

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW050818\
 Data File : VW002316.D
 Acq On : 09 May 2018 02:04
 Operator : JC/SY
 Sample : J2680-03
 Misc : 5.55G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: May 09 08:53:11 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

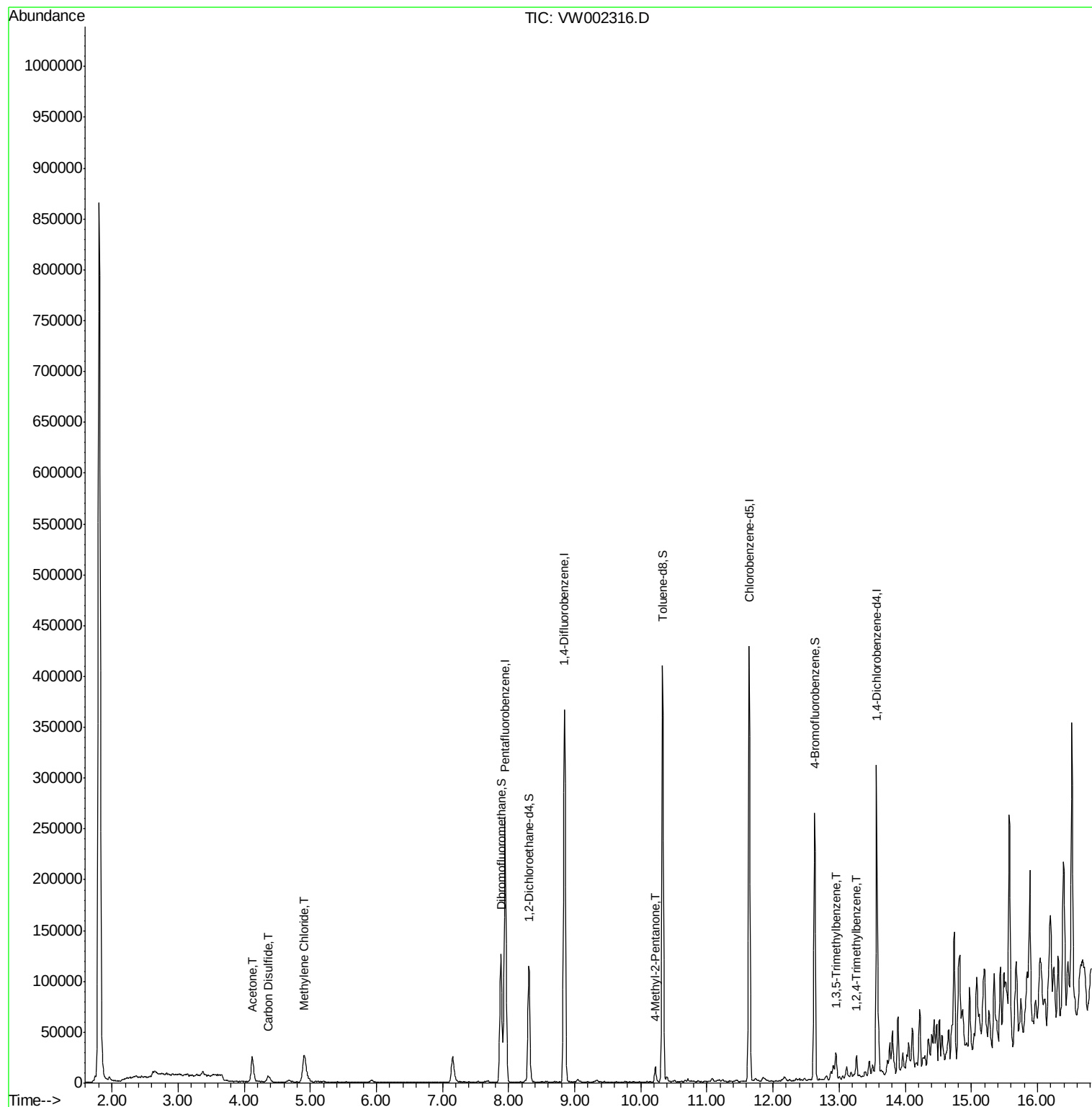
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	200726	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	311863	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	236799	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	78618	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	86223	40.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.90%	
35) Dibromofluoromethane	7.88	113	85906	42.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.96%	
50) Toluene-d8	10.33	98	271527	35.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.24%	
62) 4-Bromofluorobenzene	12.63	95	77636	28.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	56.36%	
Target Compounds						
16) Acetone	4.12	43	40477	97.23	ug/l	92
17) Carbon Disulfide	4.36	76	13841	2.62	ug/l	97
20) Methylene Chloride	4.92	84	24958	12.44	ug/l	93
51) 4-Methyl-2-Pentanone	10.22	43	10590	7.36	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	8084	1.88	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	11403	2.56	ug/l	94

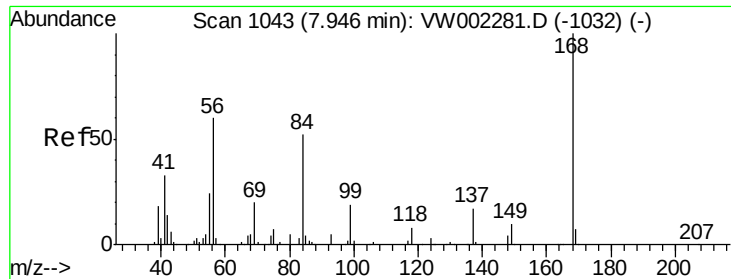
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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PL-02-050418-B

