

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012418\
 Data File : VW000949.D
 Acq On : 24 Jan 2018 16:11
 Operator : JC/SY
 Sample : J1022-08
 Misc : 5.57G/5.0ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-04-012218

Quant Time: Jan 25 05:36:58 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012318S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 13:31:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	242096	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	364948	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	320112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	156491	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	120801	52.06	ug/l	0.00
Spiked Amount			Recovery	=	104.12%	
35) Dibromofluoromethane	7.88	113	100092	44.77	ug/l	0.00
Spiked Amount			Recovery	=	89.54%	
50) Toluene-d8	10.33	98	419943	47.65	ug/l	0.00
Spiked Amount			Recovery	=	95.30%	
62) 4-Bromofluorobenzene	12.63	95	137937	42.97	ug/l	0.00
Spiked Amount			Recovery	=	85.94%	

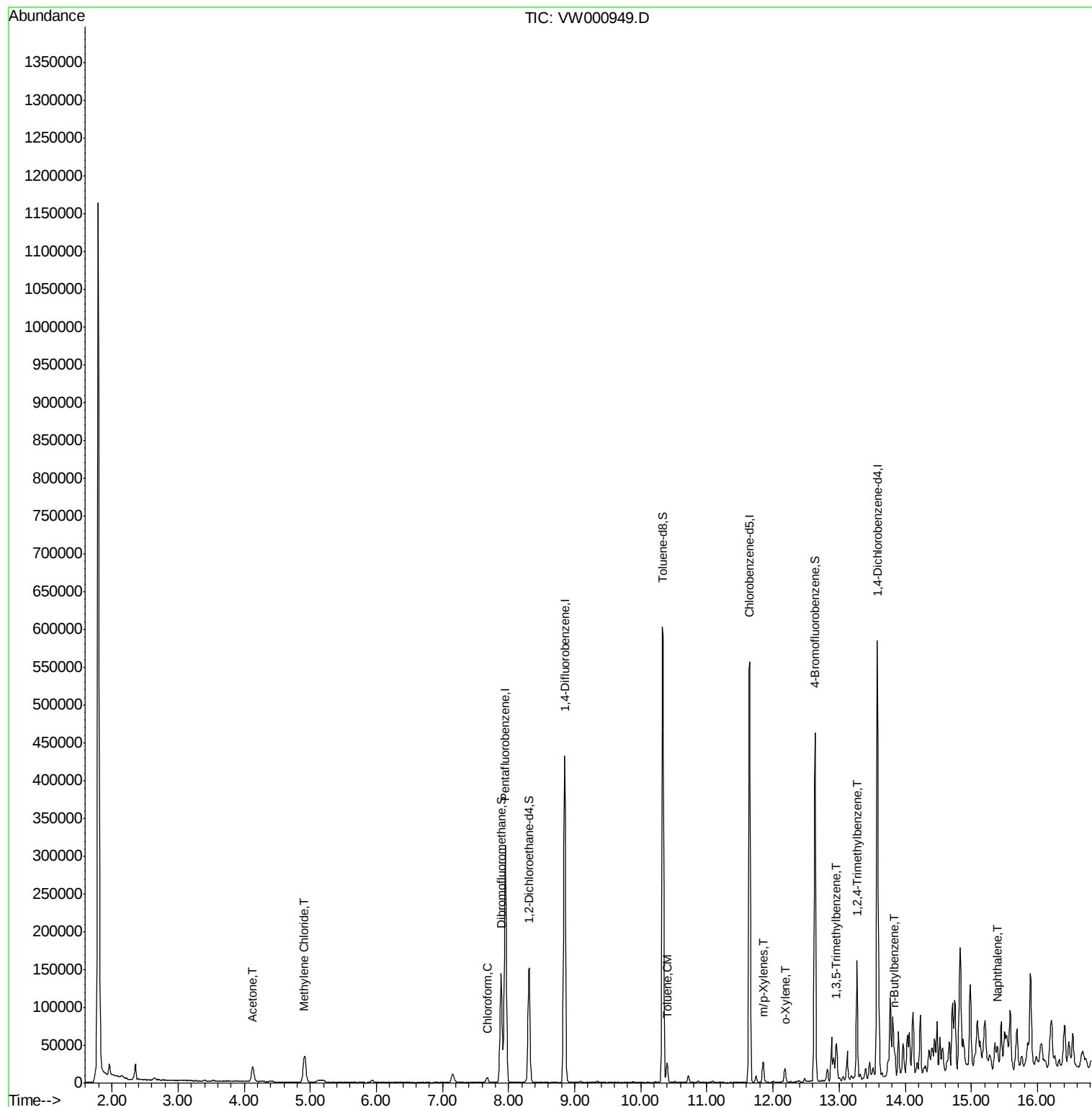
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	32407	47.63	ug/l	98
20) Methylene Chloride	4.91	84	27554	10.83	ug/l	94
30) Chloroform	7.68	83	5716	1.45	ug/l #	81
52) Toluene	10.40	92	10259	1.72	ug/l	99
68) m/p-Xylenes	11.85	106	7675	1.78	ug/l	95
69) o-Xylene	12.18	106	4547	1.15	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	19359	2.25	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	85692	9.85	ug/l	99
89) n-Butylbenzene	13.84	91	14307	1.58	ug/l #	78
95) Naphthalene	15.40	128	15740	2.18	ug/l #	80

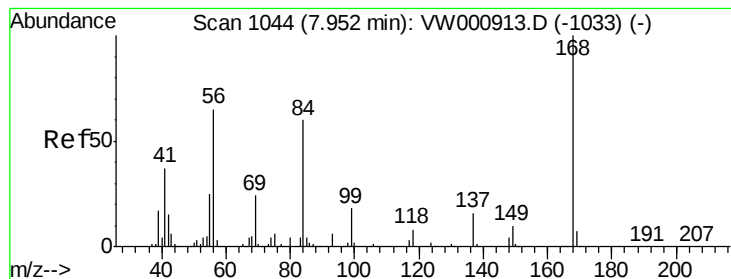
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012418\
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Quant Title : SW846 8260
QLast Update : Tue Jan 23 13:31:00 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW000949.D

Acq: 24 Jan 2018 16:11

Instrument :

MSVOA_W

ClientSampleId :

