

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091818\
 Data File : VW005488.D
 Acq On : 18 Sep 2018 19:12
 Operator : SY/AP
 Sample : J4946-01RE
 Misc : 5.60G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RB12983RTRE

Quant Time: Sep 19 06:33:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	196957	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	360385	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	345955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	149991	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.32	65	133006	65.06	ug/l	0.00
Spiked Amount			Recovery	=	130.12%	
35) Dibromofluoromethane	7.89	113	91234	45.15	ug/l	0.00
Spiked Amount			Recovery	=	90.30%	
50) Toluene-d8	10.33	98	299267	32.34	ug/l	0.00
Spiked Amount			Recovery	=	64.68%	
62) 4-Bromofluorobenzene	12.62	95	123751	36.47	ug/l	0.00
Spiked Amount			Recovery	=	72.94%	

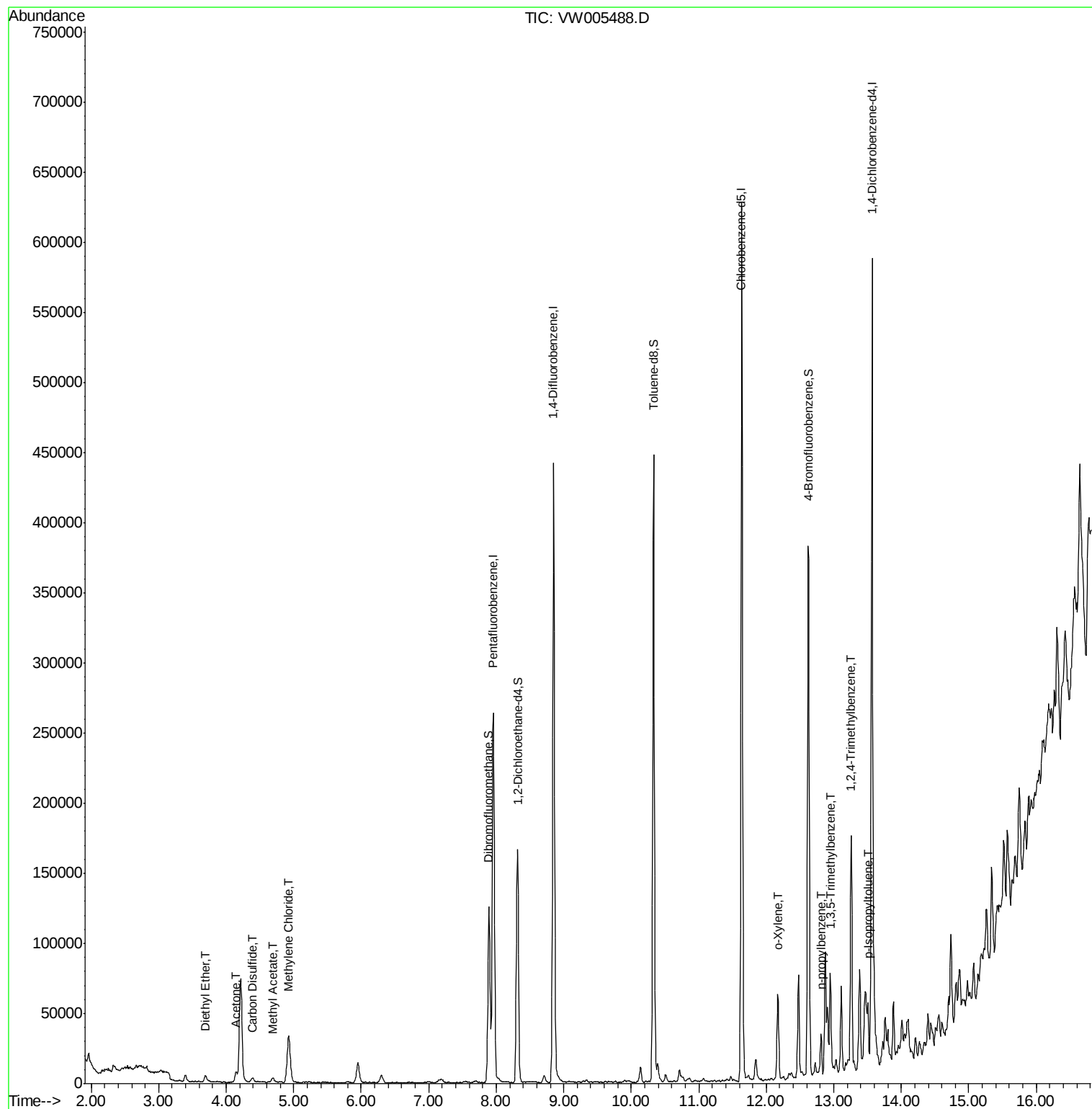
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.69	74	2012	2.35	ug/l	51
16) Acetone	4.15	43	13964	31.77	ug/l	95
17) Carbon Disulfide	4.39	76	6543	1.22	ug/l	100
18) Methyl Acetate	4.68	43	6625	6.74	ug/l	95
20) Methylene Chloride	4.92	84	25139	7.52	ug/l	97
69) o-Xylene	12.17	106	15308	3.31	ug/l	98
78) n-propylbenzene	12.81	91	21561	1.70	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	28497	3.10	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	93951	10.08	ug/l	100
86) p-Isopropyltoluene	13.51	119	23927	2.43	ug/l #	79

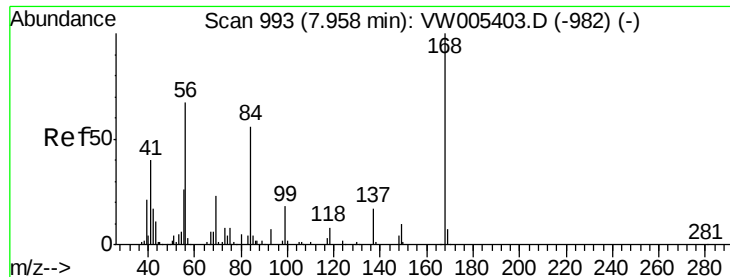
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091818\
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Quant Time: Sep 19 06:33:04 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005488.D

Acq: 18 Sep 2018 19:12

Instrument :

MSVOA_W

ClientSampleId :

