

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW050818\
 Data File : VW002319.D
 Acq On : 09 May 2018 03:20
 Operator : JC/SY
 Sample : J2680-07
 Misc : 5.85G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-02-050418-D

Quant Time: May 09 08:51:33 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 08 03:57:58 2018
 Response via : Initial Calibration

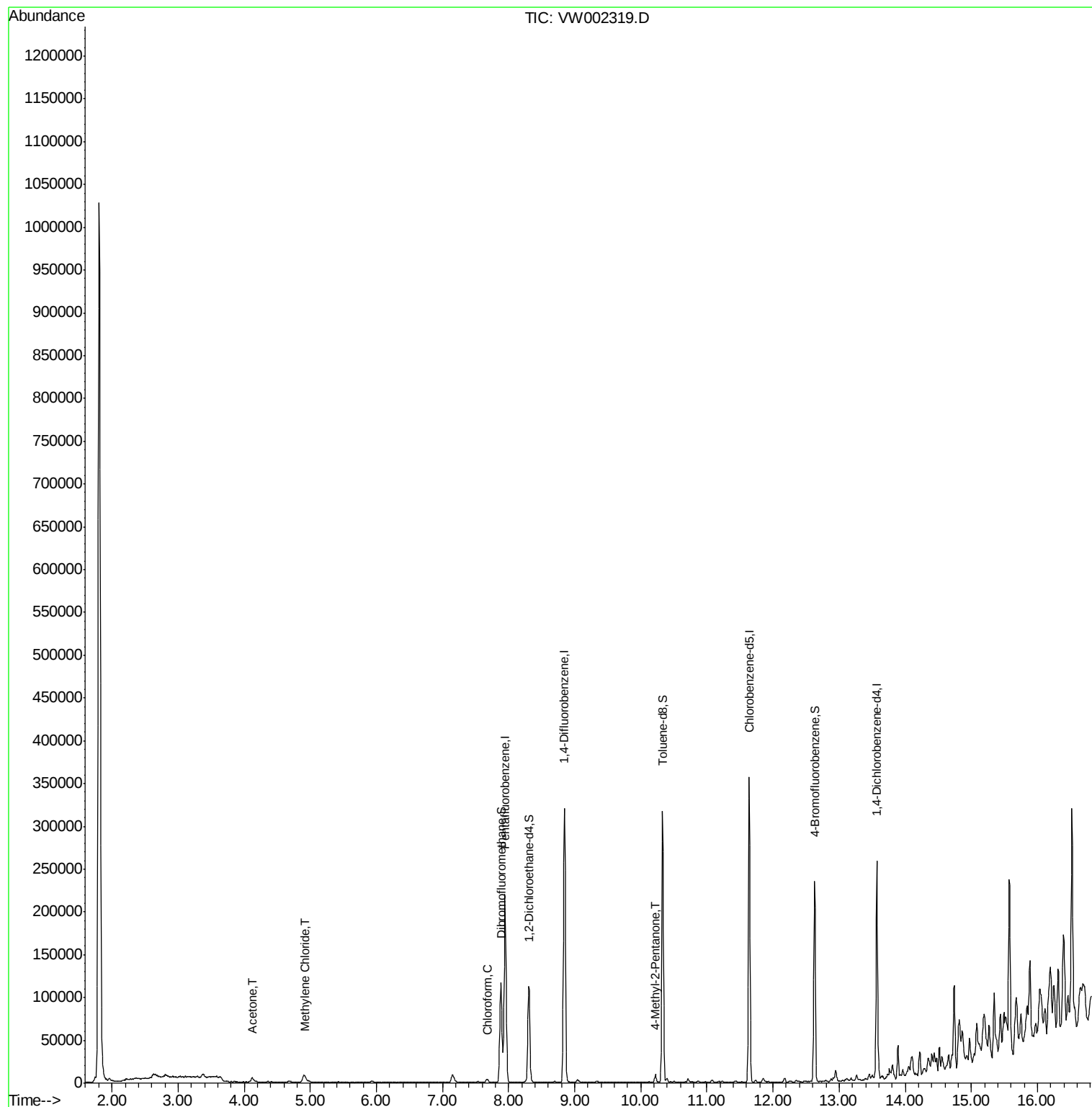
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	171647	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	273495	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	193338	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	68978	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	88018	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
35) Dibromofluoromethane	7.88	113	81712	46.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.22%	
50) Toluene-d8	10.33	98	206976	30.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	61.92%	
62) 4-Bromofluorobenzene	12.63	95	72384	29.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	59.92%	
Target Compounds						
16) Acetone	4.12	43	9111	25.59	ug/l	90
20) Methylene Chloride	4.92	84	7342	4.28	ug/l #	92
30) Chloroform	7.68	83	3761	1.18	ug/l	91
51) 4-Methyl-2-Pentanone	10.22	43	6390	5.07	ug/l	100