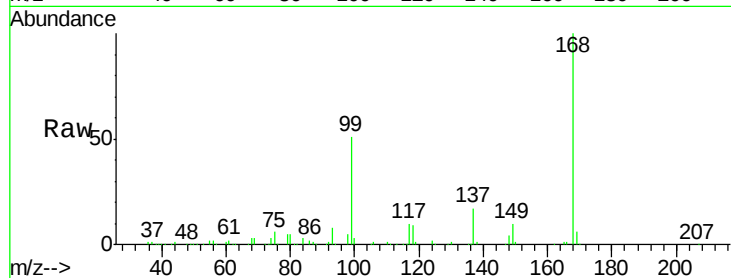
SU-04-012218

Tot Ion:168 Resp: 242096

Ion Ratio Lower Upper

168 100

99 51.3 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

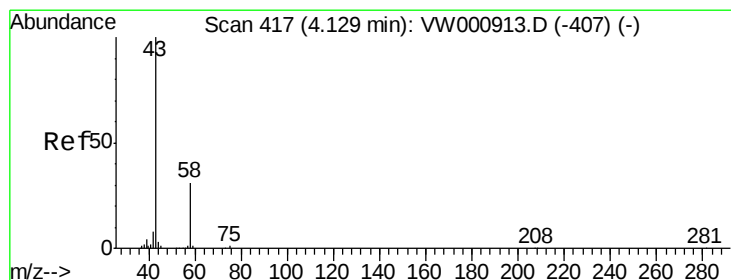
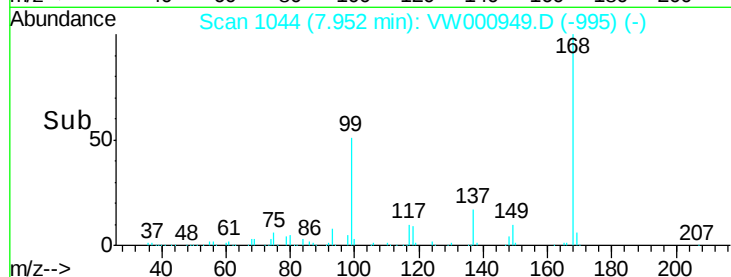
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 47.63 ug/l

RT: 4.13 min Scan# 417

Delta R.T. 0.00 min

Lab File: VW000949.D

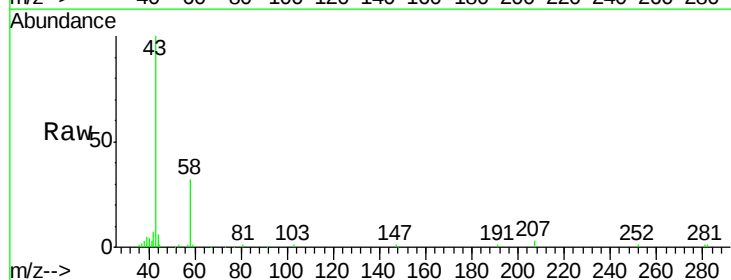
Acq: 24 Jan 2018 16:11

Tgt Ion: 43 Resp: 32407

Ion Ratio Lower Upper

43 100

58 32.2 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

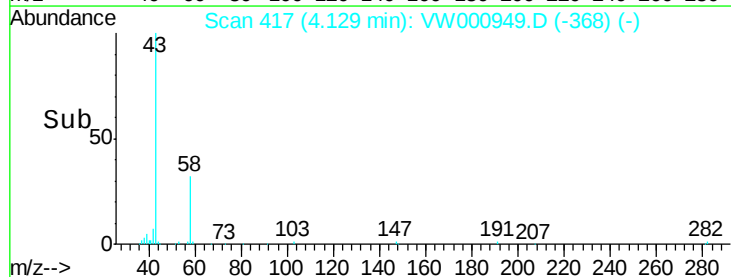
4.13

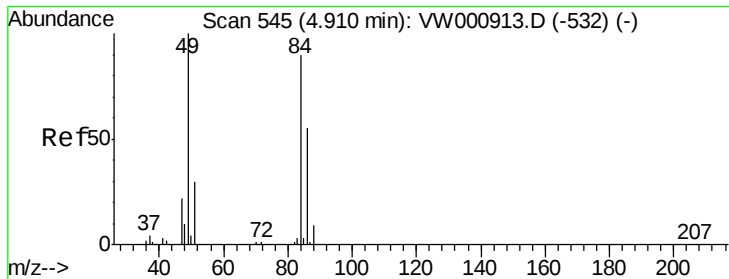
10000

5000

0

Time-->





#20

Methvlene Chloride

Concen: 10.83 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW000949.D

Acq: 24 Jan 2018 16:11

Instrument :

MSVOA_W

ClientSampleId :

SU-04-012218

Tot Ion: 84 Resp: 27554

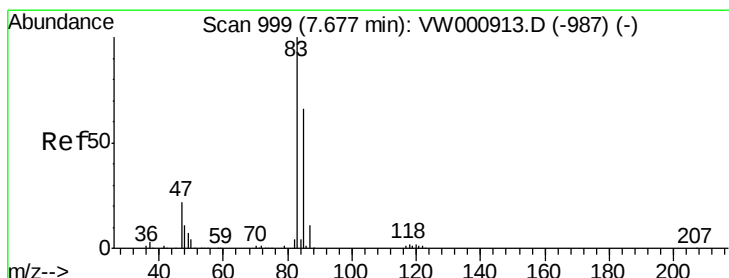
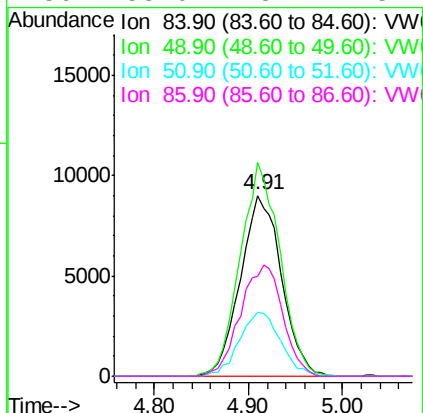
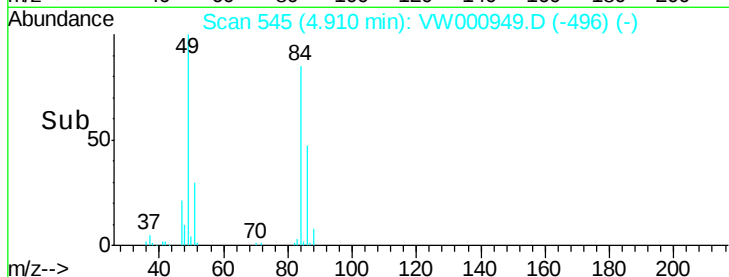
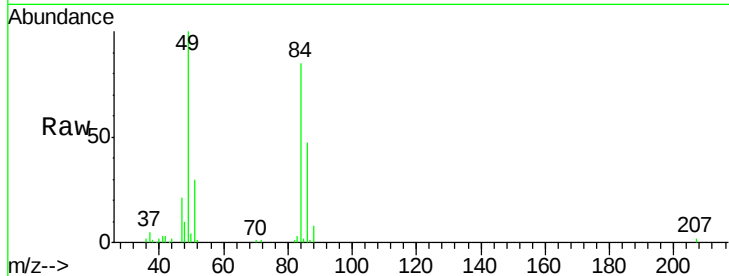
Ion	Ratio	Lower	Upper
84	100		
49	118.2	89.0	133.4
51	35.4	26.7	40.1
86	55.0	48.7	73.1

