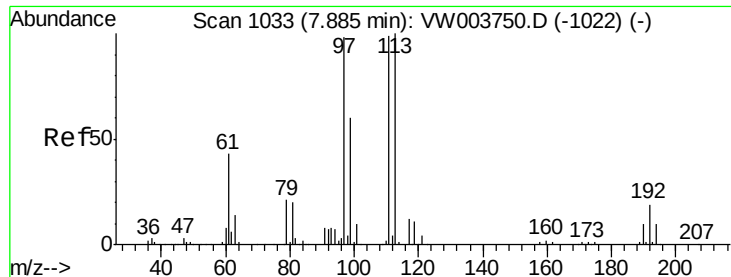
Ion Ratio Lower Upper

114 100

63 21.5 0.0 41.8

88 15.0 0.0 30.2

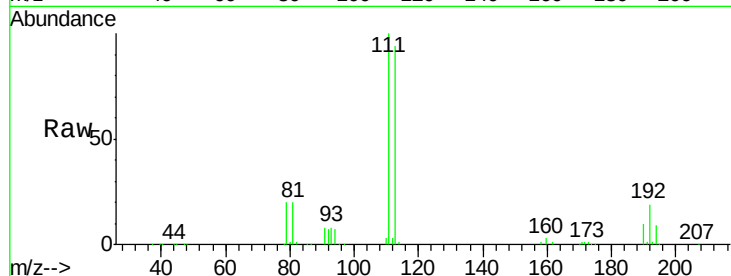




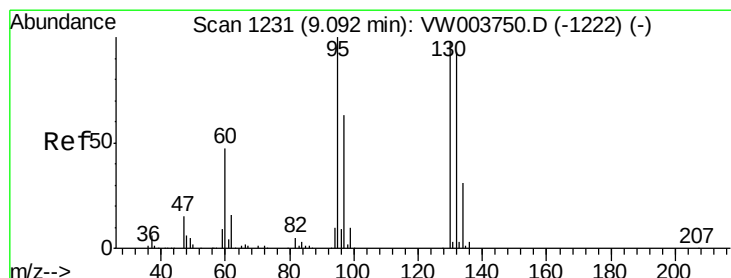
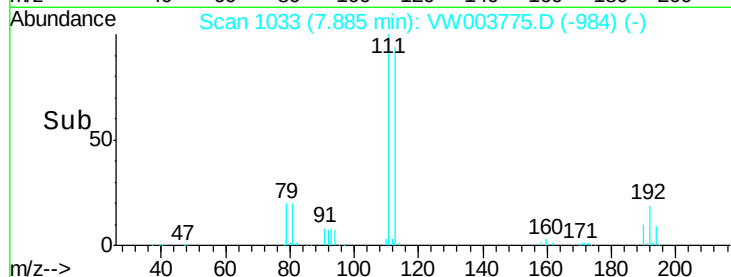
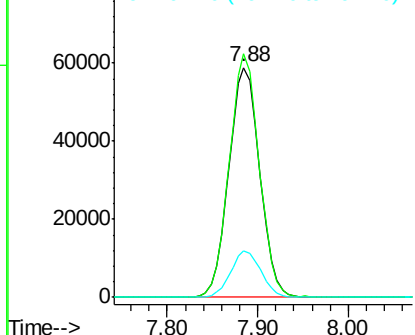
#35
Dibromofluoromethane
Concen: 153.511 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. -0.00 min
Lab File: VW003775.D
Acq: 09 Jul 2018 14:16

Instrument :
MSVOA_W
ClientSampleId :
S-11(7.5-8)RE

Tot Ion:113 Resp: 139124
Ion Ratio Lower Upper
113 100
111 102.5 81.7 122.5
192 19.9 15.8 23.8