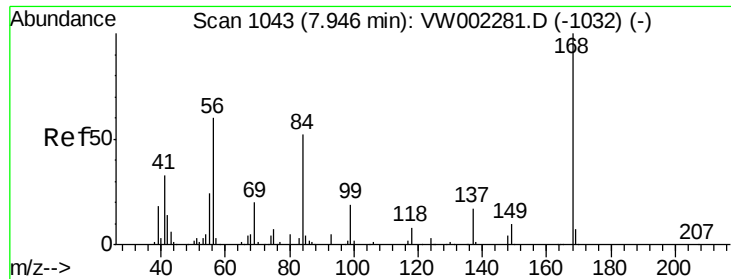
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VW002319.D

Acq: 09 May 2018 03:20

Instrument :

MSVOA_W

ClientSampleId :

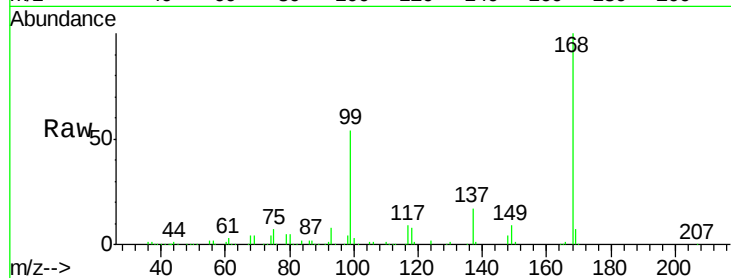
PL-02-050418-D

Tot Ion:168 Resp: 171647

Ion Ratio Lower Upper

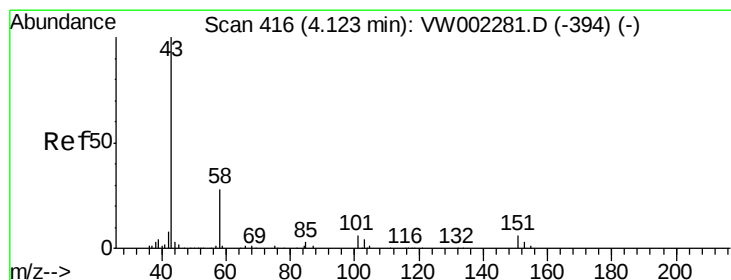
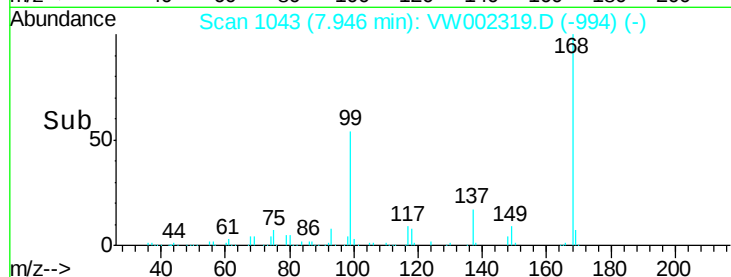
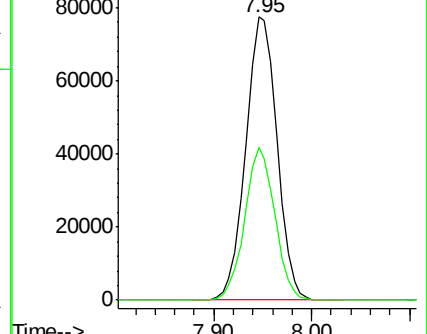
168 100

99 54.0 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 25.59 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.00 min

