

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110318\
 Data File : VW006582.D
 Acq On : 02 Nov 2018 02:53
 Operator : SY/AP
 Sample : J5202-11RE
 Misc : 6.54G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-02-103018-CRE

Quant Time: Nov 02 08:48:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

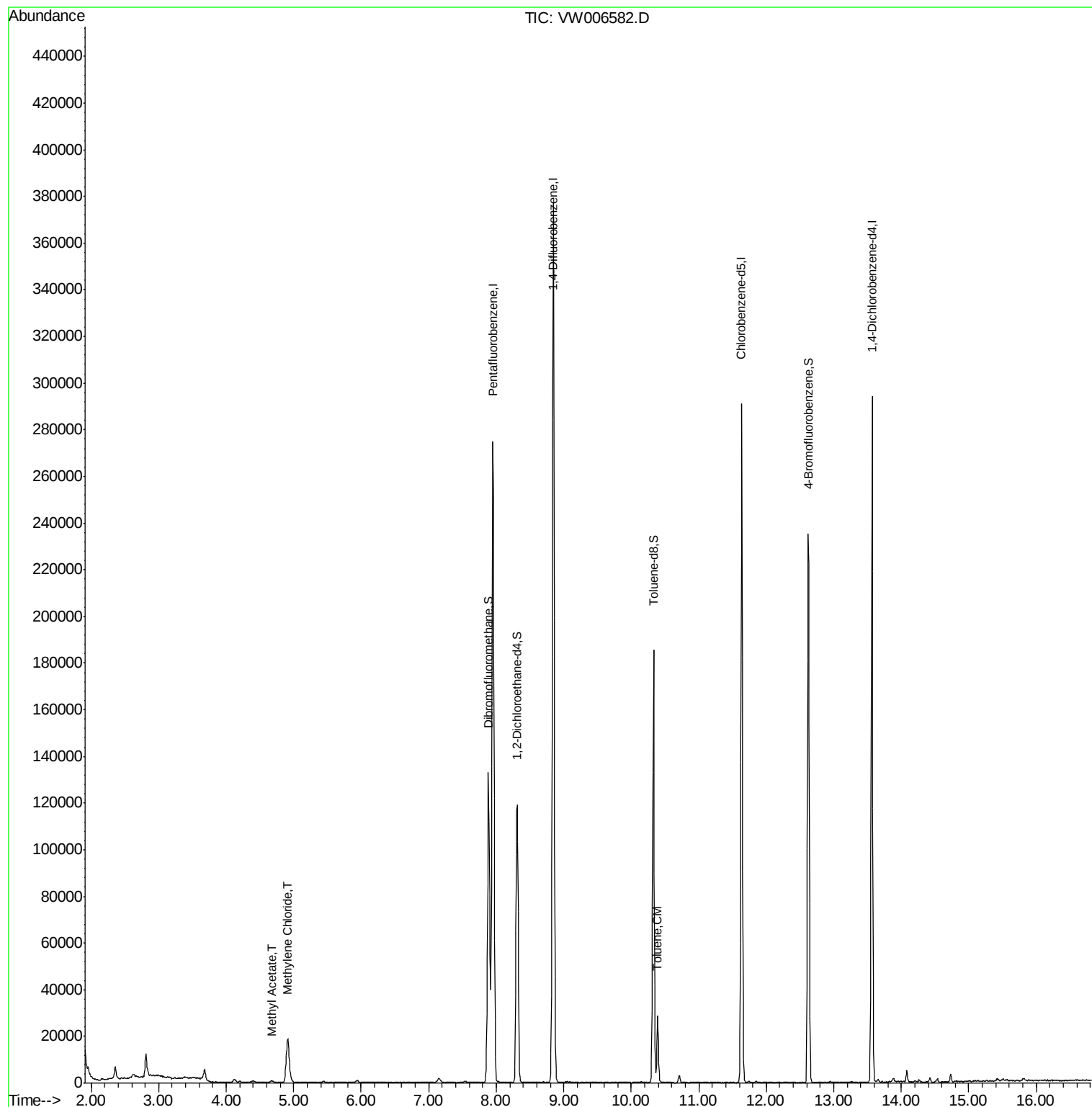
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	229971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	339929	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	169781	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	83165	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	95749	48.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.88%	
35) Dibromofluoromethane	7.88	113	92484	43.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.70%	
50) Toluene-d8	10.32	98	131592	16.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	32.40%	
62) 4-Bromofluorobenzene	12.62	95	72915	24.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	49.54%	
Target Compounds						
18) Methyl Acetate	4.67	43	1390	1.515	ug/l	90
20) Methylene Chloride	4.90	84	15729	1.853	ug/l	94
52) Toluene	10.39	92	11803	2.073	ug/l	97