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Quant Title : SW846 8260
QLast Update : Tue May 08 03:57:58 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VW002316.D

Acq: 09 May 2018 02:04

Instrument :

MSVOA_W

ClientSampleId :

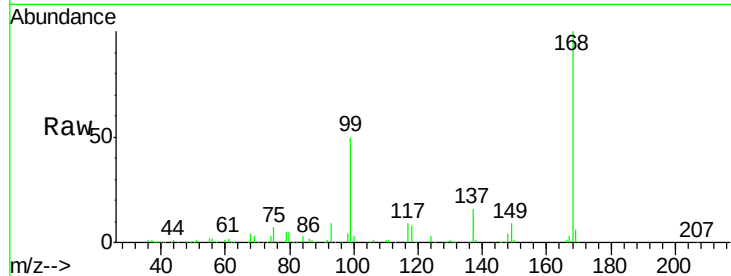
PL-02-050418-B

Tot Ion:168 Resp: 200726

Ion Ratio Lower Upper

168 100

99 50.1 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

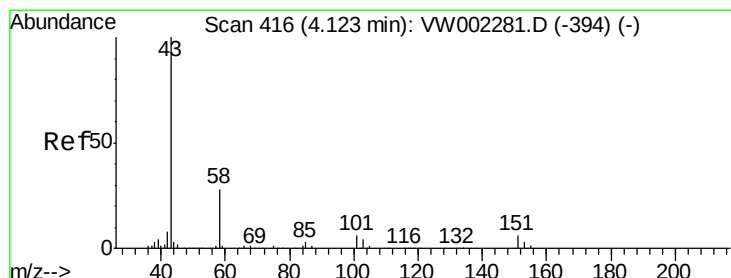
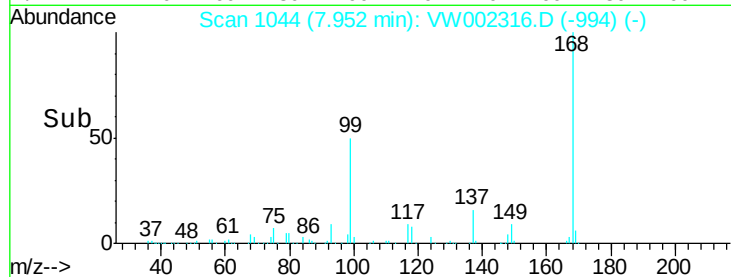
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 97.23 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.00 min

Lab File: VW002316.D

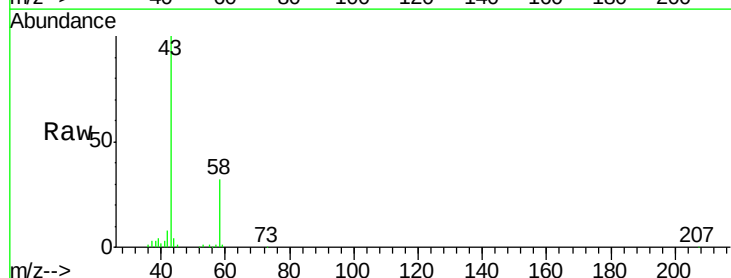
Acq: 09 May 2018 02:04

Tgt Ion: 43 Resp: 40477

Ion Ratio Lower Upper

43 100

58 32.1 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

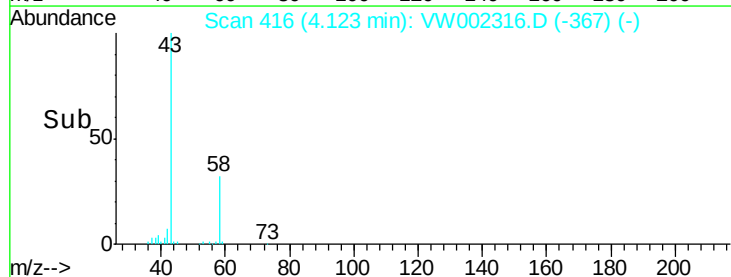
15000

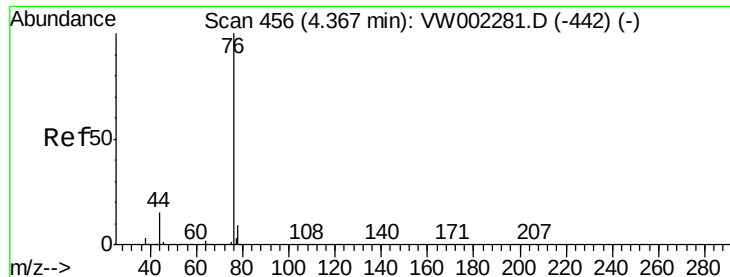
10000

5000

0

Time-->





#17

Carbon Disulfide

Concen: 2.62 ug/l

RT: 4.36 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW002316.D

Acq: 09 May 2018 02:04

Instrument :

