

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082118\
 Data File : VW004866.D
 Acq On : 22 Aug 2018 04:03
 Operator : SY/AP
 Sample : J4275-15
 Misc : 7.22G/5ML/MSVOA W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-082018-D

Quant Time: Aug 22 08:16:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

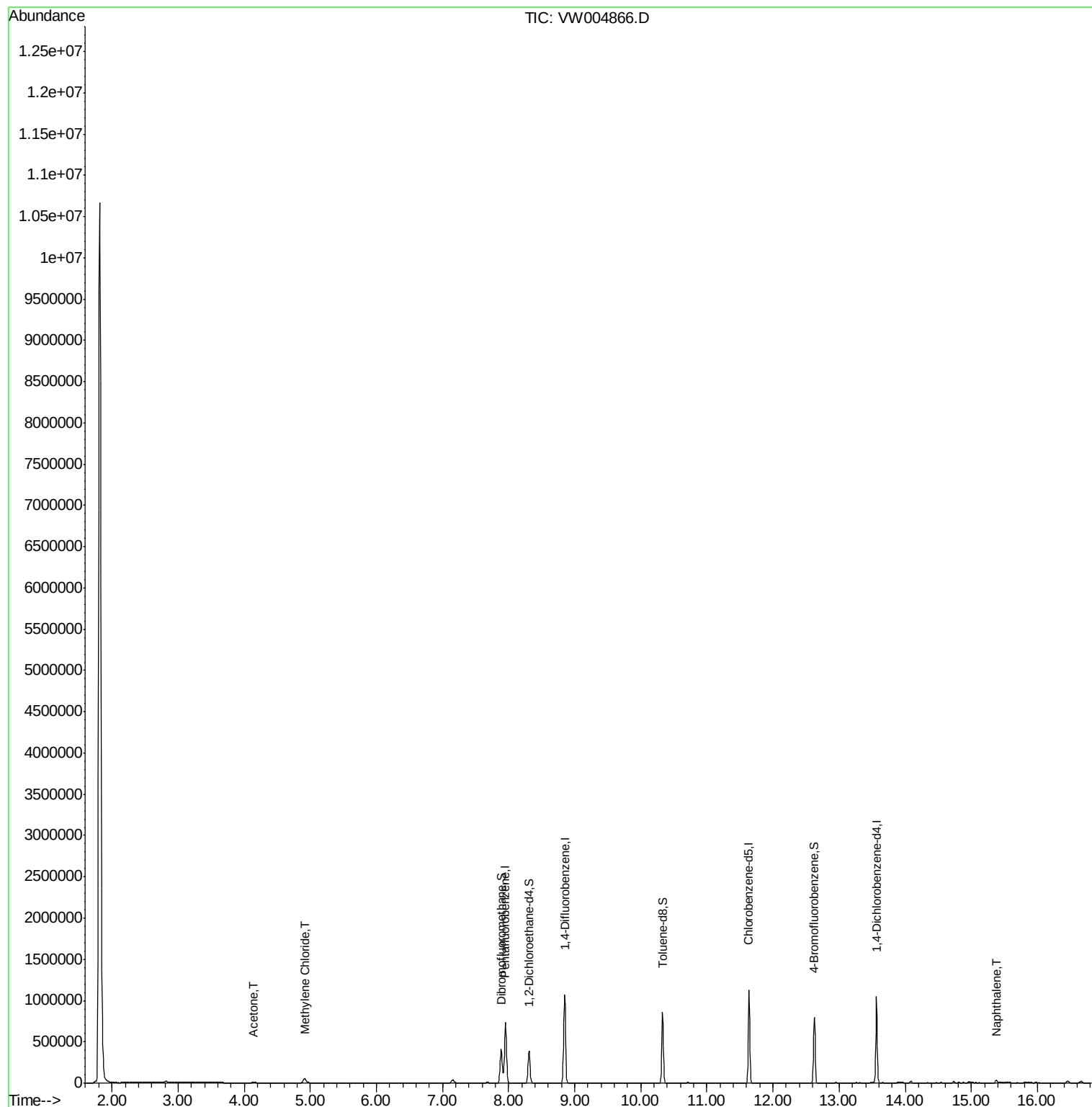
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	568454	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	911206	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	650831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	279138	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	300056	54.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.20%	
35) Dibromofluoromethane	7.88	113	300103	51.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.06%	
50) Toluene-d8	10.33	98	581594	25.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	51.16%	
62) 4-Bromofluorobenzene	12.62	95	269116	32.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.80%	
Target Compounds						
16) Acetone	4.14	43	32363	23.07	ug/l	95
20) Methylene Chloride	4.91	84	46073	3.15	ug/l	96
95) Naphthalene	15.38	128	25155	5.54	ug/l	97