Lab File: VW002319.D

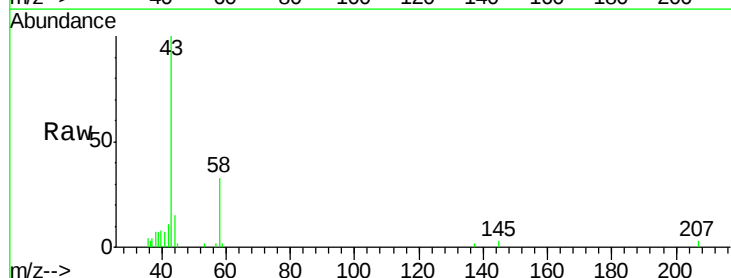
Acq: 09 May 2018 03:20

Tgt Ion: 43 Resp: 9111

Ion Ratio Lower Upper

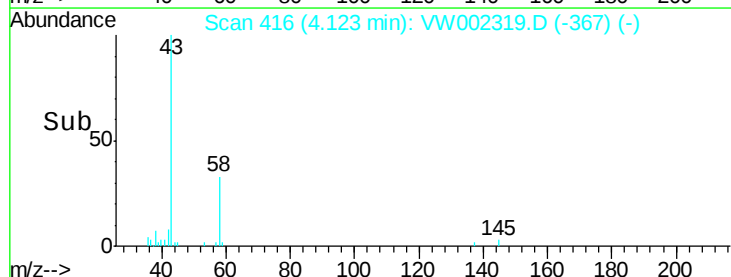
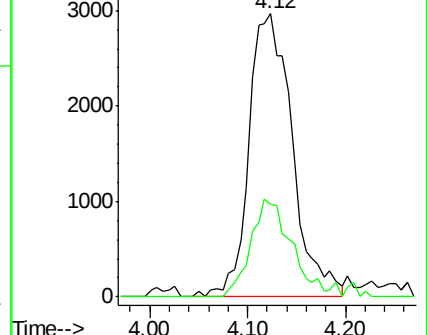
43 100

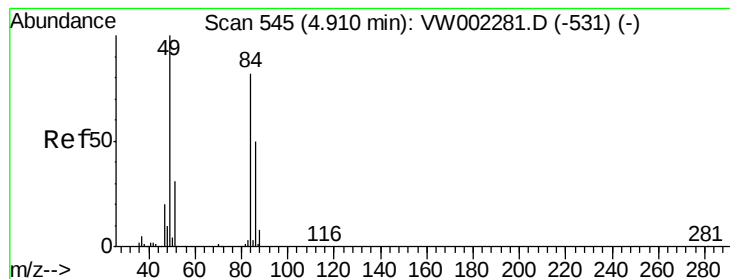
58 32.9 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 4.28 ug/l

RT: 4.92 min Scan# 546

Delta R.T. 0.01 min

Lab File: VW002319.D

Acq: 09 May 2018 03:20

Instrument :

MSVOA_W

ClientSampled :

PL-02-050418-D

Tot Ion: 84 Resp: 7342

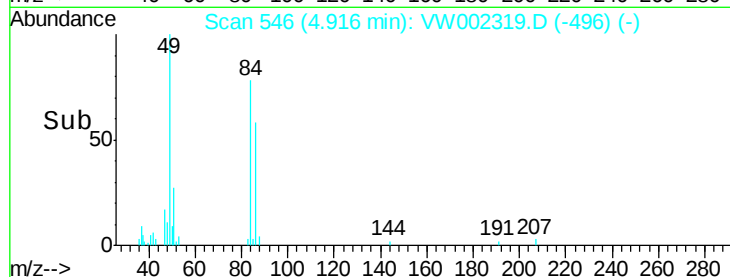
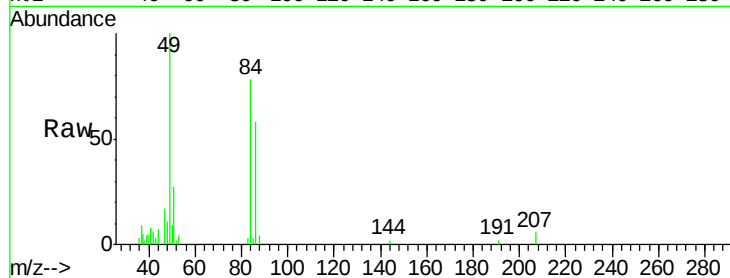
Ion Ratio Lower Upper

84 100

49 127.8 97.7 146.5

51 34.8 30.2 45.4

86 73.6 48.9 73.3#

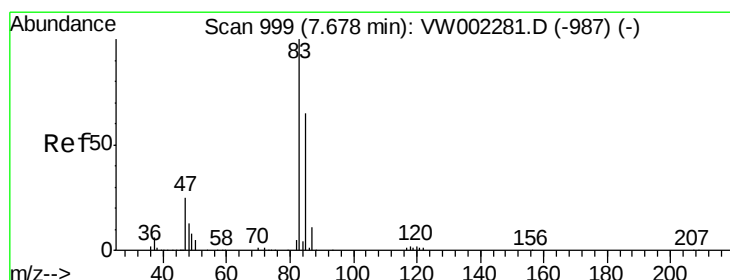
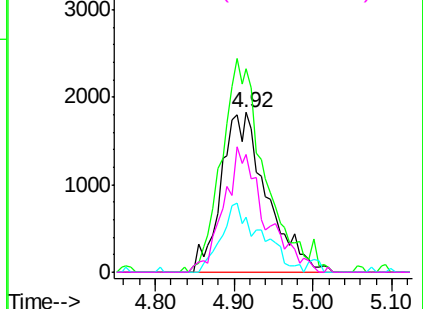