MSVOA_W

ClientSampleId :

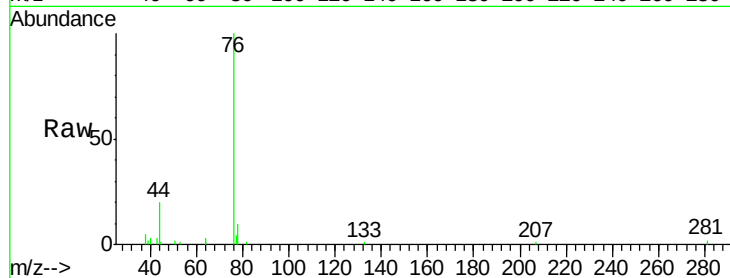
PL-02-050418-B

Tot Ion: 76 Resp: 13841

Ion Ratio Lower Upper

76 100

78 9.8 6.9 10.3



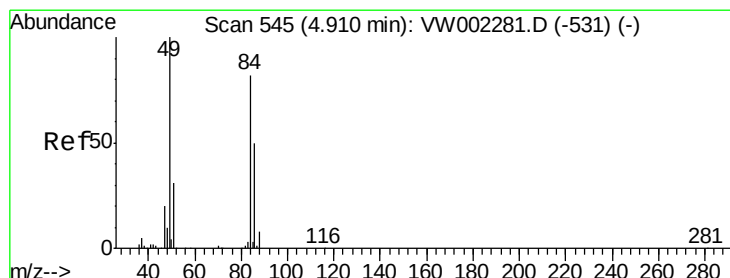
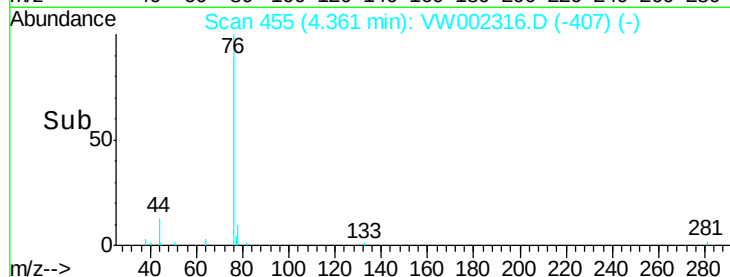
Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.36

