

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121618\
 Data File : VW007502.D
 Acq On : 13 Dec 2018 23:23
 Operator : SY/AP
 Sample : J6199-07RE
 Misc : 6.54G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-04-121218-BRE

Quant Time: Dec 14 04:48:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

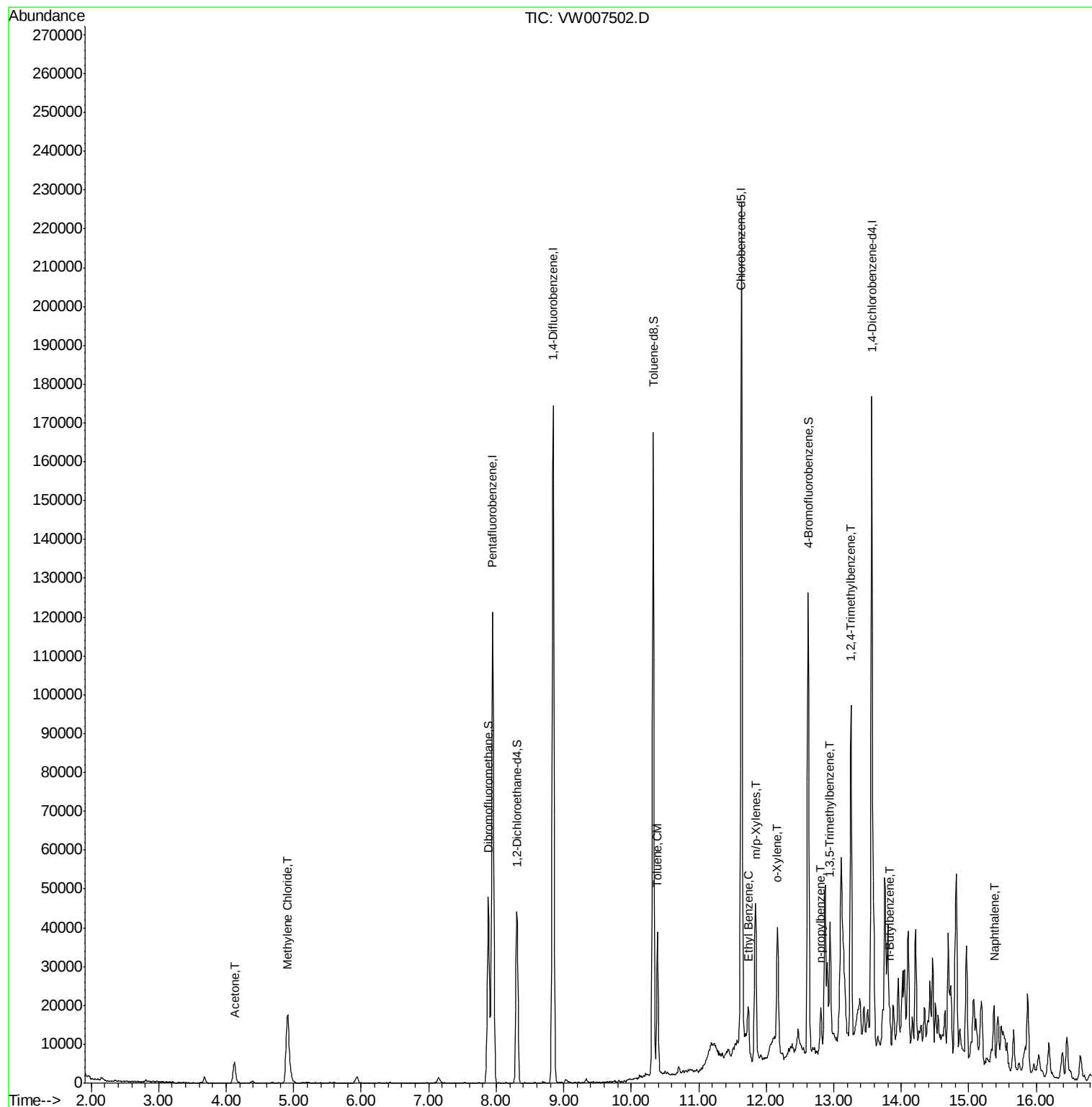
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	88628	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	151485	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	123547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	43749	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	36513	37.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.26%	
35) Dibromofluoromethane	7.88	113	34455	37.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.14%	
50) Toluene-d8	10.32	98	112903	32.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.68%	
62) 4-Bromofluorobenzene	12.62	95	39164	30.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.96%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	9482	55.210	ug/l	98
20) Methylene Chloride	4.90	84	15852	14.062	ug/l	92
52) Toluene	10.38	92	15838	6.382	ug/l	99
67) Ethyl Benzene	11.73	91	7943	1.794	ug/l	96
68) m/p-Xylenes	11.84	106	12590	7.315	ug/l	99
69) o-Xylene	12.16	106	8345	5.191	ug/l	98
78) n-propylbenzene	12.80	91	8284	2.196	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	13484	4.787	ug/l	95
84) 1,2,4-Trimethylbenzene	13.26	105	46302	15.974	ug/l	99
89) n-Butylbenzene	13.83	91	4145	1.469	ug/l #	67
95) Naphthalene	15.38	128	12552	7.185	ug/l	98

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007502.D

Acq: 13 Dec 2018 23:23

Instrument :

MSVOA_W

ClientSampleId :

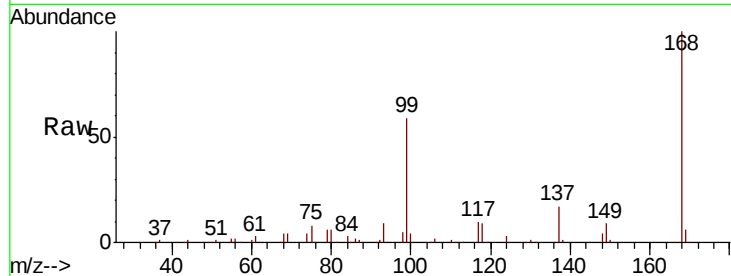
SU-04-121218-BRE

Tot Ion:168 Resp: 88628

Ion Ratio Lower Upper

168 100

99 58.5 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

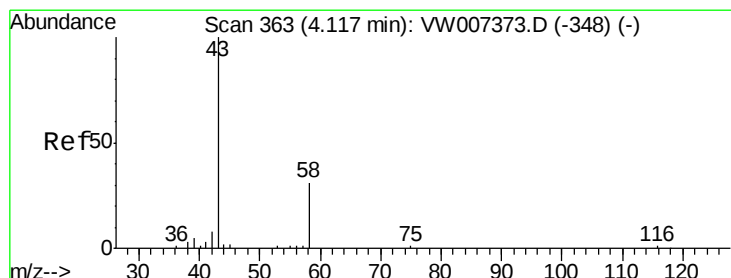
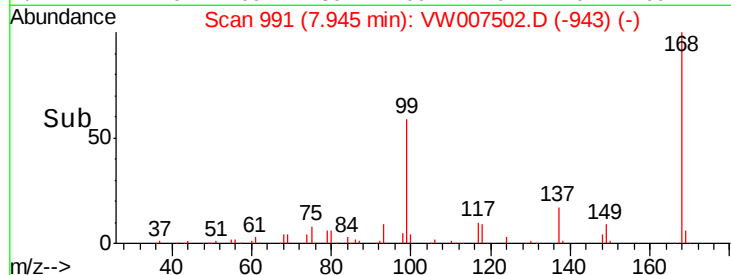
20000