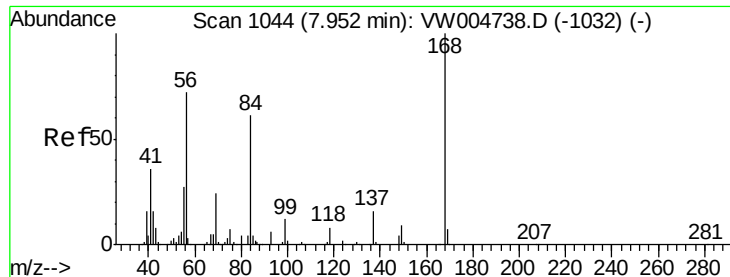
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004866.D

Acq: 22 Aug 2018 04:03

Instrument :

MSVOA_W

ClientSampleId :

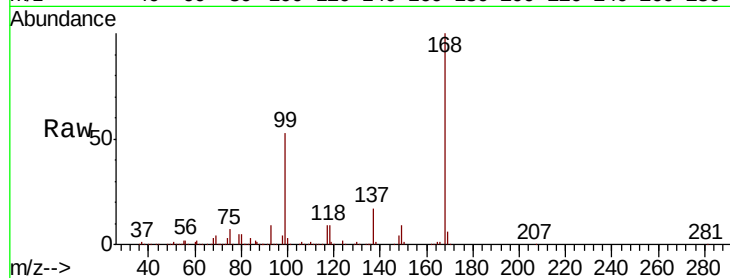
CL-01-082018-D

Tot Ion:168 Resp: 568454

Ion Ratio Lower Upper

168 100

99 53.0 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

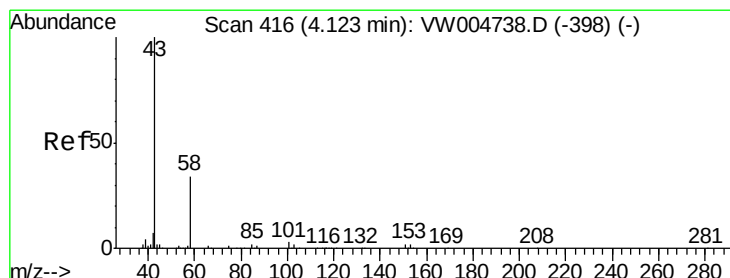
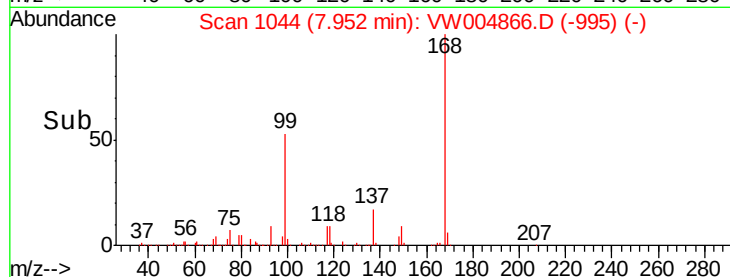
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 23.07 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.02 min

