

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092218\
 Data File : VW005571.D
 Acq On : 21 Sep 2018 19:58
 Operator : VA/AP
 Sample : J4777-13
 Misc : 5.52G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-02-0920-18-B

Quant Time: Sep 21 23:50:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

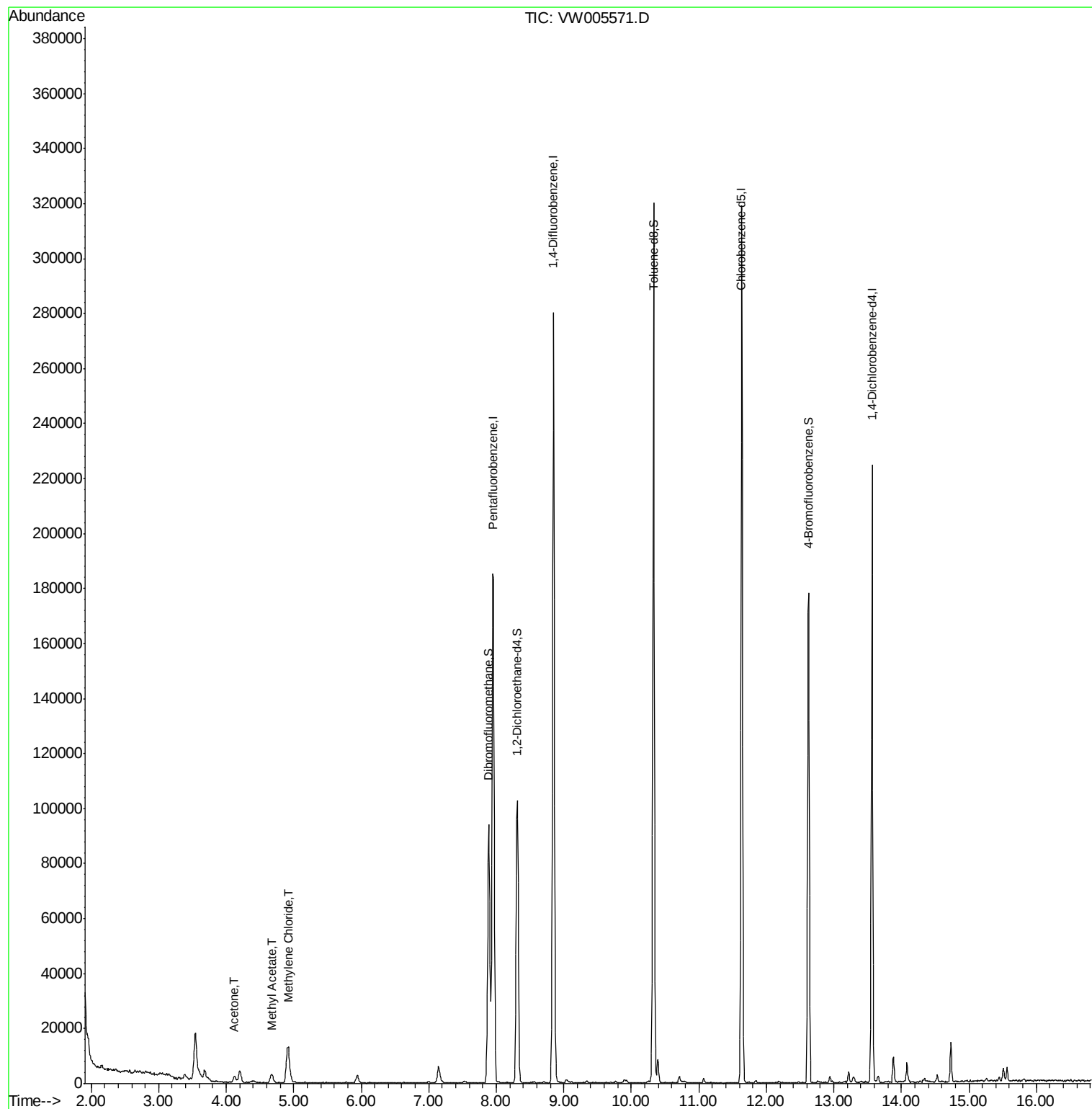
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	138841	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	222533	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	176001	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	57429	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	86571	52.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.86%	
35) Dibromofluoromethane	7.89	113	67160	47.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.98%	
50) Toluene-d8	10.33	98	207242	36.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.74%	
62) 4-Bromofluorobenzene	12.63	95	54145	25.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	51.36%	
Target Compounds						
16) Acetone	4.12	43	4601	8.788	ug/l #	88
18) Methyl Acetate	4.67	43	6080	7.843	ug/l	94
20) Methylene Chloride	4.92	84	10953	4.052	ug/l	97

