

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122218\
 Data File : VW007780.D
 Acq On : 21 Dec 2018 08:14
 Operator : SY/AP
 Sample : J6389-05
 Misc : 4.58G/5ML/MSVOA_W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS013-0006-01

Quant Time: Dec 21 10:43:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

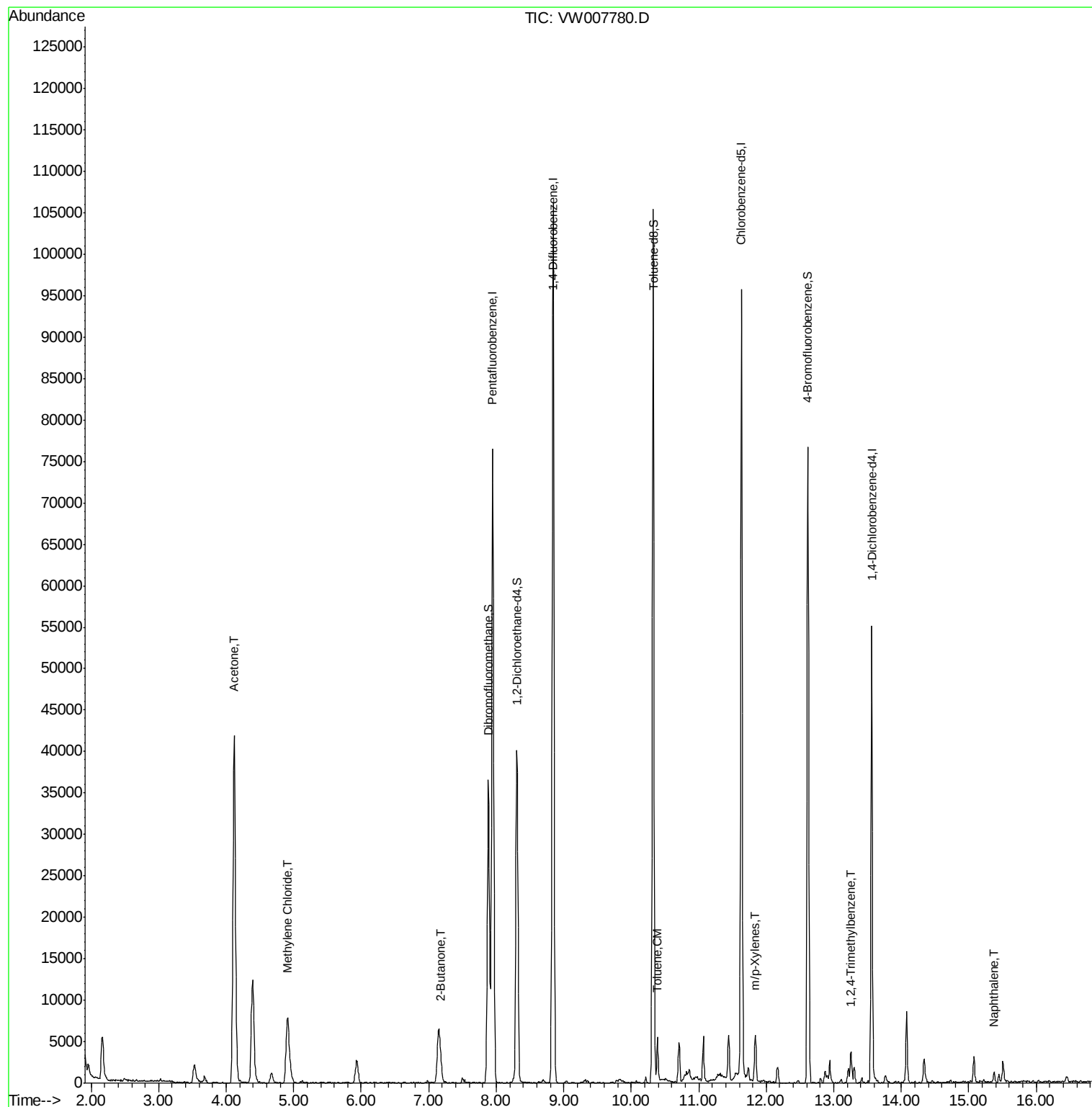
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	56551	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	90292	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	55251	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	14514	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	32586	52.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.14%	
35) Dibromofluoromethane	7.88	113	26874	48.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.58%	
50) Toluene-d8	10.32	98	71199	34.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.58%	
62) 4-Bromofluorobenzene	12.62	95	17651	22.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	44.00%	
Target Compounds						
16) Acetone	4.12	43	71258	613.933	ug/l	91
20) Methylene Chloride	4.91	84	7510	7.590	ug/l	97
25) 2-Butanone	7.18	43	4371	32.152	ug/l	94
52) Toluene	10.39	92	2385	1.529	ug/l	90
68) m/p-Xylenes	11.84	106	1866	2.344	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	2576	2.698	ug/l	98
95) Naphthalene	15.38	128	1531	2.669	ug/l #	93

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

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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: VW007780.D

Acq: 21 Dec 2018 08:14

Instrument :

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ClientSampleId :