Lab File: VW004866.D

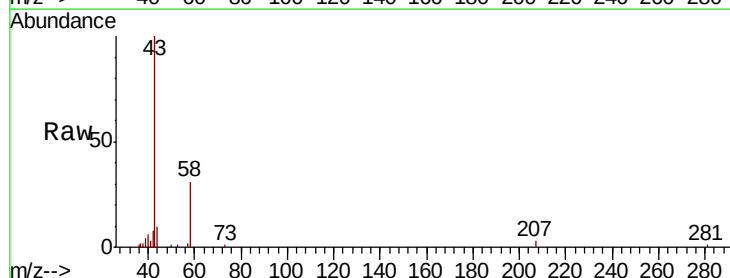
Acq: 22 Aug 2018 04:03

Tgt Ion: 43 Resp: 32363

Ion Ratio Lower Upper

43 100

58 31.2 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

10000

8000

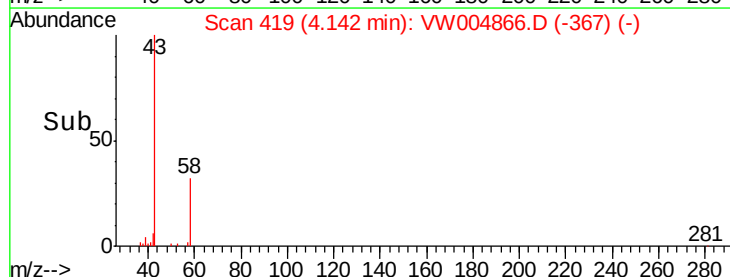
6000

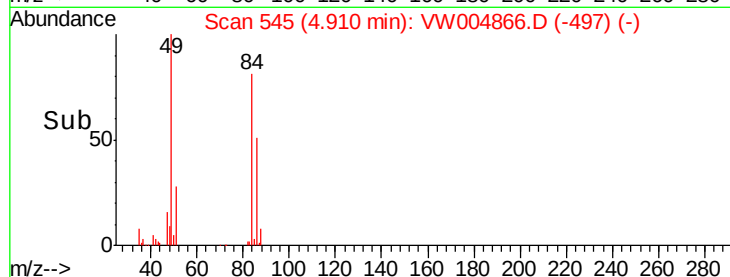
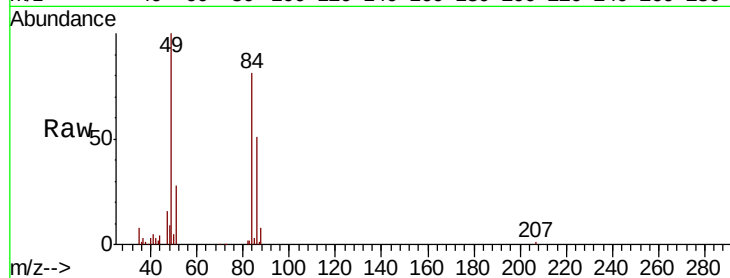
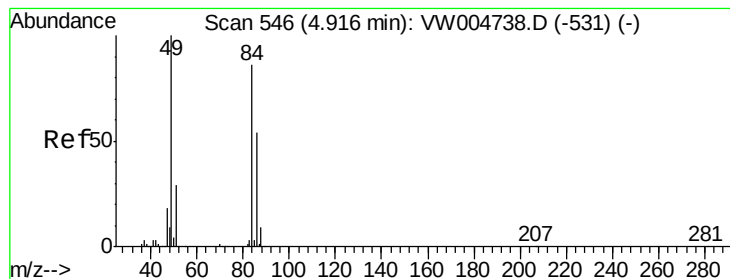
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 3.15 ug/l

RT: 4.91 min Scan# 545

Delta R.T. -0.01 min

Lab File: VW004866.D

Acq: 22 Aug 2018 04:03

Instrument :

MSVOA_W

ClientSampleId :

