

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051520\
 Data File : VW015441.D
 Acq On : 15 May 2020 18:25
 Operator : SY/VA
 Sample : L2679-08
 Misc : 5.94G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-7-11.5-12.0

Quant Time: May 16 09:03:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050620S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 18:41:17 2020
 Response via : Initial Calibration

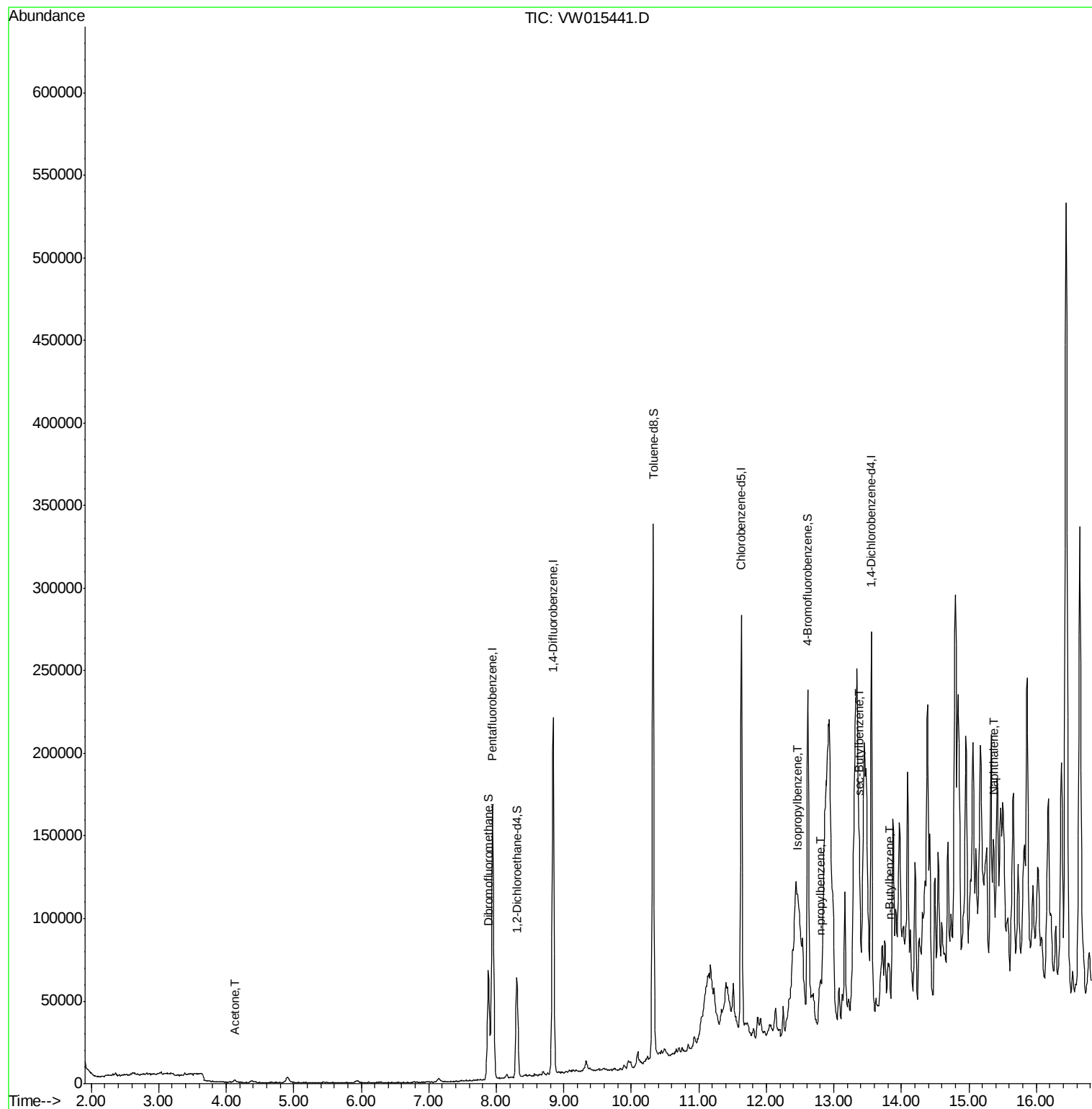
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	124319	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	177413	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	140199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	61489	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	48949	35.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.64%	
35) Dibromofluoromethane	7.88	113	46786	45.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.90%	
50) Toluene-d8	10.32	98	209975	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
62) 4-Bromofluorobenzene	12.62	95	67660	43.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.96%	
Target Compounds						
16) Acetone	4.13	43	3075	14.484	ug/l #	85
73) Isopropylbenzene	12.47	105	8321	1.813	ug/l	90
78) n-propylbenzene	12.80	91	15315	2.781	ug/l	99
85) sec-Butylbenzene	13.38	105	13900m	2.990	ug/l	
89) n-Butylbenzene	13.82	91	17134	4.128	ug/l #	83
95) Naphthalene	15.36	128	65329	32.342	ug/l	98