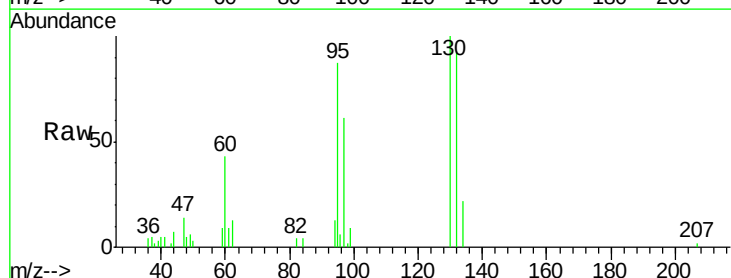


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

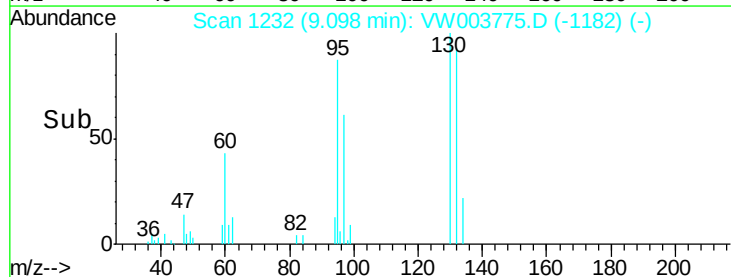
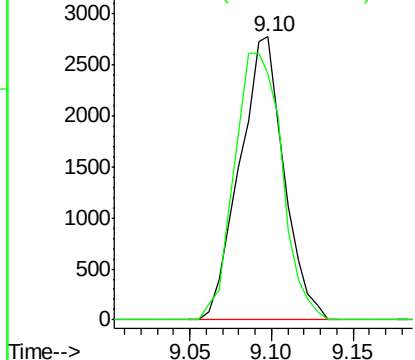


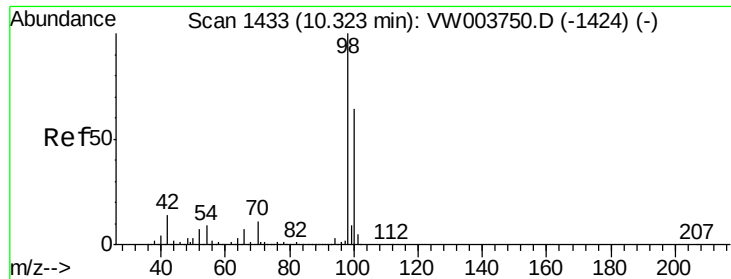
#44
Trichloroethene
Concen: 5.291 ug/l
RT: 9.10 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VW003775.D
Acq: 09 Jul 2018 14:16

Tgt Ion:130 Resp: 5239
Ion Ratio Lower Upper
130 100
95 87.0 0.0 203.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 134.369 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW003775.D

Acq: 09 Jul 2018 14:16

Instrument :

MSVOA_W

ClientSampleId :