10000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 55.210 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007502.D

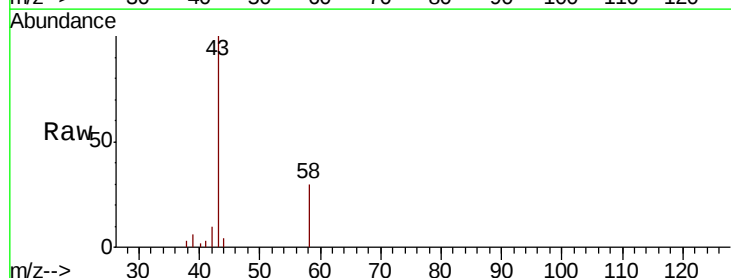
Acq: 13 Dec 2018 23:23

Tgt Ion: 43 Resp: 9482

Ion Ratio Lower Upper

43 100

58 30.1 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

4000

3000

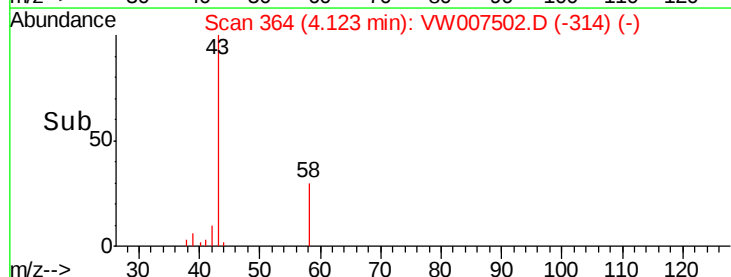
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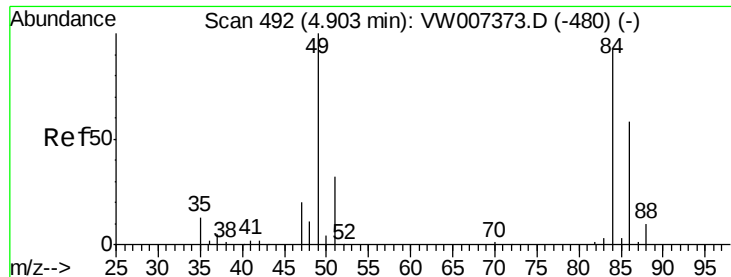
1000

0

4.00 4.10 4.20

Time-->

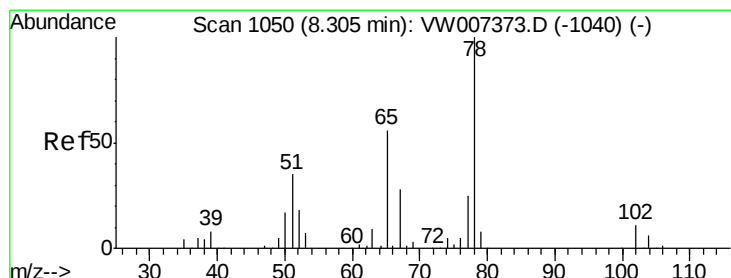
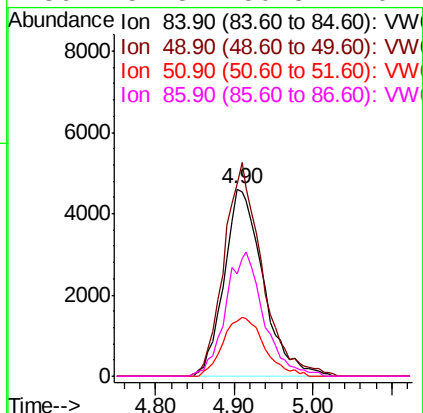
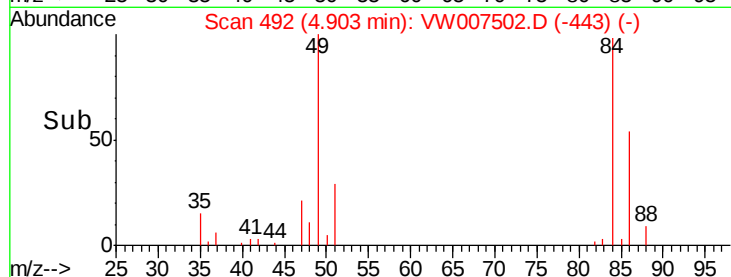
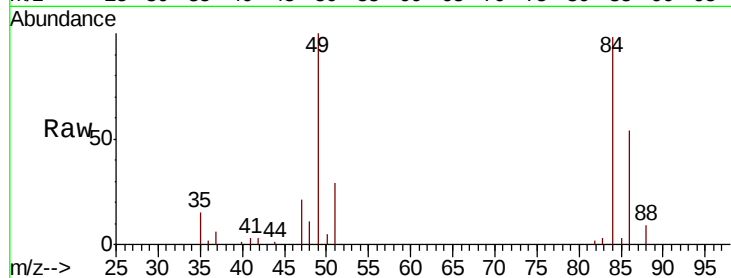




#20
Methylene Chloride
Concen: 14.062 ug/l
RT: 4.90 min Scan# 492
Delta R.T. 0.00 min
Lab File: VW007502.D
Acq: 13 Dec 2018 23:23

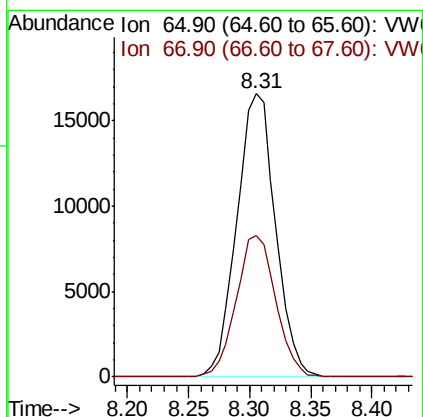
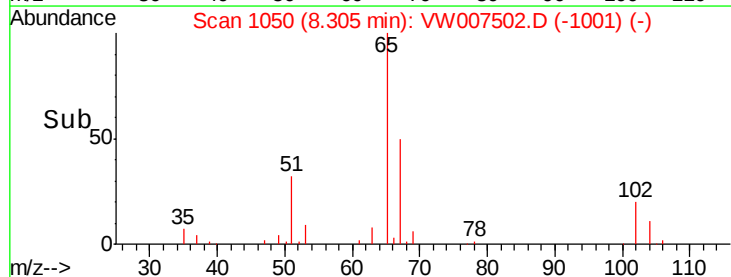
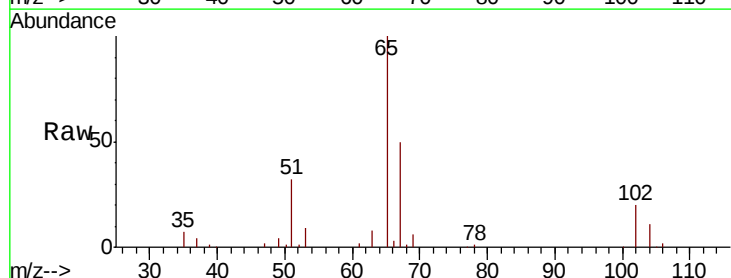
Instrument :
MSVOA_W
ClientSampleId :
SU-04-121218-BRE