CL-01-082018-D

Tot Ion: 84 Resp: 46073

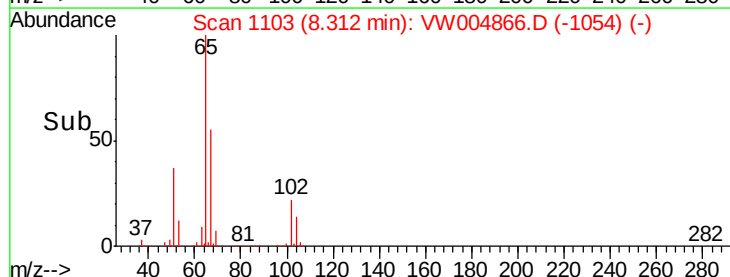
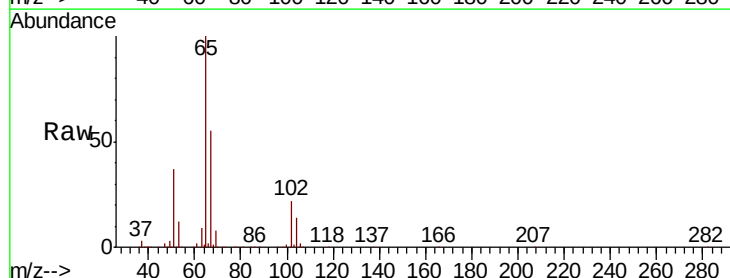
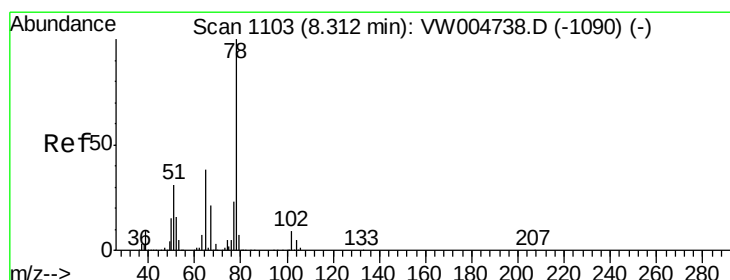
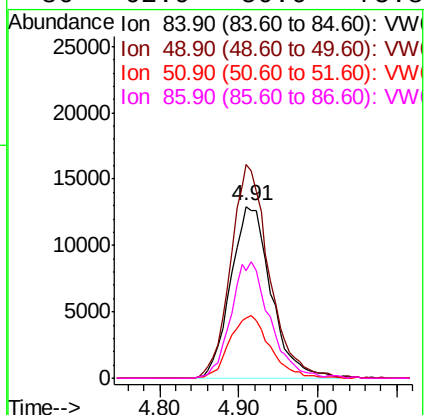
Ion Ratio Lower Upper

84 100

49 124.2 93.2 139.8

51 35.0 27.4 41.0

86 62.9 50.6 75.8



#33

1,2-Dichloroethane-d4

Concen: 54.60 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW004866.D

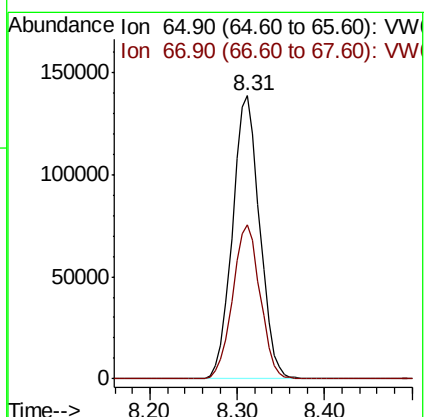
Acq: 22 Aug 2018 04:03

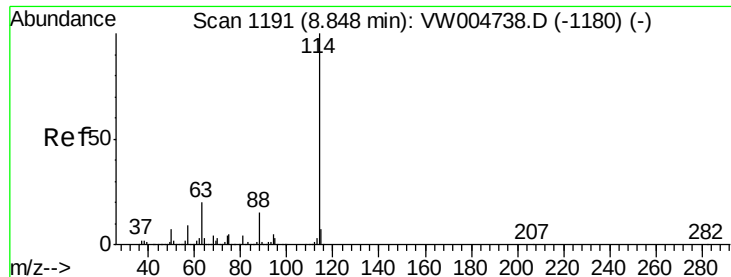
Tgt Ion: 65 Resp: 300056

Ion Ratio Lower Upper

65 100

67 54.9 0.0 109.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW004866.D

Acq: 22 Aug 2018 04:03

Instrument :

MSVOA_W

ClientSampleId :