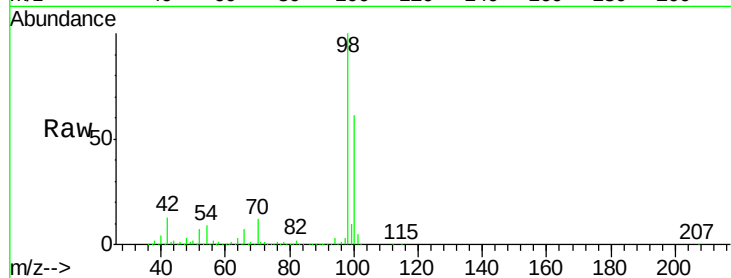
S-11(7.5-8)RE

Tot Ion: 98 Resp: 465820

Ion Ratio Lower Upper

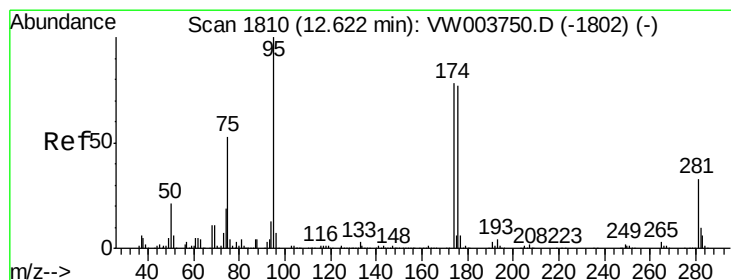
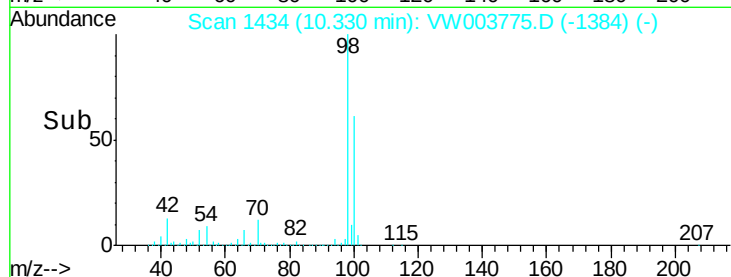
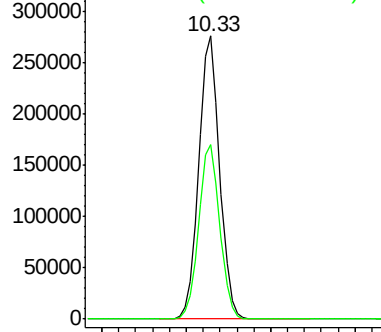
98 100

100 62.3 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 135.983 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003775.D

Acq: 09 Jul 2018 14:16

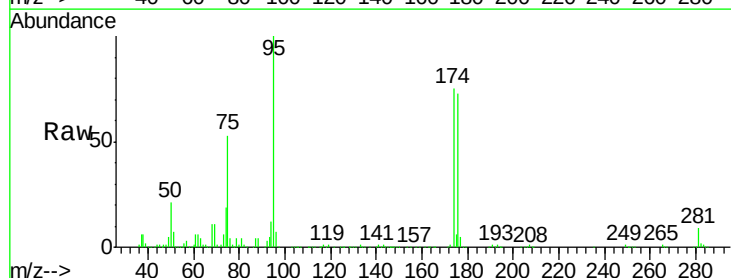
Tgt Ion: 95 Resp: 170566

Ion Ratio Lower Upper

95 100

174 81.5 0.0 163.4

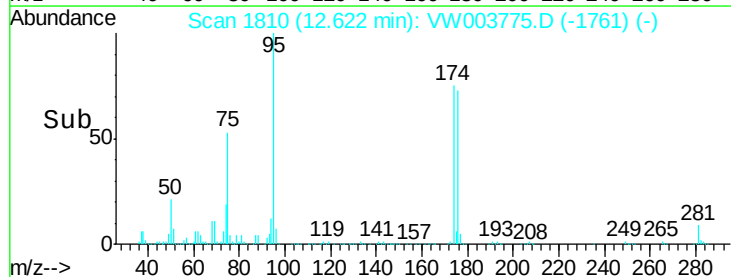
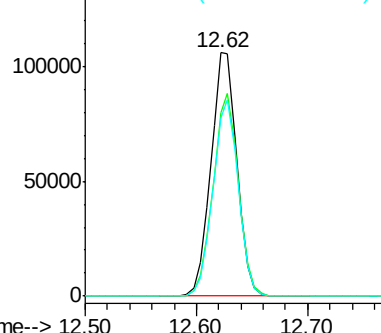
176 78.5 0.0 156.8