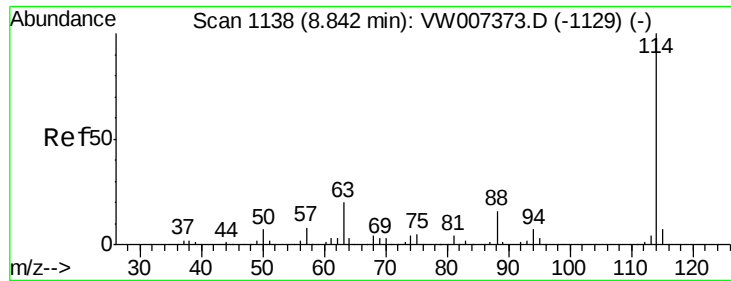
Tot Ion: 84 Resp: 15852
Ion Ratio Lower Upper
84 100
49 102.3 87.1 130.7
51 29.5 28.2 42.2
86 54.8 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 37.135 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW007502.D
Acq: 13 Dec 2018 23:23

Tgt Ion: 65 Resp: 36513
Ion Ratio Lower Upper
65 100
67 50.9 0.0 101.6

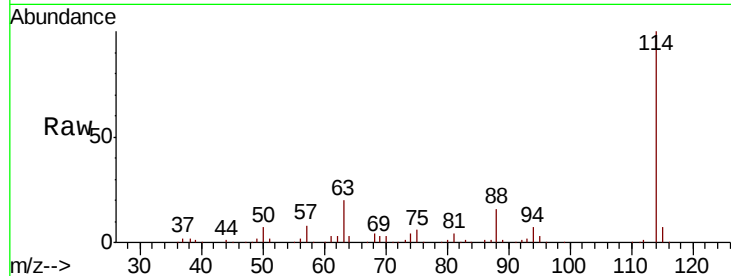




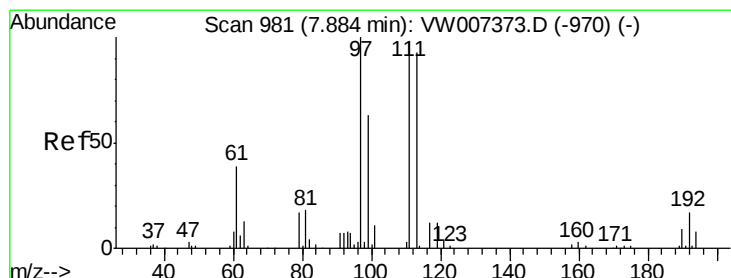
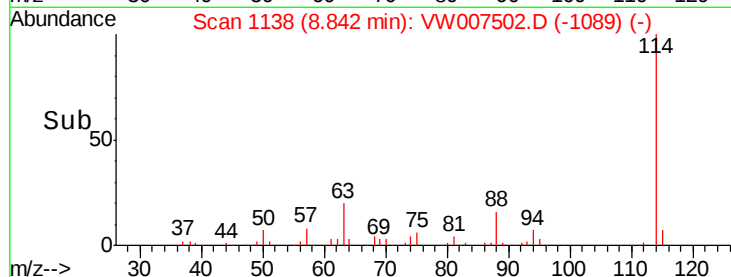
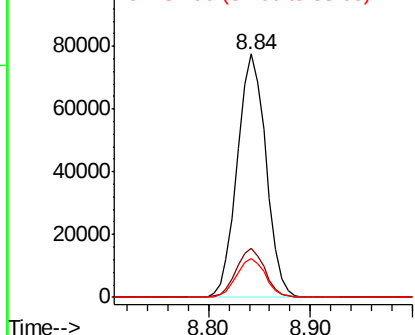
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007502.D
 Acq: 13 Dec 2018 23:23

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-04-121218-BRE

Tot Ion:114 Resp: 151485
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.6
 88 16.0 0.0 31.4

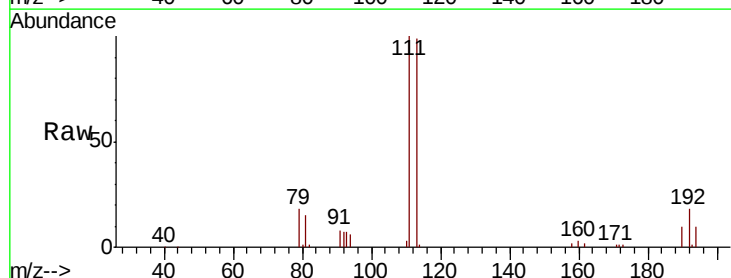


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

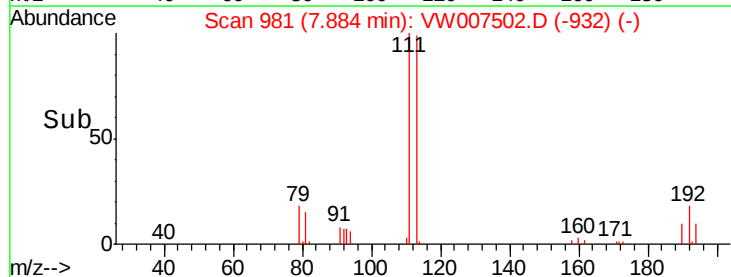
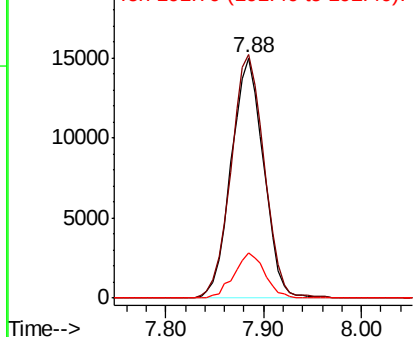


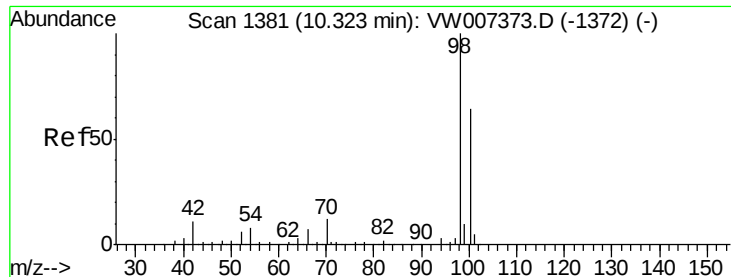
#35
 Dibromofluoromethane
 Concen: 37.574 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007502.D
 Acq: 13 Dec 2018 23:23