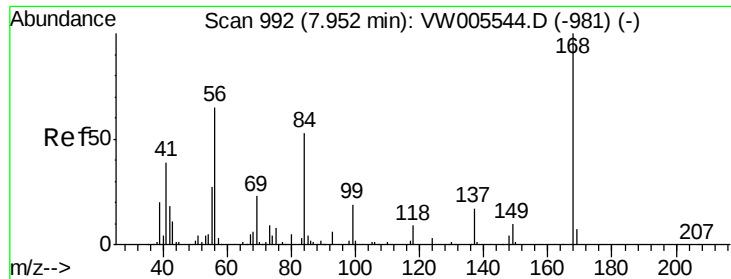
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW005571.D

Acq: 21 Sep 2018 19:58

Instrument :

MSVOA_W

ClientSampleId :

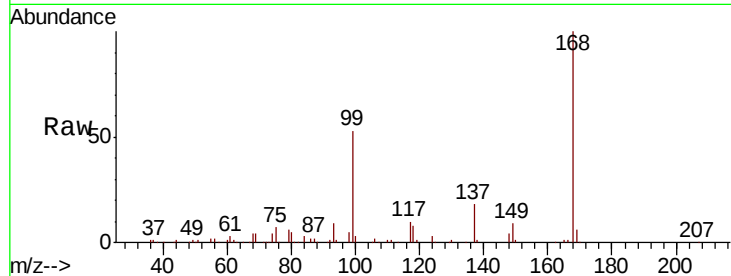
PL-02-0920-18-B

Tot Ion:168 Resp: 138841

Ion Ratio Lower Upper

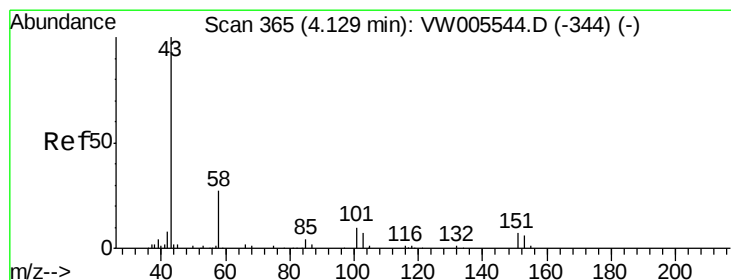
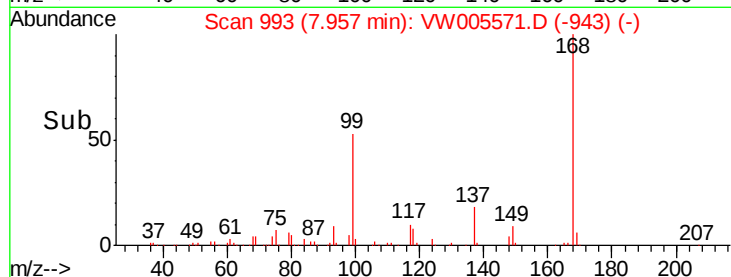
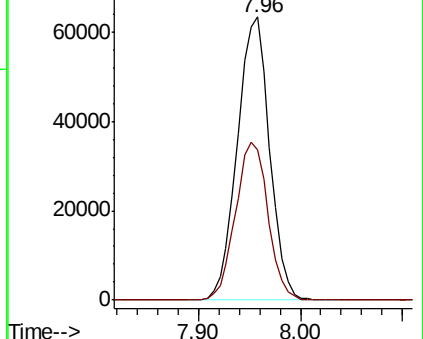
168 100

99 52.9 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 8.788 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW005571.D