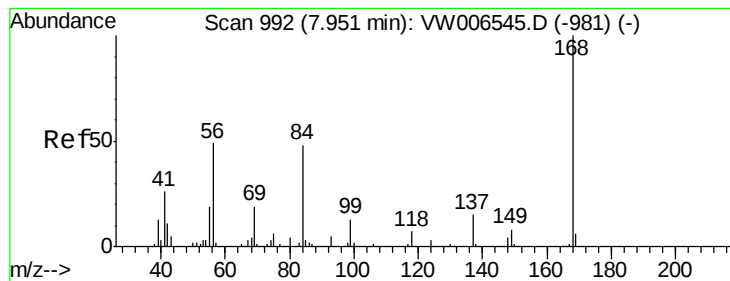
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006582.D

Acq: 02 Nov 2018 02:53

Instrument :

MSVOA_W

ClientSampleId :

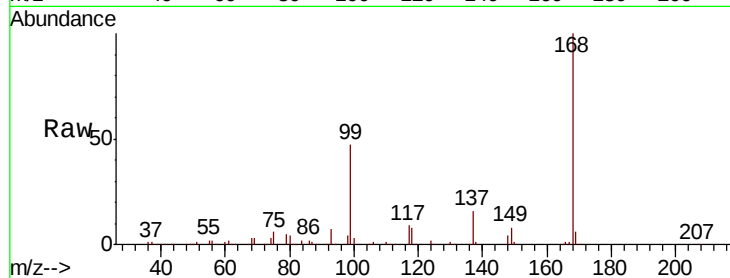
PL-02-103018-CRE

Tot Ion:168 Resp: 229971

Ion Ratio Lower Upper

168 100

99 46.8 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

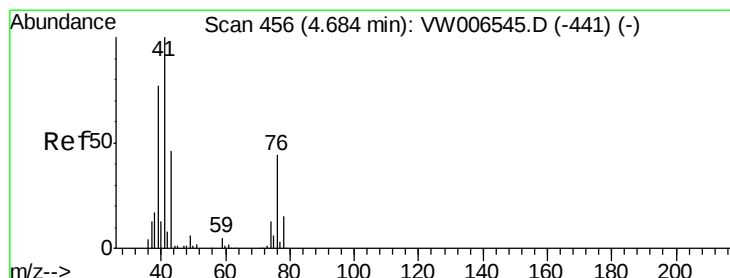
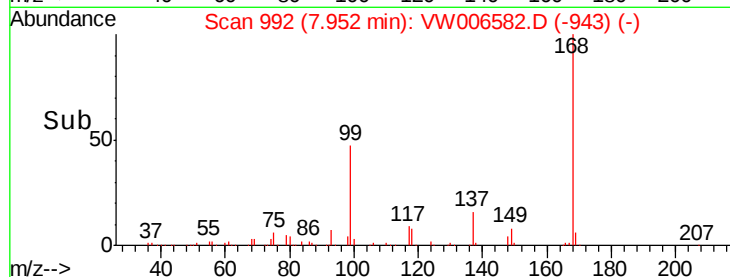
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#18