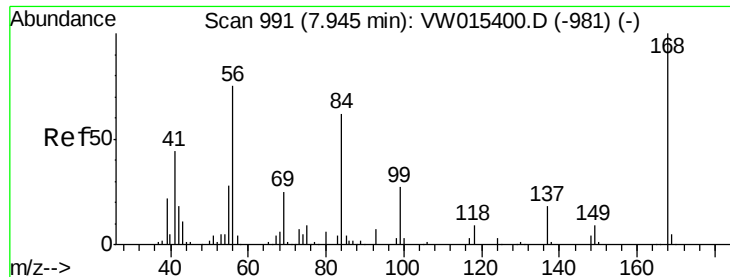
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW051520\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW015441.D

Acq: 15 May 2020 18:25

Instrument :

MSVOA_W

ClientSampleId :

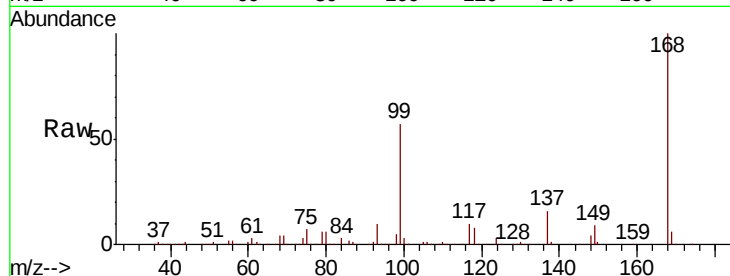
SB-7-11.5-12.0

Tot Ion:168 Resp: 124319

Ion Ratio Lower Upper

168 100

99 56.6 50.3 75.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

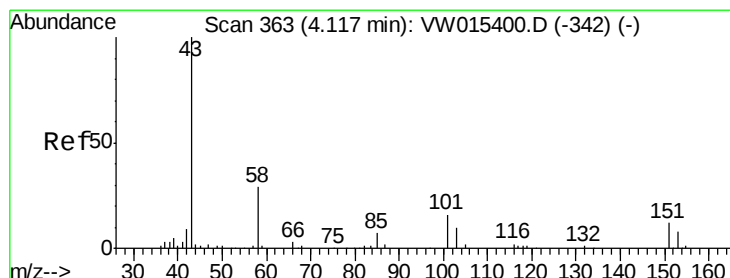
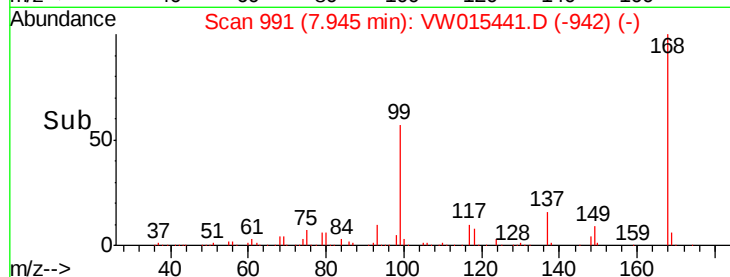
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 14.484 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW015441.D