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#30

Chloroform

Concen: 1.18 ug/l

RT: 7.68 min Scan# 1000

Delta R.T. 0.01 min

Lab File: VW002319.D

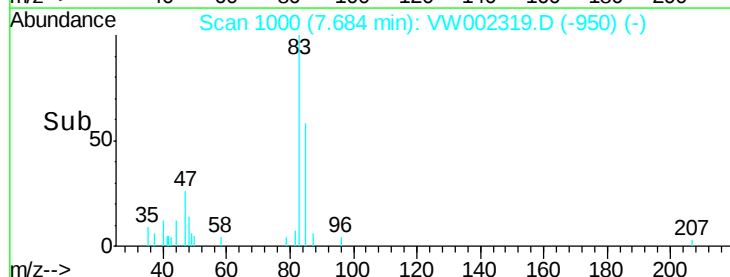
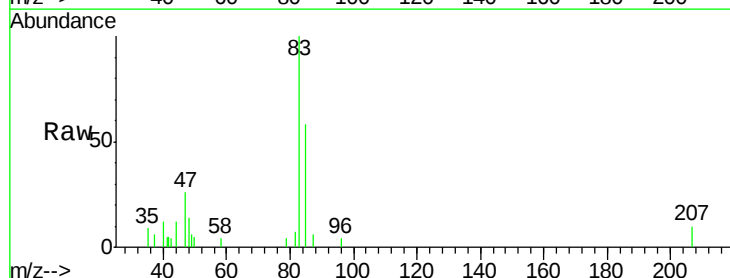
Acq: 09 May 2018 03:20

Tgt Ion: 83 Resp: 3761

Ion Ratio Lower Upper

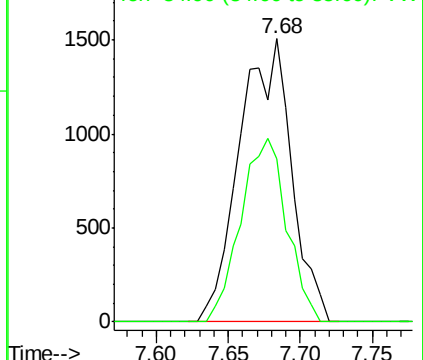
83 100

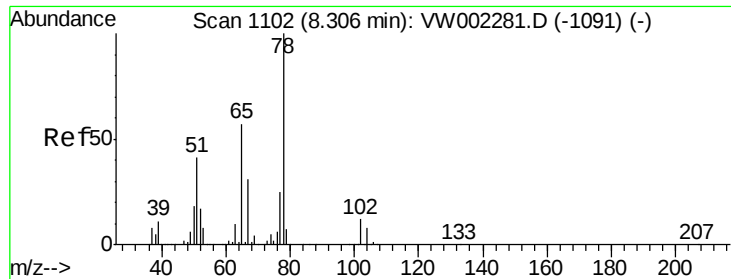
85 57.8 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

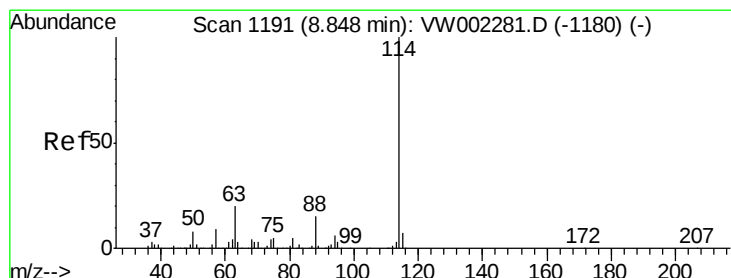
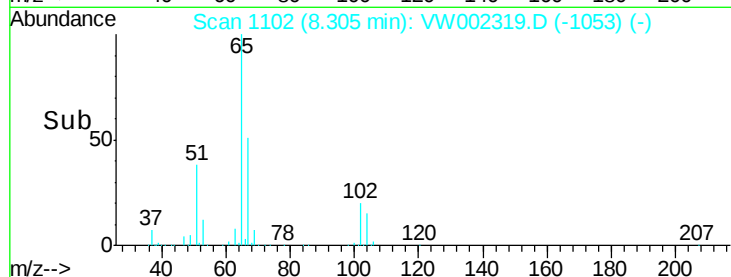
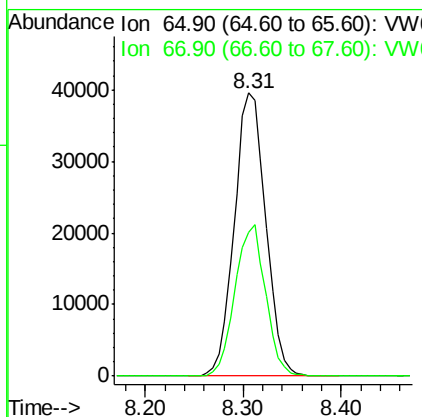
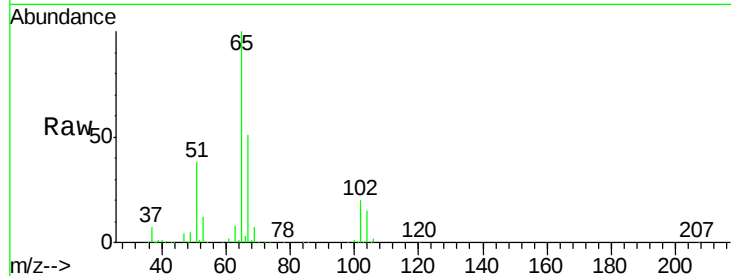