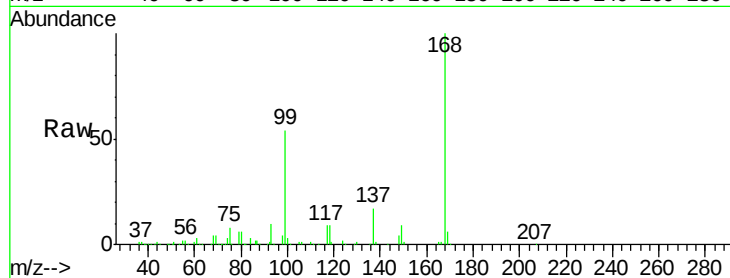
RB12983RTRE

Tot Ion:168 Resp: 196957

Ion Ratio Lower Upper

168 100

99 54.4 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

80000

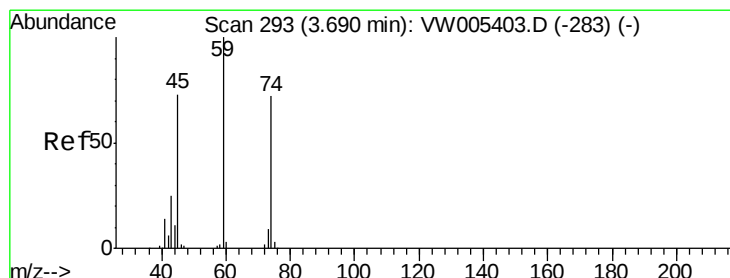
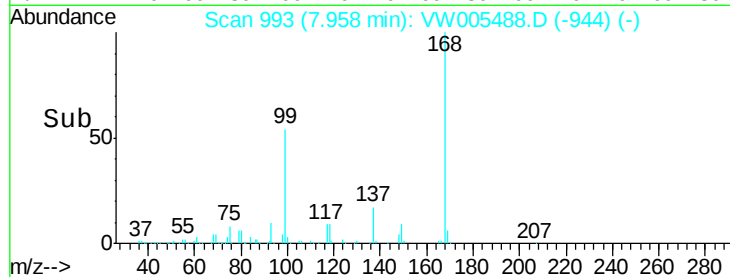
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 2.35 ug/l

RT: 3.69 min Scan# 293

Delta R.T. -0.00 min

Lab File: VW005488.D

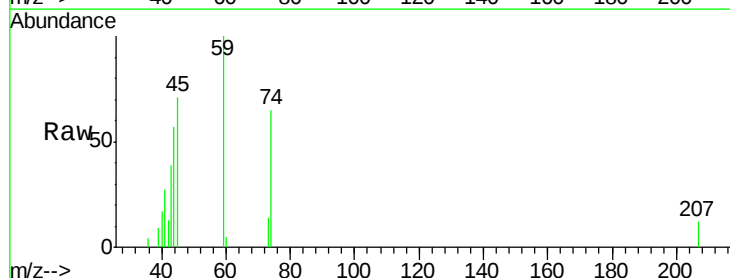
Acq: 18 Sep 2018 19:12

Tgt Ion: 74 Resp: 2012

Ion Ratio Lower Upper

74 100

45 157.3 53.1 159.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.69

1200

1000

800

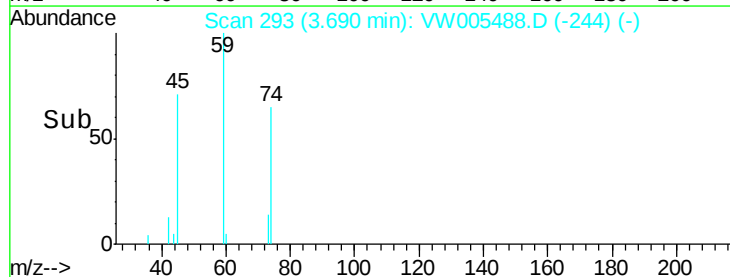
600

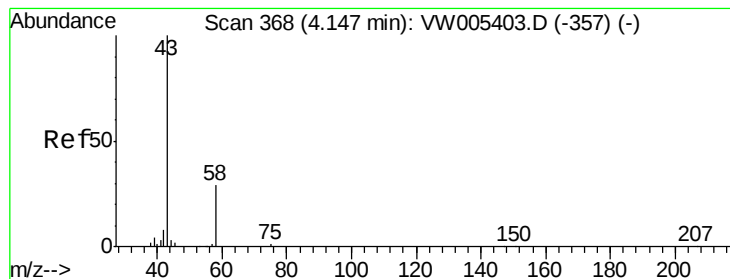
400

200

0

Time-->





#16

Acetone

Concen: 31.77 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW005488.D

Acq: 18 Sep 2018 19:12

Instrument :

MSVOA_W

ClientSampleId :

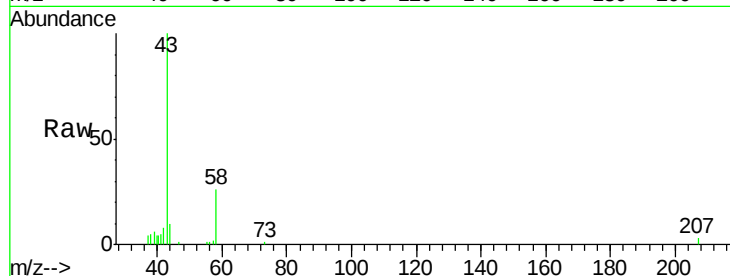
RB12983RTRE

Tot Ion: 43 Resp: 13964

Ion Ratio Lower Upper

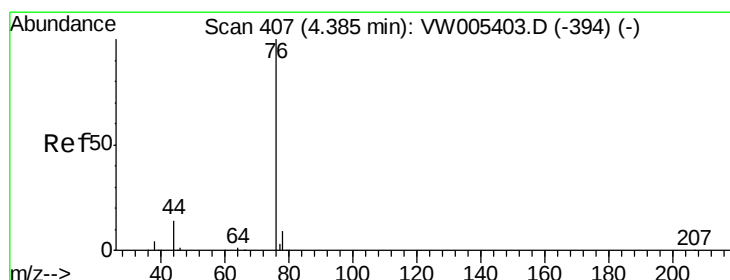
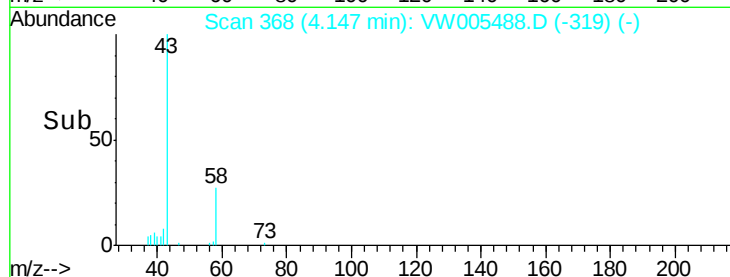
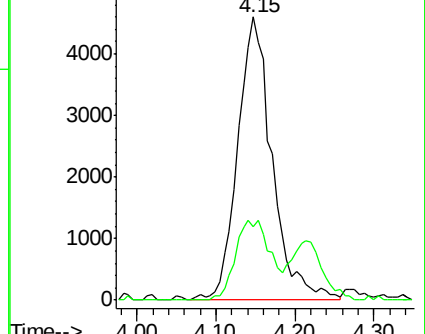
43 100