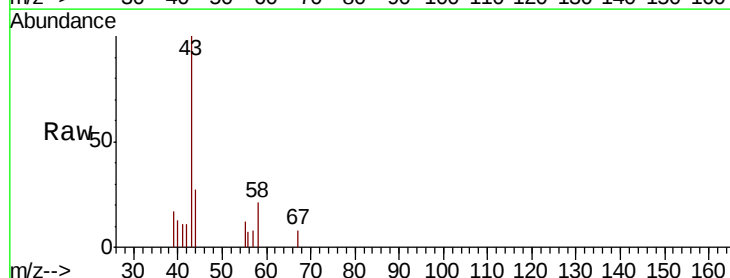
Acq: 15 May 2020 18:25

Tgt Ion: 43 Resp: 3075

Ion Ratio Lower Upper

43 100

58 21.4 23.4 35.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

1200

1000

800

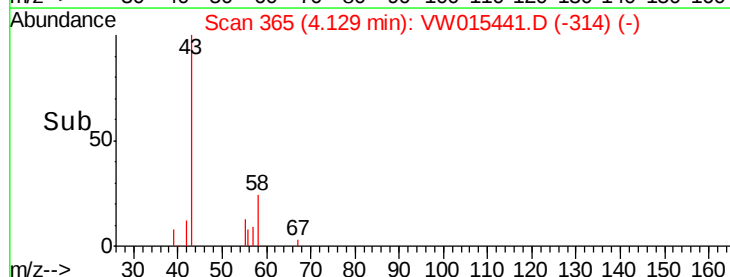
600

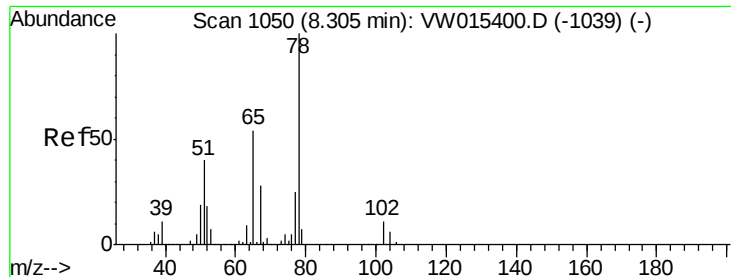
400

200

0

Time--> 4.05 4.10 4.15 4.20

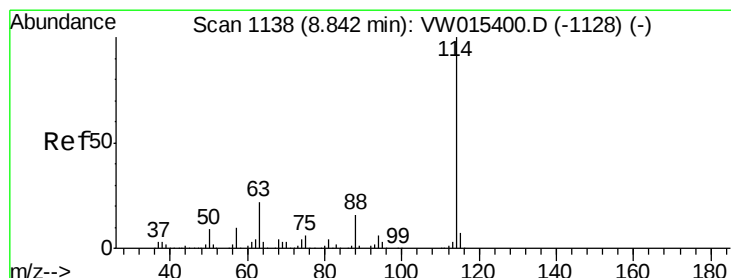
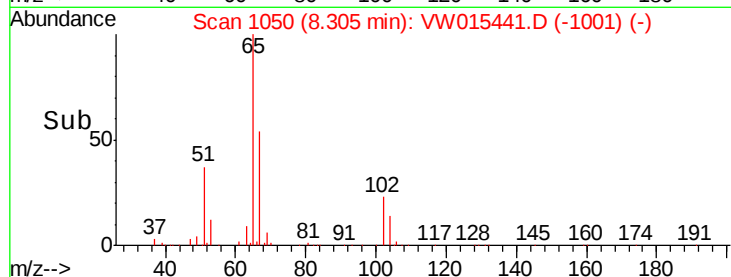
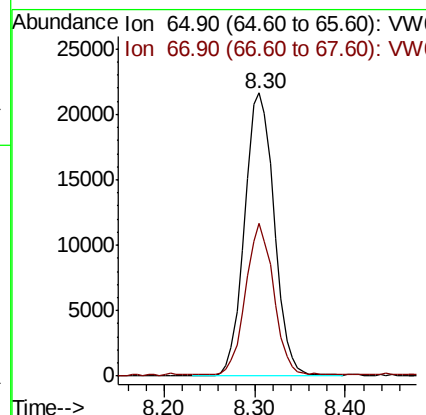
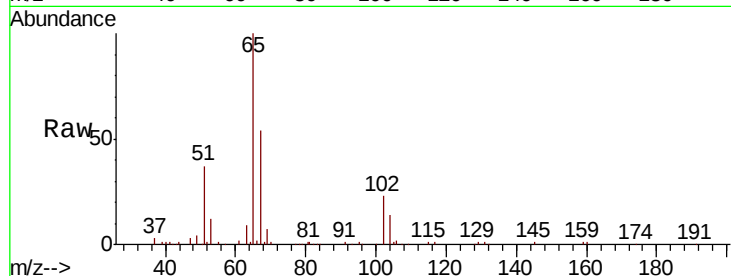




#33
 1,2-Dichloroethane-d4
 Concen: 35.818 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW015441.D
 Acq: 15 May 2020 18:25

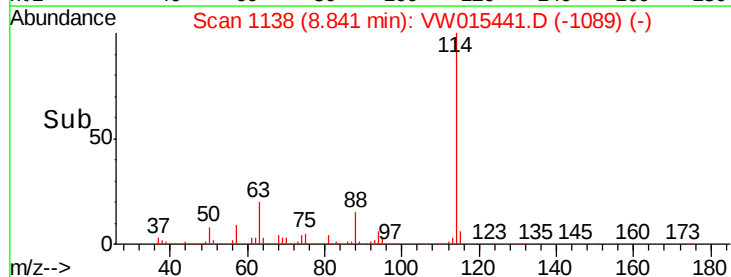
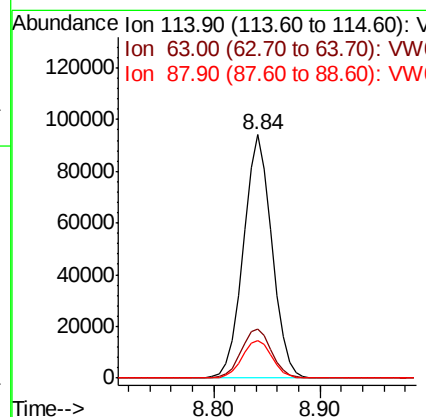
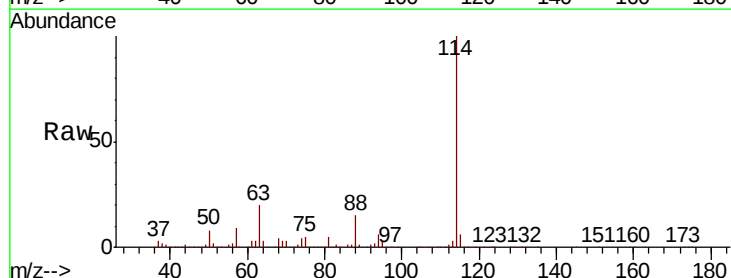
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-7-11.5-12.0

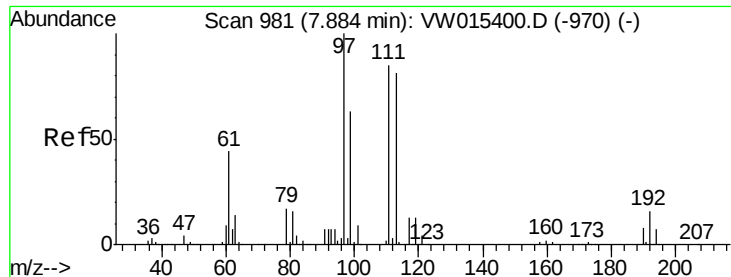
Tot Ion: 65 Resp: 48949
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW015441.D
 Acq: 15 May 2020 18:25