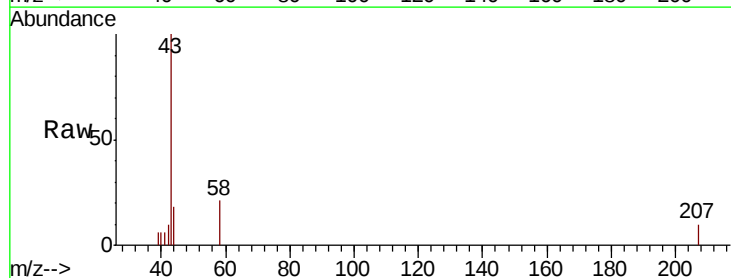
Acq: 21 Sep 2018 19:58

Tgt Ion: 43 Resp: 4601

Ion Ratio Lower Upper

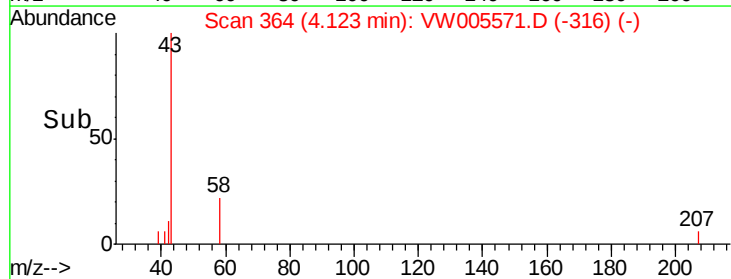
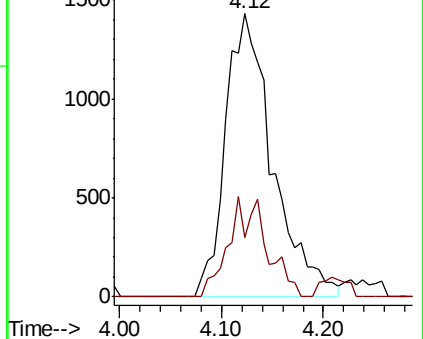
43 100

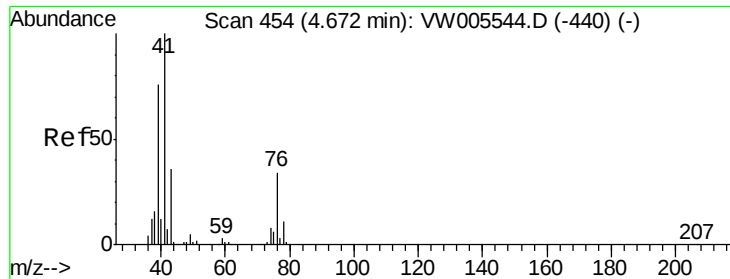
58 20.8 21.8 32.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

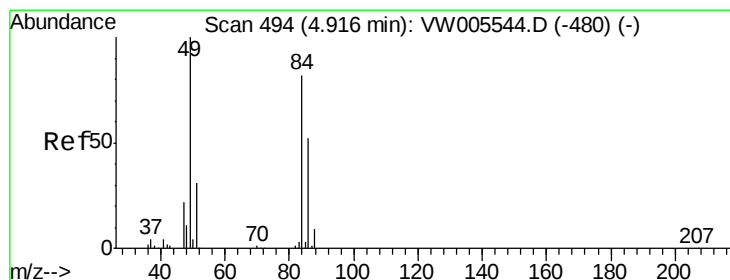
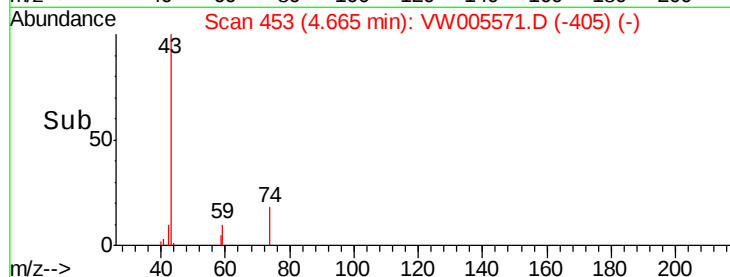
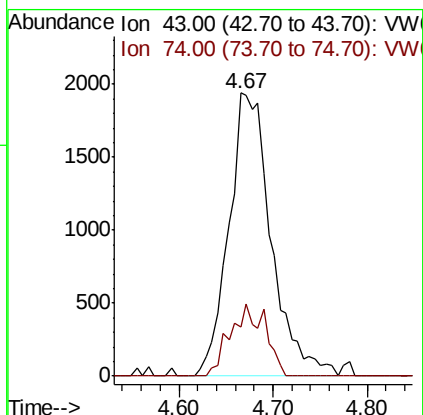
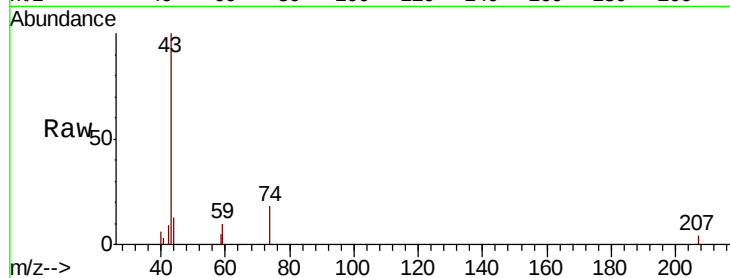