Tgt Ion:113 Resp: 34455
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.1 121.7
 192 18.0 14.6 21.8



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: 32.837 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW007502.D

Acq: 13 Dec 2018 23:23

Instrument :

MSVOA_W

ClientSampleId :

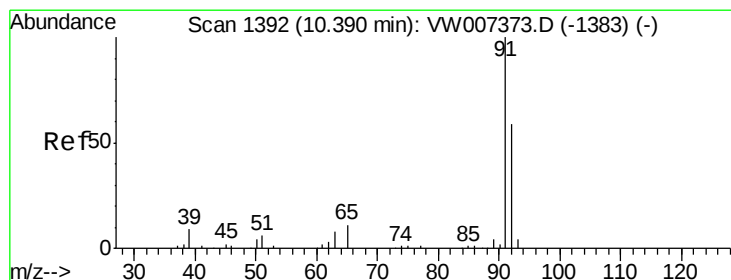
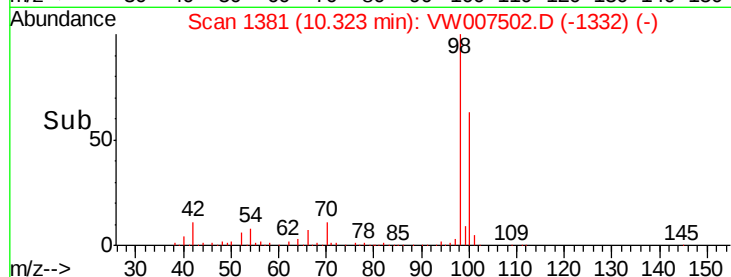
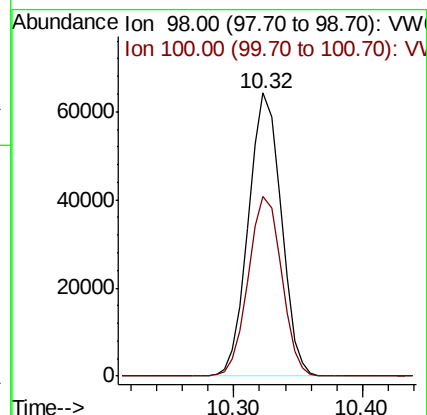
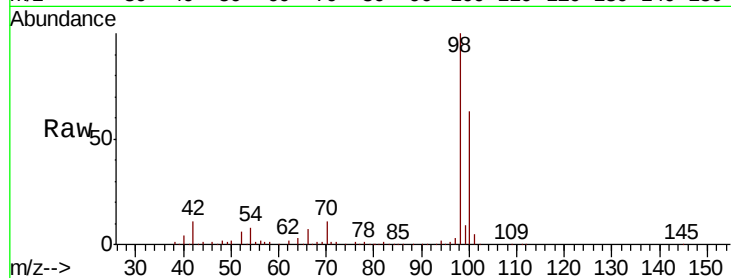
SU-04-121218-BRE

Tot Ion: 98 Resp: 112903

Ion Ratio Lower Upper

98 100

100 64.4 51.8 77.8



#52

Toluene

Concen: 6.382 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW007502.D

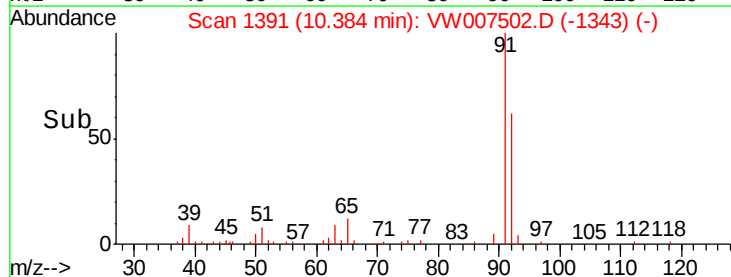
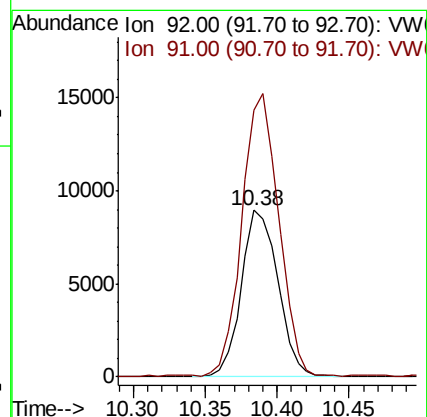
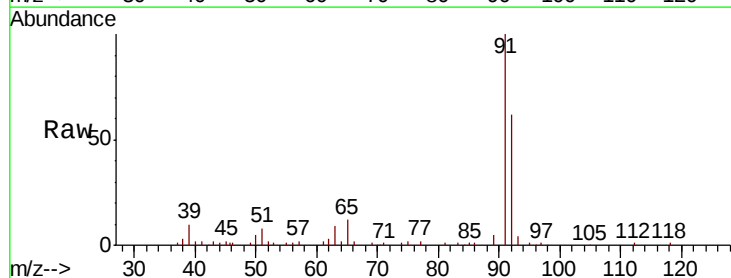
Acq: 13 Dec 2018 23:23

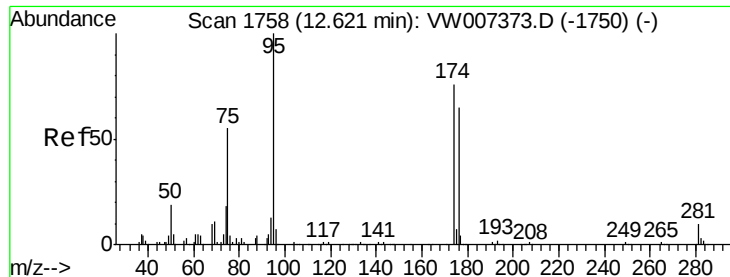
Tgt Ion: 92 Resp: 15838

Ion Ratio Lower Upper

92 100

91 171.1 136.2 204.2





#62

4-Bromofluorobenzene

Concen: 30.980 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007502.D

Acq: 13 Dec 2018 23:23

Instrument :

MSVOA_W

ClientSampleId :