4.30 4.40 4.50

Time-->



#20

Methylene Chloride

Concen: 12.44 ug/l

RT: 4.92 min Scan# 546

Delta R.T. 0.01 min

Lab File: VW002316.D

Acq: 09 May 2018 02:04

Tgt Ion: 84 Resp: 24958

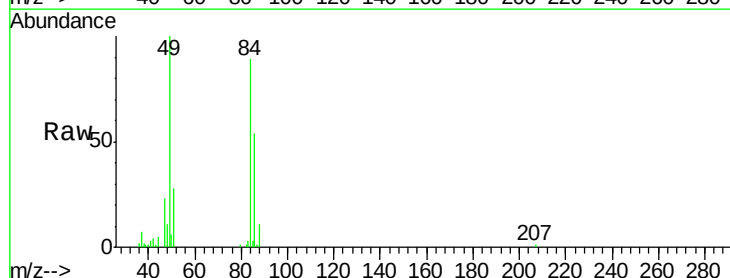
Ion Ratio Lower Upper

84 100

49 112.0 97.7 146.5

51 30.9 30.2 45.4

86 60.3 48.9 73.3



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

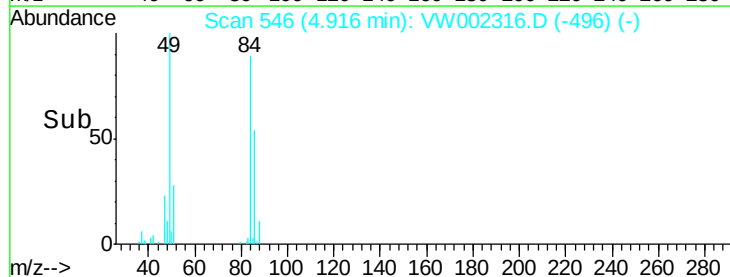
Ion 50.90 (50.60 to 51.60): VW

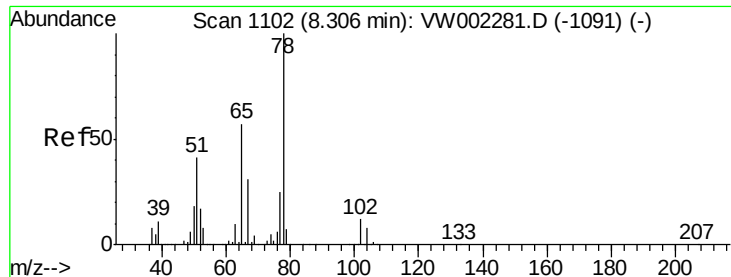
Ion 85.90 (85.60 to 86.60): VW

4.92

4.80 4.90 5.00

Time-->

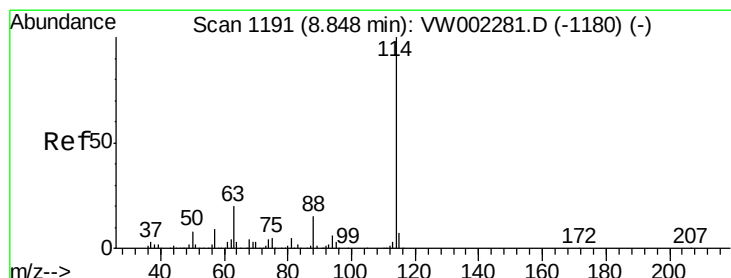
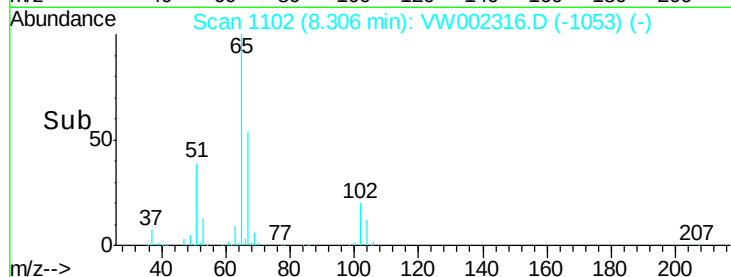
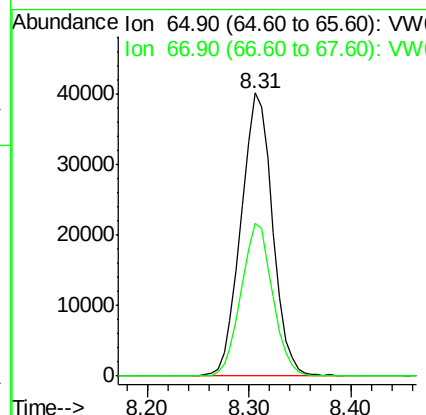
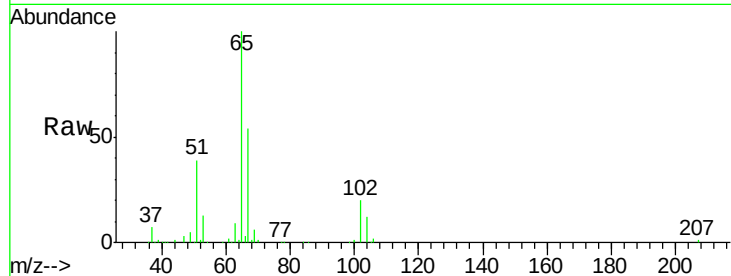




#33
 1,2-Dichloroethane-d4
 Concen: 40.45 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW002316.D
 Acq: 09 May 2018 02:04

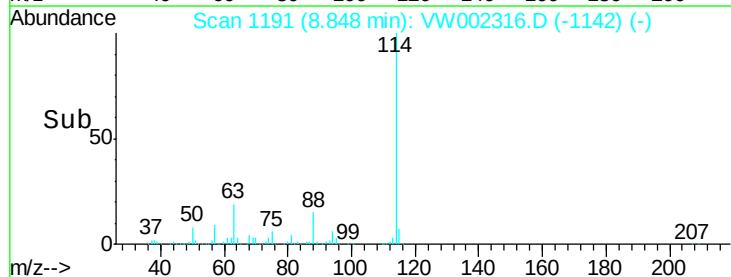
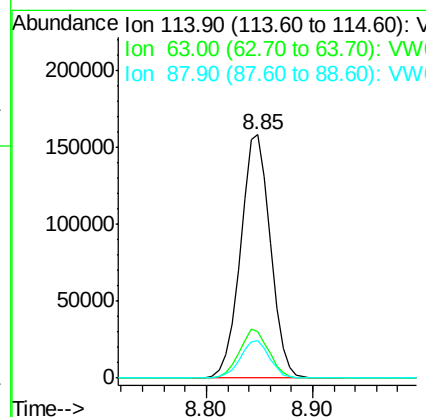
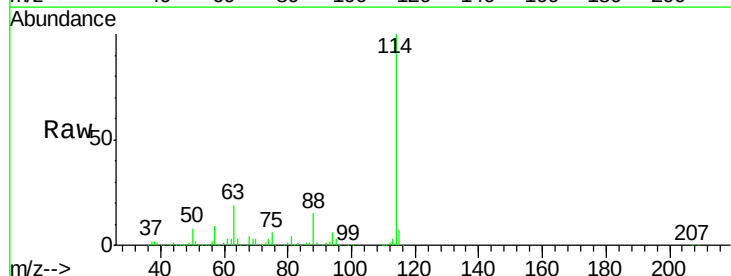
Instrument :
 MSVOA_W
 ClientSampleId :
 PL-02-050418-B

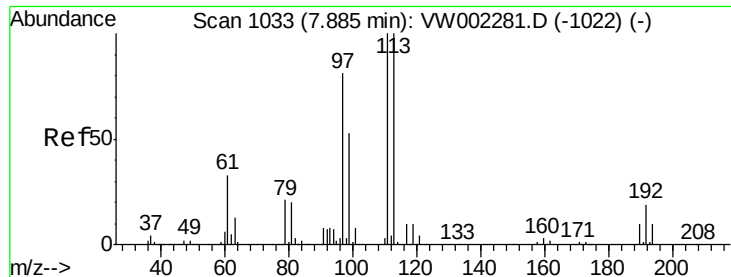
Tot Ion: 65 Resp: 86223
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW002316.D
 Acq: 09 May 2018 02:04