#18
Methyl Acetate
Concen: 7.843 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW005571.D
Acq: 21 Sep 2018 19:58

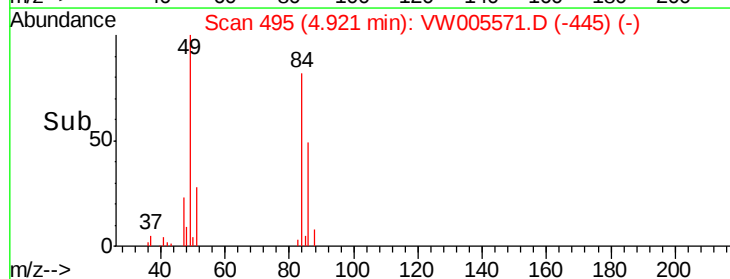
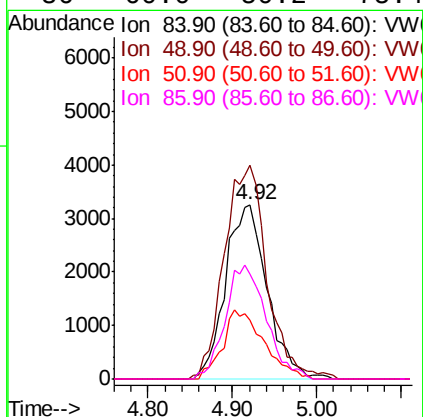
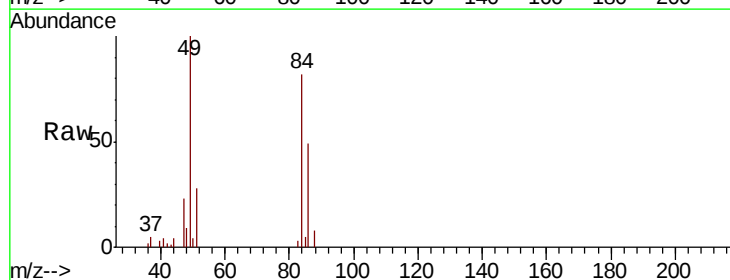
Instrument :
MSVOA_W
ClientSampleId :
PL-02-0920-18-B

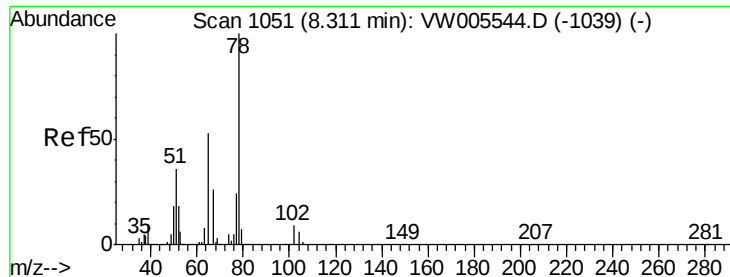
Tot Ion: 43 Resp: 6080
Ion Ratio Lower Upper
43 100
74 21.1 19.2 28.8



#20
Methylene Chloride
Concen: 4.052 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW005571.D
Acq: 21 Sep 2018 19:58

Tgt Ion: 84 Resp: 10953
Ion Ratio Lower Upper
84 100
49 122.4 97.0 145.6
51 33.8 30.2 45.2
86 60.0 50.2 75.4