SU-04-121218-BRE

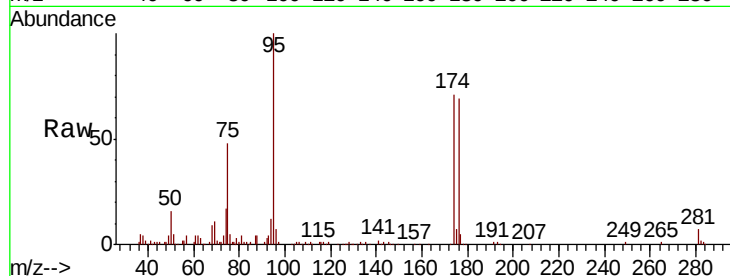
Tot Ion: 95 Resp: 39164

Ion Ratio Lower Upper

95 100

174 74.5 0.0 147.2

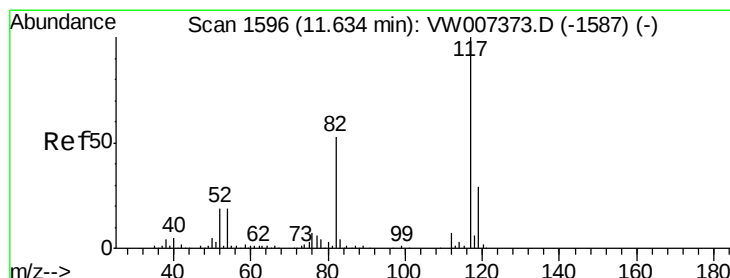
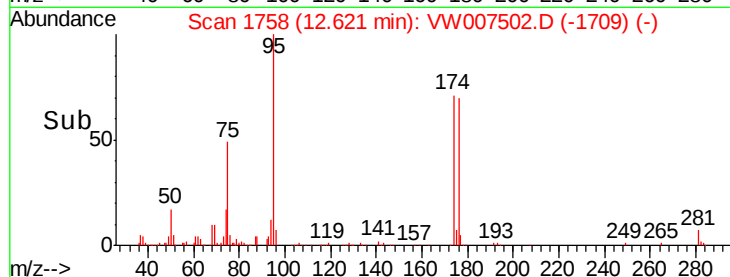
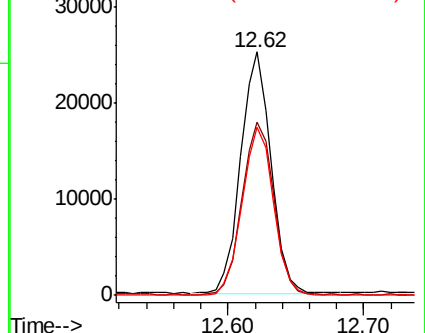
176 72.0 0.0 138.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW007502.D

Acq: 13 Dec 2018 23:23

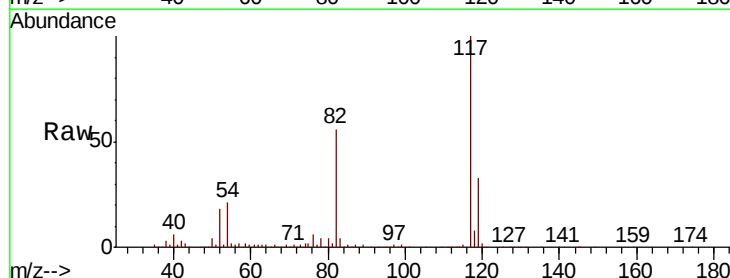
Tgt Ion: 117 Resp: 123547

Ion Ratio Lower Upper

117 100

82 55.7 42.3 63.5

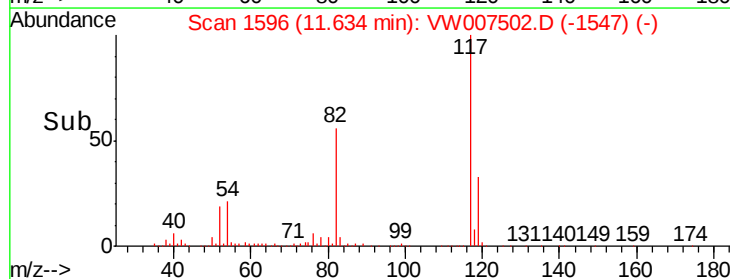
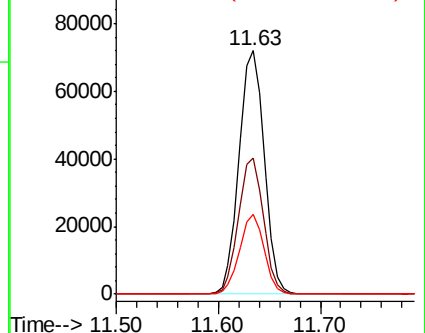
119 32.9 23.0 34.6

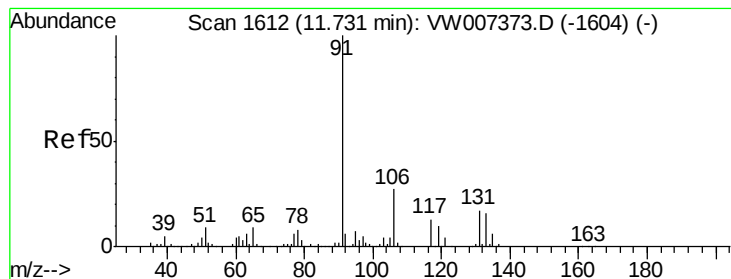


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#67

Ethyl Benzene

Concen: 1.794 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW007502.D

Acq: 13 Dec 2018 23:23

Instrument :

MSVOA_W

ClientSampleId :

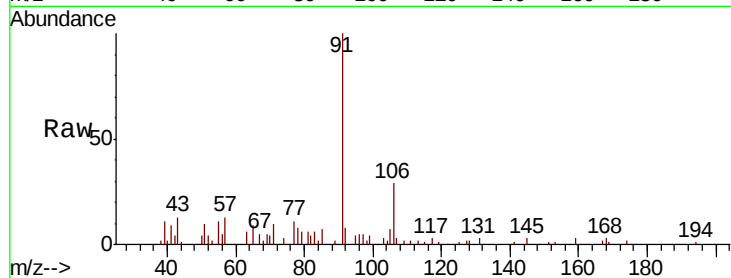
SU-04-121218-BRE

Tot Ion: 91 Resp: 7943

Ion Ratio Lower Upper

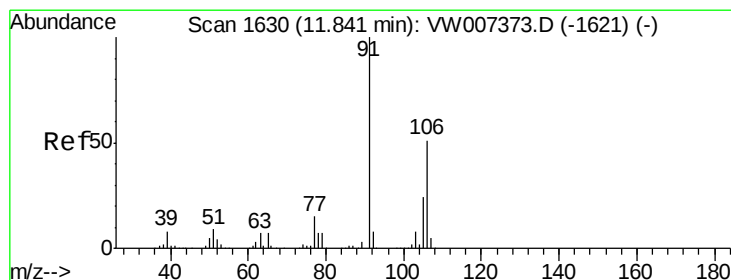
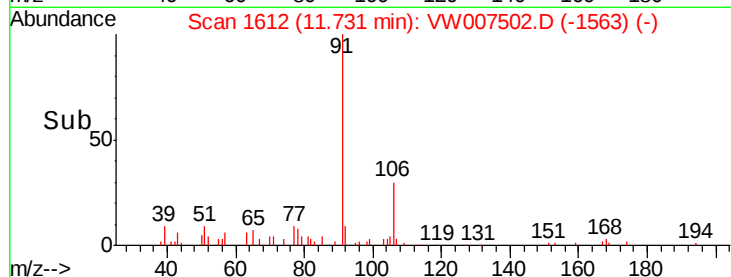
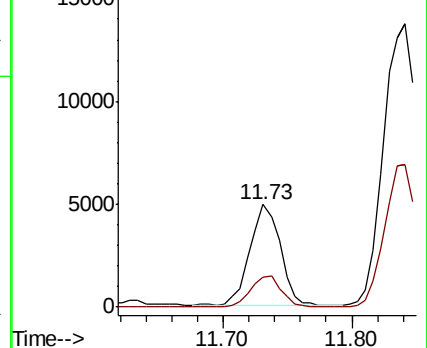
91 100