Methyl Acetate

Concen: 1.515 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW006582.D

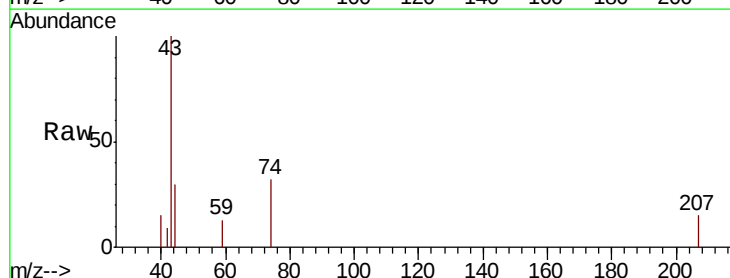
Acq: 02 Nov 2018 02:53

Tgt Ion: 43 Resp: 1390

Ion Ratio Lower Upper

43 100

74 22.2 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

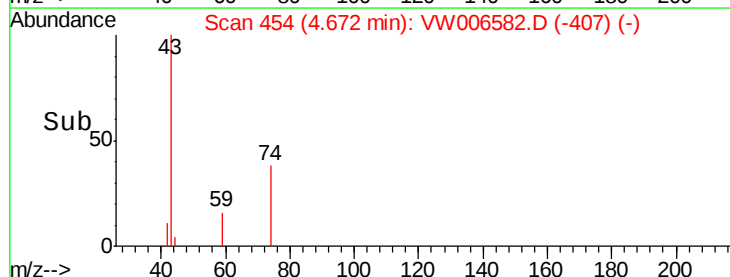
600

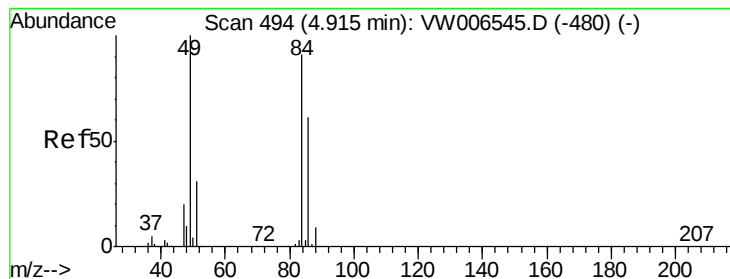
400

200

0

Time--> 4.60 4.65 4.70 4.75





#20

Methylene Chloride

Concen: 1.853 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW006582.D

Acq: 02 Nov 2018 02:53

Instrument :

MSVOA_W

ClientSampleId :

PL-02-103018-CRE

Tot Ion: 84 Resp: 15729

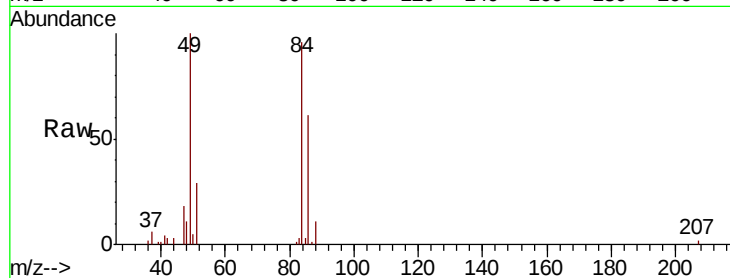
Ion Ratio Lower Upper

84 100

49 103.9 88.2 132.4

51 30.6 27.0 40.6

86 63.0 53.8 80.8



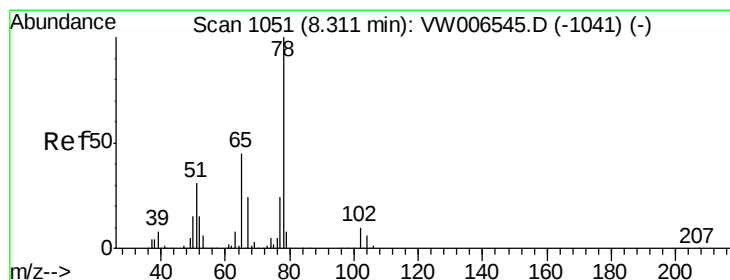
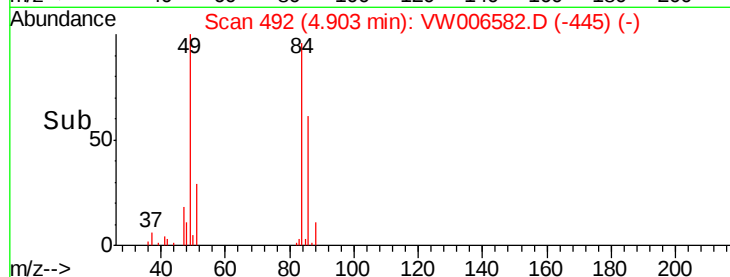
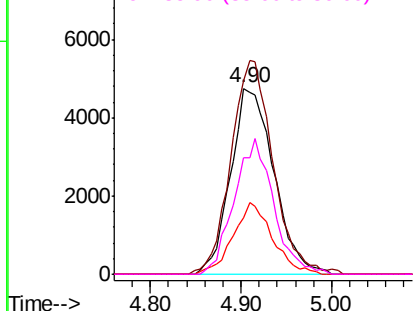
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#33