84 100

49 118.2 89.0 133.4

51 35.4 26.7 40.1

86 55.0 48.7 73.1



#30

Chloroform

Concen: 1.45 ug/l

RT: 7.68 min Scan# 1000

Delta R.T. 0.01 min

Lab File: VW000949.D

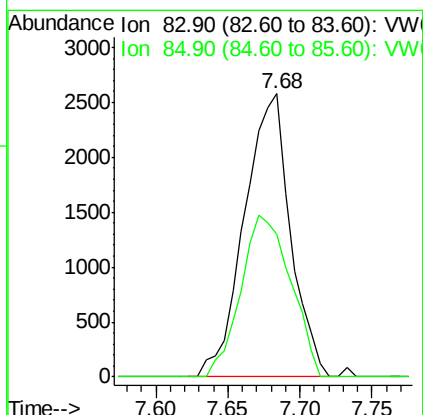
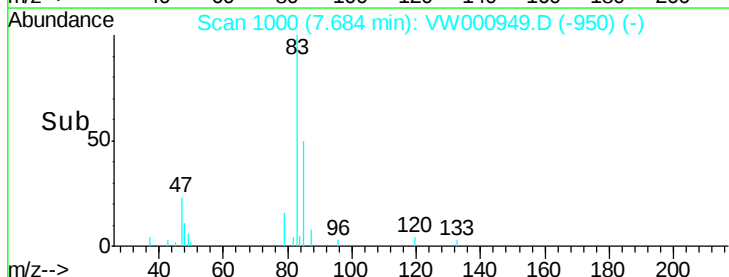
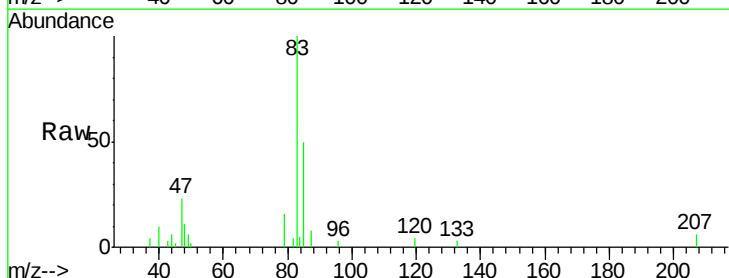
Acq: 24 Jan 2018 16:11

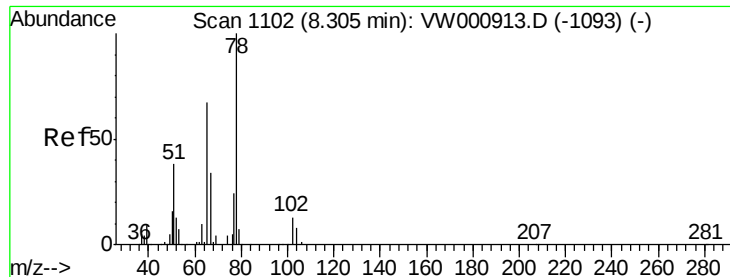
Tgt Ion: 83 Resp: 5716

Ion	Ratio	Lower	Upper
83	100		
85	50.4	52.5	78.7#

83 100

85 50.4 52.5 78.7#





#33

1,2-Dichloroethane-d4

Concen: 52.06 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW000949.D

Acq: 24 Jan 2018 16:11

Instrument :

MSVOA_W

ClientSampleId :

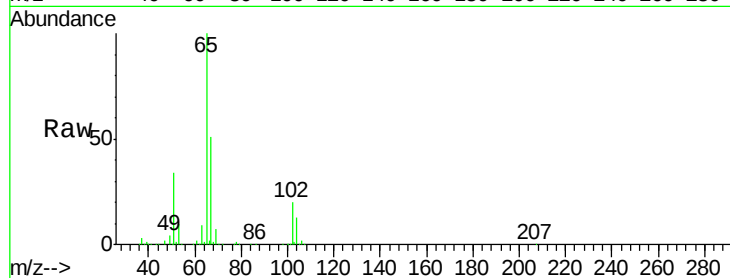
SU-04-012218

Tot Ion: 65 Resp: 120801

Ion Ratio Lower Upper

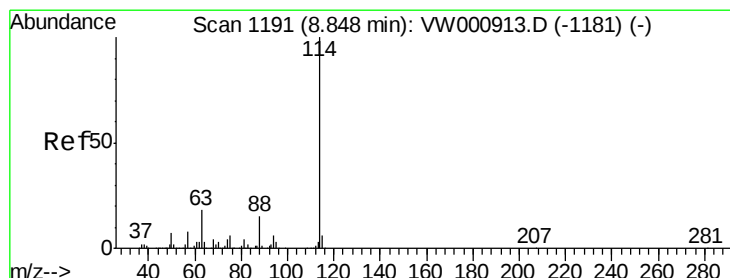
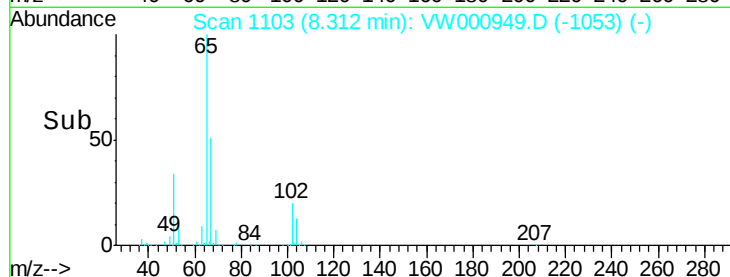
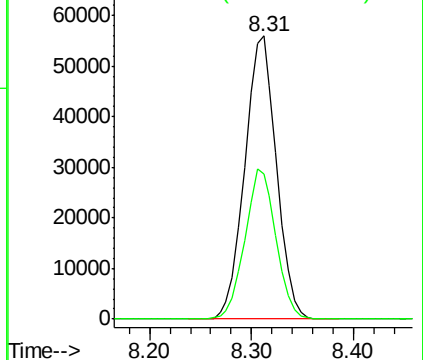
65 100