58 26.0 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#17

Carbon Disulfide

Concen: 1.22 ug/l

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW005488.D

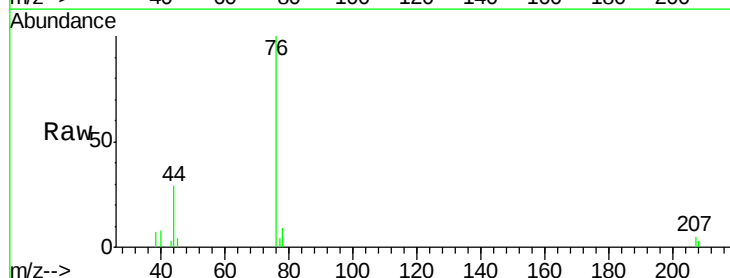
Acq: 18 Sep 2018 19:12

Tgt Ion: 76 Resp: 6543

Ion Ratio Lower Upper

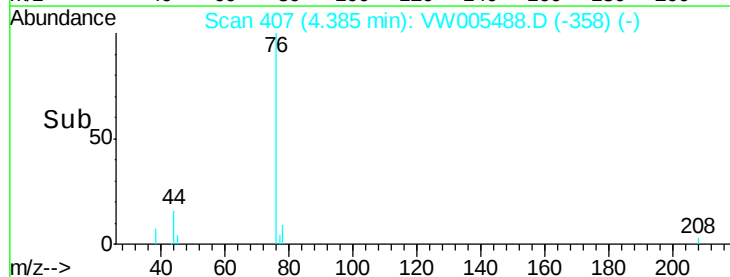
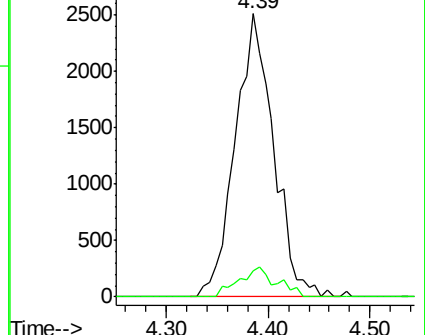
76 100

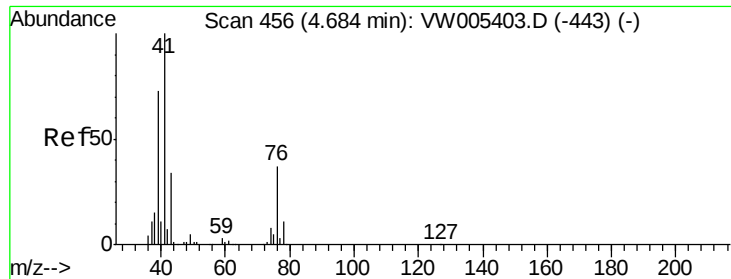
78 9.2 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW





#18

Methyl Acetate

Concen: 6.74 ug/l

RT: 4.68 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW005488.D

Acq: 18 Sep 2018 19:12

Instrument :

MSVOA_W

ClientSampleId :

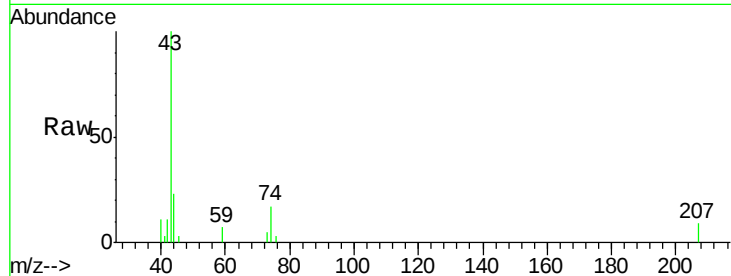
RB12983RTRE

Tot Ion: 43 Resp: 6625

Ion Ratio Lower Upper

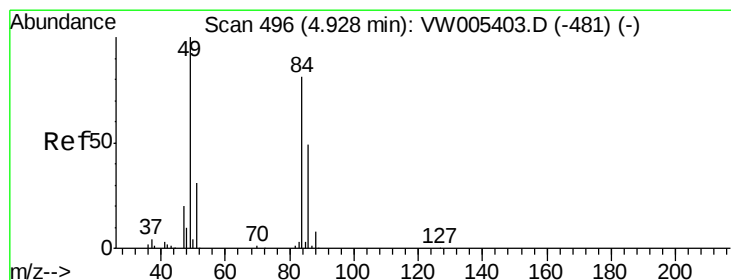
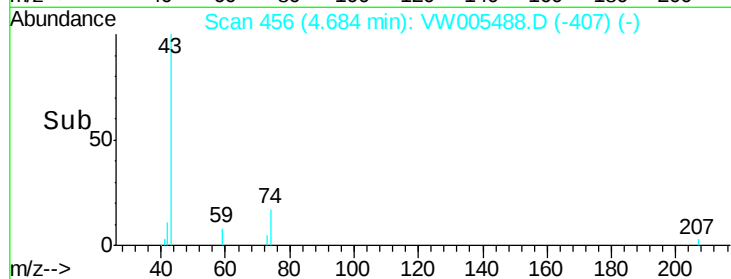
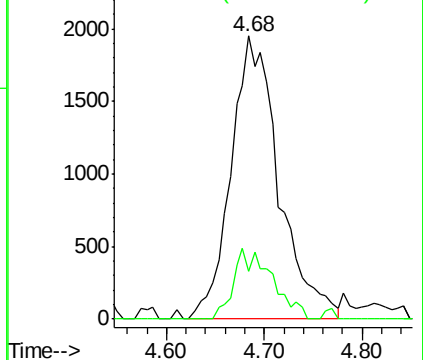
43 100

74 19.9 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



#20

Methylene Chloride

Concen: 7.52 ug/l

RT: 4.92 min Scan# 495

Delta R.T. -0.01 min

Lab File: VW005488.D

Acq: 18 Sep 2018 19:12

Tgt Ion: 84 Resp: 25139

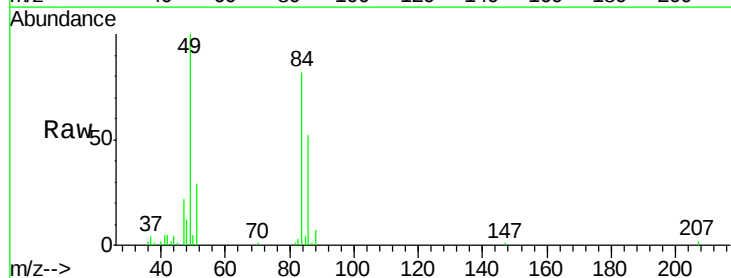
Ion Ratio Lower Upper

84 100

49 121.6 99.3 148.9

51 35.6 31.1 46.7

86 63.4 49.1 73.7

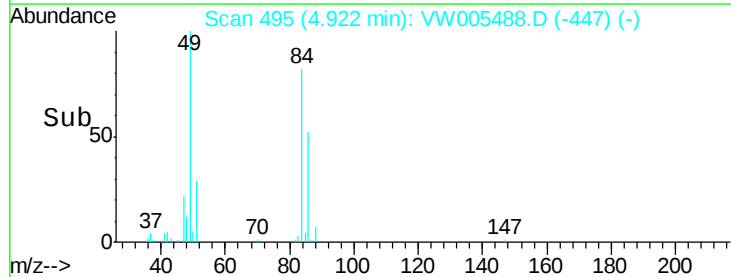
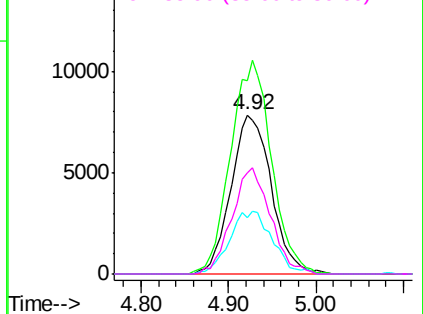