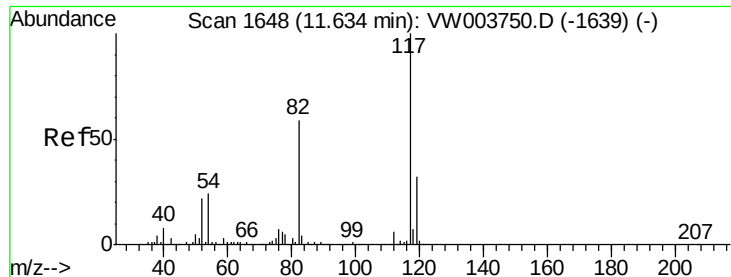


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

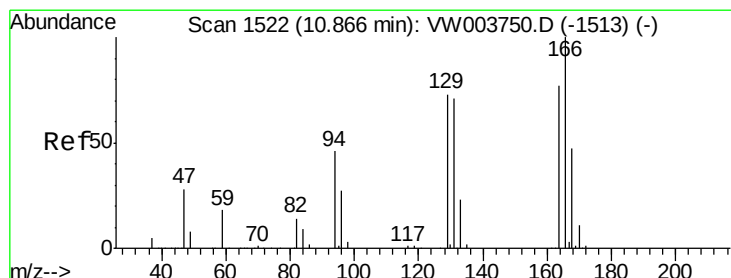
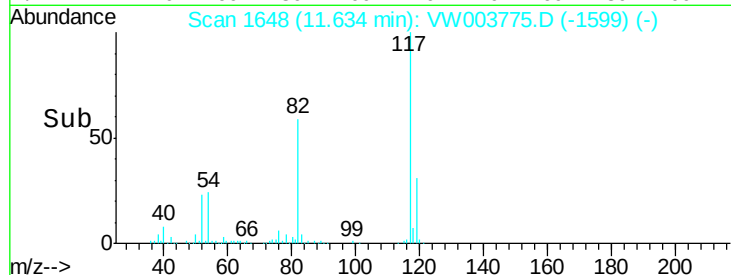
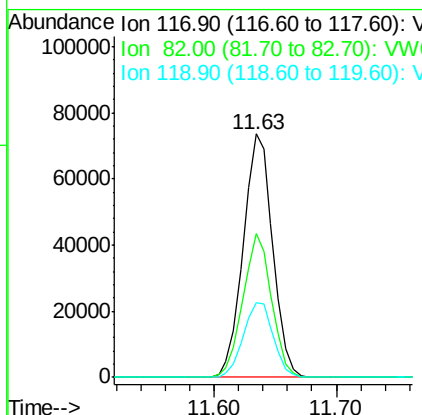
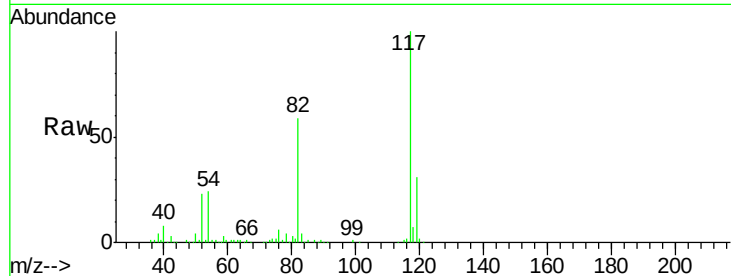




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003775.D
Acq: 09 Jul 2018 14:16