106 29.4 21.8 32.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 7.315 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW007502.D

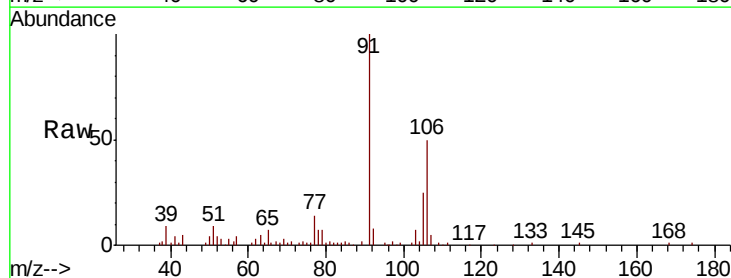
Acq: 13 Dec 2018 23:23

Tgt Ion: 106 Resp: 12590

Ion Ratio Lower Upper

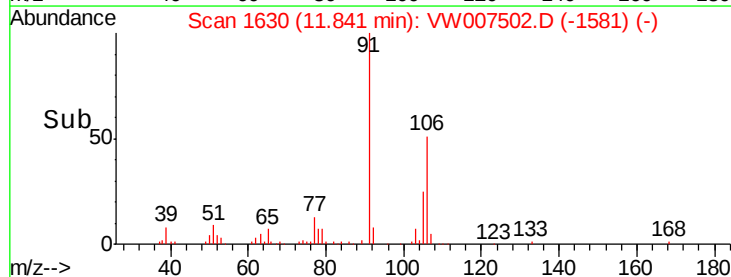
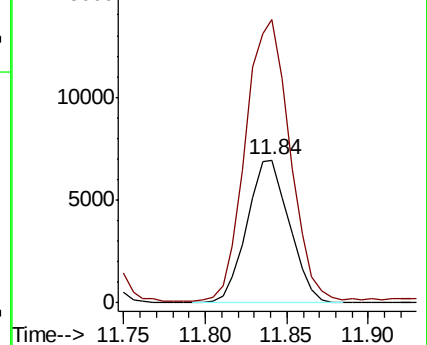
106 100

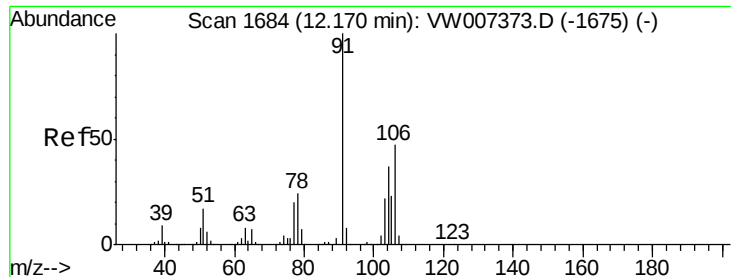
91 205.5 165.3 247.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

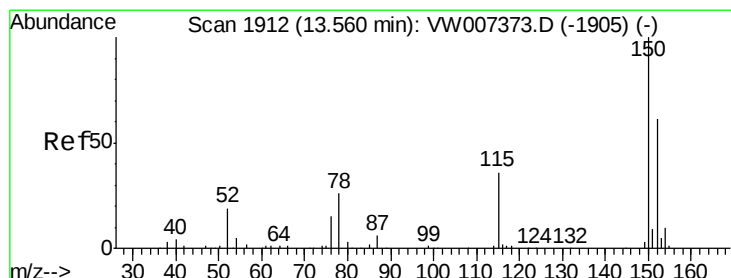
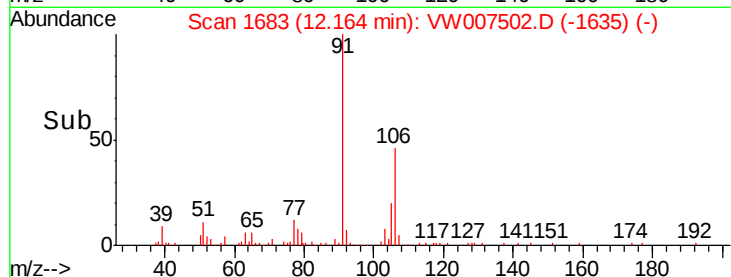
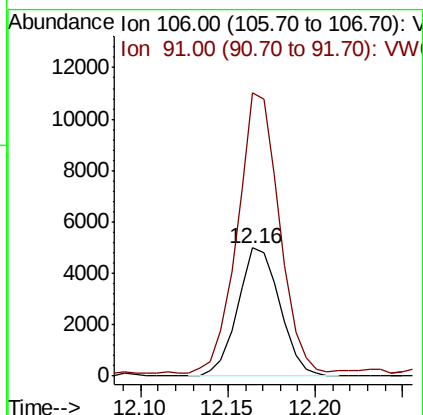
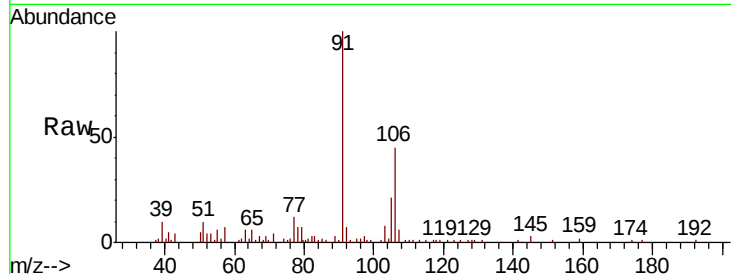




#69
o-Xylene
Concen: 5.191 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW007502.D
Acq: 13 Dec 2018 23:23

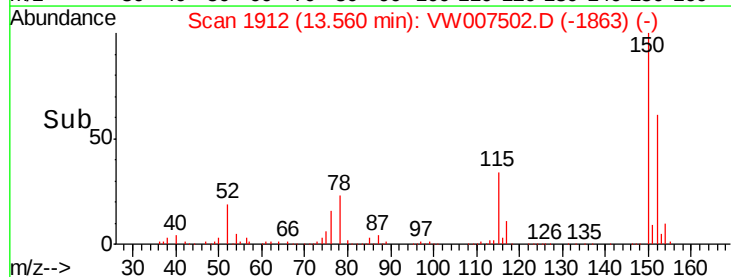
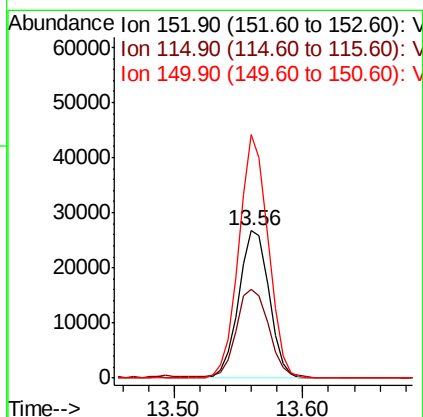
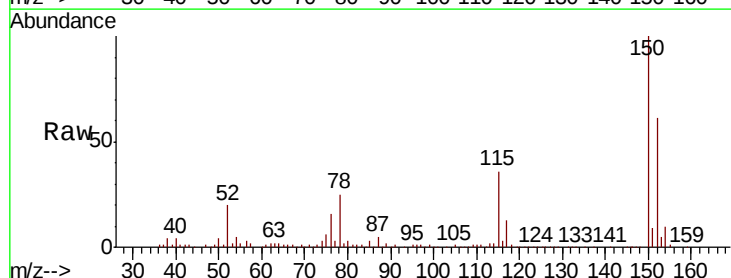
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SU-04-121218-BRE