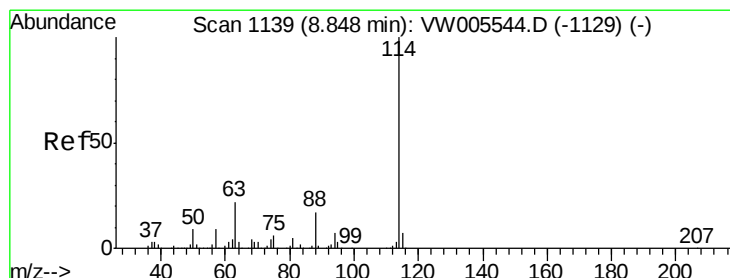
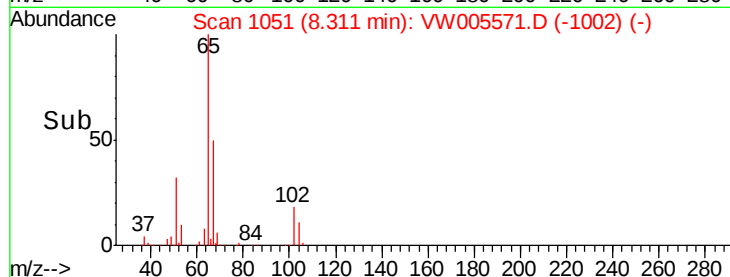
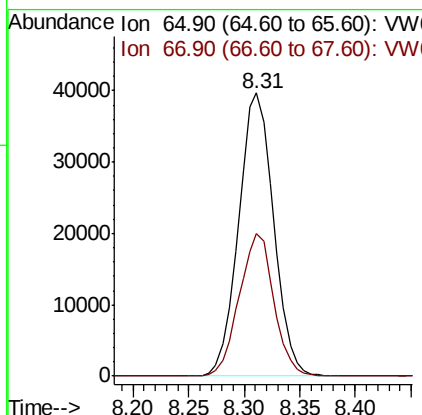
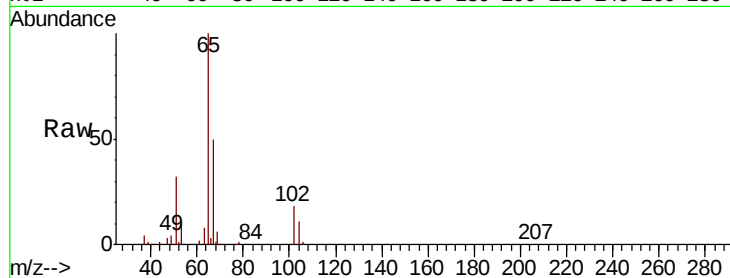




#33
 1,2-Dichloroethane-d4
 Concen: 52.928 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005571.D
 Acq: 21 Sep 2018 19:58

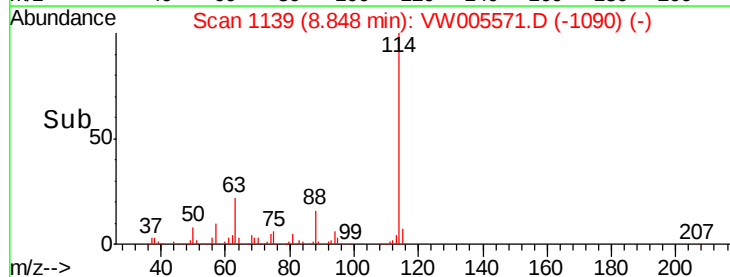
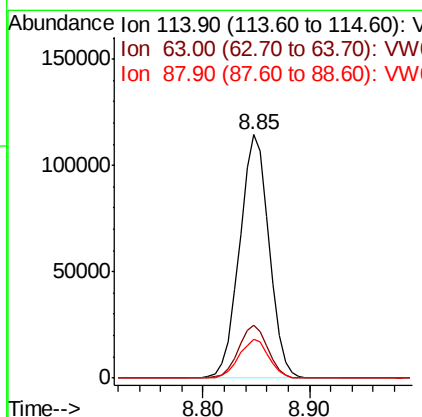
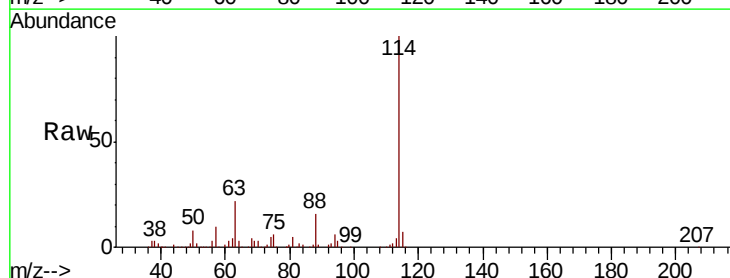
Instrument :
 MSVOA_W
 ClientSampleId :
 PL-02-0920-18-B