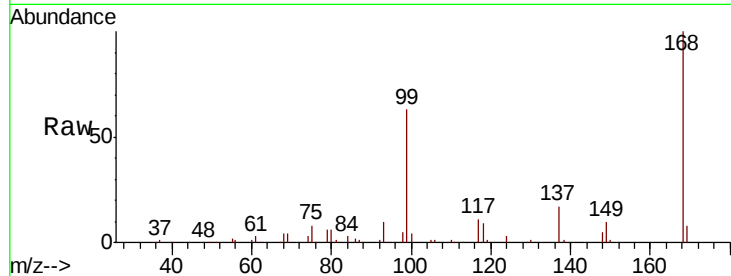
P001-SS013-0006-01

Tgt Ion:168 Resp: 56551

Ion Ratio Lower Upper

168 100

99 63.3 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

25000

20000

15000

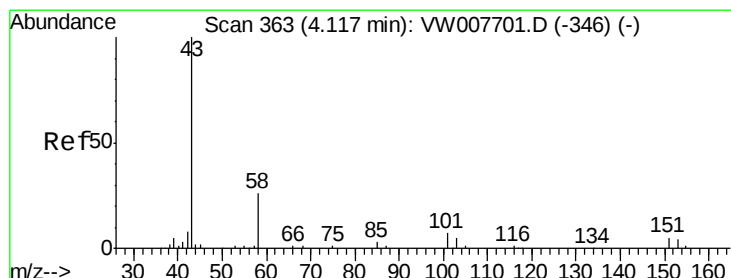
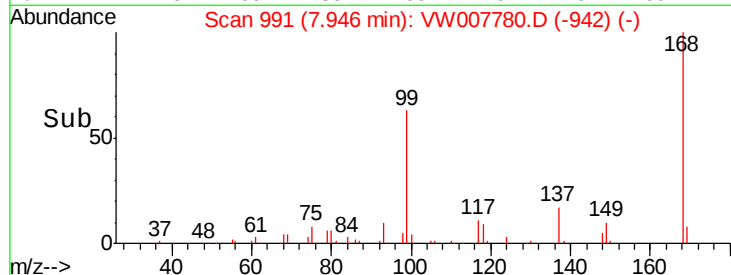
10000

5000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 613.933 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007780.D

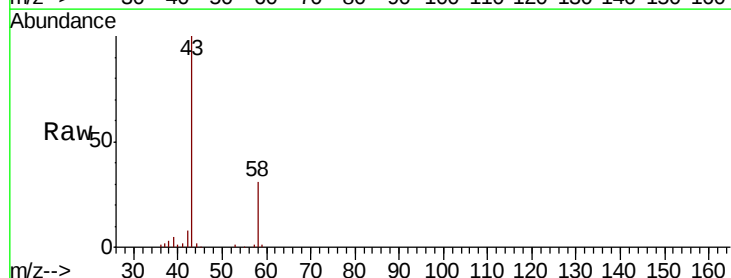
Acq: 21 Dec 2018 08:14

Tgt Ion: 43 Resp: 71258

Ion Ratio Lower Upper

43 100

58 31.3 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

30000

25000

20000

15000

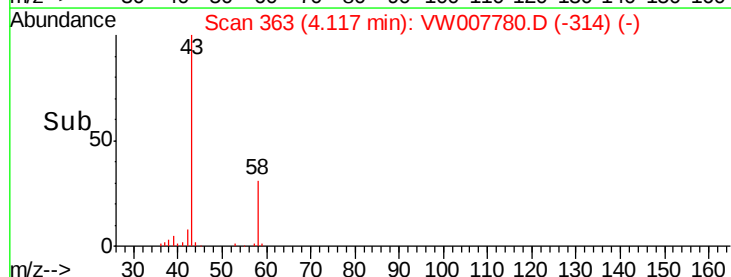
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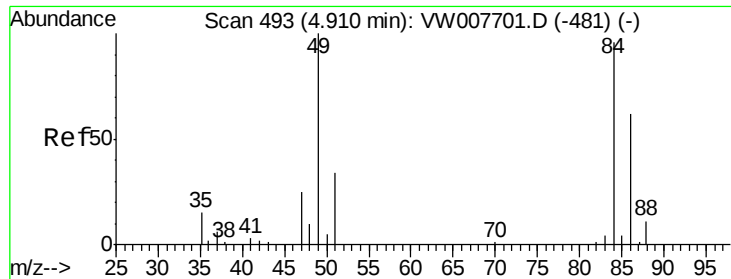
5000

0

4.00 4.10 4.20

Time-->

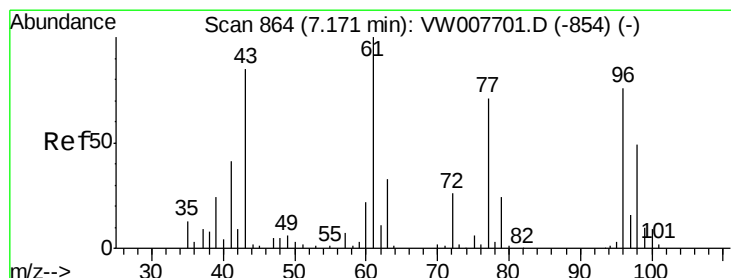
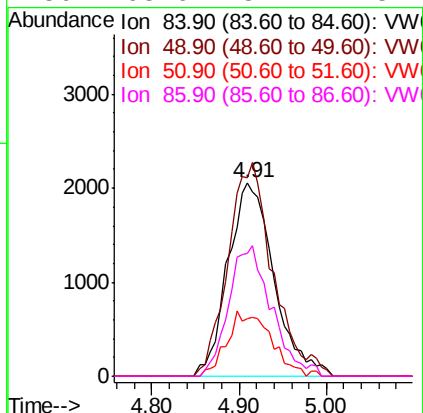
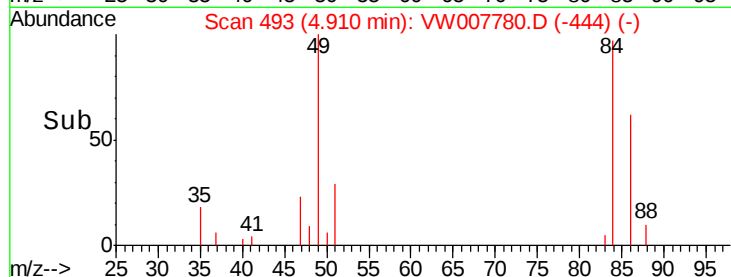
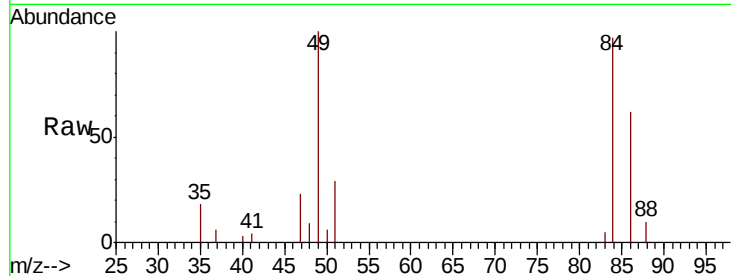