Tgt Ion: 114 Resp: 311863
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.0
 88 15.3 0.0 29.6





#35

Dibromofluoromethane

Concen: 42.98 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW002316.D

Acq: 09 May 2018 02:04

Instrument :

MSVOA_W

ClientSampleId :

PL-02-050418-B

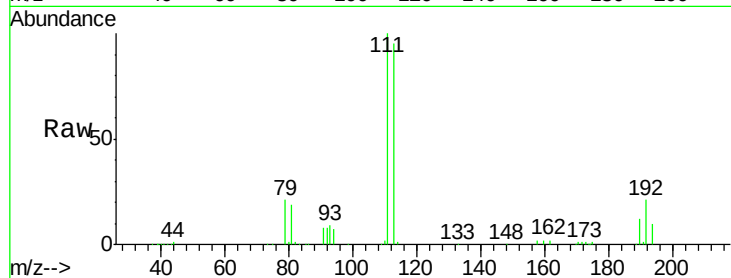
Tot Ion:113 Resp: 85906

Ion Ratio Lower Upper

113 100

111 102.6 81.5 122.3

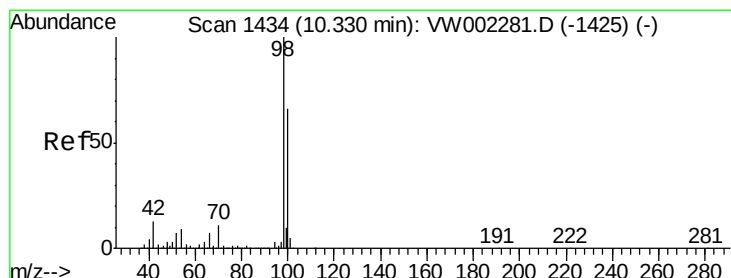
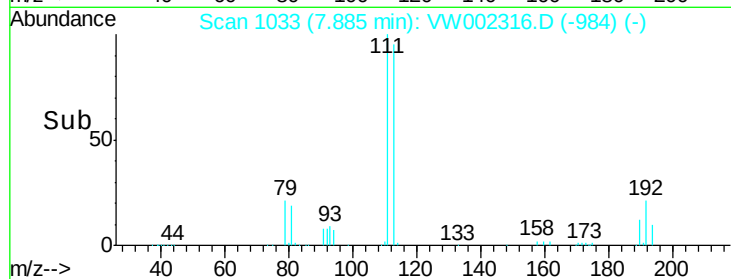
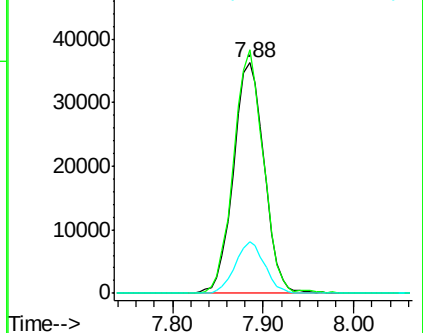
192 21.4 16.4 24.6



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: 35.62 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW002316.D

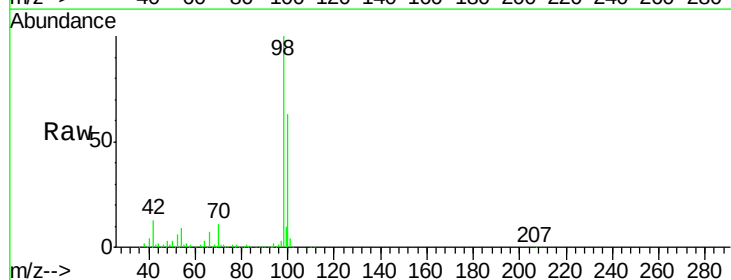
Acq: 09 May 2018 02:04

Tgt Ion: 98 Resp: 271527

Ion Ratio Lower Upper

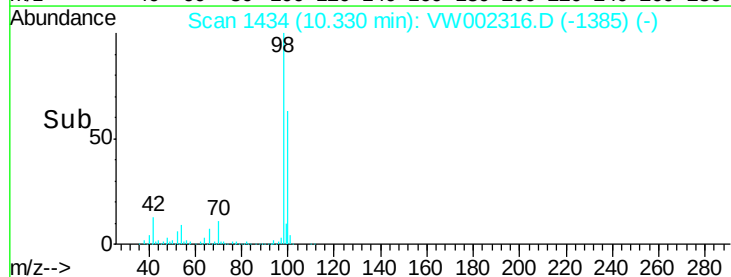
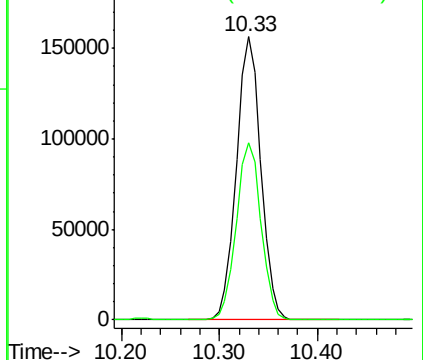
98 100