Tgt Ion: 114 Resp: 177413
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 43.4
 88 15.3 0.0 31.8

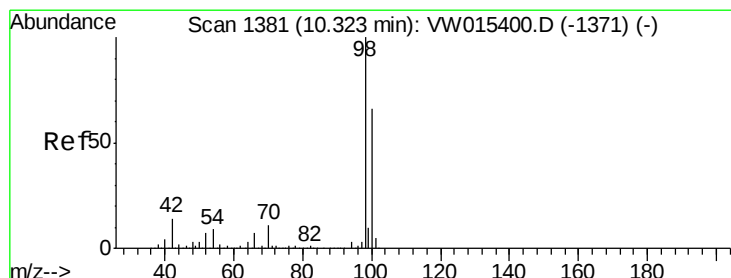
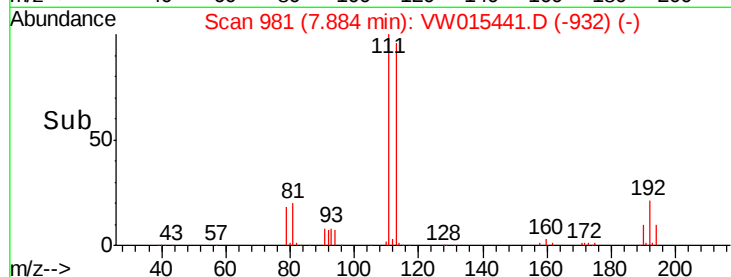
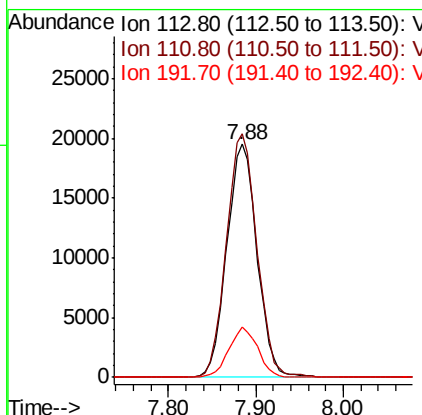
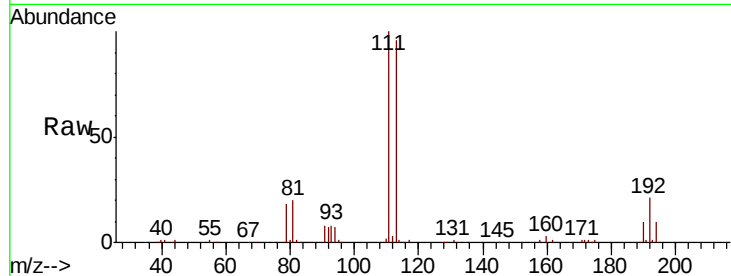




#35
 Dibromofluoromethane
 Concen: 45.946 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW015441.D
 Acq: 15 May 2020 18:25

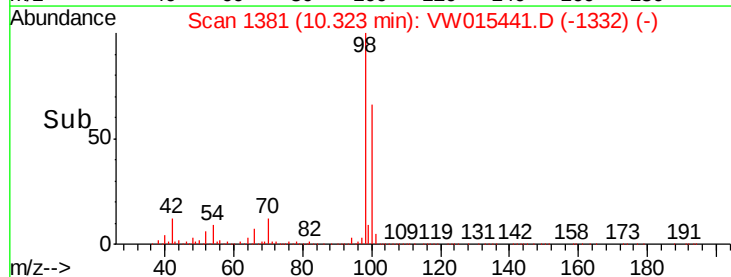
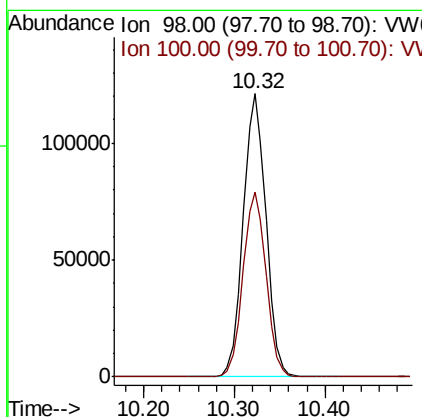
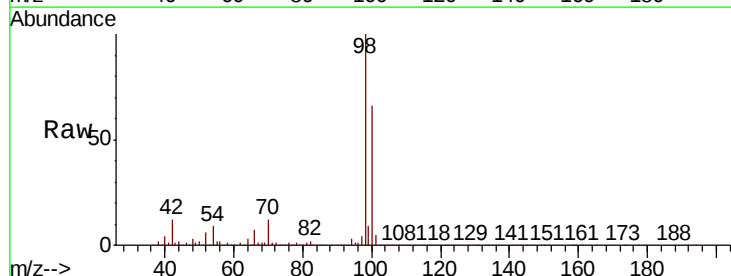
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-7-11.5-12.0