#20
Methylene Chloride
Concen: 7.590 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW007780.D
Acq: 21 Dec 2018 08:14

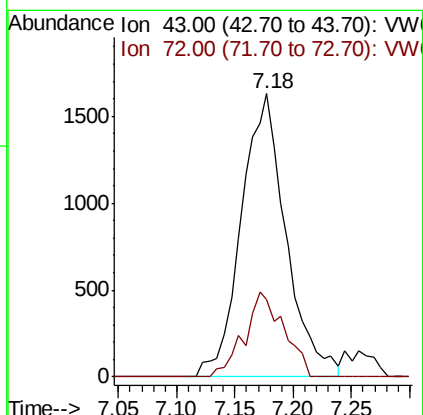
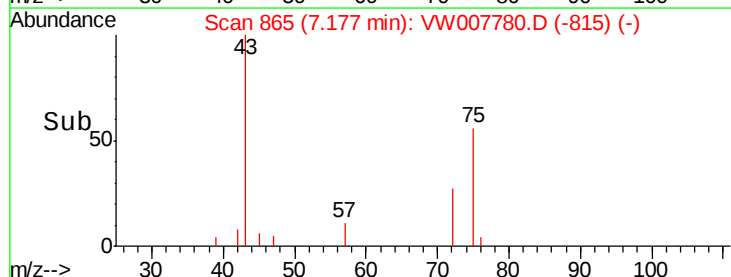
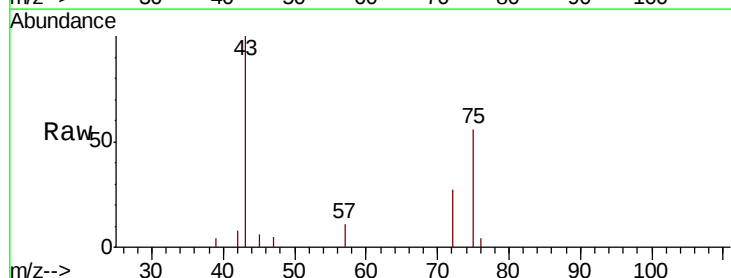
Instrument :
MSVOA_W
ClientSampleId :
P001-SS013-0006-01

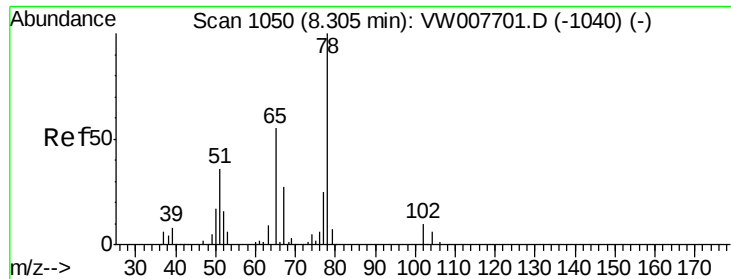
Tgt Ion:	84	Resp:	7510
Ion	Ratio	Lower	Upper
84	100		
49	102.8	83.7	125.5
51	30.0	28.2	42.2
86	63.6	52.2	78.2



#25
2-Butanone
Concen: 32.152 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW007780.D
Acq: 21 Dec 2018 08:14

Tgt Ion:	43	Resp:	4371
Ion	Ratio	Lower	Upper
43	100		
72	27.2	24.5	36.7

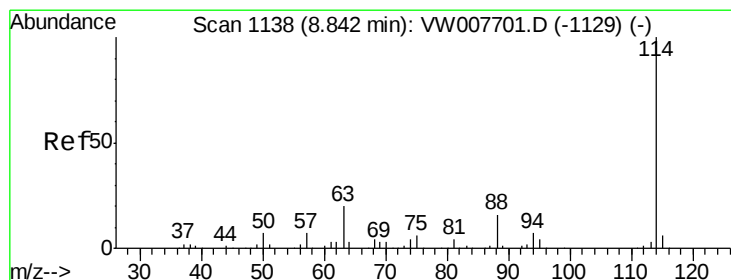
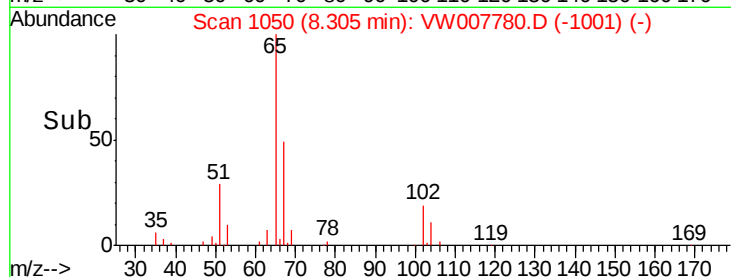
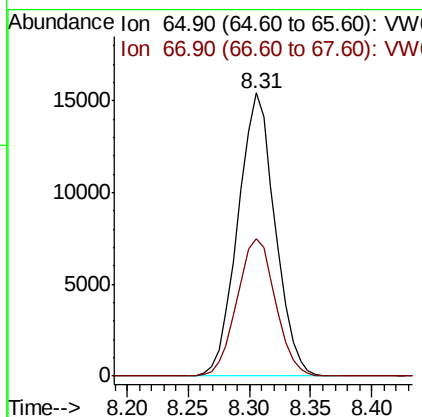
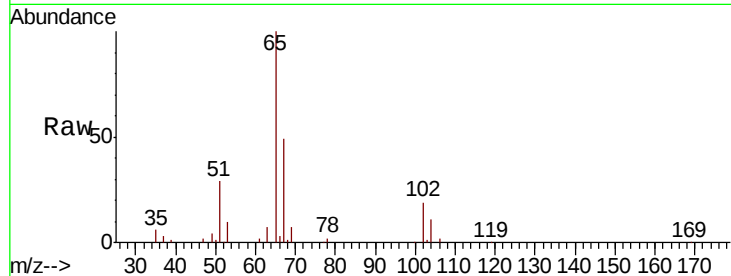