CL-01-082018-D

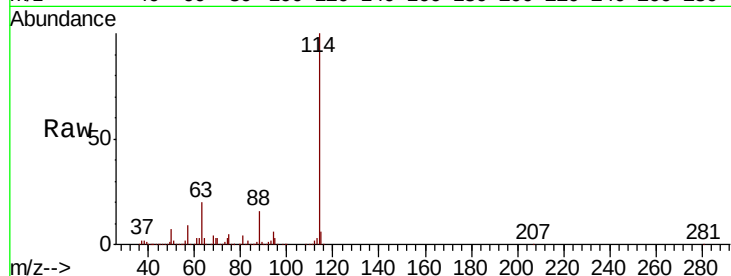
Tot Ion:114 Resp: 911206

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.0

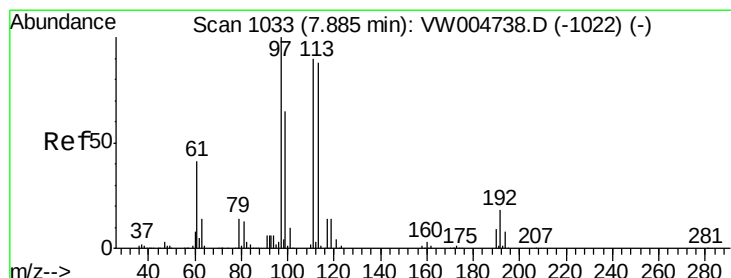
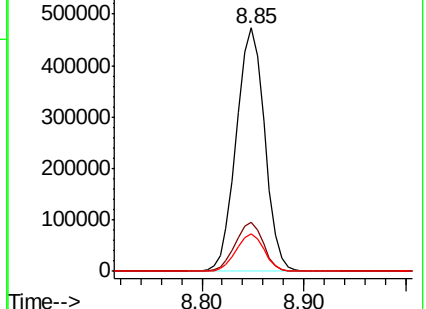
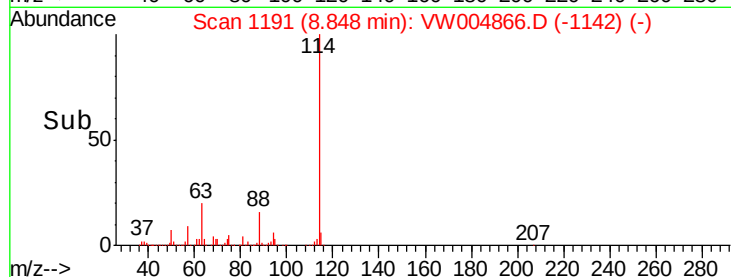
88 15.5 0.0 30.0



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: 51.53 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW004866.D

Acq: 22 Aug 2018 04:03

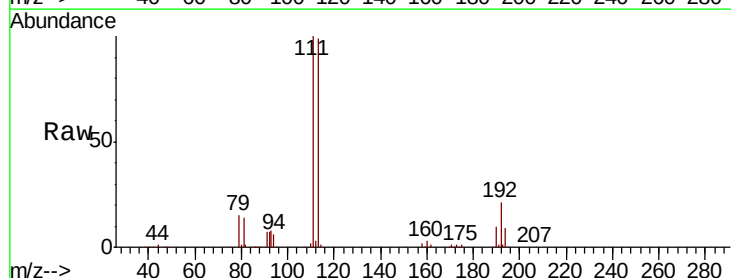
Tgt Ion:113 Resp: 300103

Ion Ratio Lower Upper

113 100

111 102.9 82.4 123.6

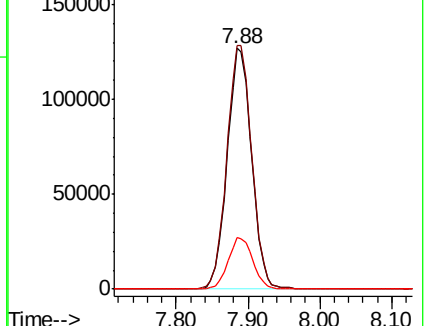
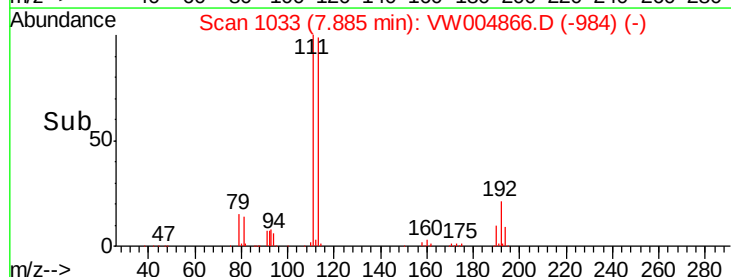
192 21.5 16.7 25.1

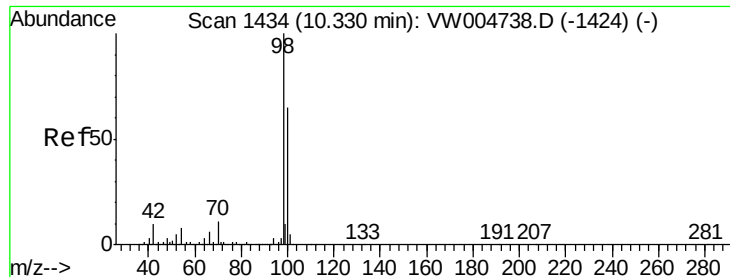


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 25.58 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004866.D