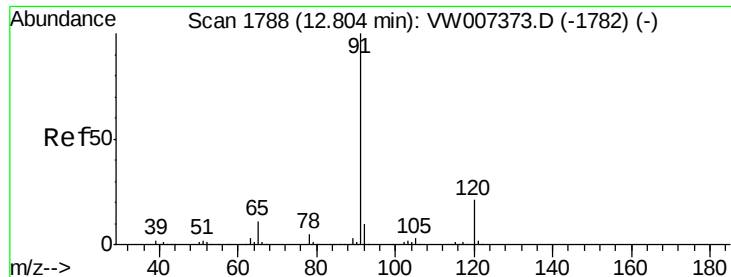
Tot Ion:106 Resp: 8345
Ion Ratio Lower Upper
106 100
91 216.3 106.6 319.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007502.D
Acq: 13 Dec 2018 23:23

Tgt Ion:152 Resp: 43749
Ion Ratio Lower Upper
152 100
115 64.0 31.4 94.2
150 158.5 0.0 358.4

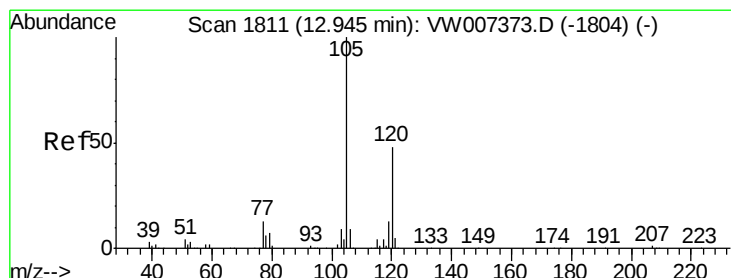
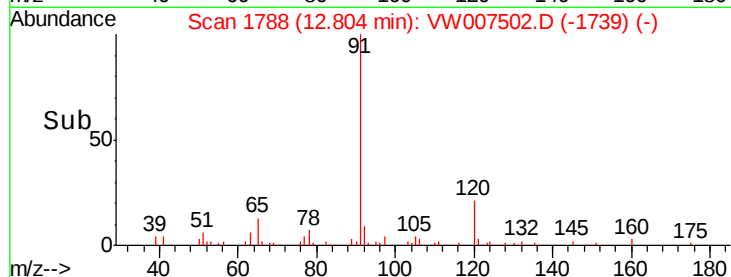
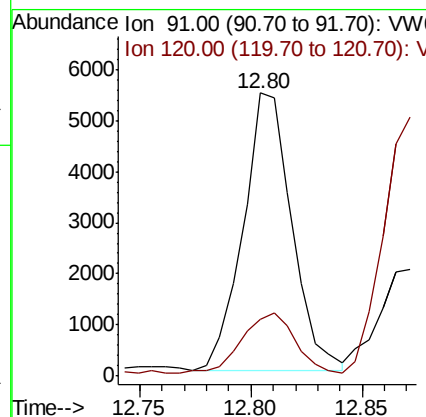
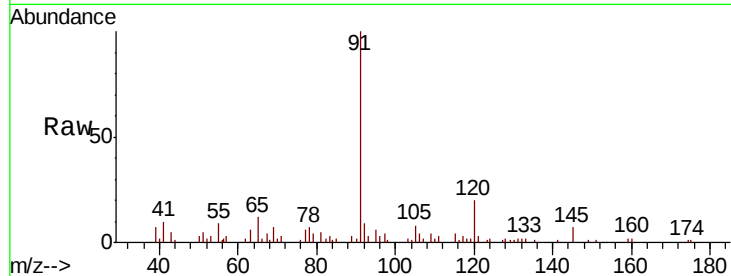




#78
n-propylbenzene
Concen: 2.196 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW007502.D
Acq: 13 Dec 2018 23:23

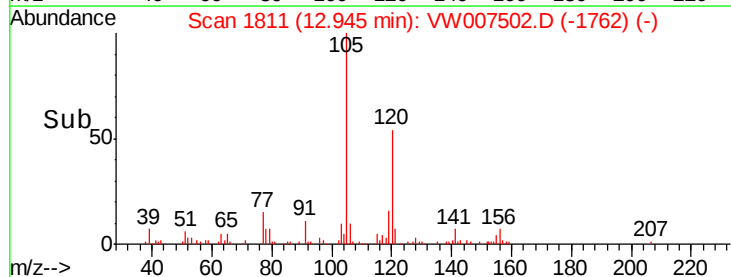
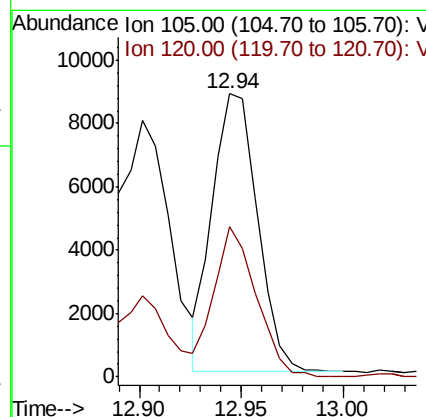
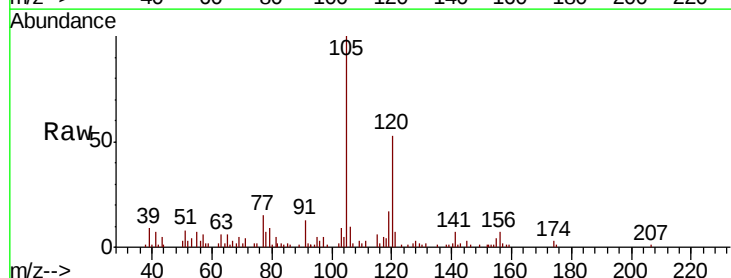
Instrument :
MSVOA_W
ClientSampleId :
SU-04-121218-BRE