#33
 1,2-Dichloroethane-d4
 Concen: 52.573 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007780.D
 Acq: 21 Dec 2018 08:14

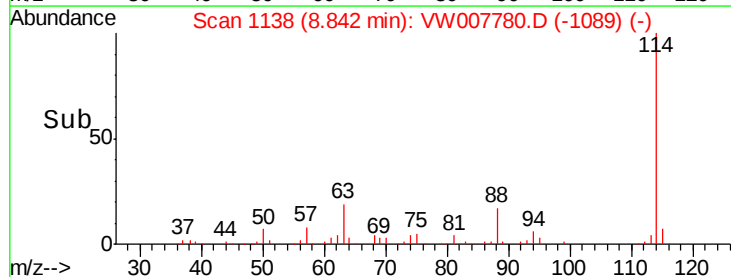
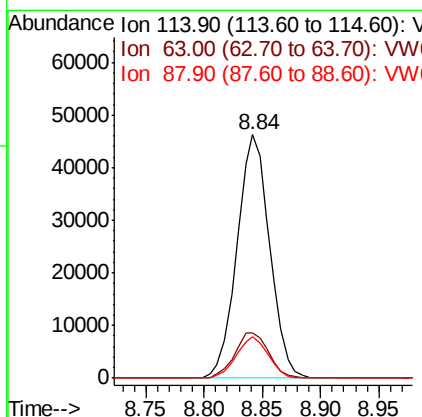
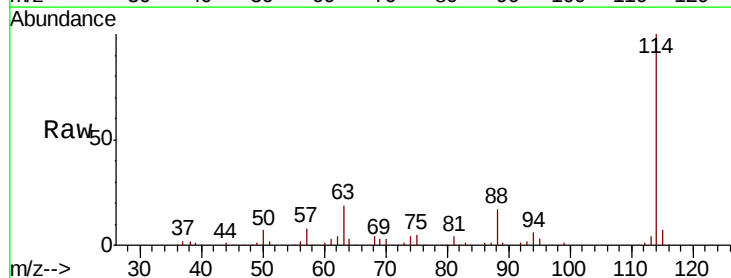
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS013-0006-01

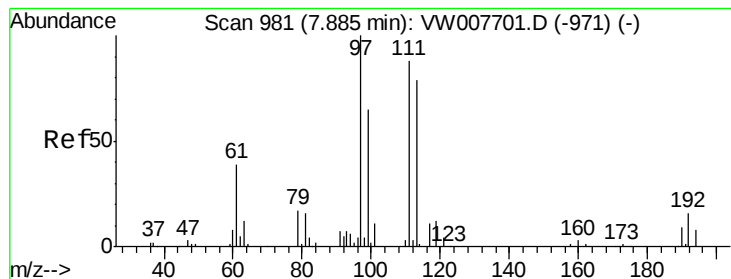
Tgt Ion: 65 Resp: 32586
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007780.D
 Acq: 21 Dec 2018 08:14

Tgt Ion: 114 Resp: 90292
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 40.0
 88 17.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.788 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007780.D

Acq: 21 Dec 2018 08:14

Instrument :

MSVOA_W

ClientSampleId :