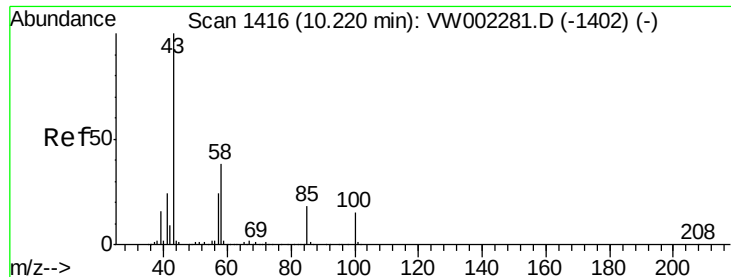
100 63.3 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 7.36 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VW002316.D

Acq: 09 May 2018 02:04

Instrument :

MSVOA_W

ClientSampleId :

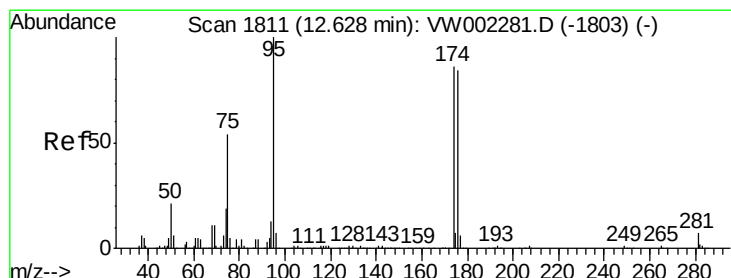
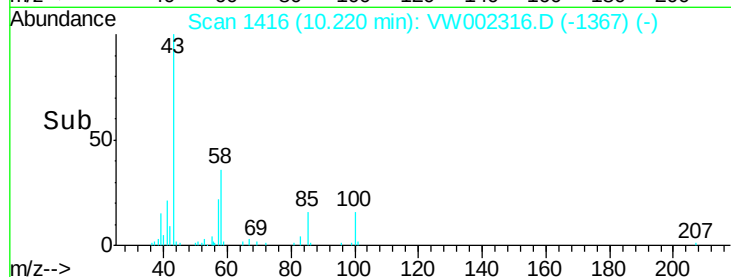
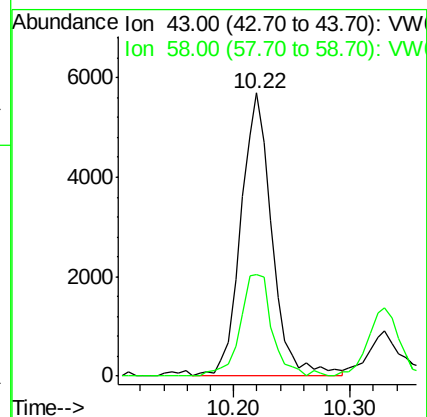
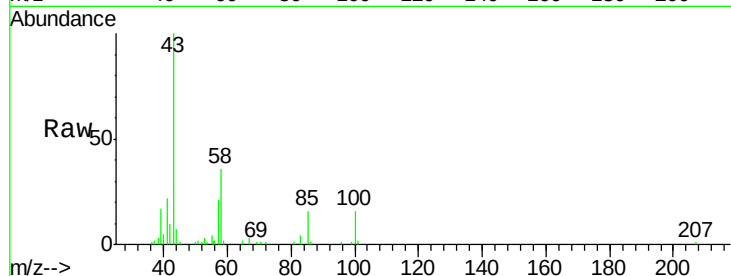
PL-02-050418-B

Tot Ion: 43 Resp: 10590

Ion Ratio Lower Upper

43 100

58 36.6 30.2 45.2



#62

4-Bromofluorobenzene

Concen: 28.18 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW002316.D

Acq: 09 May 2018 02:04

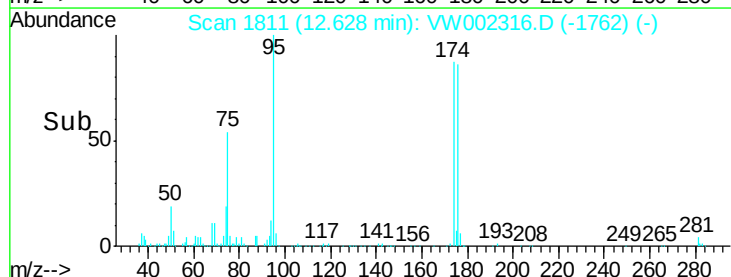
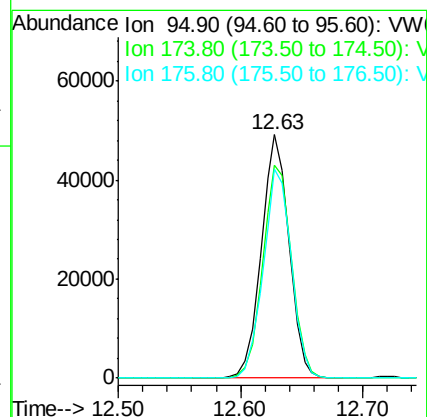
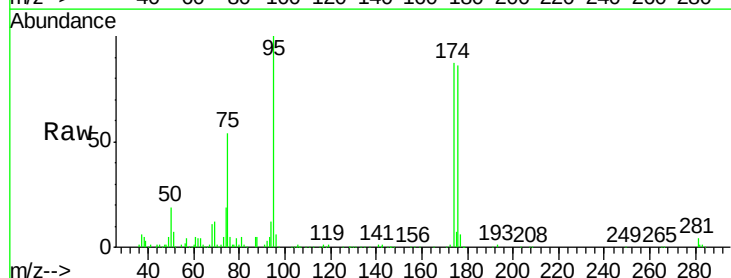
Tgt Ion: 95 Resp: 77636