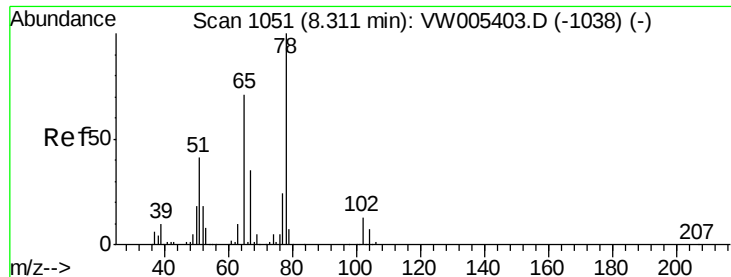
Abundance Ion 83.90 (83.60 to 84.60): VW

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

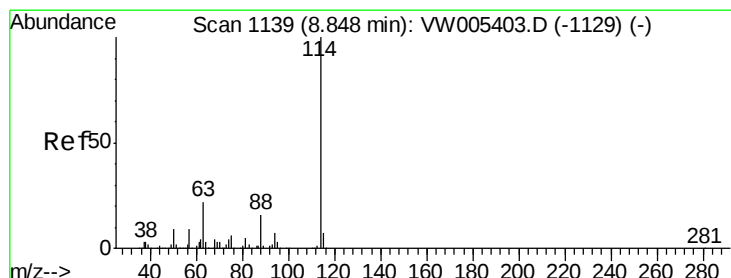
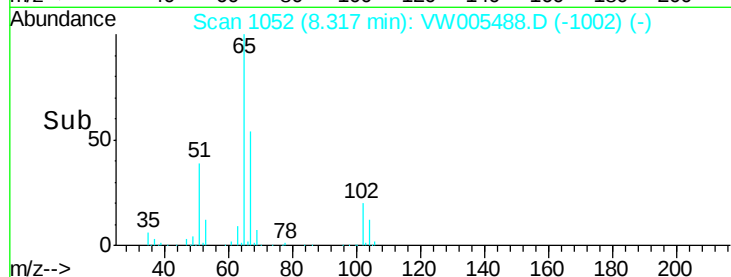
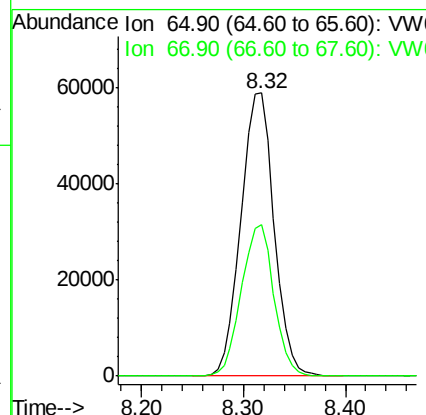
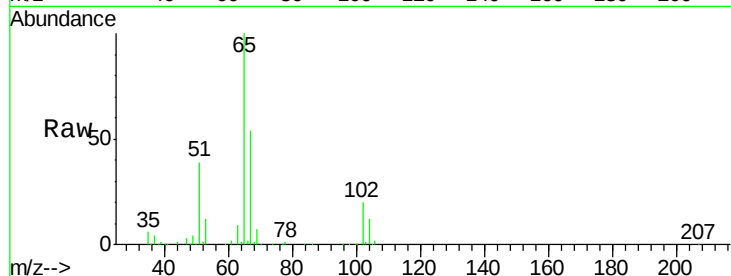




#33
 1,2-Dichloroethane-d4
 Concen: 65.06 ug/l
 RT: 8.32 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VW005488.D
 Acq: 18 Sep 2018 19:12

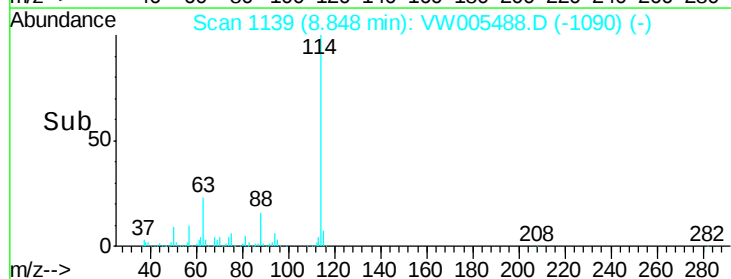
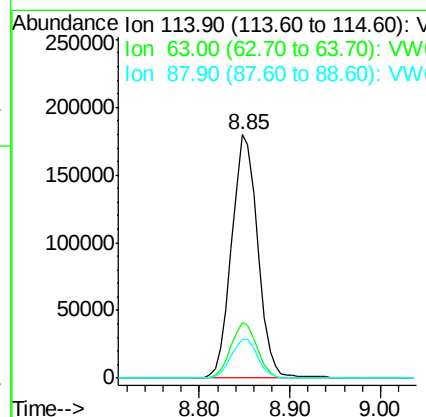
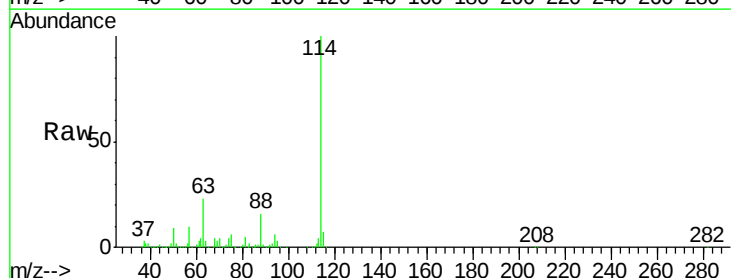
Instrument :
 MSVOA_W
 ClientSampleId :
 RB12983RTRE