P001-SS013-0006-01

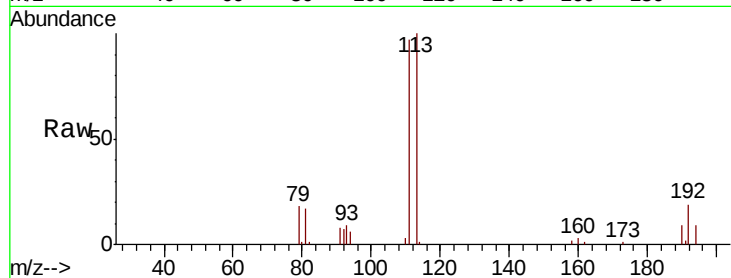
Tgt Ion:113 Resp: 26874

Ion Ratio Lower Upper

113 100

111 102.2 82.6 124.0

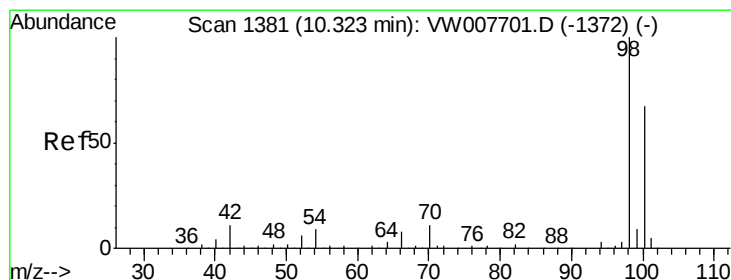
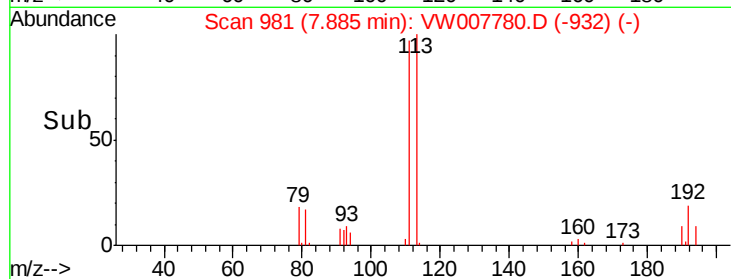
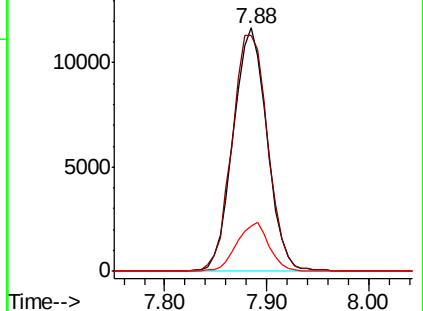
192 18.9 15.5 23.3



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: 34.287 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007780.D

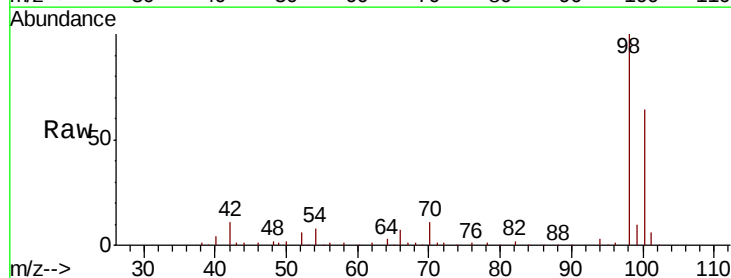
Acq: 21 Dec 2018 08:14

Tgt Ion: 98 Resp: 71199

Ion Ratio Lower Upper

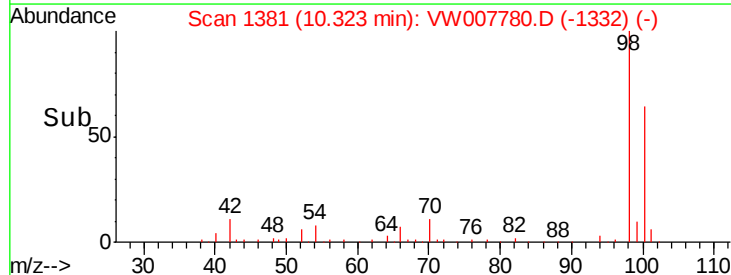
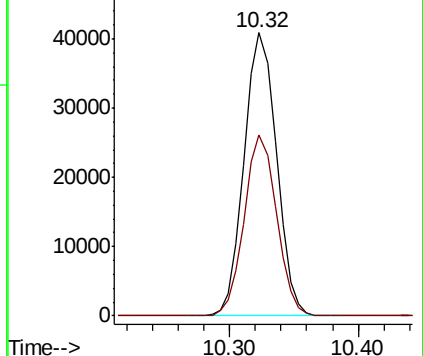
98 100

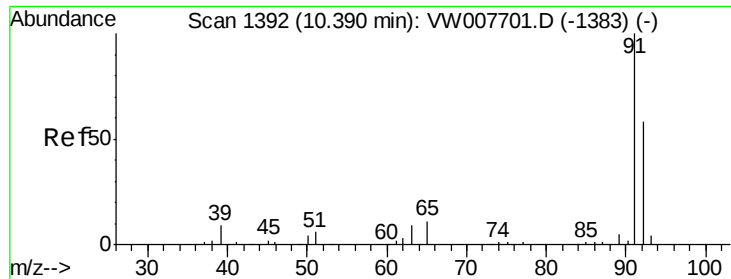
100 63.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 1.529 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007780.D

Acq: 21 Dec 2018 08:14

Instrument :

MSVOA_W

ClientSampleId :