#33
 1,2-Dichloroethane-d4
 Concen: 48.29 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW002319.D
 Acq: 09 May 2018 03:20

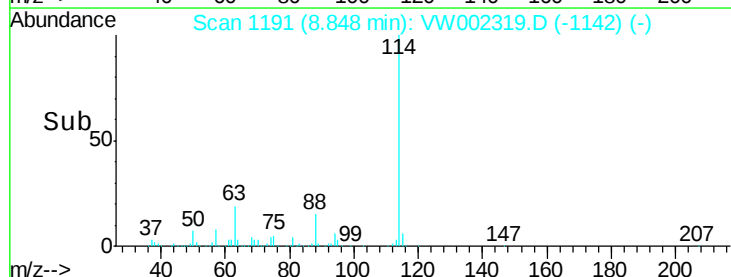
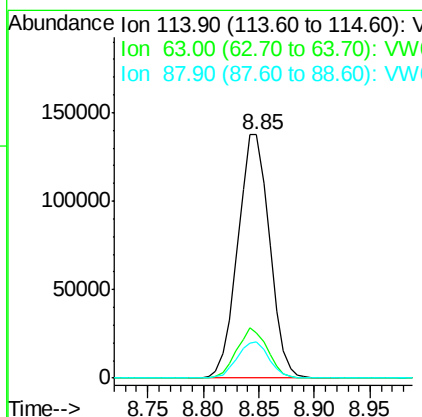
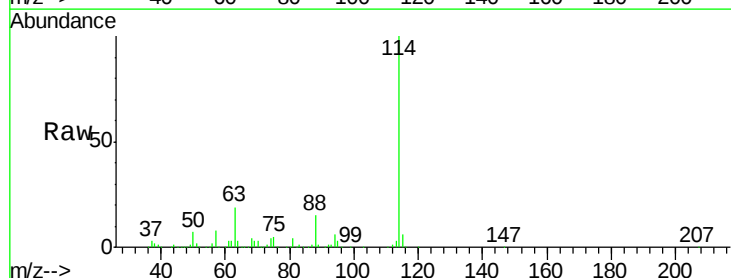
Instrument :
 MSVOA_W
 ClientSampleId :
 PL-02-050418-D

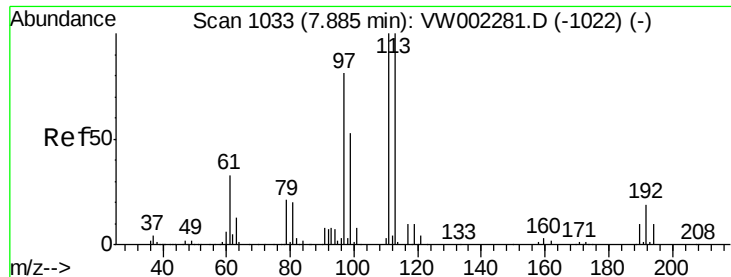
Tot Ion: 65 Resp: 88018
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW002319.D
 Acq: 09 May 2018 03:20

Tgt Ion: 114 Resp: 273495
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.0
 88 15.0 0.0 29.6