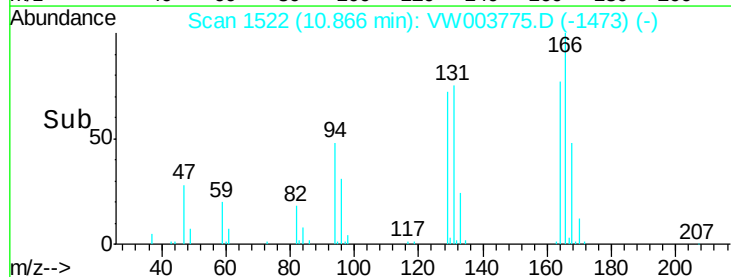
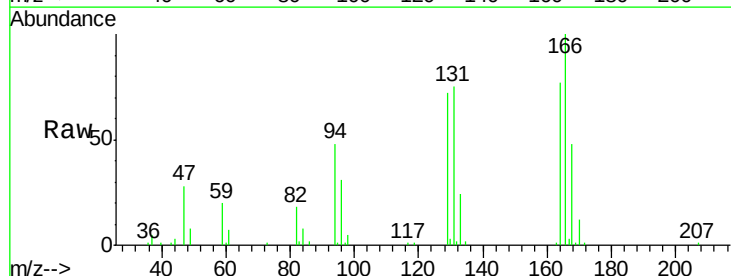
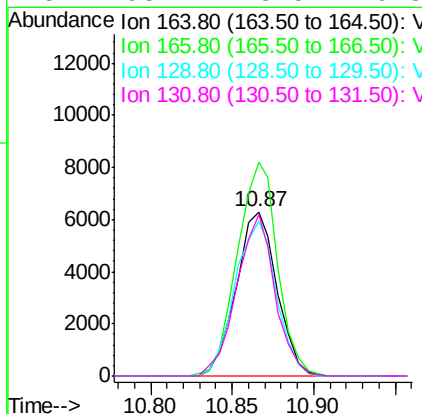
Instrument :
MSVOA_W
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S-11(7.5-8)RE

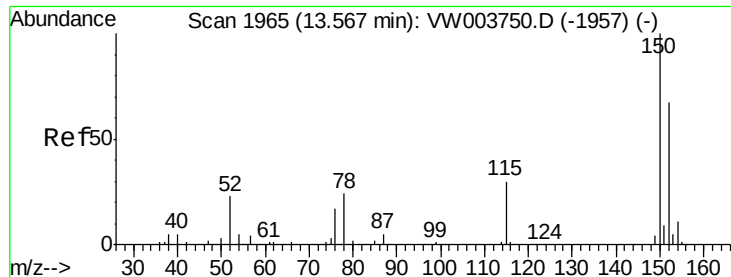
Tot Ion	Ratio	Lower	Upper
117	100		
82	59.0	46.9	70.3
119	30.7	25.5	38.3



#64
Tetrachloroethene
Concen: 12.071 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW003775.D
Acq: 09 Jul 2018 14:16

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.4	104.2	156.4
129	94.2	75.8	113.8
131	98.4	73.5	110.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW003775.D

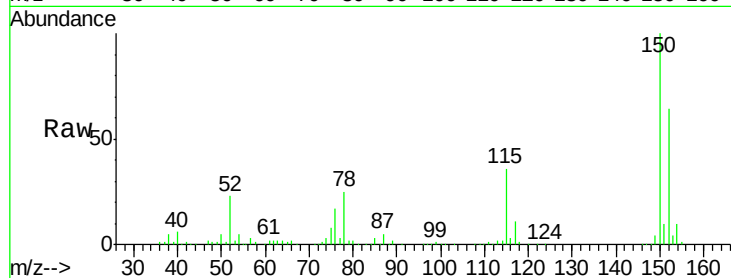
Acq: 09 Jul 2018 14:16

Instrument :

MSVOA_W

ClientSampleId :

S-11(7.5-8)RE



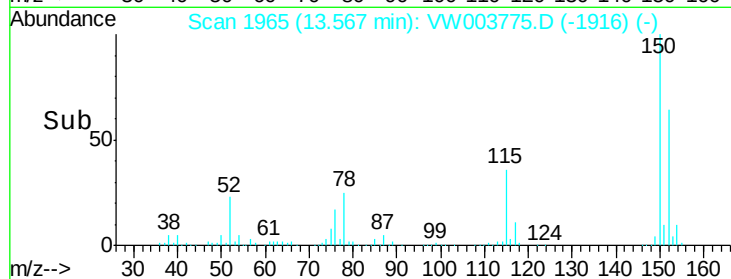
Tot Ion:152 Resp: 59728

Ion Ratio Lower Upper

152 100

115 58.4 28.9 86.8

150 159.1 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