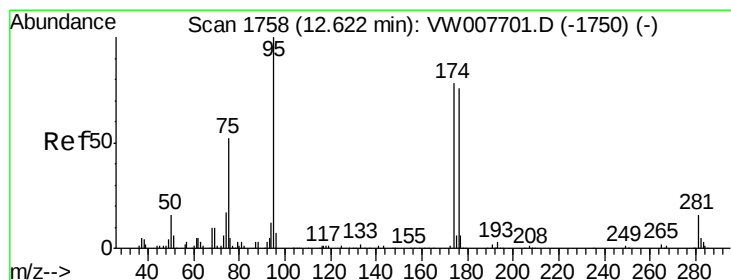
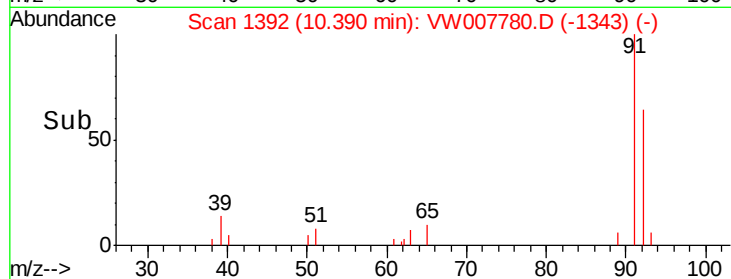
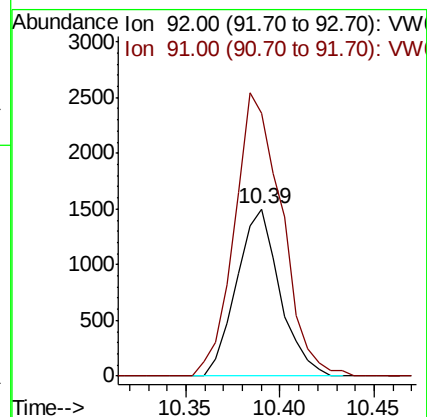
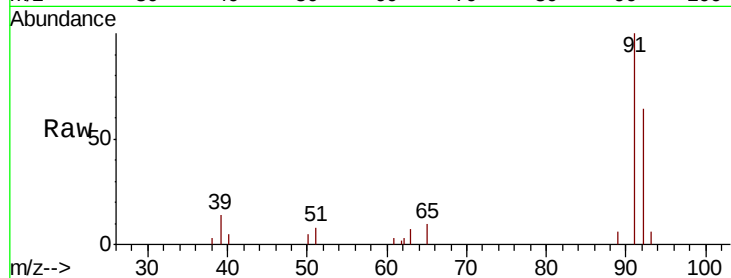
P001-SS013-0006-01

Tgt Ion: 92 Resp: 2385

Ion Ratio Lower Upper

92 100

91 184.9 137.0 205.4



#62

4-Bromofluorobenzene

Concen: 22.003 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007780.D

Acq: 21 Dec 2018 08:14

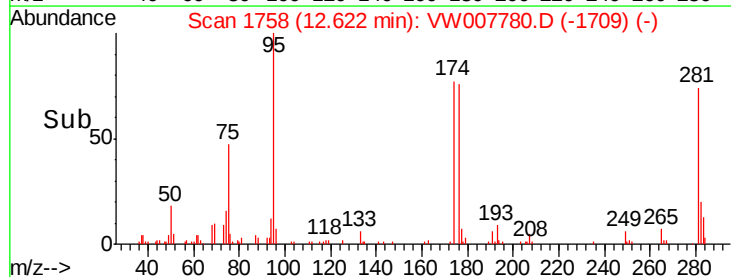
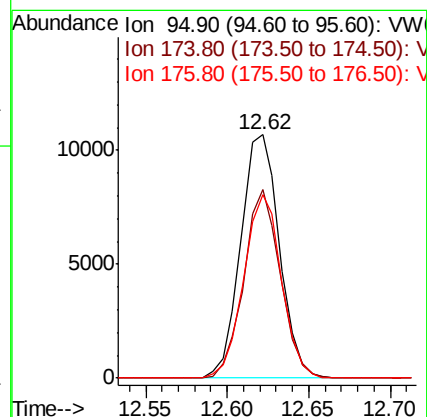
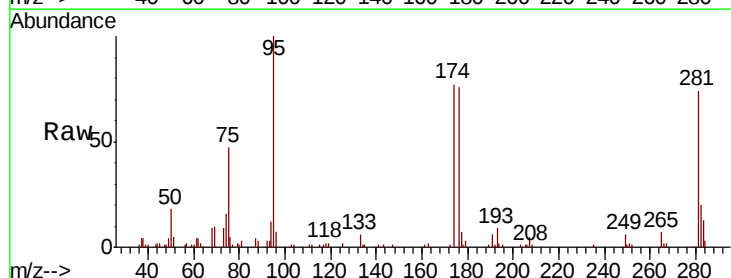
Tgt Ion: 95 Resp: 17651