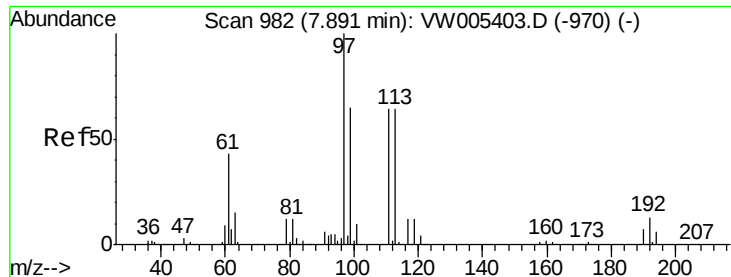
Tot Ion: 65 Resp: 133006
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005488.D
 Acq: 18 Sep 2018 19:12

Tgt Ion: 114 Resp: 360385
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 43.4
 88 16.1 0.0 31.8

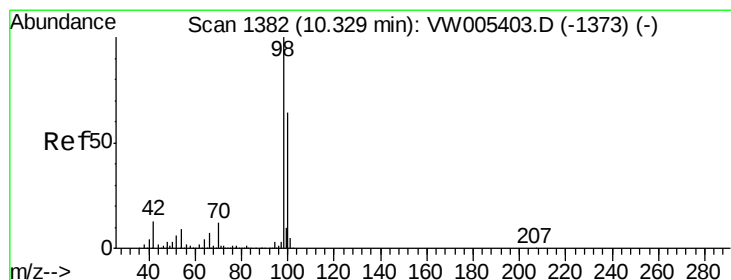
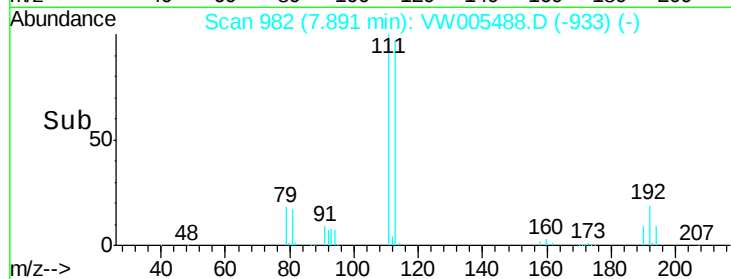
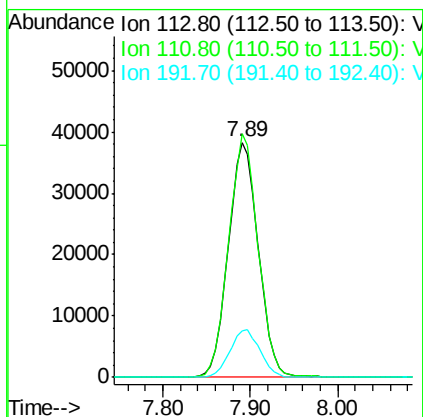
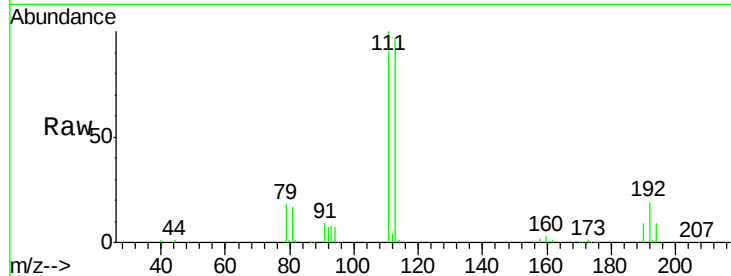




#35
Dibromofluoromethane
Concen: 45.15 ug/l
RT: 7.89 min Scan# 982
Delta R.T. -0.00 min
Lab File: VW005488.D
Acq: 18 Sep 2018 19:12

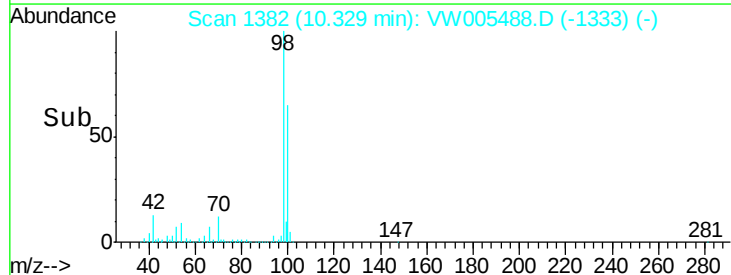
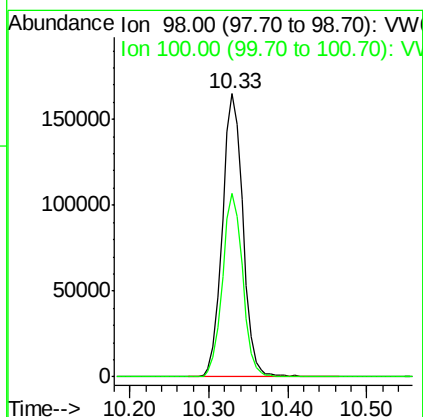
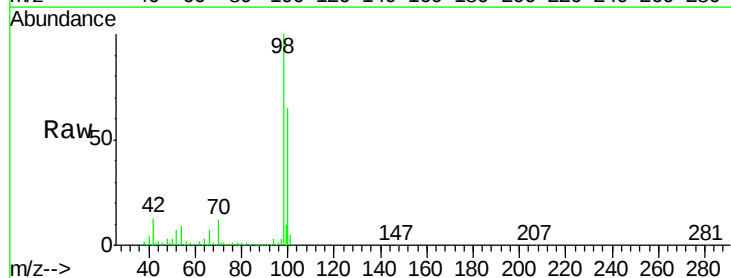
Instrument :
MSVOA_W
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RB12983RTRE

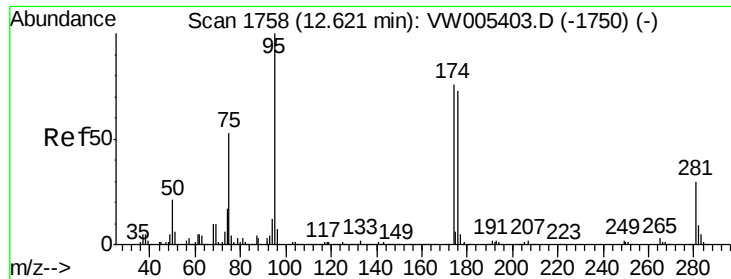
Tot Ion:113 Resp: 91234
Ion Ratio Lower Upper
113 100
111 101.5 82.3 123.5
192 20.2 16.5 24.7



#50
Toluene-d8
Concen: 32.34 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005488.D
Acq: 18 Sep 2018 19:12

Tgt Ion: 98 Resp: 299267
Ion Ratio Lower Upper
98 100
100 63.7 51.4 77.0





#62

4-Bromofluorobenzene

Concen: 36.47 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005488.D

Acq: 18 Sep 2018 19:12

Instrument :

MSVOA_W

ClientSampleId :