67 51.9 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW000949.D

Acq: 24 Jan 2018 16:11

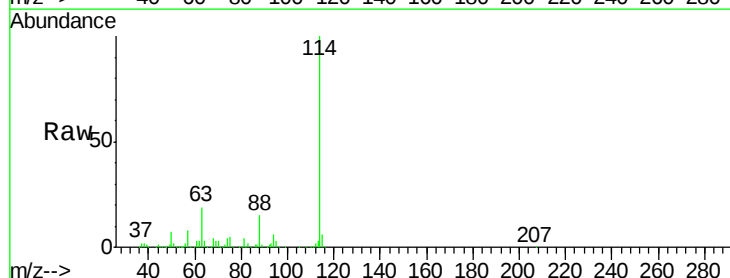
Tgt Ion: 114 Resp: 364948

Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.8

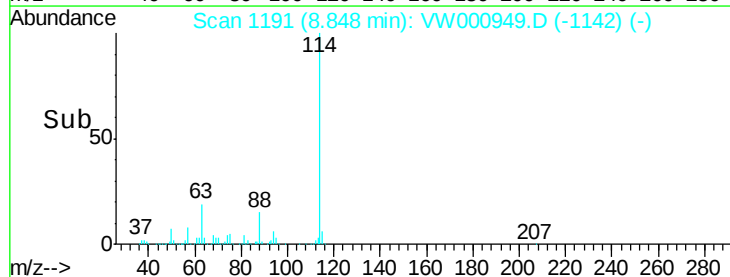
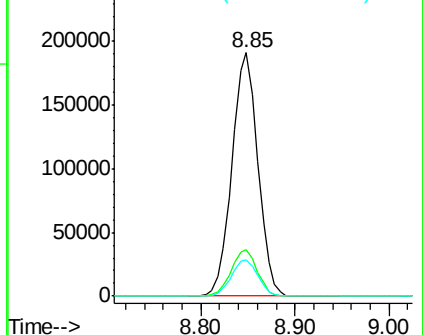
88 14.7 0.0 29.8

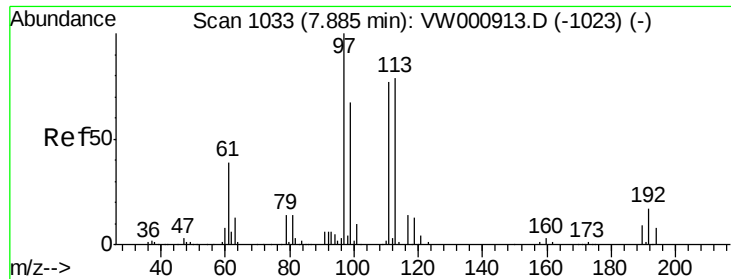


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

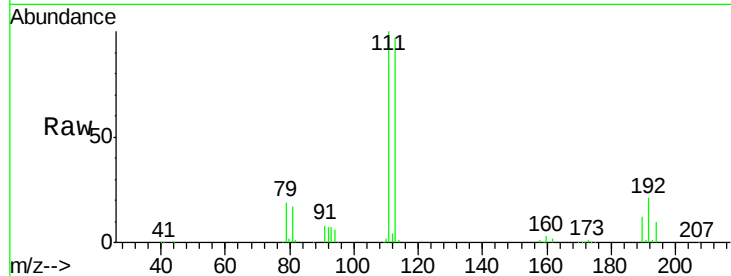




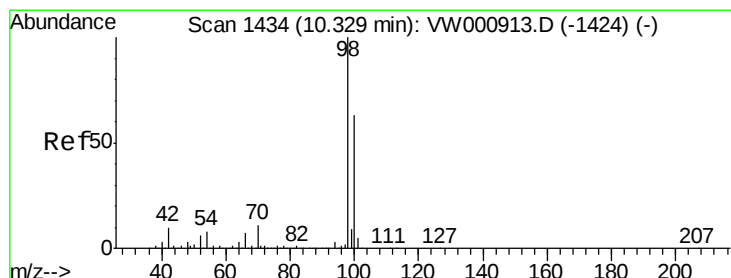
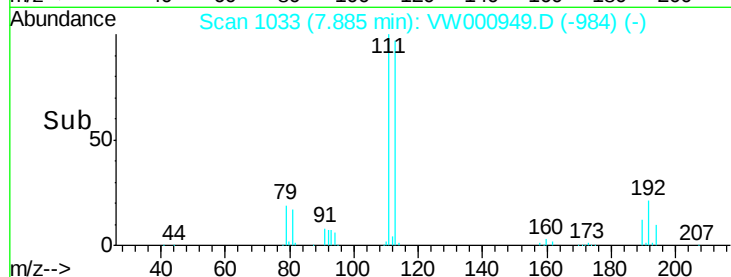
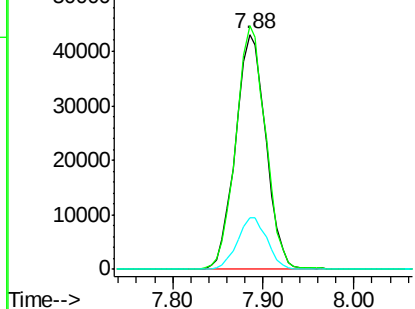
#35
 Dibromofluoromethane
 Concen: 44.77 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW000949.D
 Acq: 24 Jan 2018 16:11

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-04-012218

Tot Ion:113 Resp: 100092
 Ion Ratio Lower Upper
 113 100
 111 101.4 80.4 120.6
 192 21.5 17.0 25.4

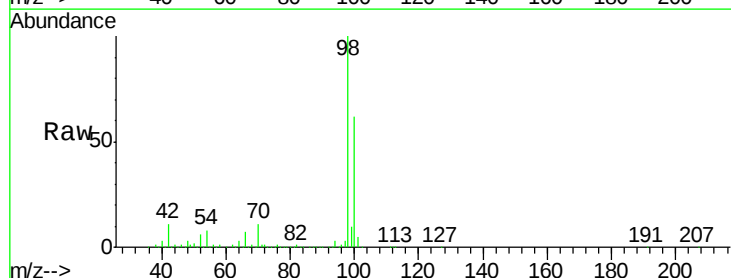


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

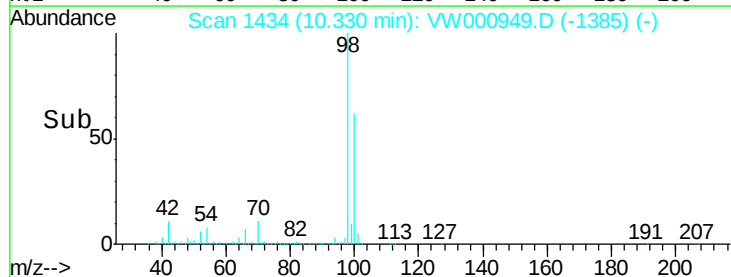
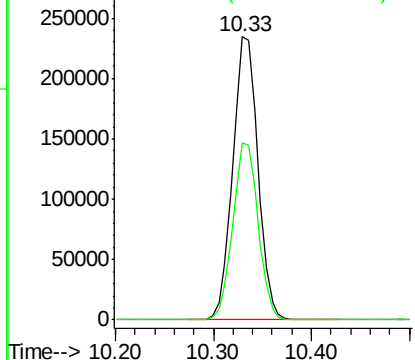