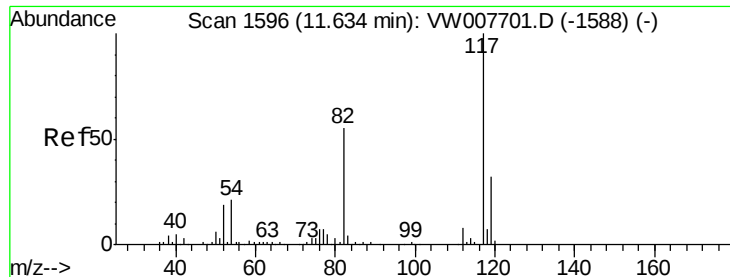
Ion Ratio Lower Upper

95 100

174 72.9 0.0 152.2

176 73.2 0.0 146.8

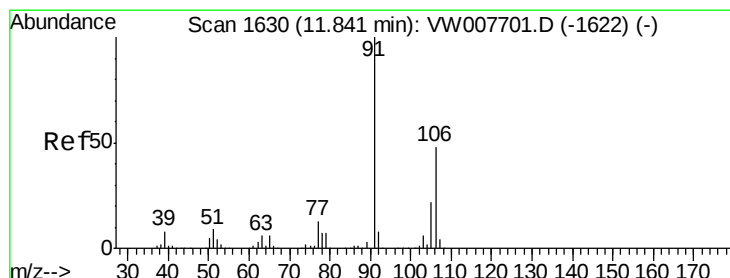
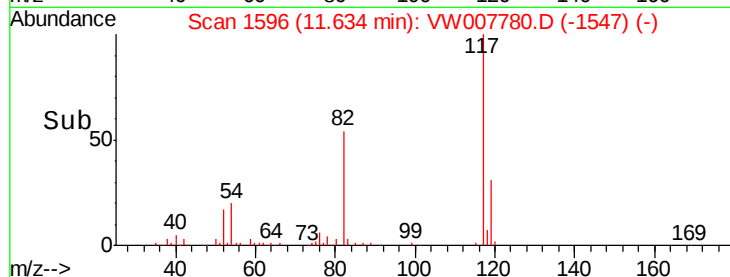
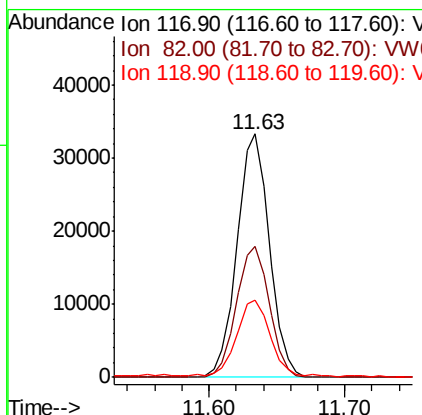
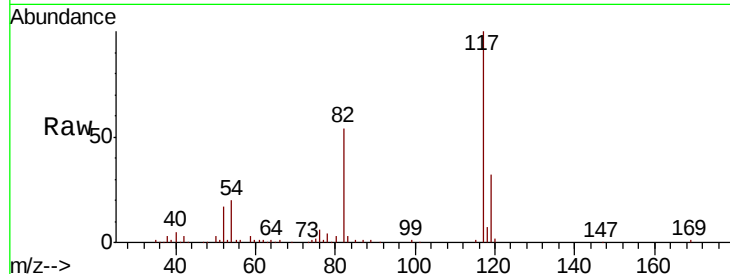




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007780.D
Acq: 21 Dec 2018 08:14

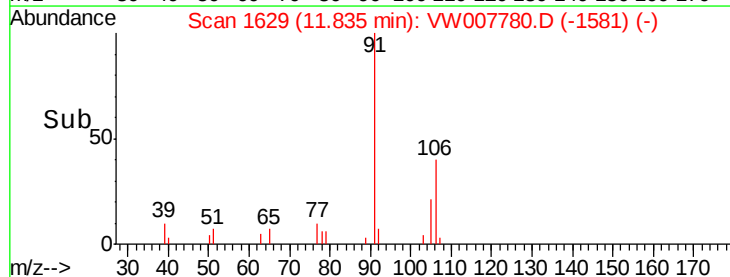
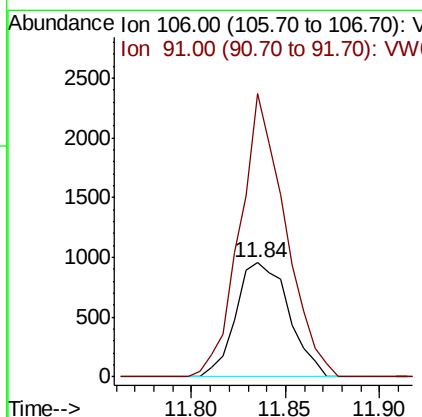
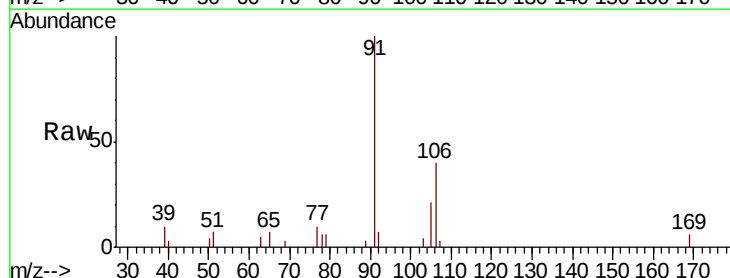
Instrument :
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P001-SS013-0006-01

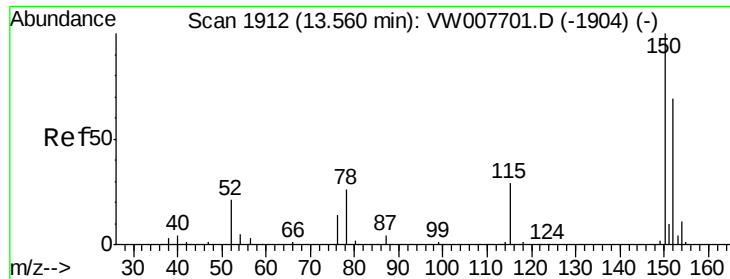
Tgt Ion:117 Resp: 55251
Ion Ratio Lower Upper
117 100
82 53.6 44.3 66.5
119 31.3 25.7 38.5



#68
m/p-Xylenes
Concen: 2.344 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007780.D
Acq: 21 Dec 2018 08:14

Tgt Ion:106 Resp: 1866
Ion Ratio Lower Upper
106 100
91 212.8 165.2 247.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007780.D

Acq: 21 Dec 2018 08:14

Instrument :

MSVOA_W

ClientSampleId :