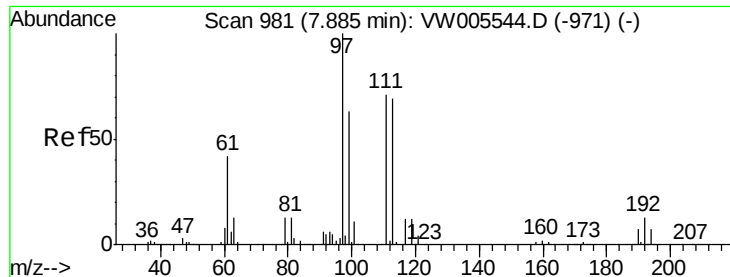
Tot Ion	Ratio	Lower	Upper
65	100		
67	49.7	0.0	100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005571.D
 Acq: 21 Sep 2018 19:58

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	43.0
88	15.9	0.0	33.0

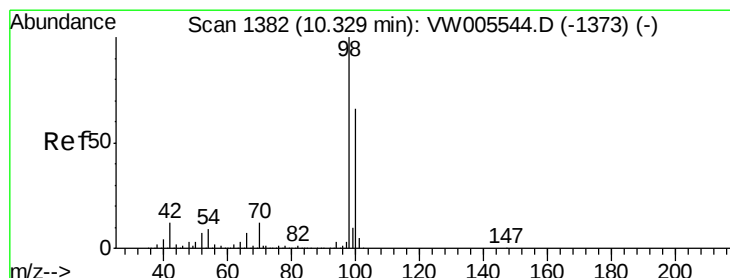
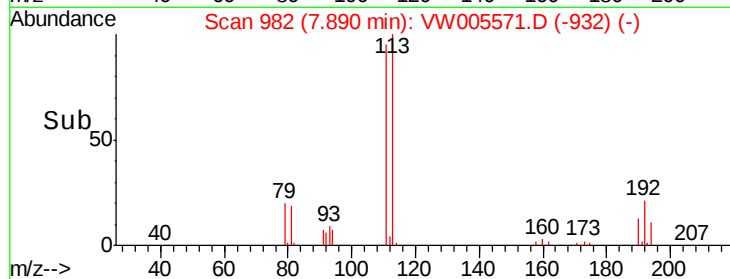
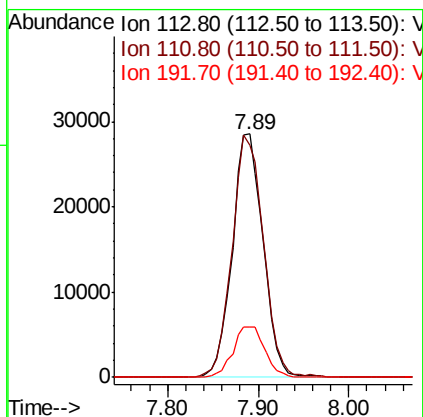
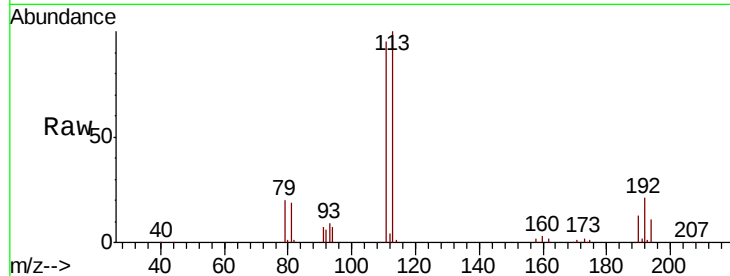




#35
 Dibromofluoromethane
 Concen: 47.991 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005571.D
 Acq: 21 Sep 2018 19:58