1,2-Dichloroethane-d4

Concen: 48.436 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006582.D

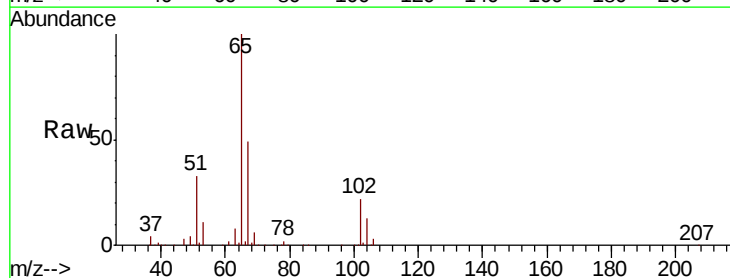
Acq: 02 Nov 2018 02:53

Tgt Ion: 65 Resp: 95749

Ion Ratio Lower Upper

65 100

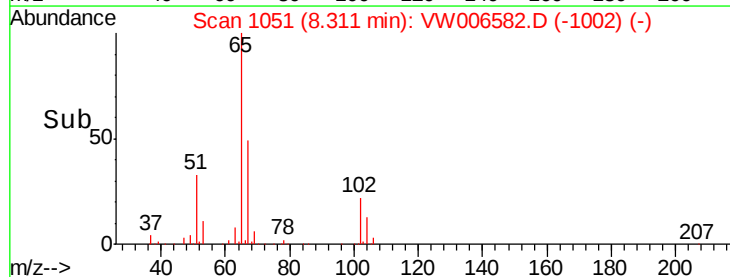
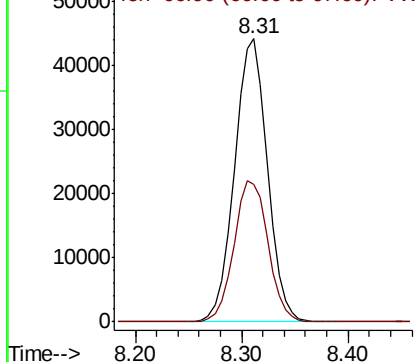
67 51.7 0.0 104.4