P001-SS013-0006-01

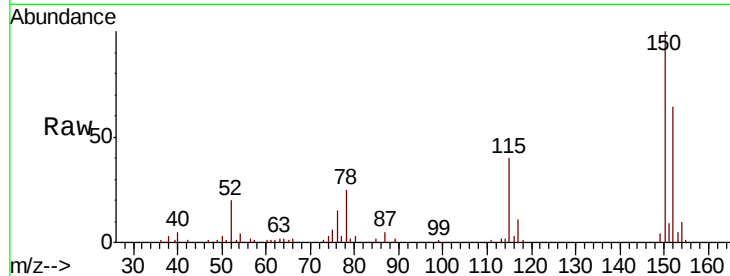
Tgt Ion:152 Resp: 14514

Ion Ratio Lower Upper

152 100

115 60.5 31.8 95.4

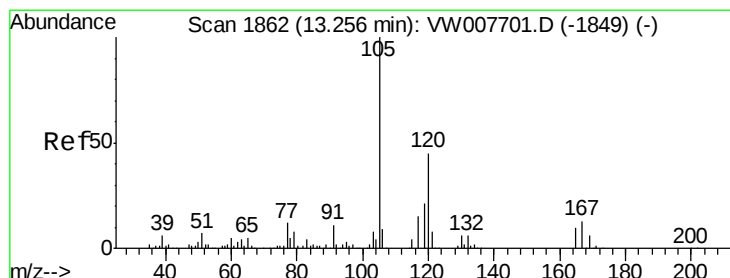
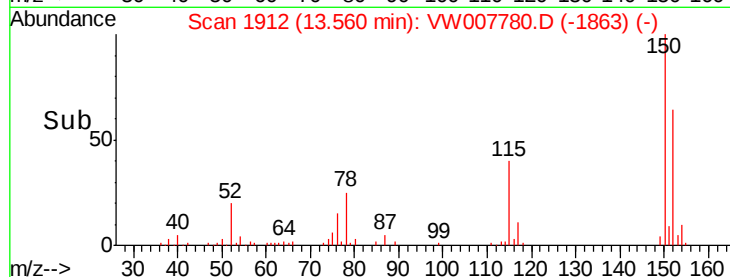
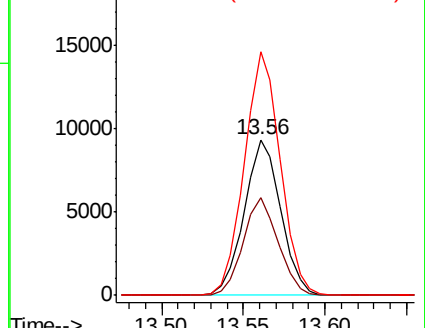
150 154.3 0.0 350.8



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



#84

1,2,4-Trimethylbenzene

Concen: 2.698 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW007780.D

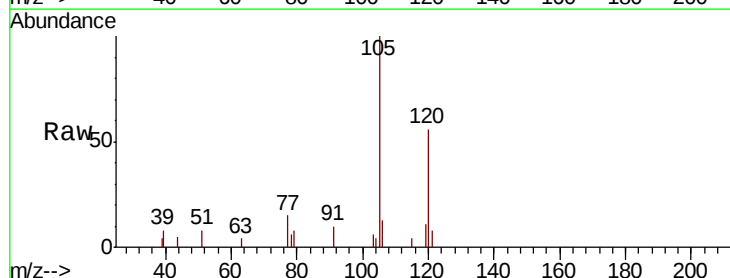
Acq: 21 Dec 2018 08:14

Tgt Ion:105 Resp: 2576

Ion Ratio Lower Upper

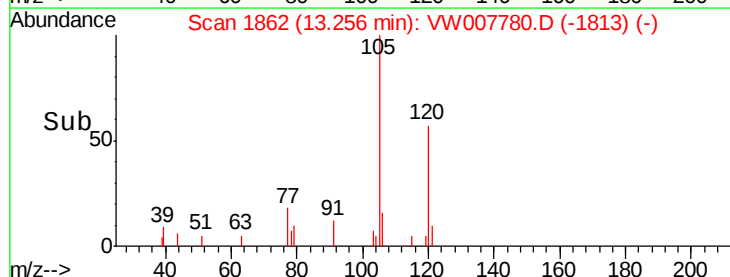
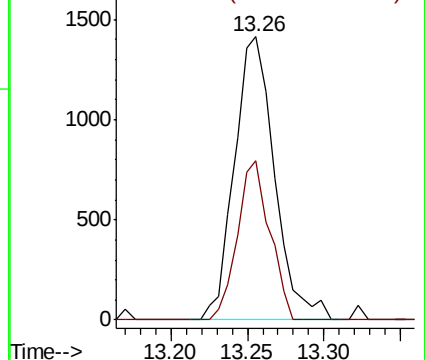
105 100

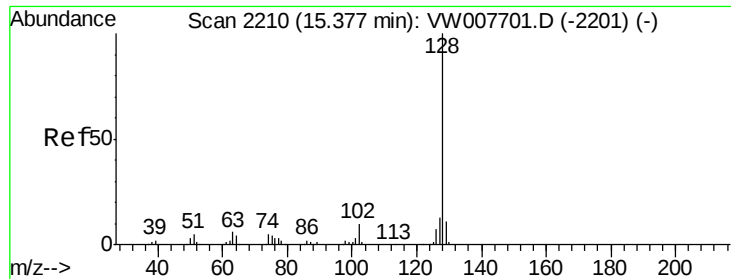
120 45.5 22.0 66.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

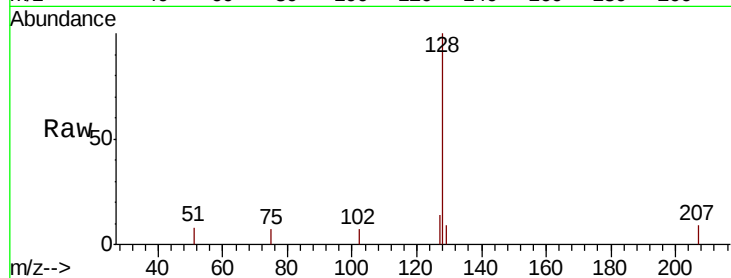




#95
Naphthalene
Concen: 2.669 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007780.D
Acq: 21 Dec 2018 08:14

Instrument :
MSVOA_W
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P001-SS013-0006-01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	9.9	10.7	16.1#
129	8.9	8.8	13.2



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