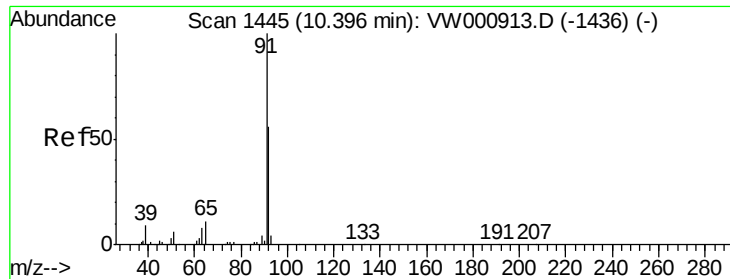
#50
 Toluene-d8
 Concen: 47.65 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW000949.D
 Acq: 24 Jan 2018 16:11

Tgt Ion: 98 Resp: 419943
 Ion Ratio Lower Upper
 98 100
 100 62.7 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 1.72 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. 0.00 min

Lab File: VW000949.D

Acq: 24 Jan 2018 16:11

Instrument :

MSVOA_W

ClientSampleId :

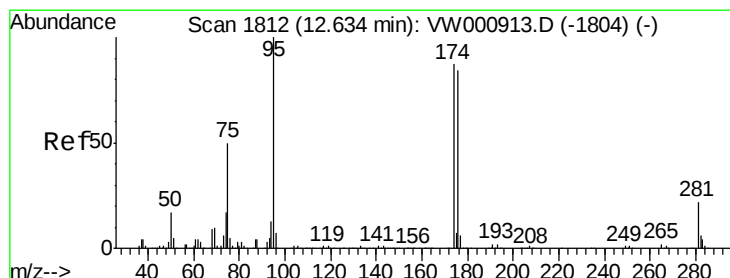
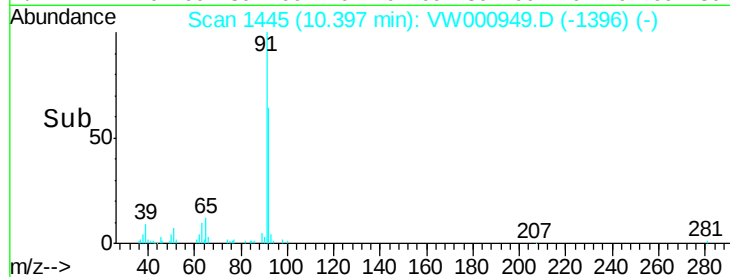
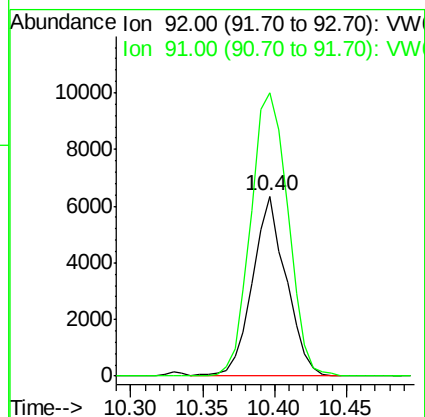
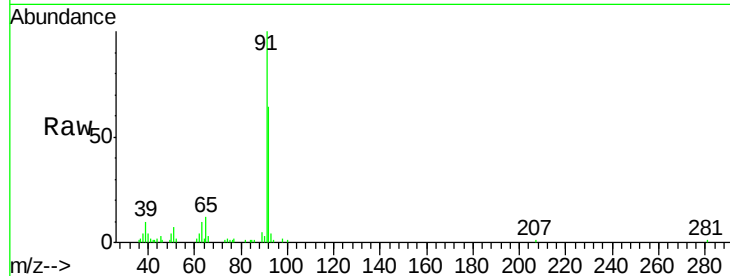
SU-04-012218

Tot Ion: 92 Resp: 10259

Ion Ratio Lower Upper

92 100

91 174.1 140.7 211.1



#62

4-Bromofluorobenzene

Concen: 42.97 ug/l

RT: 12.63 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW000949.D

Acq: 24 Jan 2018 16:11

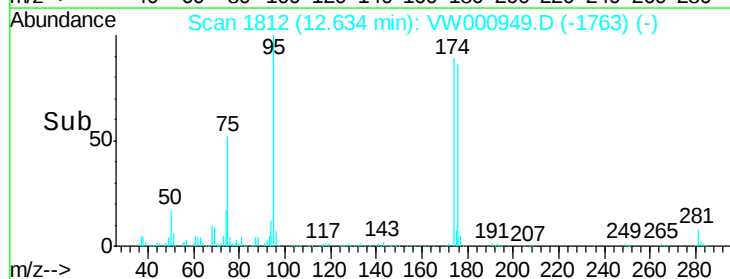
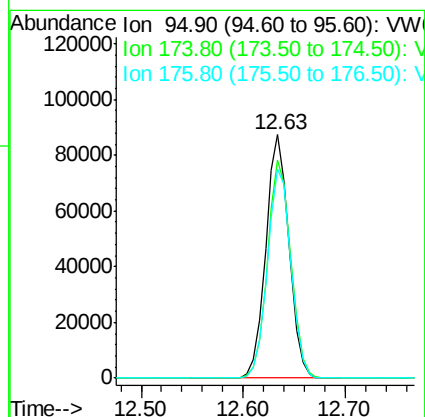
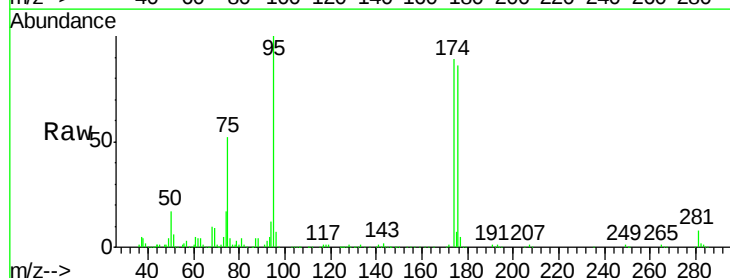
Tgt Ion: 95 Resp: 137937