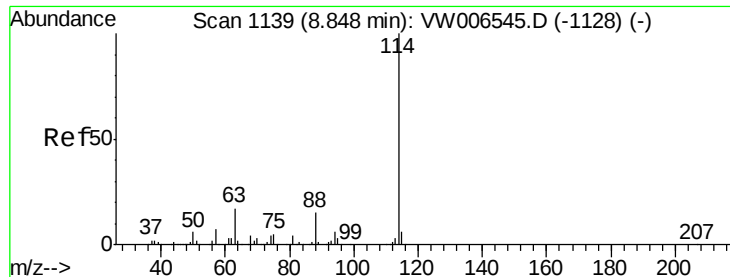


Abundance

Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

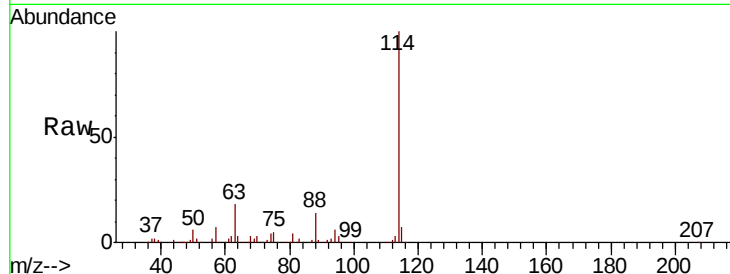




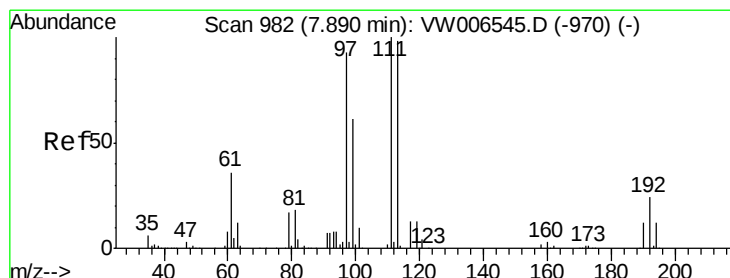
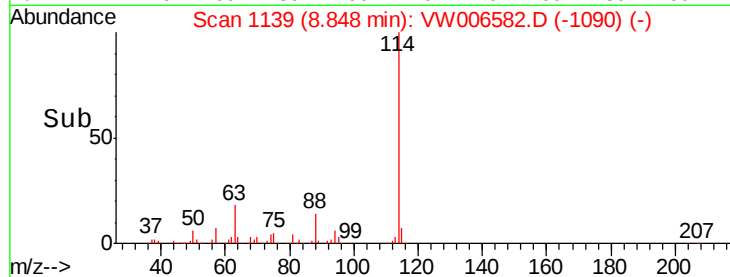
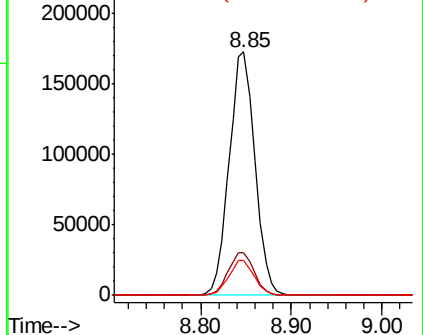
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006582.D
 Acq: 02 Nov 2018 02:53

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-02-103018-CRE

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	34.4
88	14.5	0.0	29.0

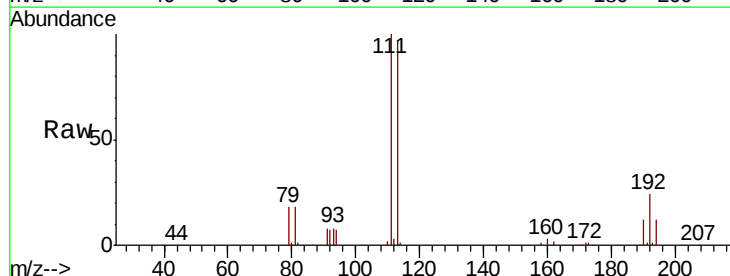


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

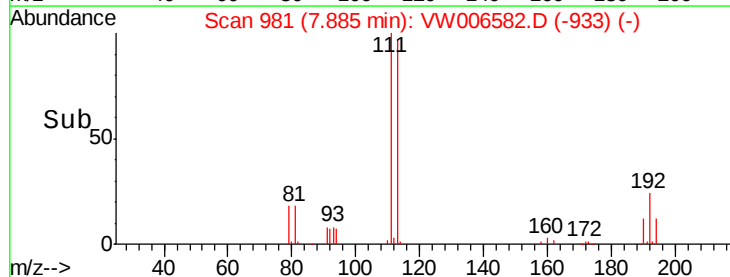
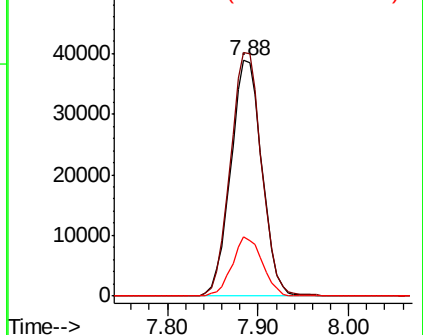


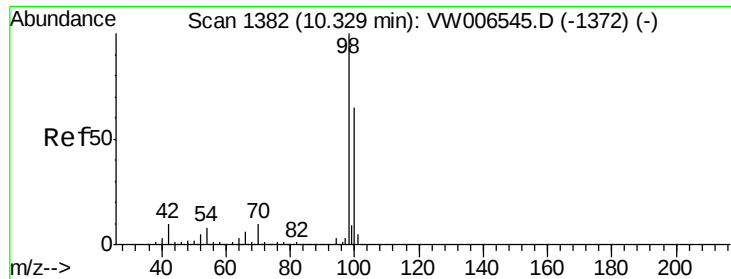
#35
 Dibromofluoromethane
 Concen: 43.352 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006582.D
 Acq: 02 Nov 2018 02:53