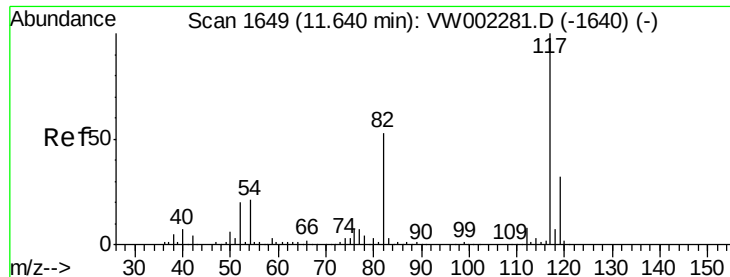
Ion Ratio Lower Upper

95 100

174 90.6 0.0 176.8

176 86.6 0.0 170.4

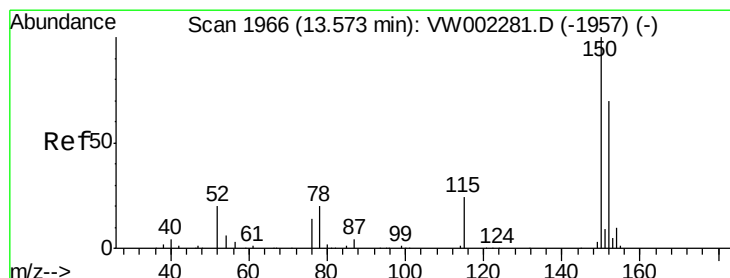
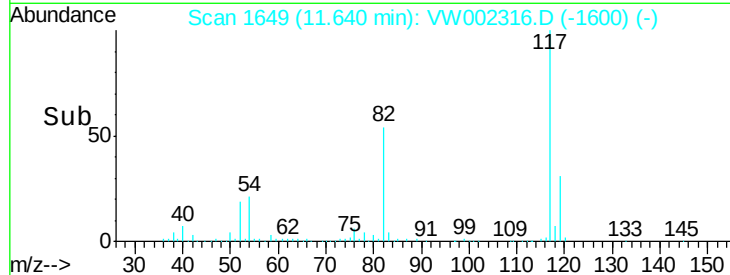
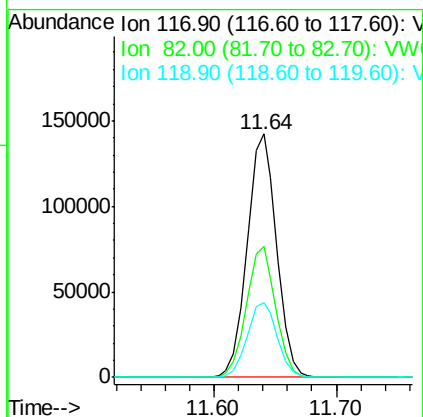
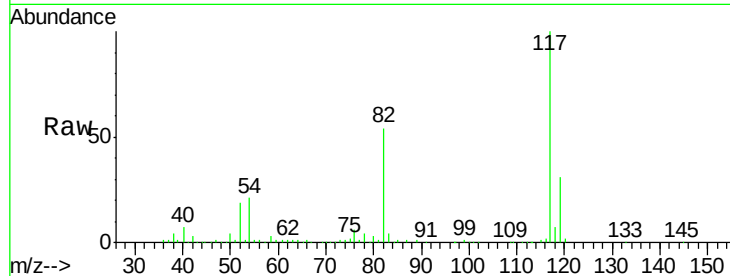




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW002316.D
Acq: 09 May 2018 02:04

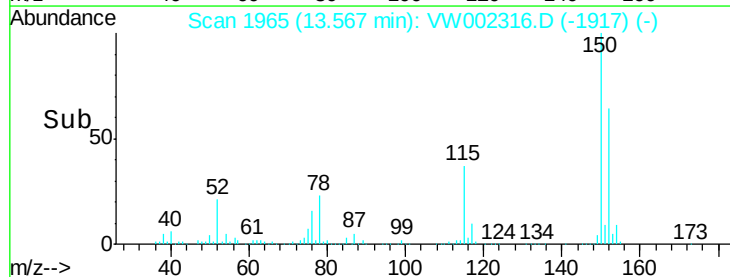
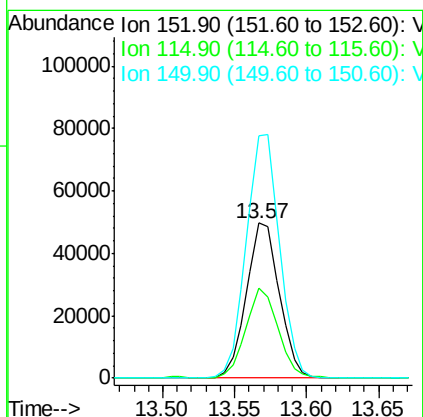
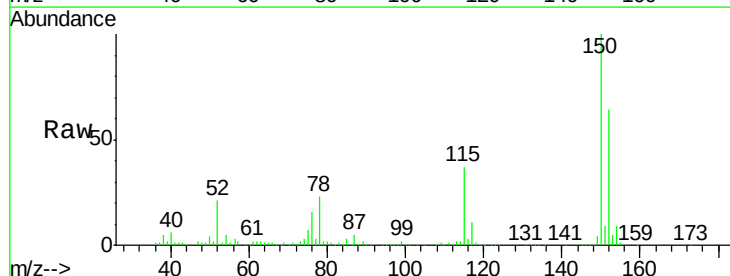
Instrument :
MSVOA_W
ClientSampled :
PL-02-050418-B