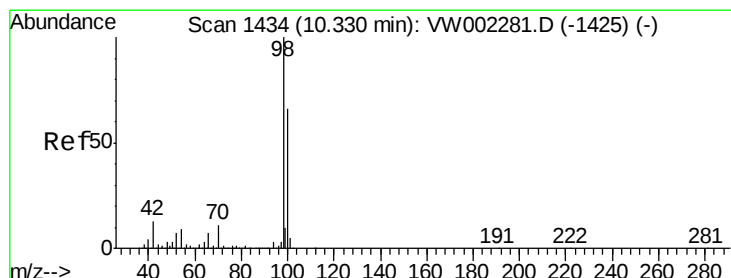
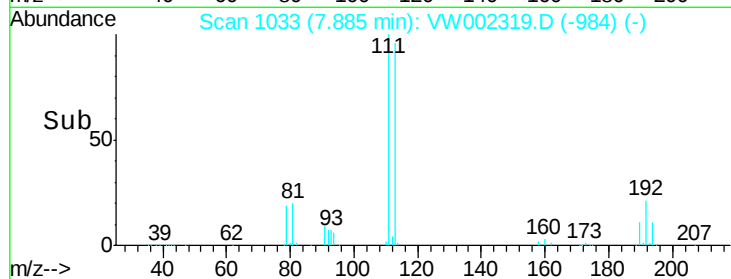
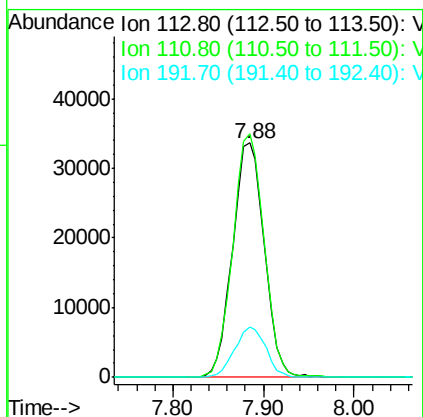
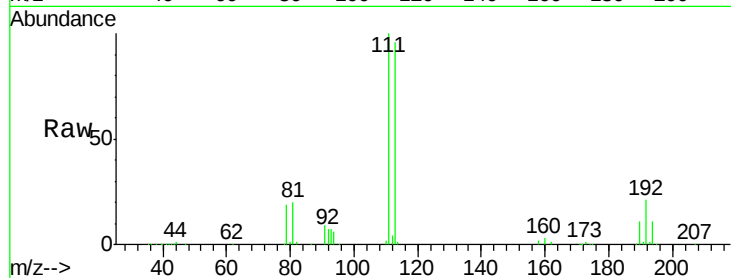




#35
 Dibromofluoromethane
 Concen: 46.61 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW002319.D
 Acq: 09 May 2018 03:20

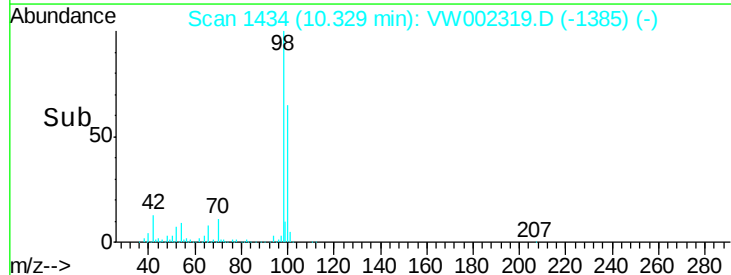
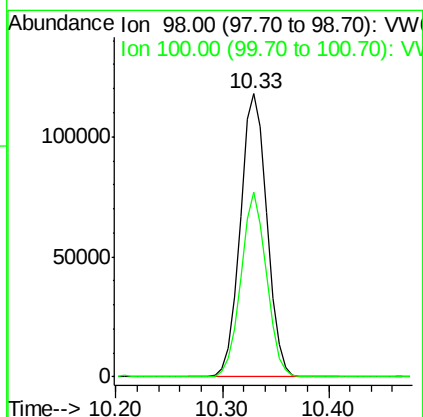
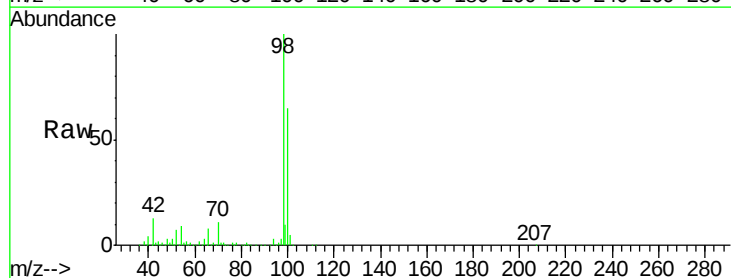
Instrument :
 MSVOA_W
 ClientSampleId :
 PL-02-050418-D

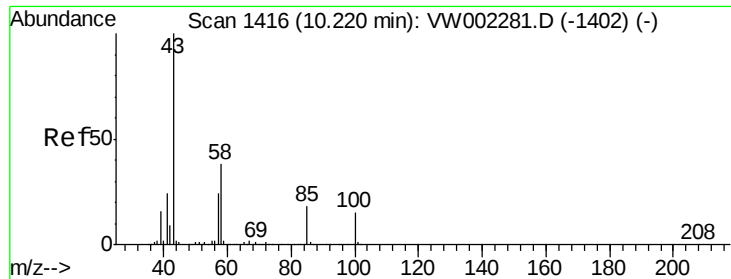
Tot Ion:113 Resp: 81712
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.5 122.3
 192 21.1 16.4 24.6



#50
 Toluene-d8
 Concen: 30.96 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW002319.D
 Acq: 09 May 2018 03:20

Tgt Ion: 98 Resp: 206976
 Ion Ratio Lower Upper
 98 100
 100 62.6 51.4 77.2





#51

4-Methyl-2-Pentanone

Concen: 5.07 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VW002319.D

Acq: 09 May 2018 03:20

Instrument :