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.2	123.2
192	24.4	19.0	28.6



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

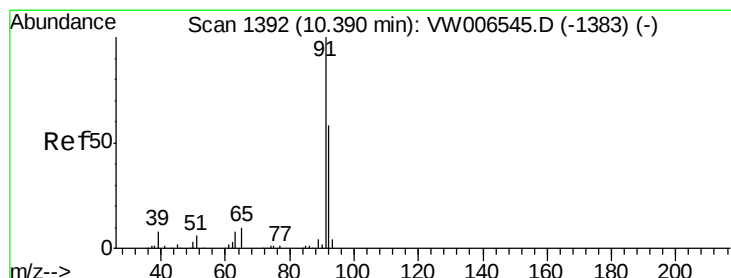
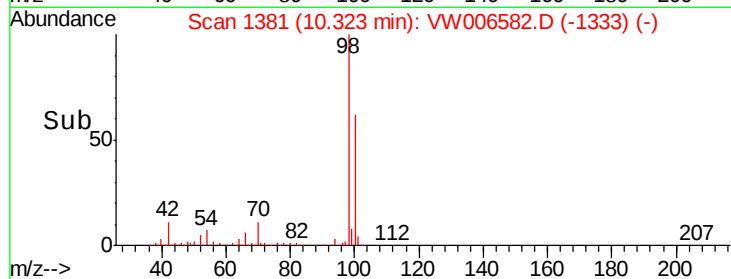
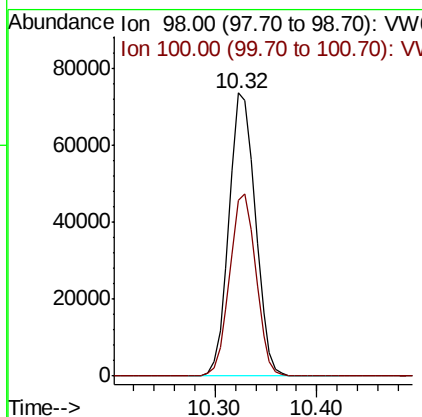
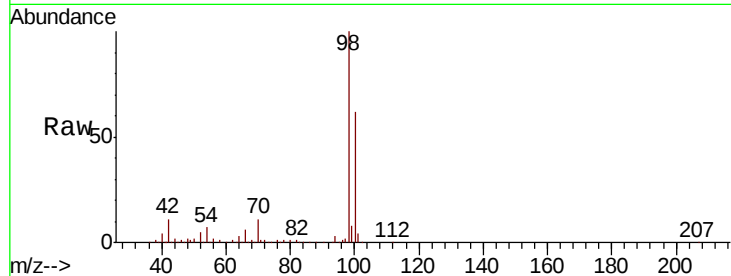




#50
Toluene-d8
Concen: 16.204 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006582.D
Acq: 02 Nov 2018 02:53

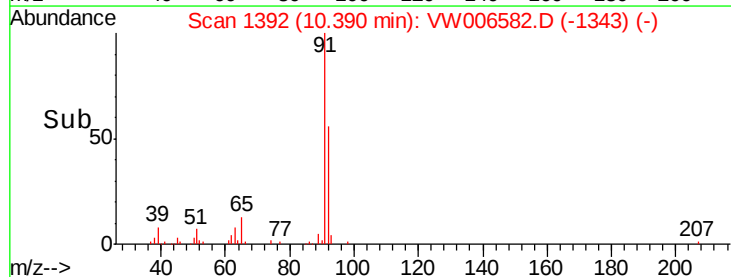
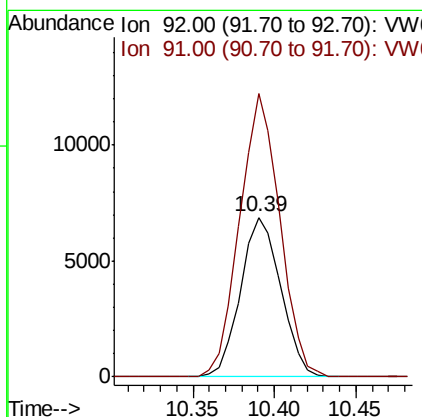
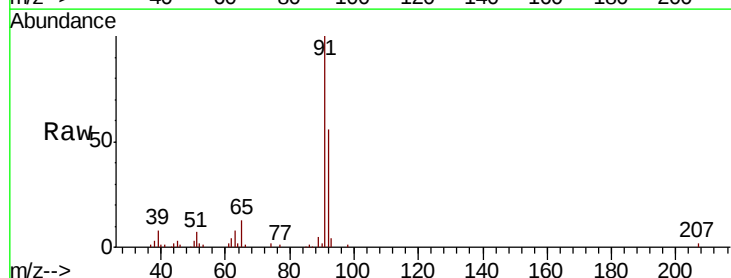
Instrument :
MSVOA_W
ClientSampleId :
PL-02-103018-CRE