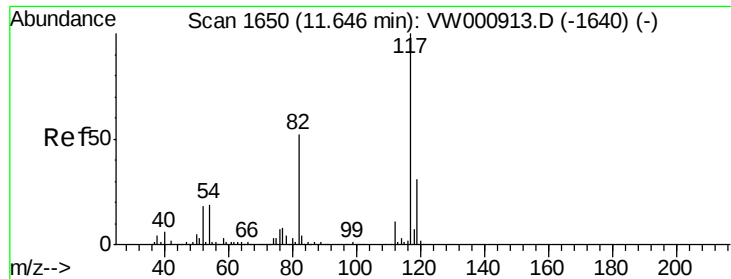
Ion Ratio Lower Upper

95 100

174 89.8 0.0 176.8

176 86.6 0.0 171.8

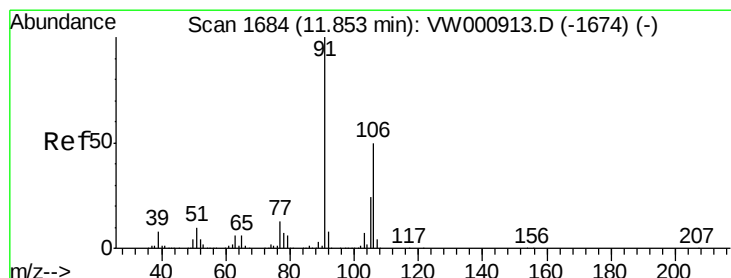
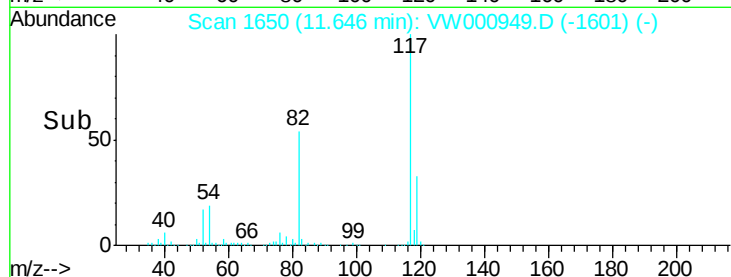
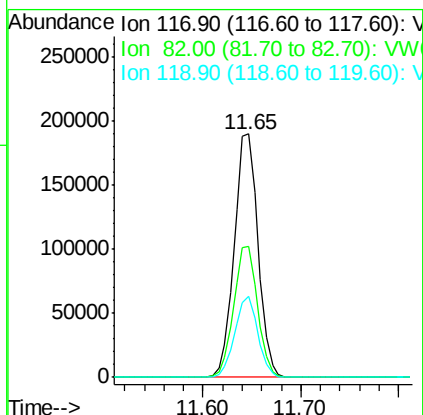
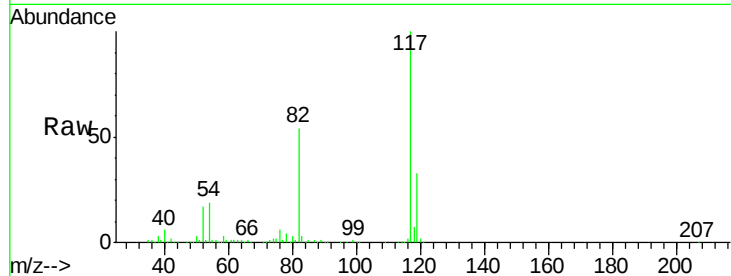




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1650
Delta R.T. 0.00 min
Lab File: VW000949.D
Acq: 24 Jan 2018 16:11

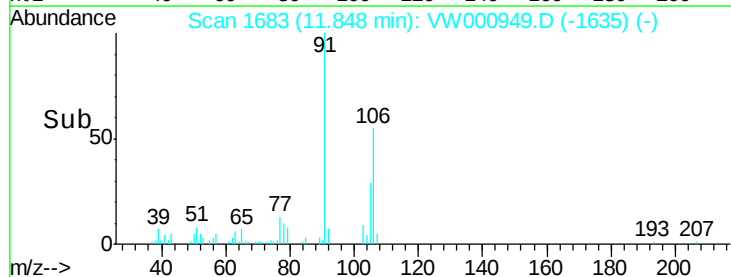
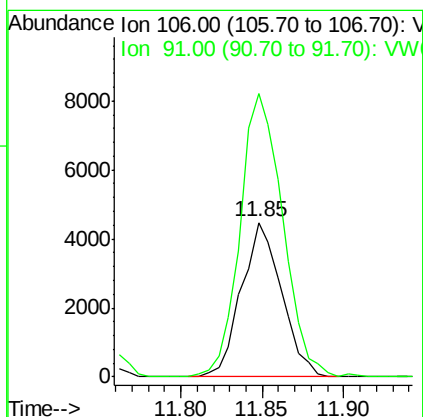
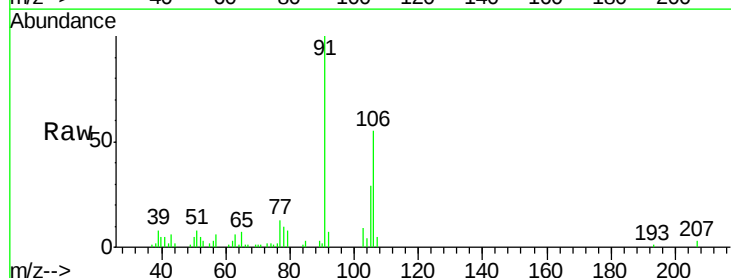
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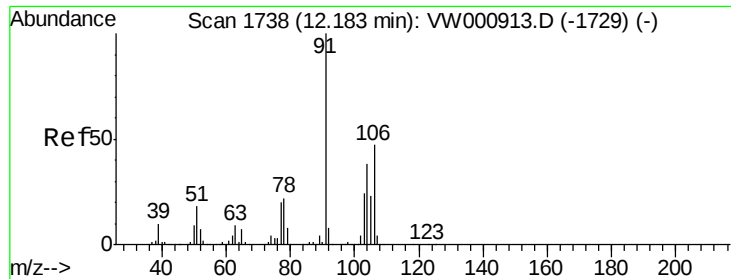
Tot Ion:117 Resp: 320112
Ion Ratio Lower Upper
117 100
82 53.7 41.8 62.6
119 33.2 25.2 37.8



#68
m/p-Xylenes
Concen: 1.78 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW000949.D
Acq: 24 Jan 2018 16:11

Tgt Ion:106 Resp: 7675
Ion Ratio Lower Upper
106 100
91 194.9 161.9 242.9

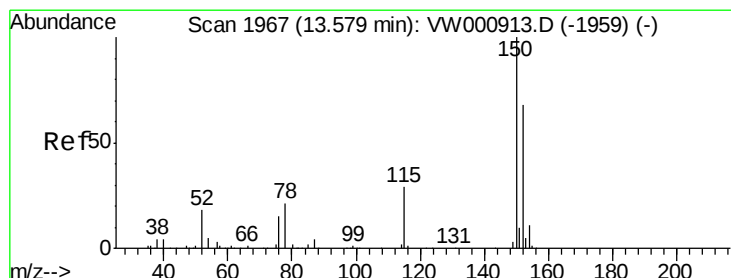
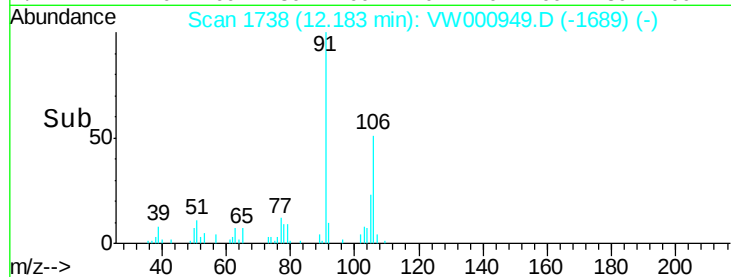
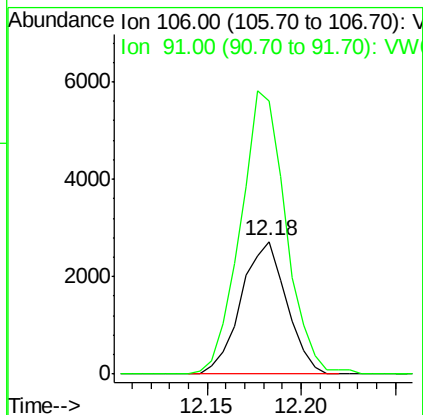
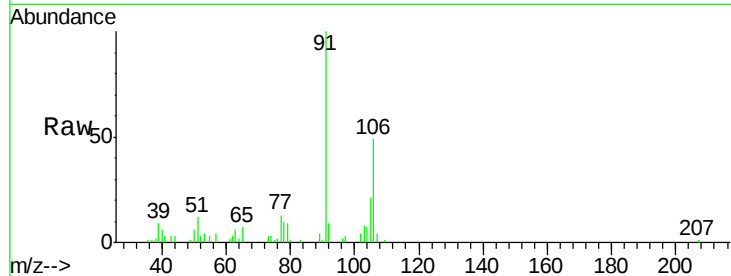




