

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121918\
 Data File : VW007646.D
 Acq On : 17 Dec 2018 21:34
 Operator : SY/AP
 Sample : J6379-05
 Misc : 5.14G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS003-1824-01

Quant Time: Dec 18 08:06:14 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

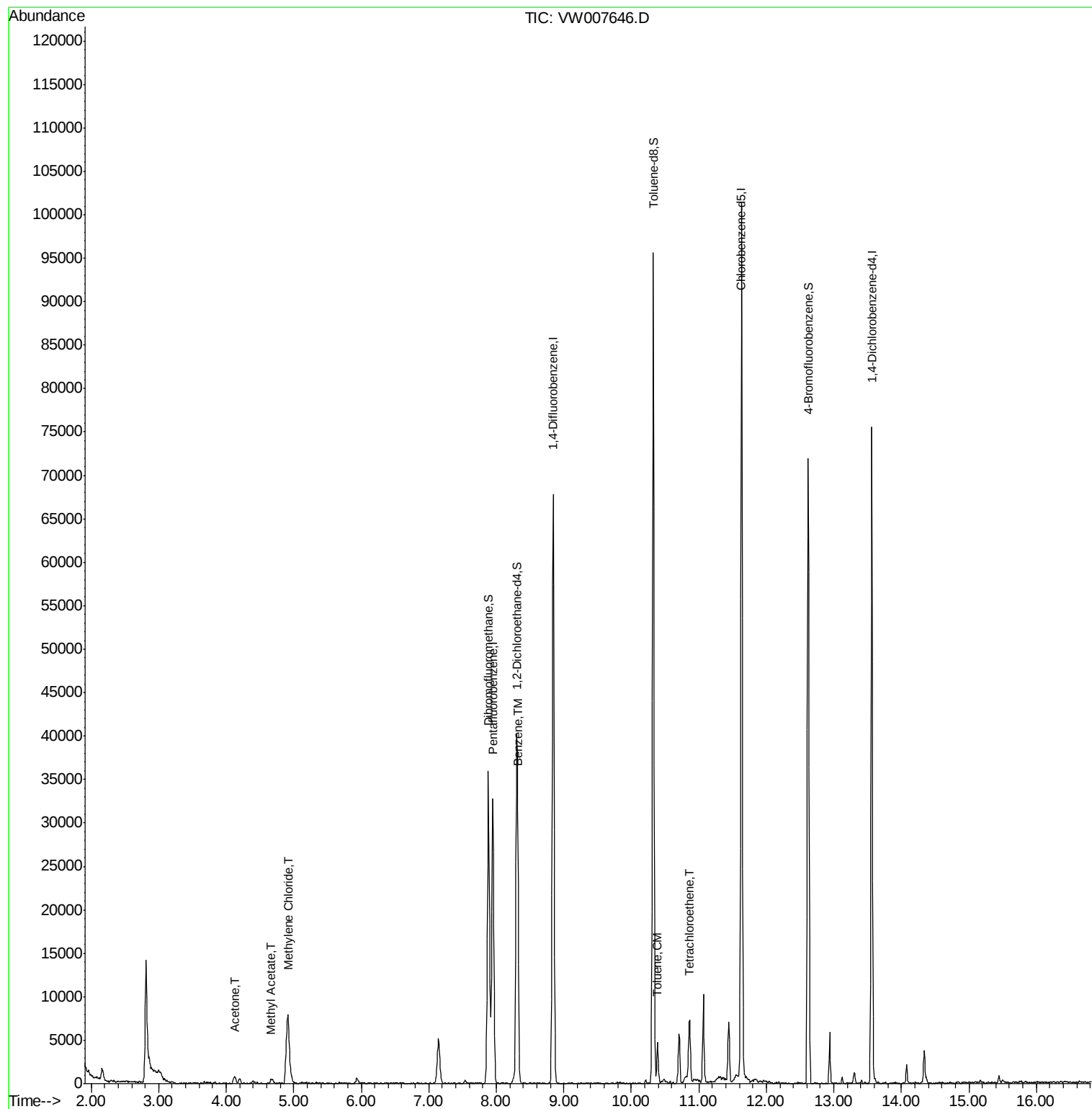
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	23721	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	57889	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	55365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	19231	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	32326	122.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	245.68%	
35) Dibromofluoromethane	7.88	113	25149	71.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	143.54%	
50) Toluene-d8	10.33	98	64163	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.66%	
62) 4-Bromofluorobenzene	12.62	95	22374	46.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.62%	
Target Compounds						
16) Acetone	4.12	43	1482	32.240	ug/l	98
18) Methyl Acetate	4.67	43	1211	9.707	ug/l #	88
20) Methylene Chloride	4.91	84	6667	24.526	ug/l	96
40) Benzene	8.32	78	2718	1.855	ug/l	95
52) Toluene	10.39	92	2217	2.338	ug/l	100
64) Tetrachloroethene	10.87	164	1616	4.059	ug/l	91