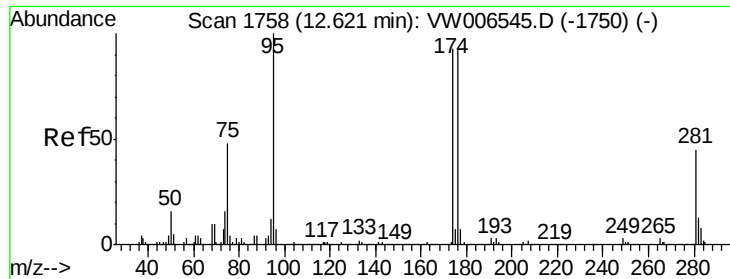
Tot Ion: 98 Resp: 131592
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4



#52
Toluene
Concen: 2.073 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW006582.D
Acq: 02 Nov 2018 02:53

Tgt Ion: 92 Resp: 11803
Ion Ratio Lower Upper
92 100
91 177.3 138.6 208.0

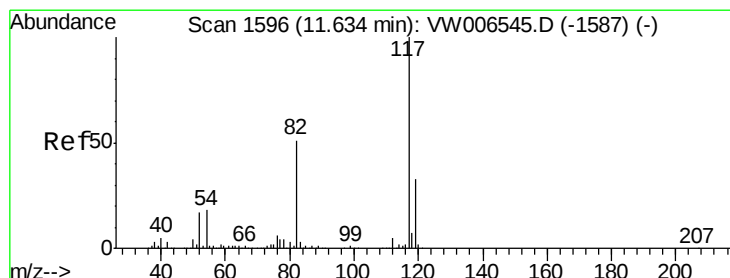
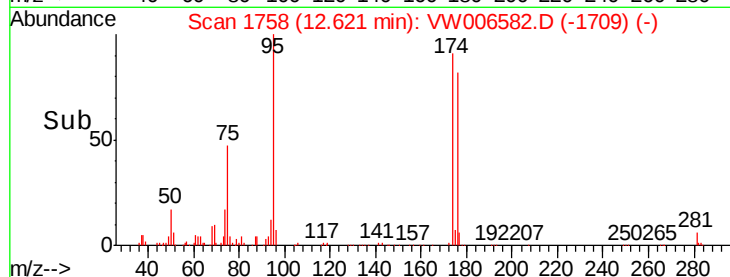
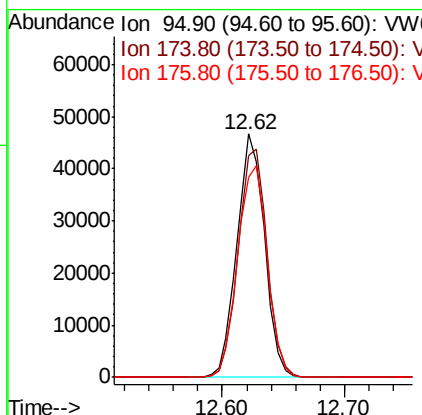
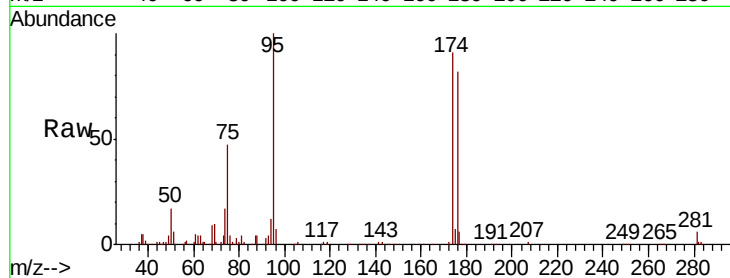