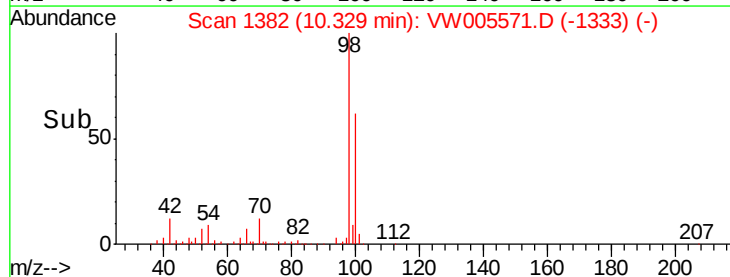
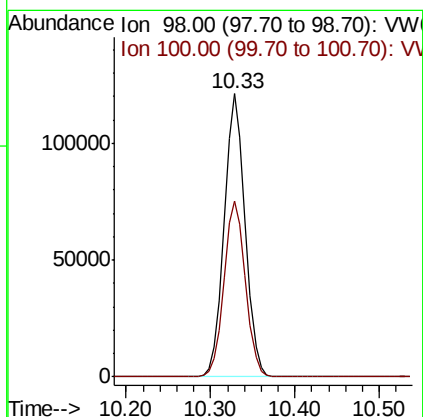
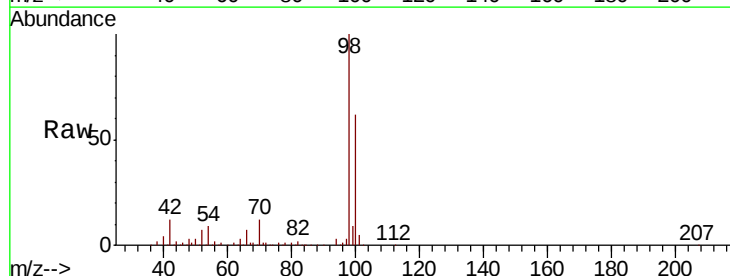
Instrument :
 MSVOA_W
 ClientSampleId :
 PL-02-0920-18-B

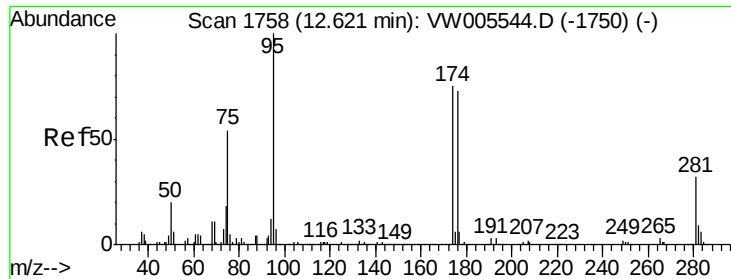
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.6	123.8
192	21.5	17.0	25.4



#50
 Toluene-d8
 Concen: 36.370 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VW005571.D
 Acq: 21 Sep 2018 19:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.0	51.6	77.4

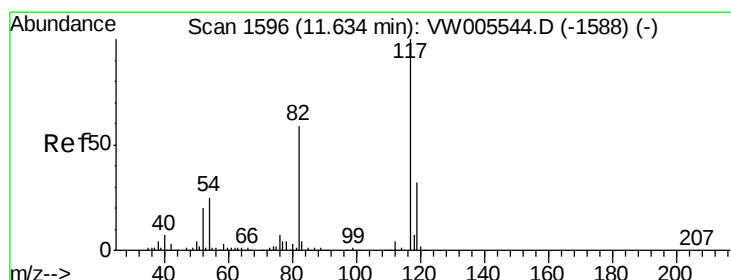
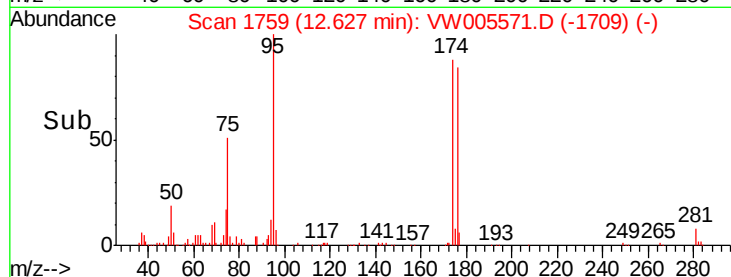
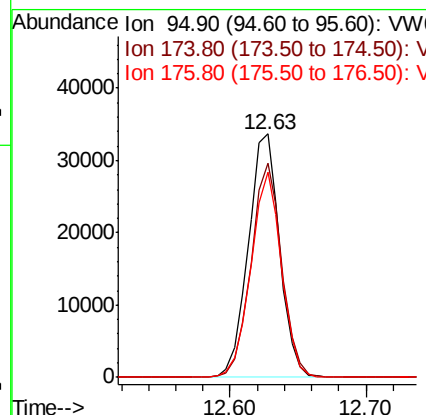
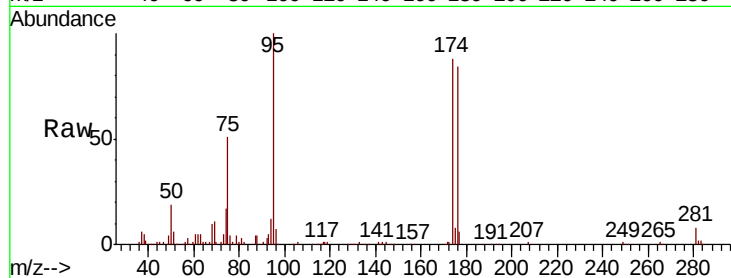