MSVOA_W

ClientSampleId :

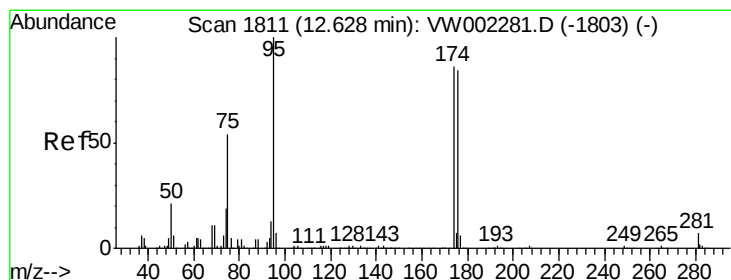
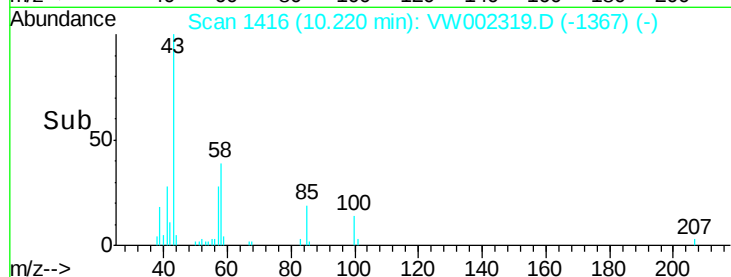
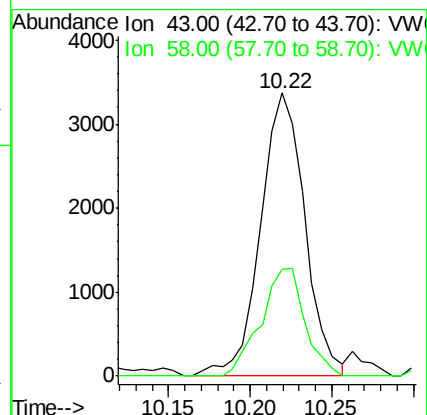
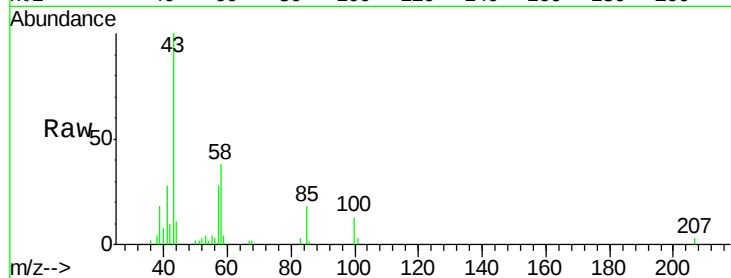
PL-02-050418-D

Tot Ion: 43 Resp: 6390

Ion Ratio Lower Upper

43 100

58 37.7 30.2 45.2



#62

4-Bromofluorobenzene

Concen: 29.96 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002319.D

Acq: 09 May 2018 03:20

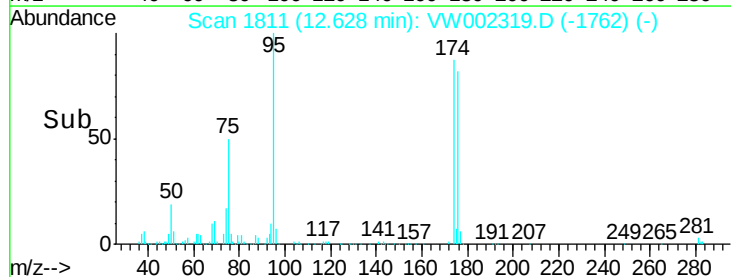
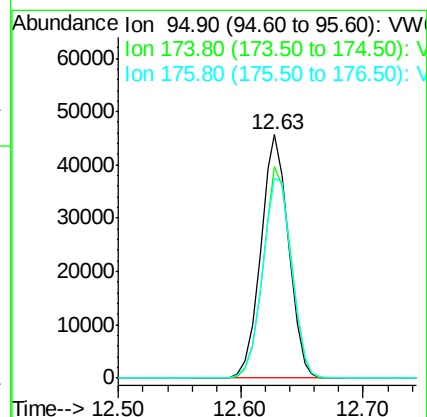
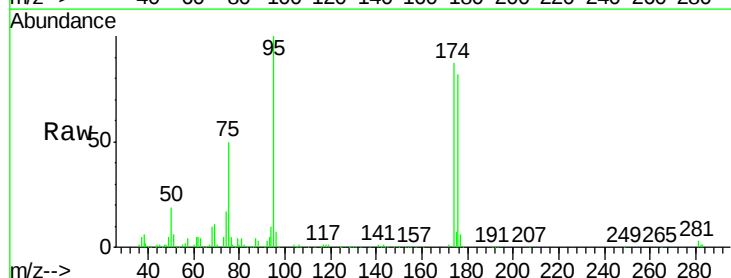
Tgt Ion: 95 Resp: 72384