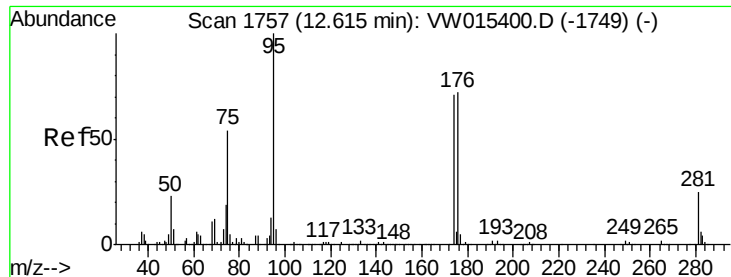
Tot Ion	Ratio	Lower	Upper
113	100		
111	105.3	82.9	124.3
192	20.4	15.4	23.0



#50
 Toluene-d8
 Concen: 49.828 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW015441.D
 Acq: 15 May 2020 18:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.7	79.1

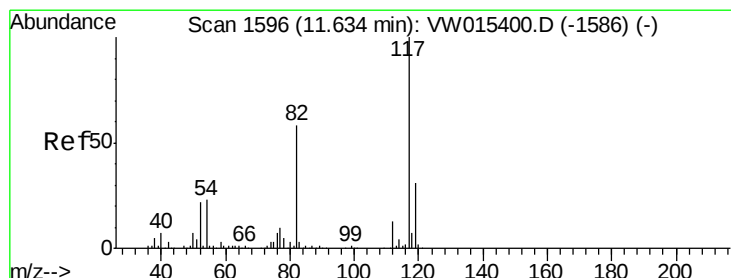
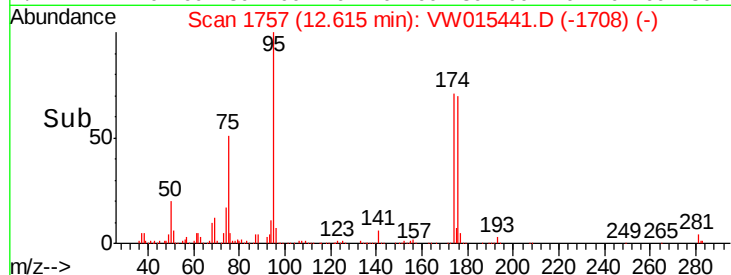
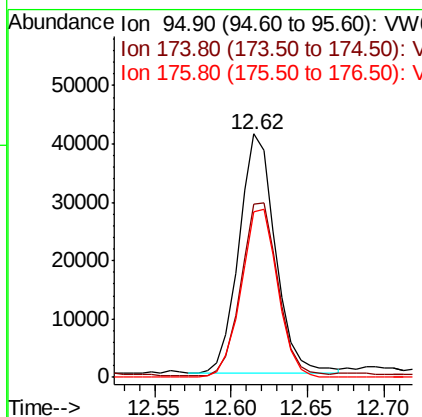
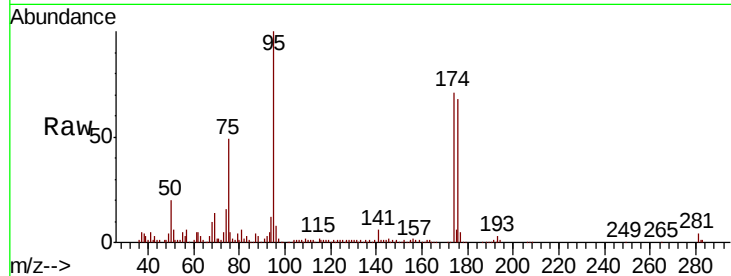




#62
4-Bromofluorobenzene
Concen: 43.482 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW015441.D
Acq: 15 May 2020 18:25

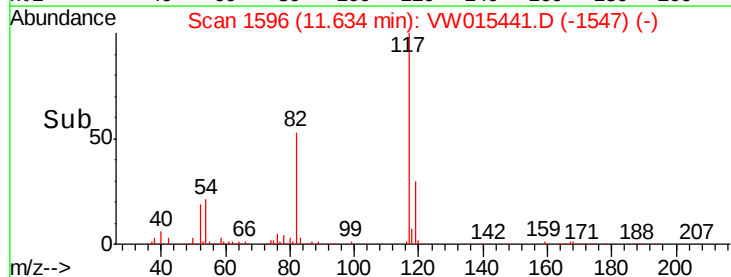
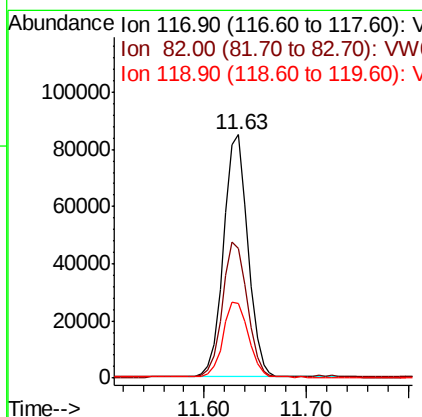
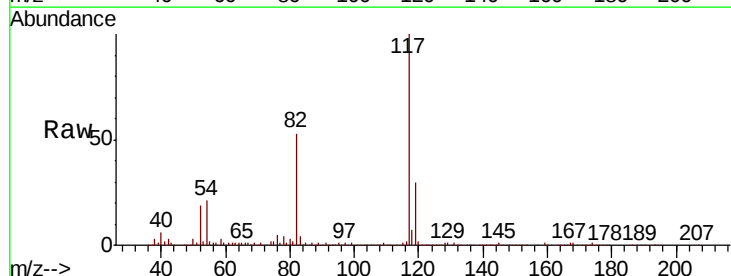
Instrument :
MSVOA_W
ClientSampleId :
SB-7-11.5-12.0