#69
o-Xylene
Concen: 1.15 ug/l
RT: 12.18 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VW000949.D
Acq: 24 Jan 2018 16:11

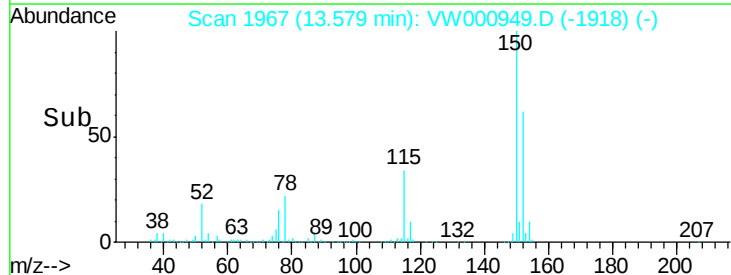
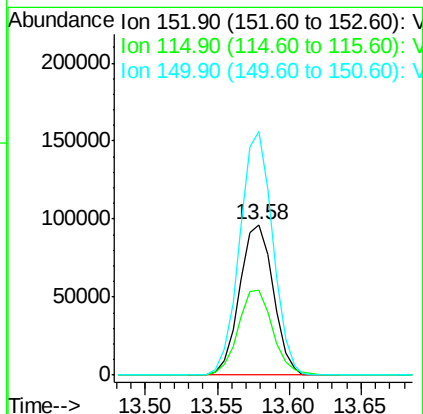
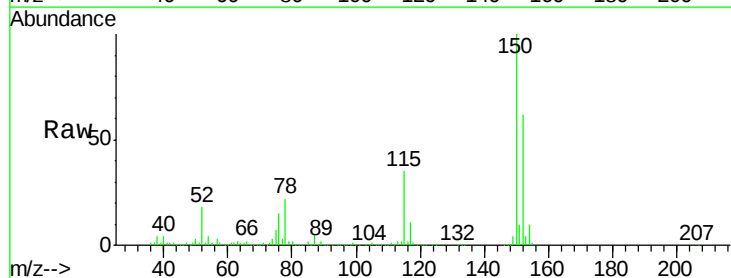
Instrument :
MSVOA_W
ClientSampled :
SU-04-012218

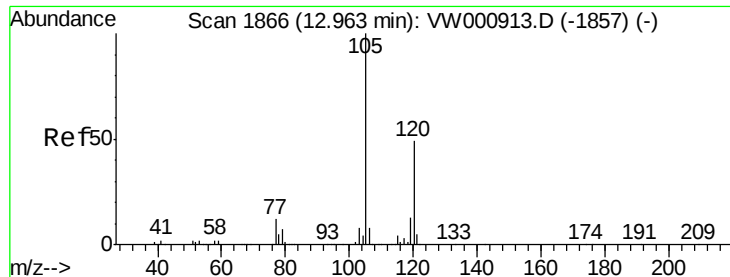
Tot Ion:106 Resp: 4547
Ion Ratio Lower Upper
106 100
91 213.9 106.3 318.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.58 min Scan# 1967
Delta R.T. 0.00 min
Lab File: VW000949.D
Acq: 24 Jan 2018 16:11

Tgt Ion:152 Resp: 156491
Ion Ratio Lower Upper
152 100
115 58.0 28.5 85.5
150 158.3 0.0 342.0





#80

1,3,5-Trimethylbenzene

Concen: 2.25 ug/l

RT: 12.96 min Scan# 1866

Delta R.T. 0.00 min

Lab File: VW000949.D

Acq: 24 Jan 2018 16:11

Instrument :

MSVOA_W

ClientSampleId :

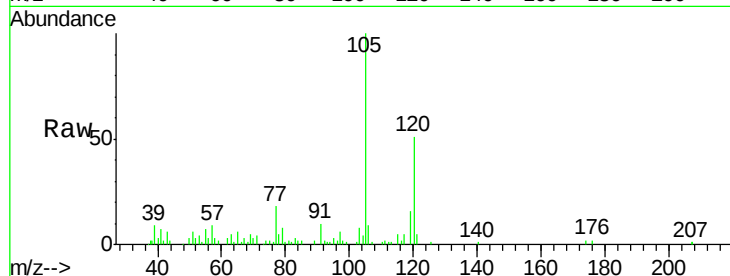
SU-04-012218

Tot Ion:105 Resp: 19359

Ion Ratio Lower Upper

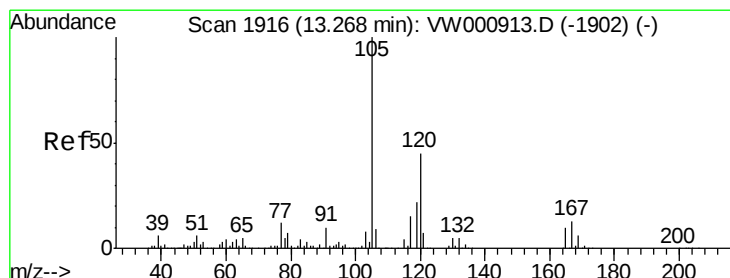
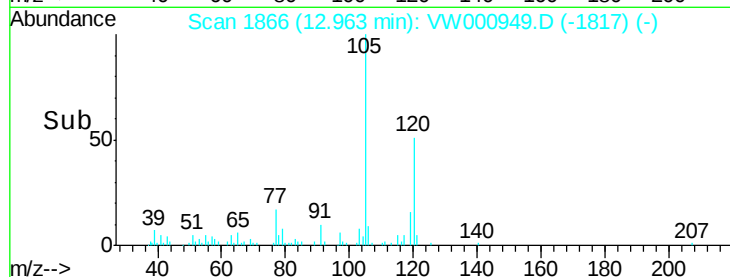
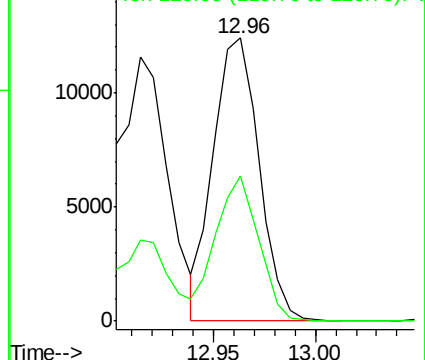
105 100