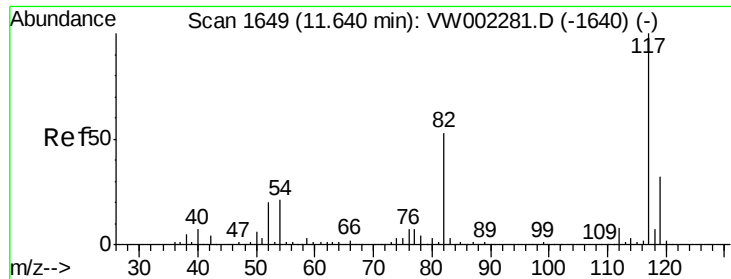
Ion Ratio Lower Upper

95 100

174 87.0 0.0 176.8

176 86.0 0.0 170.4

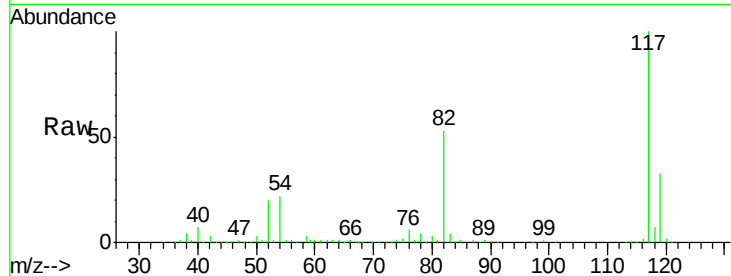




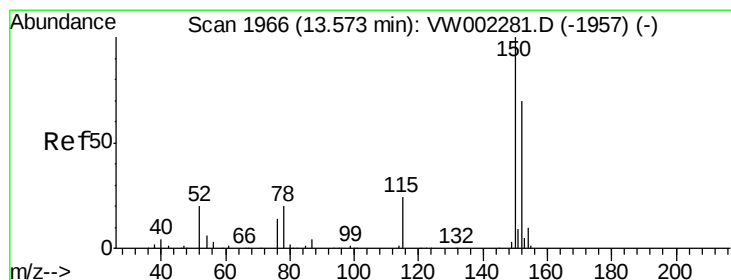
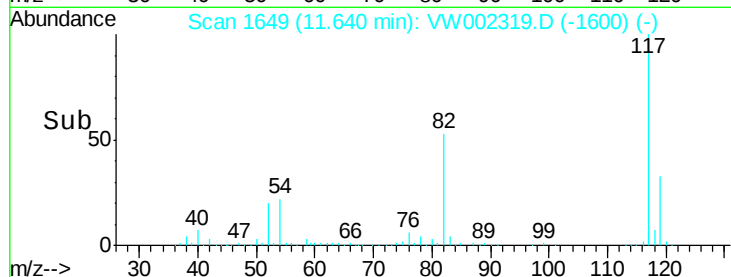
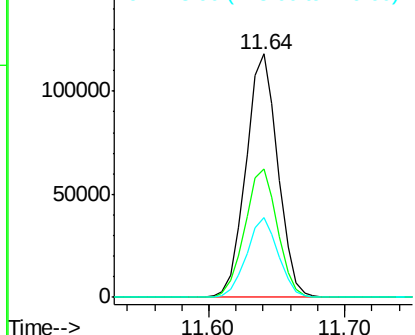
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002319.D
Acq: 09 May 2018 03:20

Instrument :
MSVOA_W
ClientSampleId :
PL-02-050418-D

Tot Ion:117 Resp: 193338
Ion Ratio Lower Upper
117 100
82 52.5 42.6 63.8
119 32.7 25.2 37.8

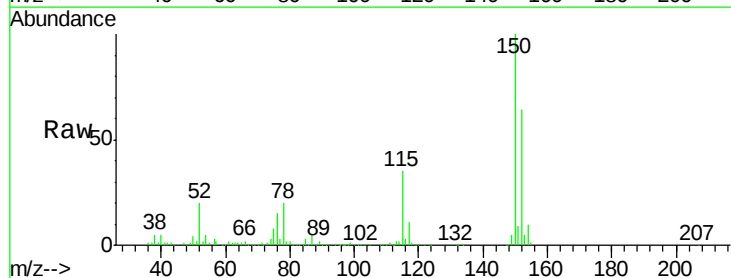


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. -0.00 min
Lab File: VW002319.D
Acq: 09 May 2018 03:20

Tgt Ion:152 Resp: 68978
Ion Ratio Lower Upper
152 100
115 56.1 28.5 85.5
150 153.8 0.0 342.6



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