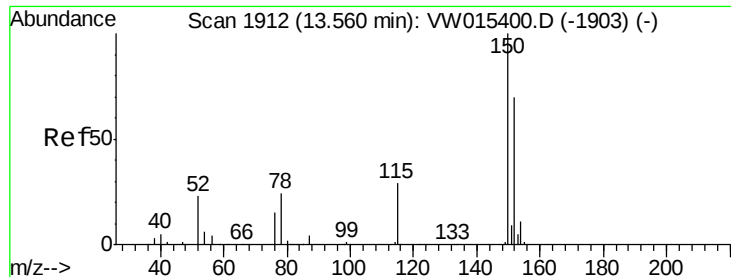
Tot Ion: 95 Resp: 67660
Ion Ratio Lower Upper
95 100
174 73.0 0.0 147.6
176 70.5 0.0 144.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW015441.D
Acq: 15 May 2020 18:25

Tgt Ion: 117 Resp: 140199
Ion Ratio Lower Upper
117 100
82 53.0 46.4 69.6
119 30.3 24.6 37.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW015441.D

Acq: 15 May 2020 18:25

Instrument :

MSVOA_W

ClientSampleId :

SB-7-11.5-12.0

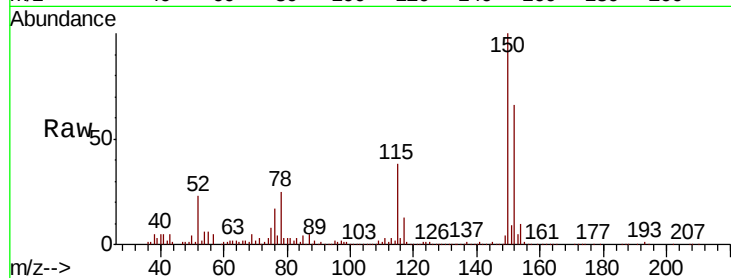
Tot Ion:152 Resp: 61489

Ion Ratio Lower Upper

152 100

115 58.4 30.3 90.8

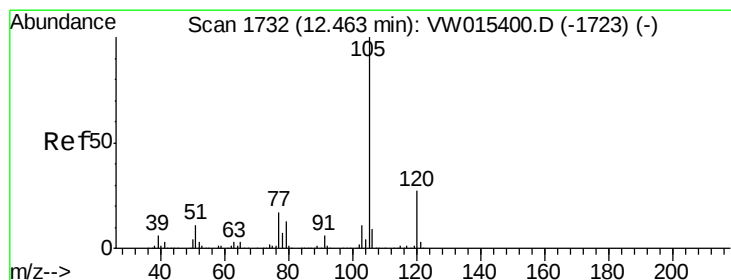
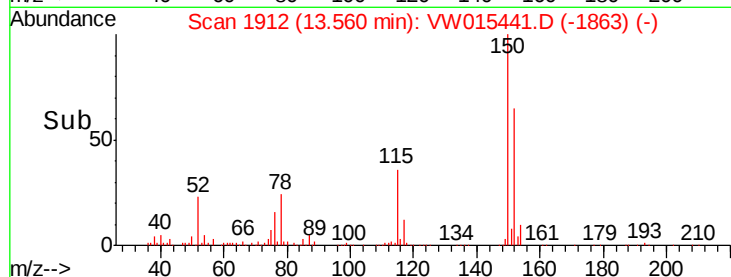
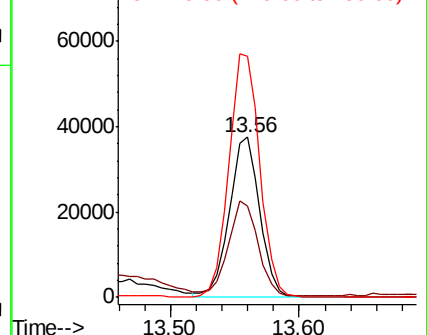
150 154.9 0.0 344.4