Acq: 22 Aug 2018 04:03

Instrument :

MSVOA_W

ClientSampleId :

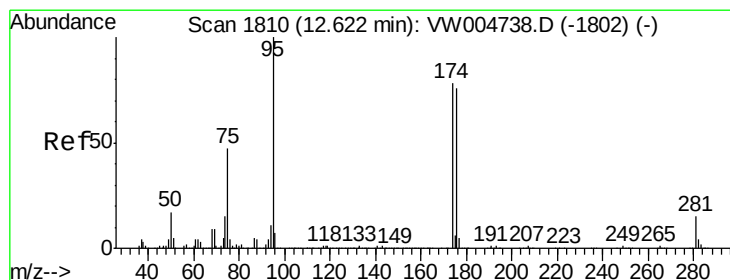
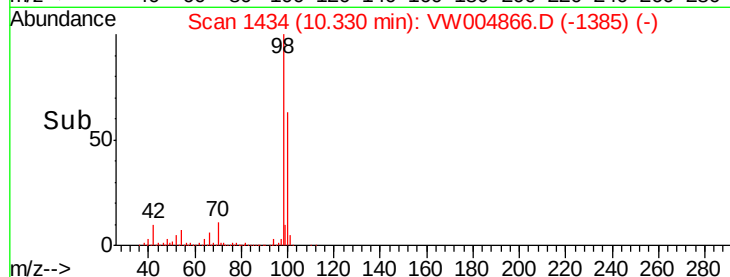
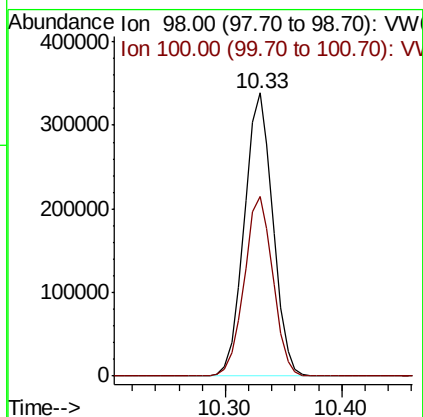
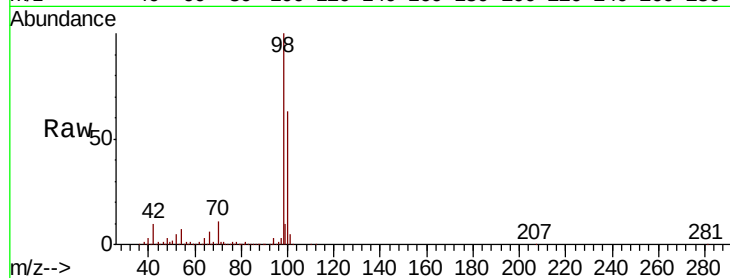
CL-01-082018-D

Tot Ion: 98 Resp: 581594

Ion Ratio Lower Upper

98 100

100 63.4 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 32.90 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004866.D

Acq: 22 Aug 2018 04:03

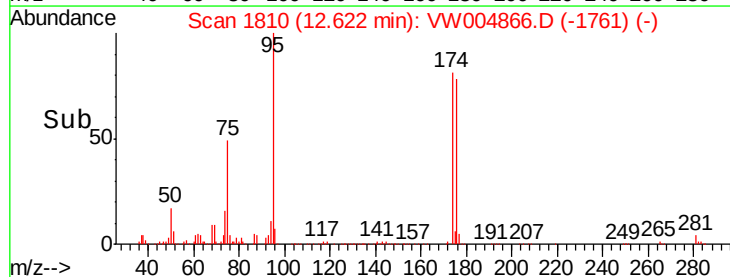
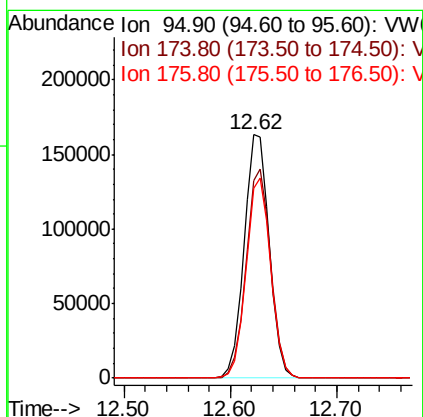
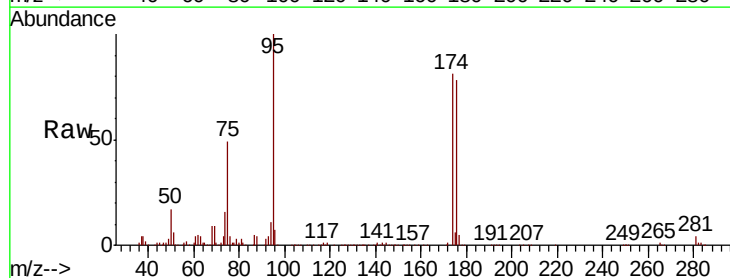
Tgt Ion: 95 Resp: 269116