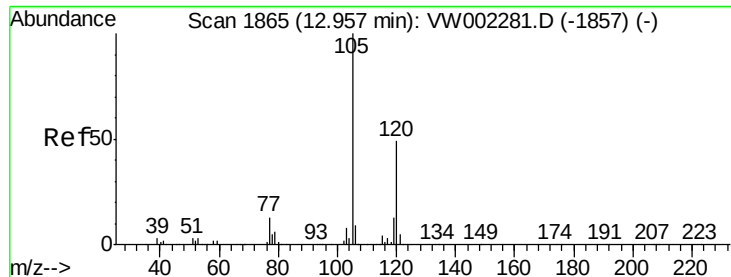
Tot Ion:117 Resp: 236799
Ion Ratio Lower Upper
117 100
82 53.6 42.6 63.8
119 30.9 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.01 min
Lab File: VW002316.D
Acq: 09 May 2018 02:04

Tgt Ion:152 Resp: 78618
Ion Ratio Lower Upper
152 100
115 57.3 28.5 85.5
150 158.3 0.0 342.6

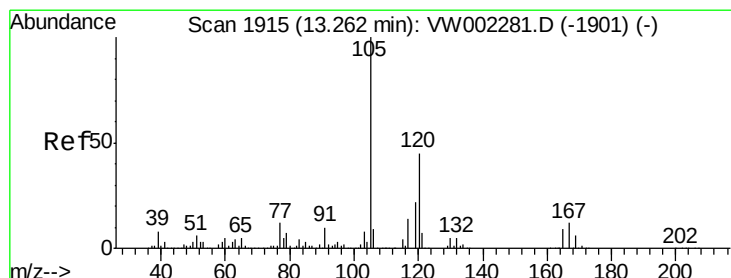
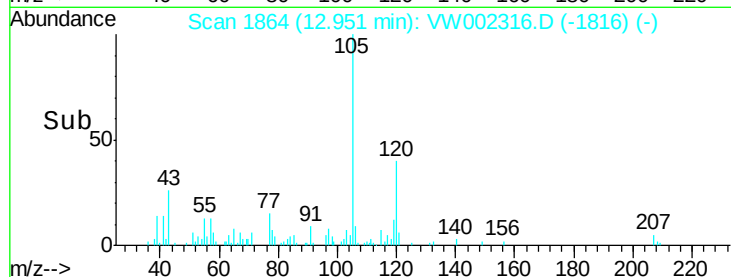
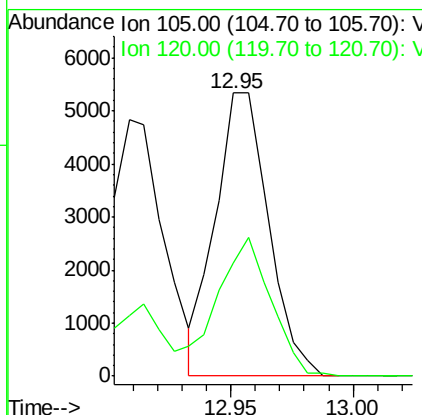
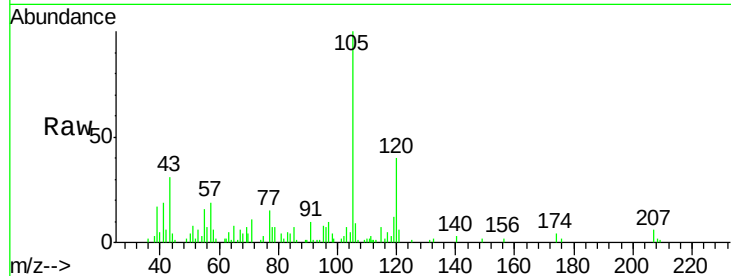




#80
 1,3,5-Trimethylbenzene
 Concen: 1.88 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: VW002316.D
 Acq: 09 May 2018 02:04

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

Tot Ion:105 Resp: 8084
 Ion Ratio Lower Upper
 105 100
 120 50.5 24.6 74.0



#84
 1,2,4-Trimethylbenzene
 Concen: 2.56 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW002316.D
 Acq: 09 May 2018 02:04

Tgt Ion:105 Resp: 11403
 Ion Ratio Lower Upper
 105 100
 120 48.6 22.5 67.5