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



#73

Isopropylbenzene

Concen: 1.813 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW015441.D

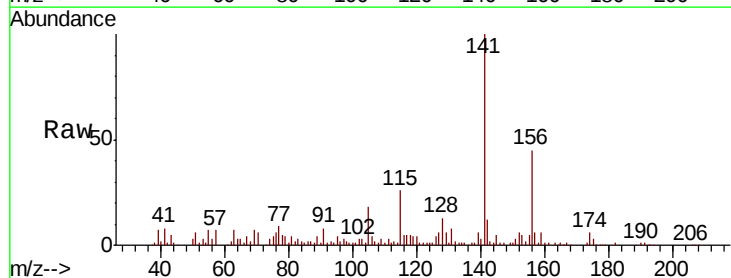
Acq: 15 May 2020 18:25

Tgt Ion:105 Resp: 8321

Ion Ratio Lower Upper

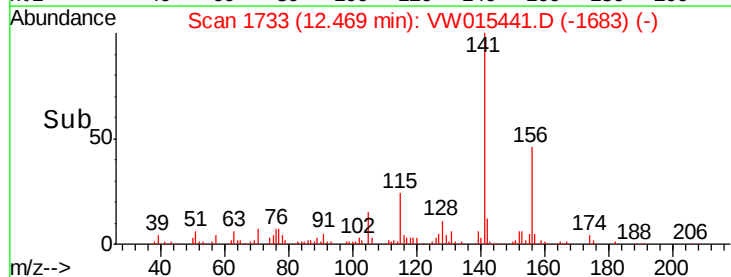
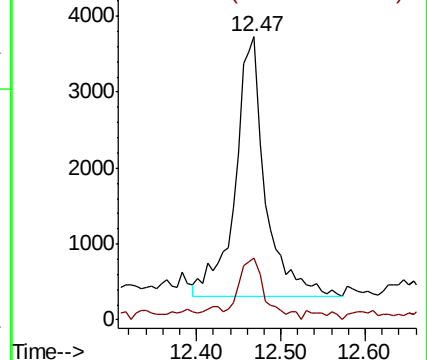
105 100

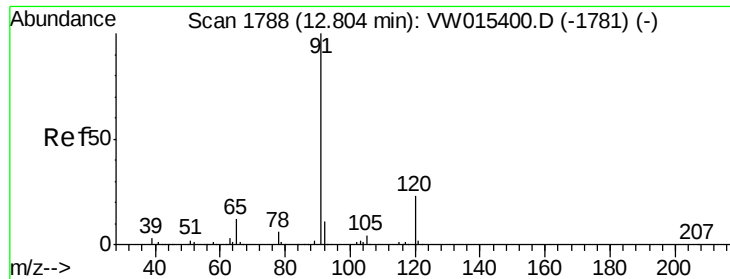
120 20.8 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 2.781 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW015441.D

Acq: 15 May 2020 18:25

Instrument :

MSVOA_W

ClientSampled :

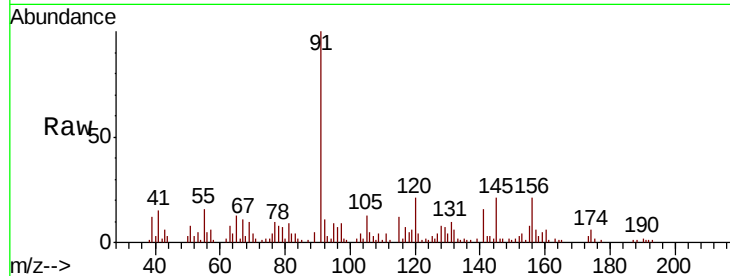
SB-7-11.5-12.0

Tot Ion: 91 Resp: 15315

Ion Ratio Lower Upper

91 100

120 21.7 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

12.80

10000

8000

6000

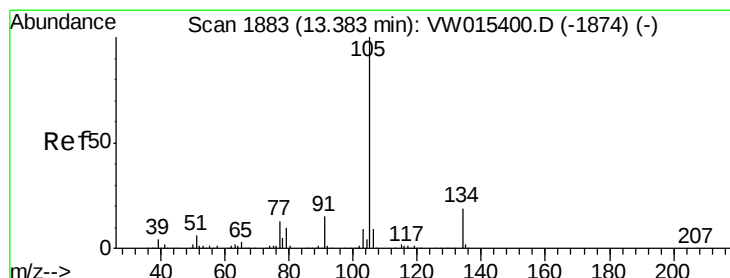
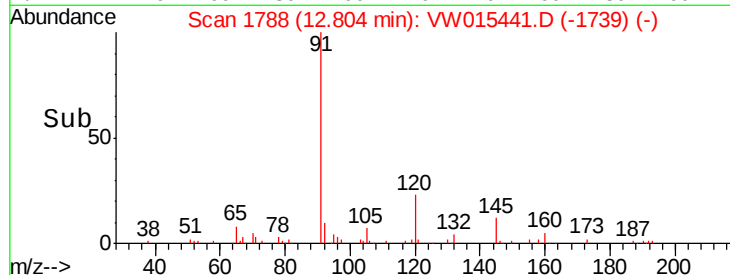
4000