#62
4-Bromofluorobenzene
Concen: 25.680 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. 0.01 min
Lab File: VW005571.D
Acq: 21 Sep 2018 19:58

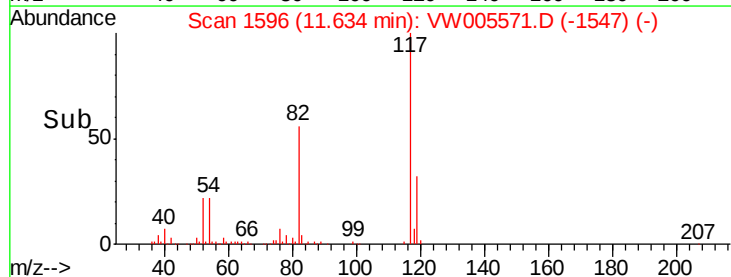
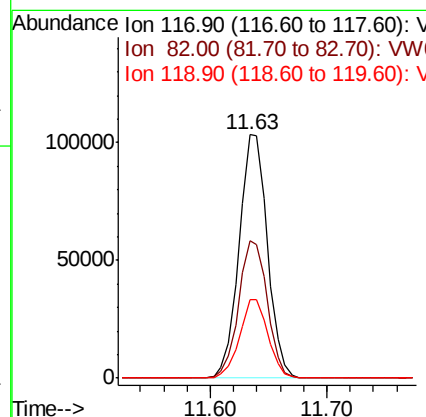
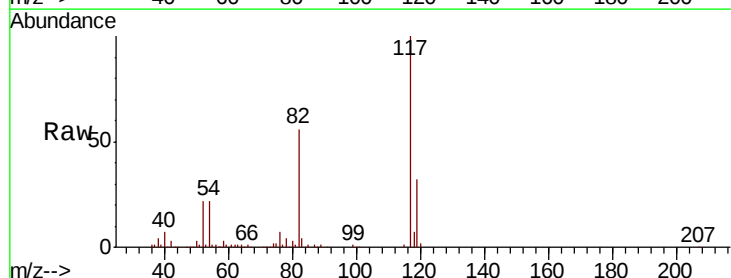
Instrument :
MSVOA_W
ClientSampleId :
PL-02-0920-18-B

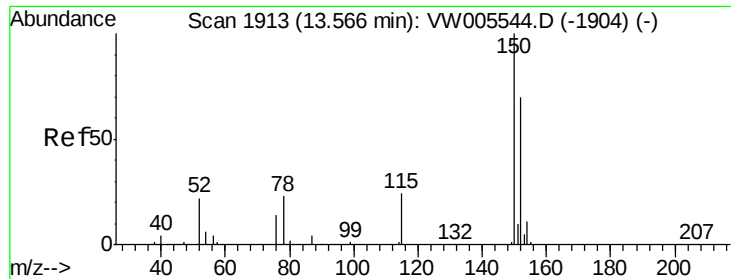
Tot Ion: 95 Resp: 54145
Ion Ratio Lower Upper
95 100
174 86.3 0.0 163.8
176 82.6 0.0 158.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005571.D
Acq: 21 Sep 2018 19:58

Tgt Ion: 117 Resp: 176001
Ion Ratio Lower Upper
117 100
82 56.5 46.9 70.3
119 32.3 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005571.D

Acq: 21 Sep 2018 19:58

Instrument :

MSVOA_W

ClientSampleId :

PL-02-0920-18-B

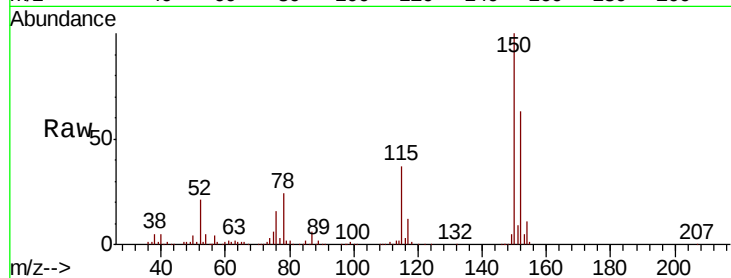
Tot Ion:152 Resp: 57429

Ion Ratio Lower Upper

152 100

115 58.2 30.0 90.0

150 160.2 0.0 348.6



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