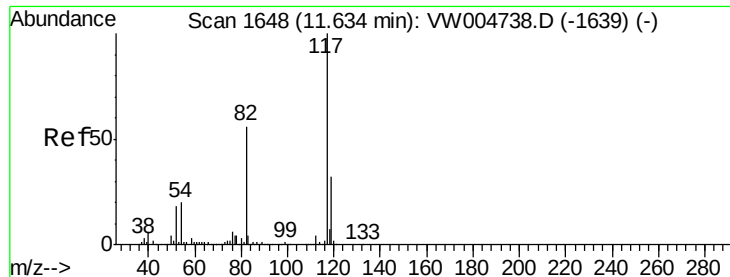
Ion Ratio Lower Upper

95 100

174 84.5 0.0 165.8

176 80.7 0.0 159.8

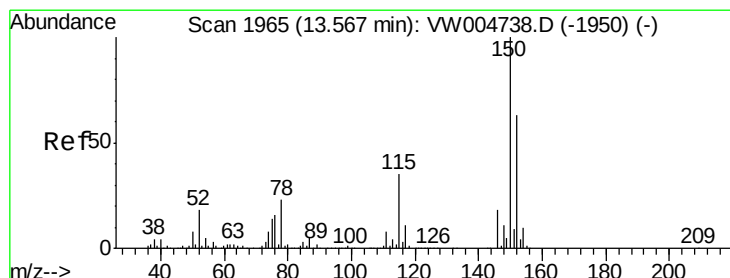
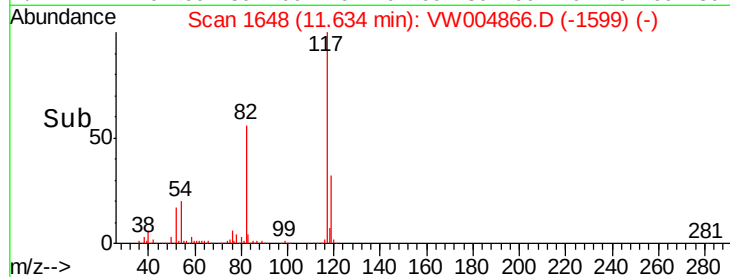
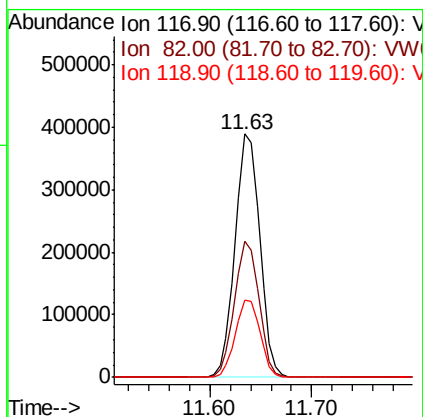
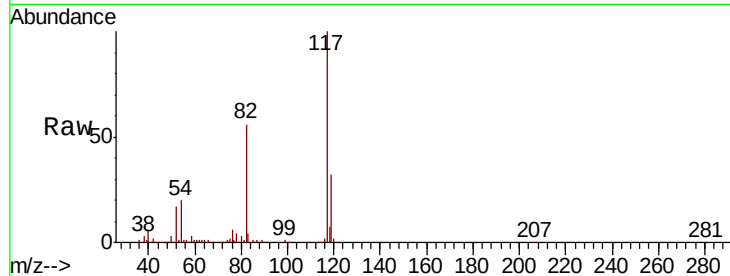