RB12983RTRE

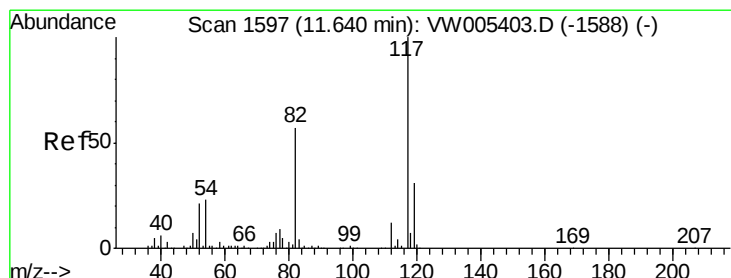
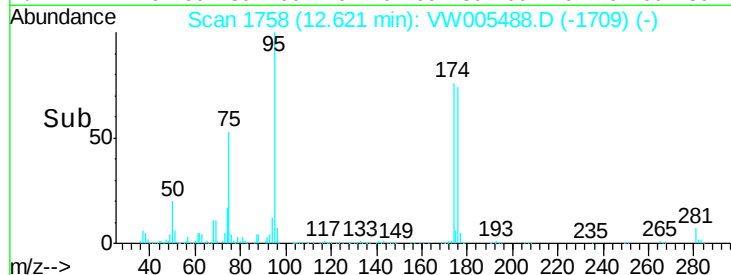
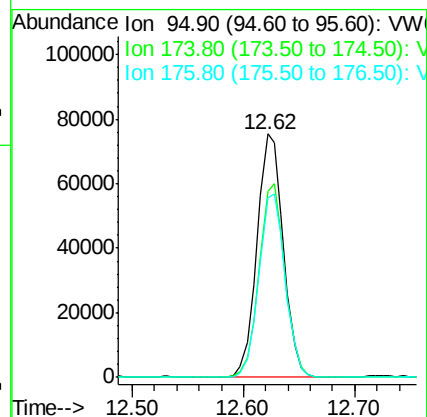
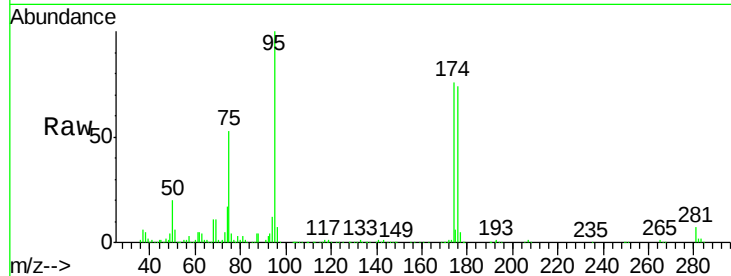
Tot Ion: 95 Resp: 123751

Ion Ratio Lower Upper

95 100

174 78.2 0.0 161.2

176 75.5 0.0 156.6



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. -0.00 min

Lab File: VW005488.D

Acq: 18 Sep 2018 19:12

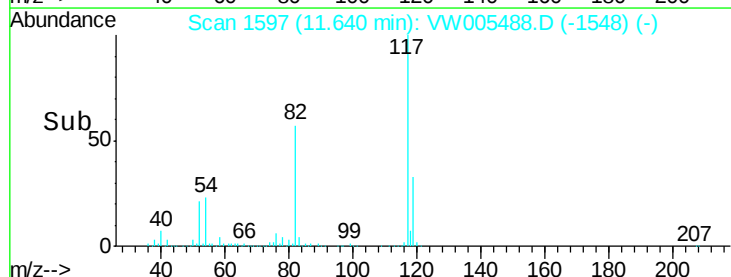
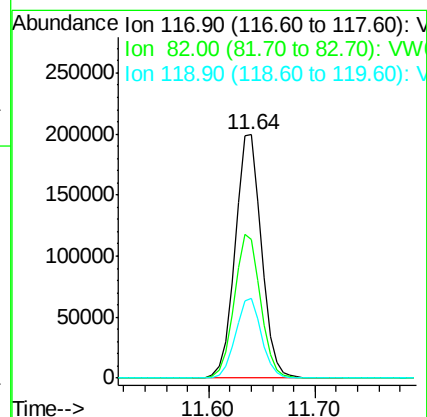
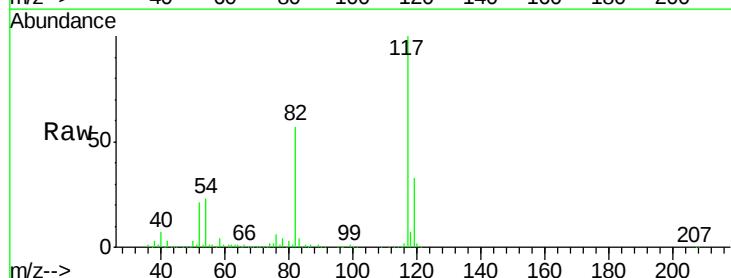
Tgt Ion: 117 Resp: 345955