#62
4-Bromofluorobenzene
Concen: 24.765 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006582.D
Acq: 02 Nov 2018 02:53

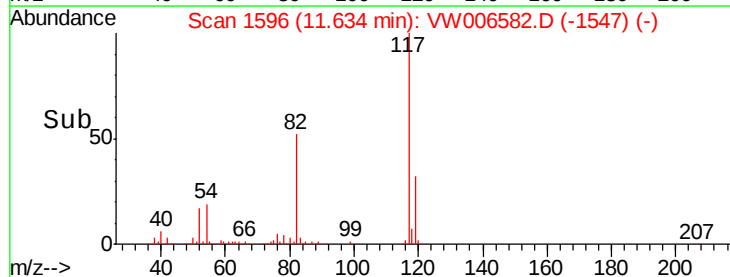
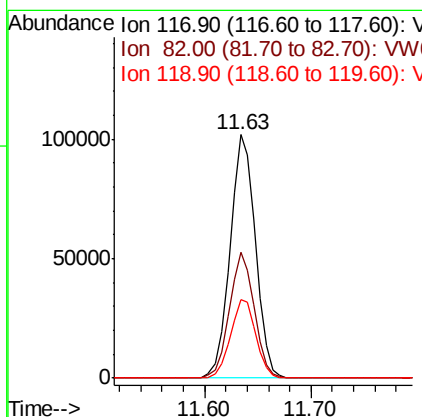
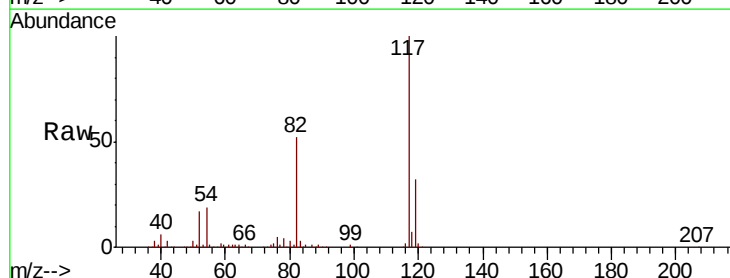
Instrument :
MSVOA_W
ClientSampleId :
PL-02-103018-CRE

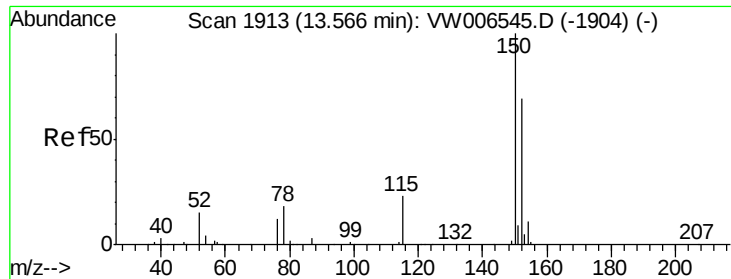
Tot Ion: 95 Resp: 72915
Ion Ratio Lower Upper
95 100
174 98.2 0.0 192.4
176 93.6 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006582.D
Acq: 02 Nov 2018 02:53

Tgt Ion: 117 Resp: 169781
Ion Ratio Lower Upper
117 100
82 51.9 40.8 61.2
119 32.2 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006582.D

Acq: 02 Nov 2018 02:53

Instrument :

MSVOA_W

ClientSampleId :

PL-02-103018-CRE

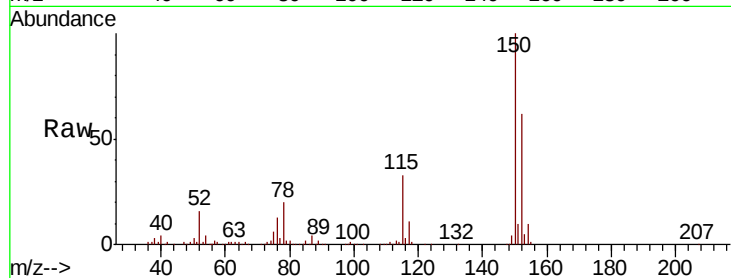
Tot Ion:152 Resp: 83165

Ion Ratio Lower Upper

152 100

115 52.8 26.6 79.8

150 160.9 0.0 344.6



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