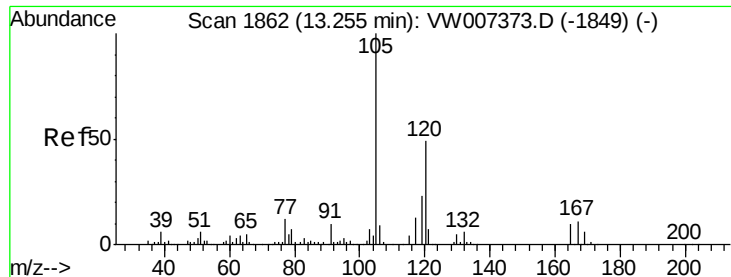
Tot Ion: 91 Resp: 8284
Ion Ratio Lower Upper
91 100
120 23.8 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 4.787 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW007502.D
Acq: 13 Dec 2018 23:23

Tgt Ion:105 Resp: 13484
Ion Ratio Lower Upper
105 100
120 50.7 23.8 71.4

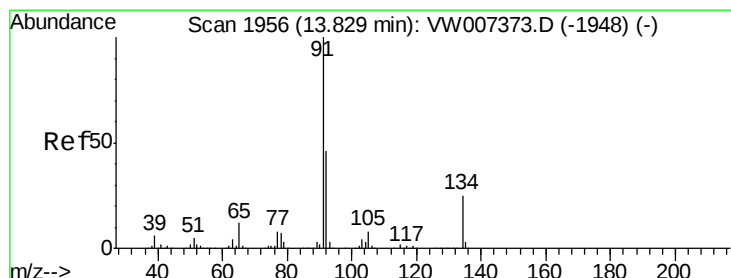
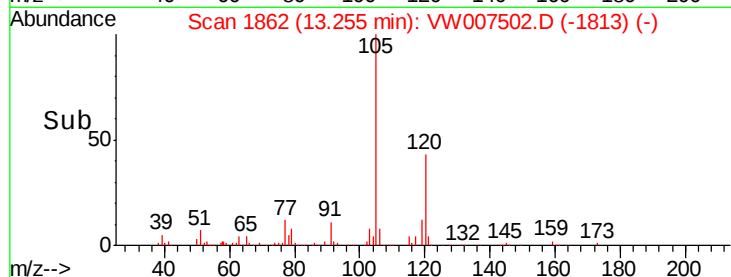
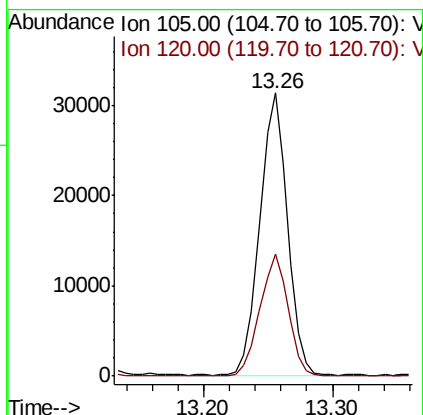
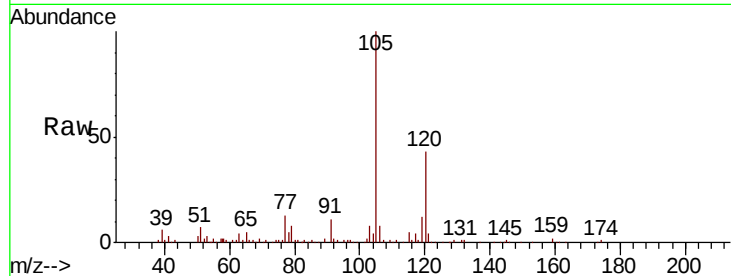




#84
 1,2,4-Trimethylbenzene
 Concen: 15.974 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW007502.D
 Acq: 13 Dec 2018 23:23

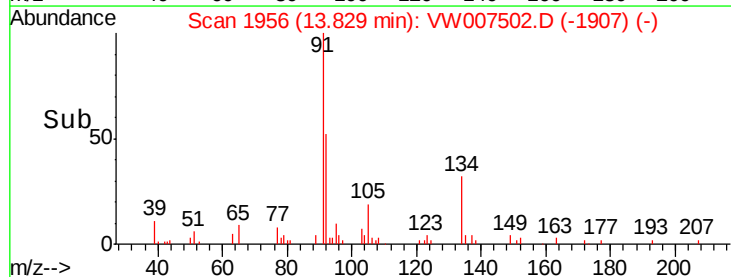
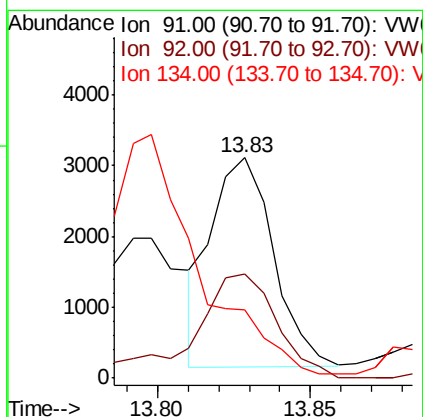
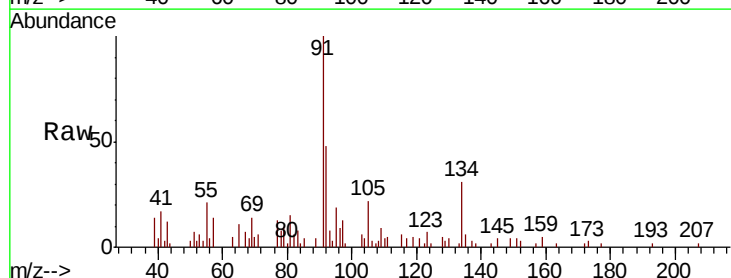
Instrument :
 MSVOA_W
 ClientSampleId :
 SU-04-121218-BRE

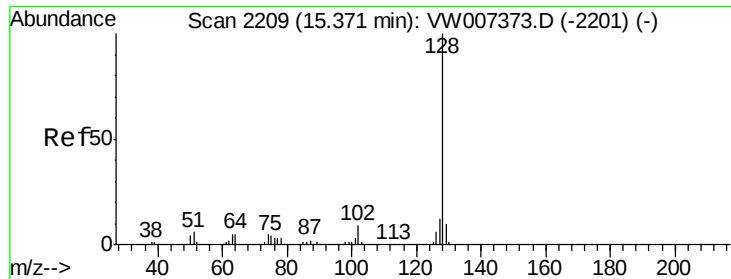
Tot Ion:105 Resp: 46302
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.6 67.7



#89
 n-Butylbenzene
 Concen: 1.469 ug/l
 RT: 13.83 min Scan# 1956
 Delta R.T. 0.00 min
 Lab File: VW007502.D
 Acq: 13 Dec 2018 23:23

Tgt Ion: 91 Resp: 4145
 Ion Ratio Lower Upper
 91 100
 92 67.2 25.7 77.1
 134 0.0 13.4 40.2#





#95
 Naphthalene
 Concen: 7.185 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. 0.01 min
 Lab File: VW007502.D
 Acq: 13 Dec 2018 23:23

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-04-121218-BRE

Tot Ion:128	Resp:	12552
Ion	Ratio	Lower Upper
128	100	
127	13.9	10.2 15.4
129	10.4	8.3 12.5