2000

0

Time-->

12.75 12.80 12.85



#85

sec-Butylbenzene

Concen: 2.990 ug/l m

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW015441.D

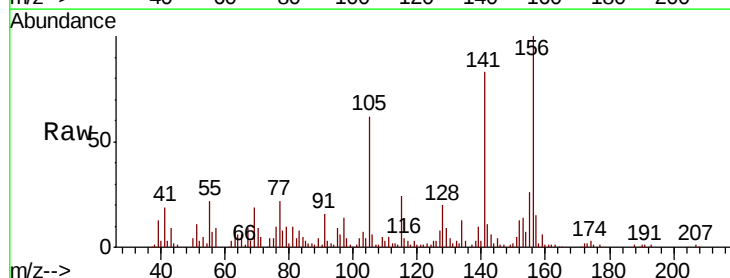
Acq: 15 May 2020 18:25

Tgt Ion:105 Resp: 13900

Ion Ratio Lower Upper

105 100

134 0.9 9.8 29.5#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.38

10000

8000

6000

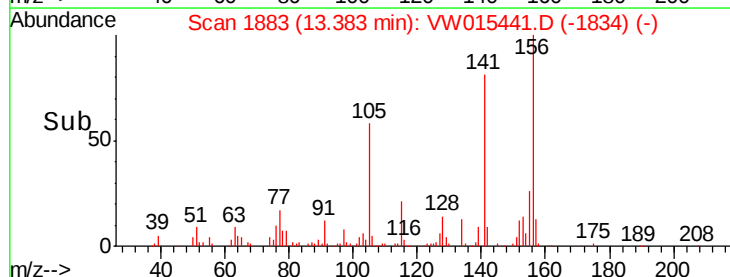
4000

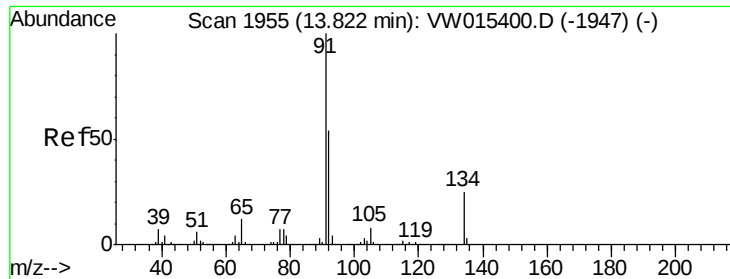
2000

0

Time-->

13.30 13.35 13.40





#89

n-Butylbenzene

Concen: 4.128 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW015441.D

Acq: 15 May 2020 18:25

Instrument :

MSVOA_W

ClientSampleId :

SB-7-11.5-12.0

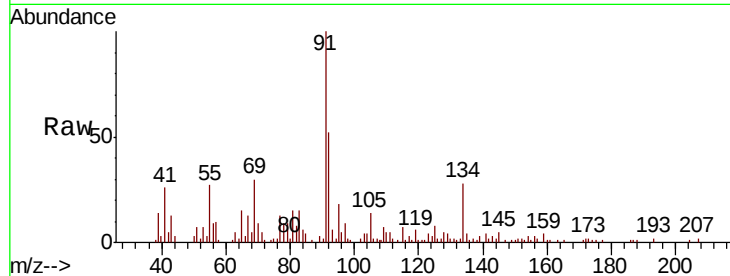
Tot Ion: 91 Resp: 17134

Ion Ratio Lower Upper

91 100

92 49.4 27.2 81.6

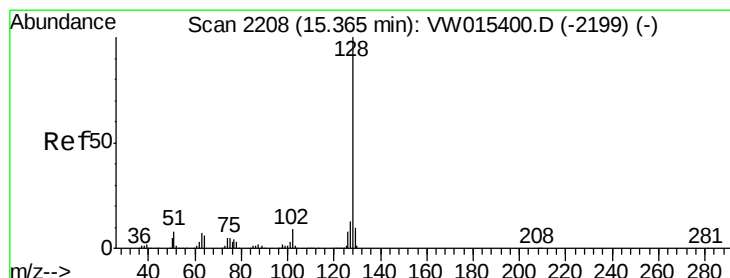
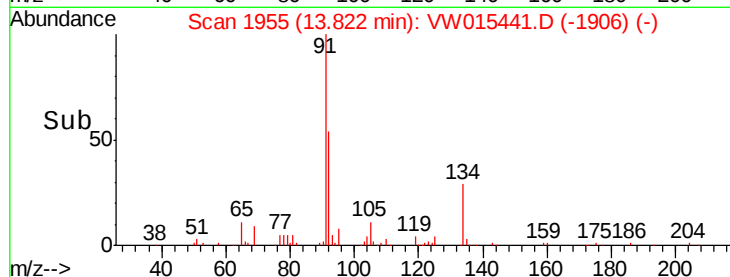
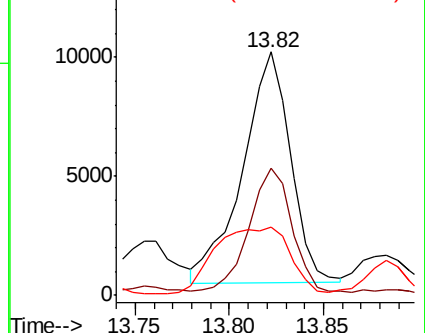
134 44.6 12.6 37.6#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#95

Naphthalene

Concen: 32.342 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VW015441.D

Acq: 15 May 2020 18:25

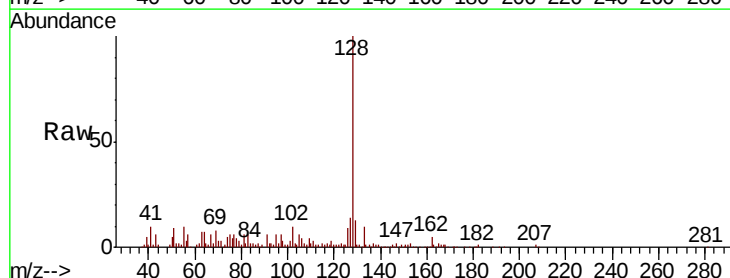
Tgt Ion:128 Resp: 65329

Ion Ratio Lower Upper

128 100

127 13.8 10.5 15.7

129 9.4 8.6 12.8



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