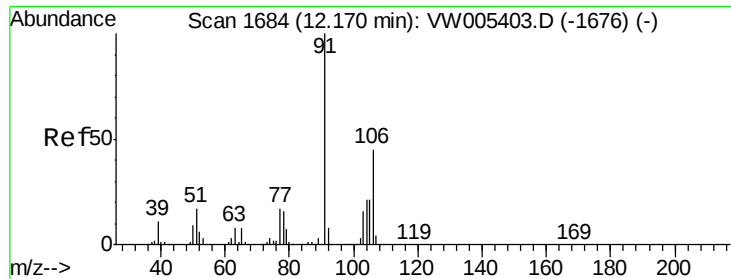
Ion Ratio Lower Upper

117 100

82 57.0 45.9 68.9

119 32.8 24.8 37.2

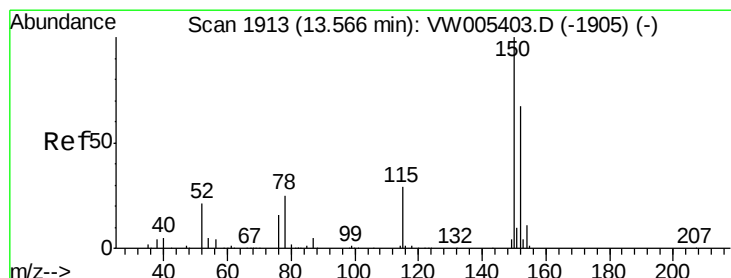
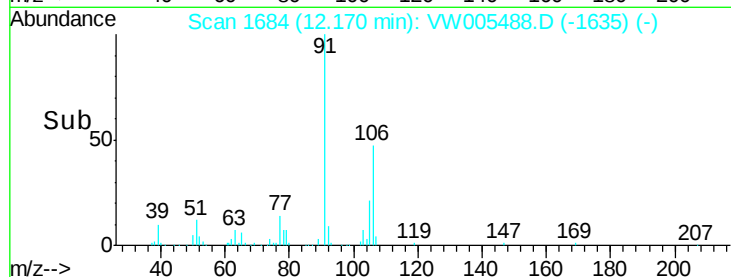
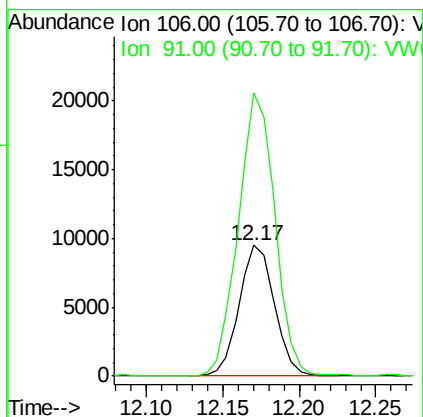
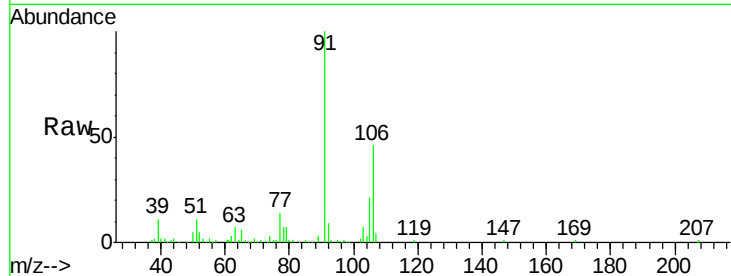




#69
o-Xylene
Concen: 3.31 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005488.D
Acq: 18 Sep 2018 19:12

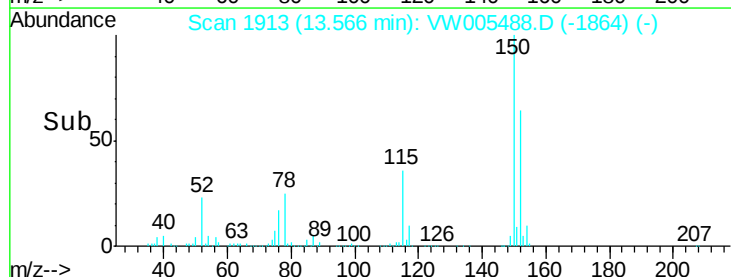
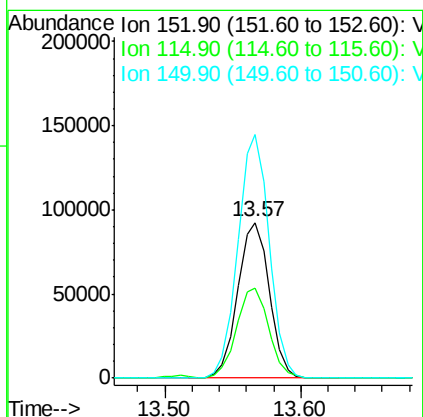
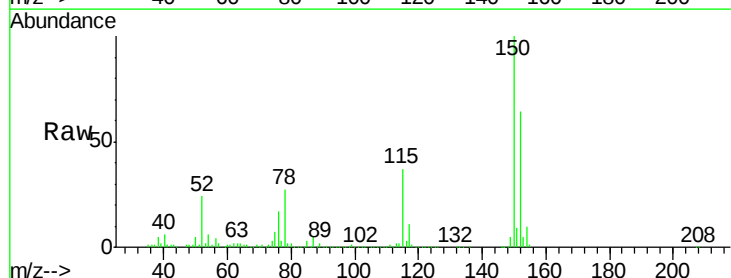
Instrument :
MSVOA_W
ClientSampleId :
RB12983RTRE

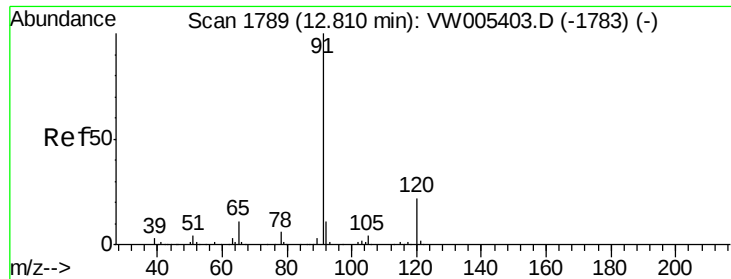
Tot Ion:106 Resp: 15308
Ion Ratio Lower Upper
106 100
91 223.7 110.6 331.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005488.D
Acq: 18 Sep 2018 19:12

Tgt Ion:152 Resp: 149991
Ion Ratio Lower Upper
152 100
115 59.6 29.5 88.5
150 154.8 0.0 345.6





#78

n-propylbenzene

Concen: 1.70 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005488.D

Acq: 18 Sep 2018 19:12

Instrument :

MSVOA_W

ClientSampleId :

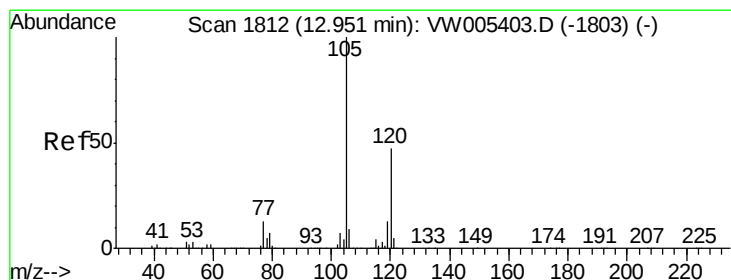
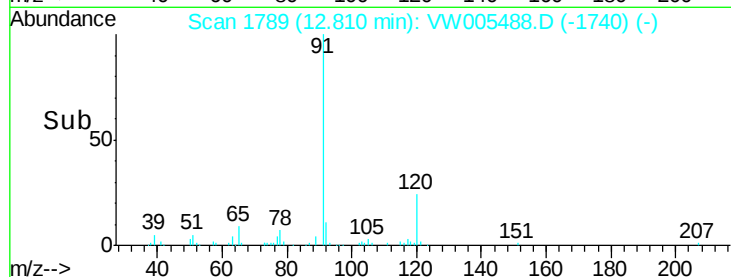
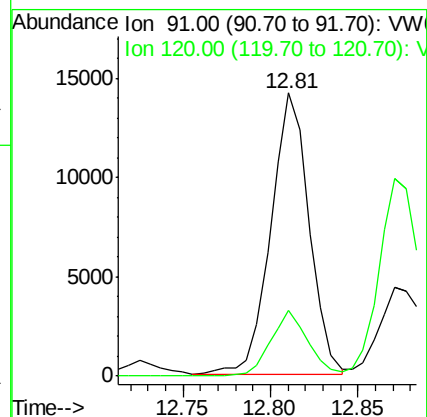
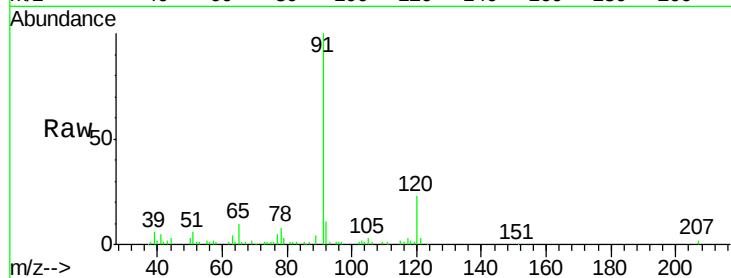
RB12983RTRE