120 48.1 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 9.85 ug/l

RT: 13.27 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VW000949.D

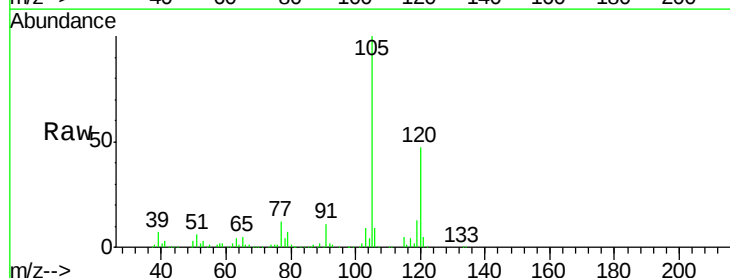
Acq: 24 Jan 2018 16:11

Tgt Ion:105 Resp: 85692

Ion Ratio Lower Upper

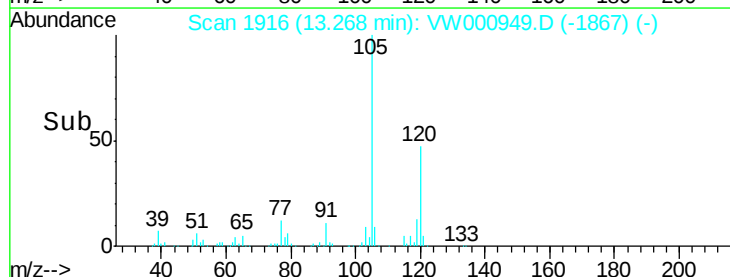
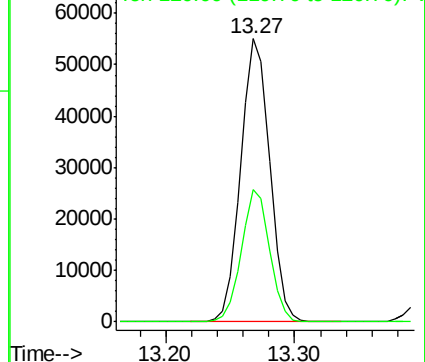
105 100

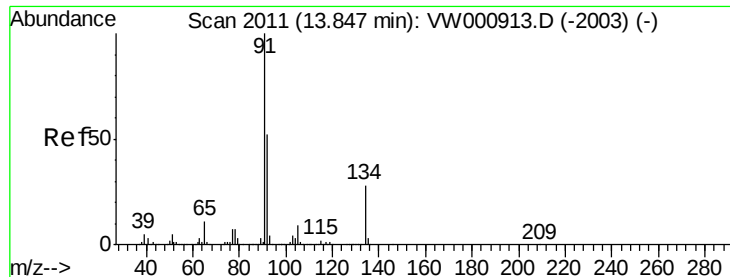
120 45.2 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

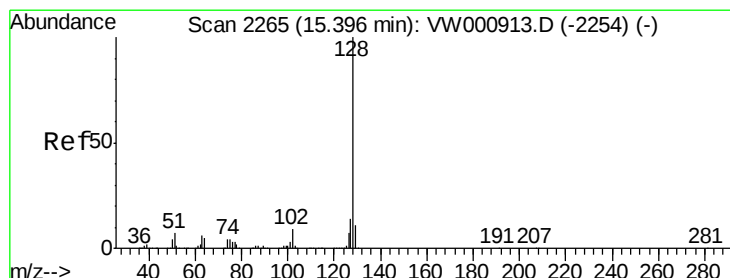
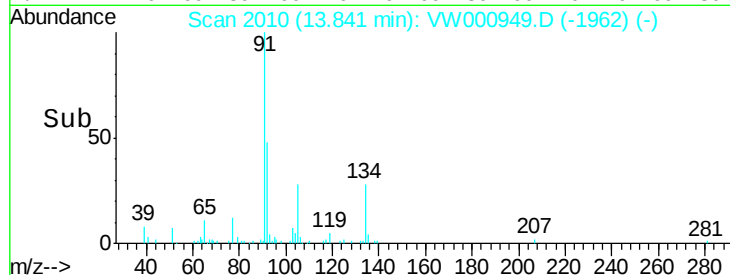
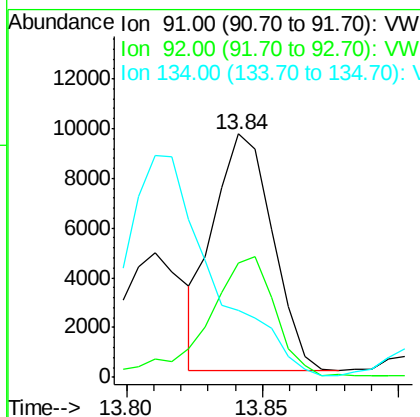
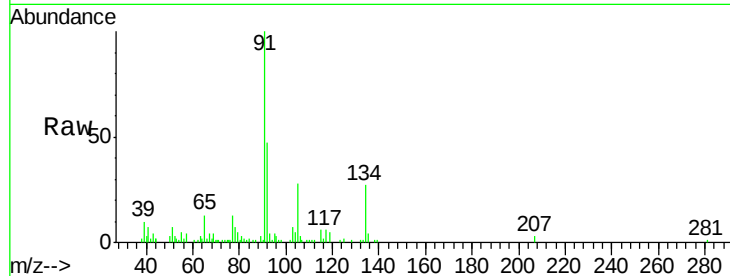




#89
n-Butylbenzene
Concen: 1.58 ug/l
RT: 13.84 min Scan# 2010
Delta R.T. -0.01 min
Lab File: VW000949.D
Acq: 24 Jan 2018 16:11

Instrument :
MSVOA_W
ClientSampleId :
SU-04-012218

Tot Ion: 91 Resp: 14307
Ion Ratio Lower Upper
91 100
92 57.2 26.2 78.6
134 0.0 13.7 41.1#



#95
Naphthalene
Concen: 2.18 ug/l
RT: 15.40 min Scan# 2265
Delta R.T. 0.00 min
Lab File: VW000949.D
Acq: 24 Jan 2018 16:11

Tgt Ion:128 Resp: 15740
Ion Ratio Lower Upper
128 100
127 19.8 10.6 15.8#
129 20.1 8.7 13.1#