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004866.D
Acq: 22 Aug 2018 04:03

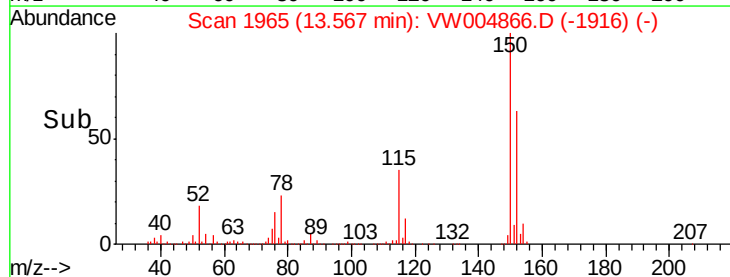
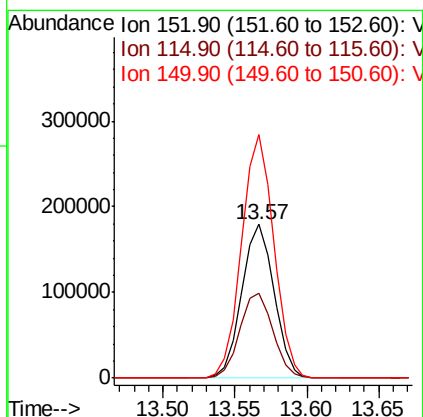
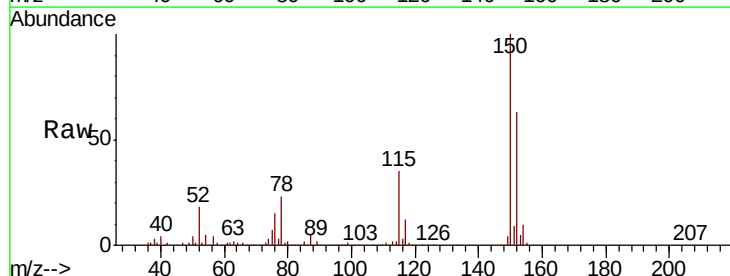
Instrument :
MSVOA_W
ClientSampleId :
CL-01-082018-D

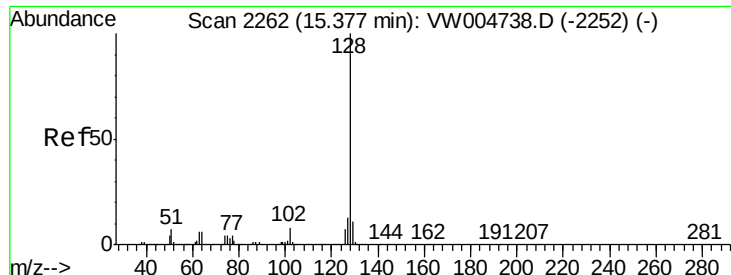
Tot Ion:117 Resp: 650831
Ion Ratio Lower Upper
117 100
82 56.1 44.6 67.0
119 31.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004866.D
Acq: 22 Aug 2018 04:03

Tgt Ion:152 Resp: 279138
Ion Ratio Lower Upper
152 100
115 56.8 28.5 85.5
150 157.7 0.0 344.8

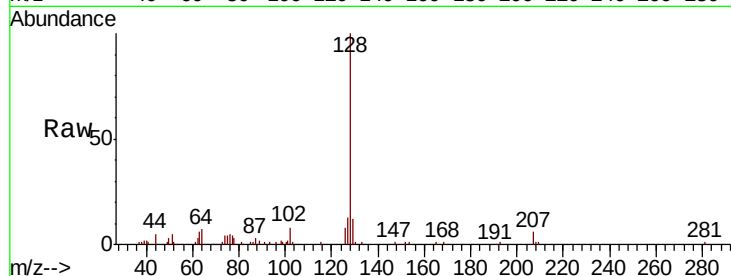




#95
 Naphthalene
 Concen: 5.54 ug/l
 RT: 15.38 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VW004866.D
 Acq: 22 Aug 2018 04:03

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-082018-D

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.5	10.4	15.6
129	11.8	8.6	13.0



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