Tot Ion: 91 Resp: 21561

Ion Ratio Lower Upper

91 100

120 23.0 11.3 33.8



#80

1,3,5-Trimethylbenzene

Concen: 3.10 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW005488.D

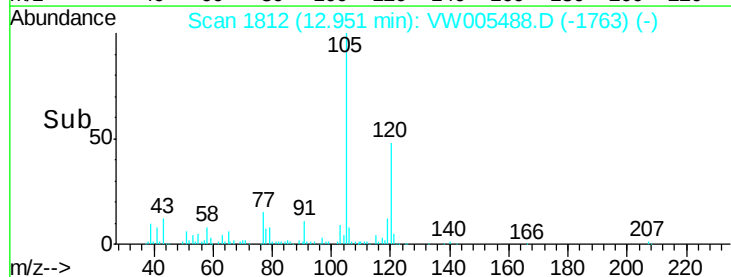
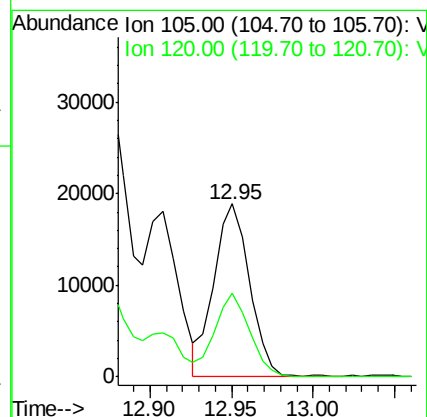
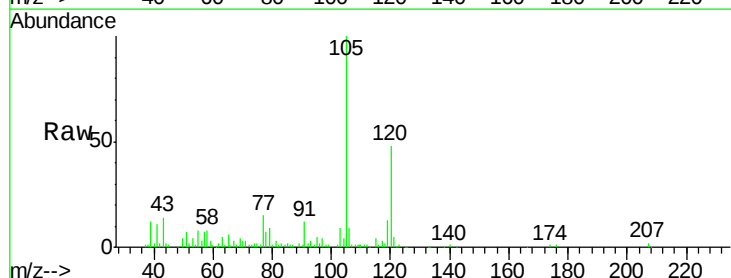
Acq: 18 Sep 2018 19:12

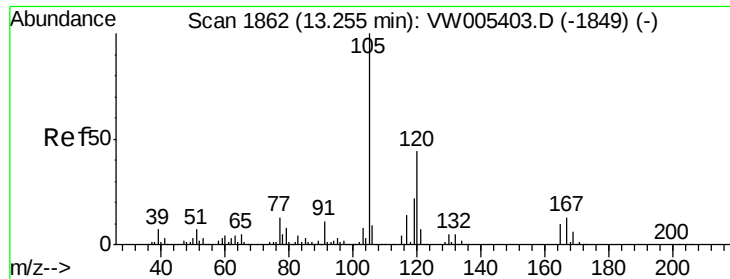
Tgt Ion:105 Resp: 28497

Ion Ratio Lower Upper

105 100

120 48.0 23.5 70.5

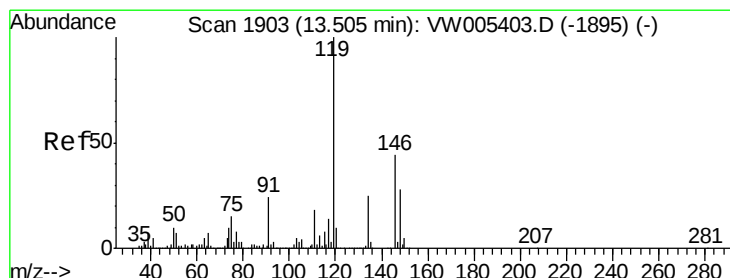
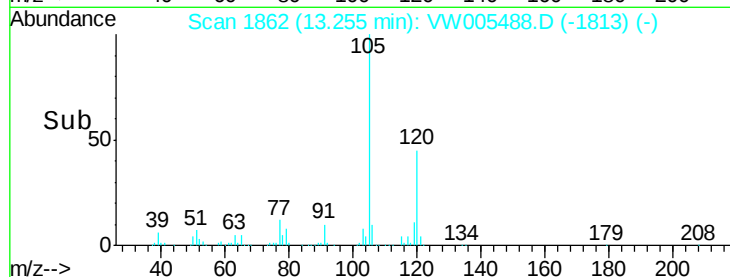
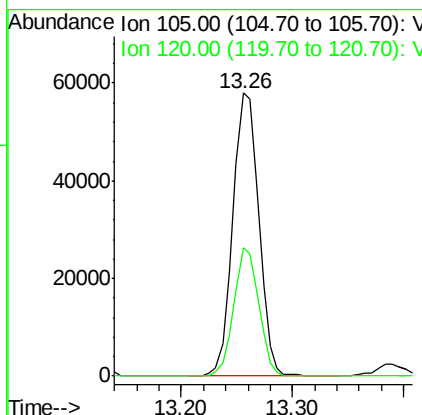
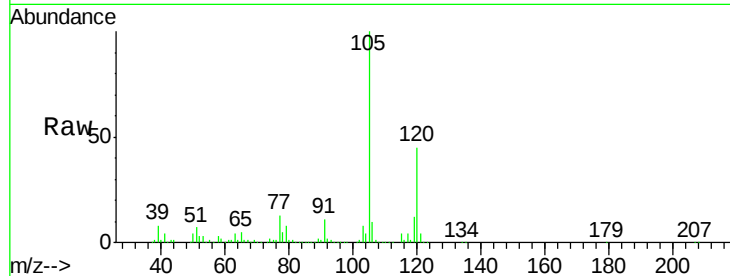




#84
 1,2,4-Trimethylbenzene
 Concen: 10.08 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW005488.D
 Acq: 18 Sep 2018 19:12

Instrument :
 MSVOA_W
 ClientSampleId :
 RB12983RTRE

Tot Ion:105 Resp: 93951
 Ion Ratio Lower Upper
 105 100
 120 43.4 21.8 65.3



#86
 p-Isopropyltoluene
 Concen: 2.43 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005488.D
 Acq: 18 Sep 2018 19:12

Tgt Ion:119 Resp: 23927
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.6 37.8
 91 44.4 12.0 36.0#