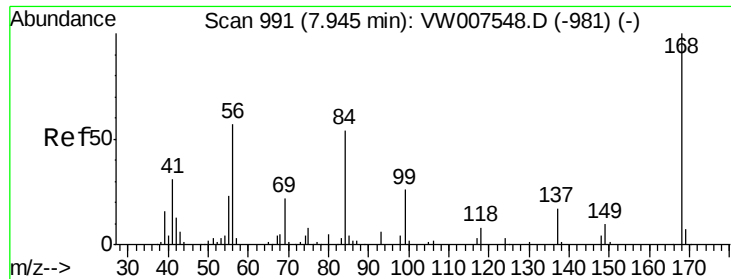
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 992

Delta R.T. -0.00 min

Lab File: VW007646.D

Acq: 17 Dec 2018 21:34

Instrument :

MSVOA_W

ClientSampleId :

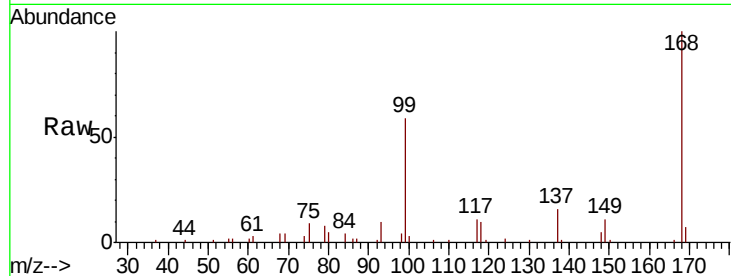
P001-SS003-1824-01

Tot Ion:168 Resp: 23721

Ion Ratio Lower Upper

168 100

99 58.5 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

12000

10000

8000

6000

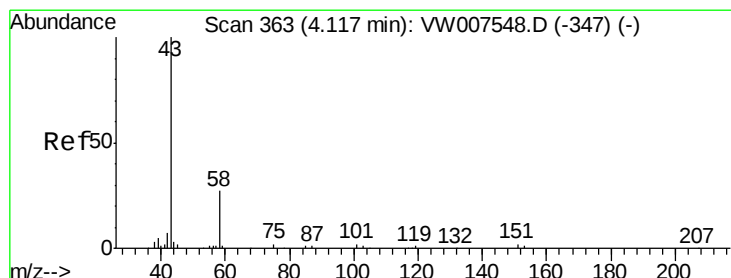
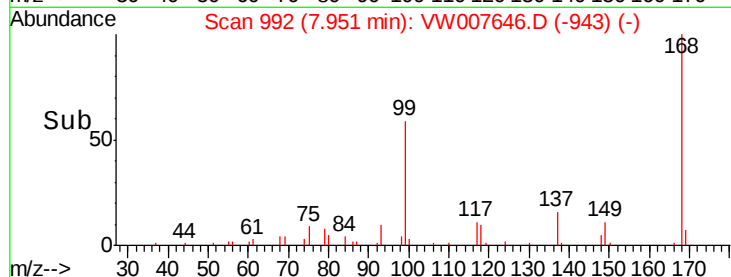
4000

2000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#16

Acetone

Concen: 32.240 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007646.D

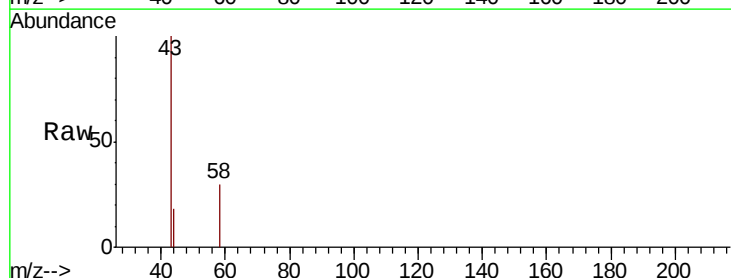
Acq: 17 Dec 2018 21:34

Tgt Ion: 43 Resp: 1482

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

600

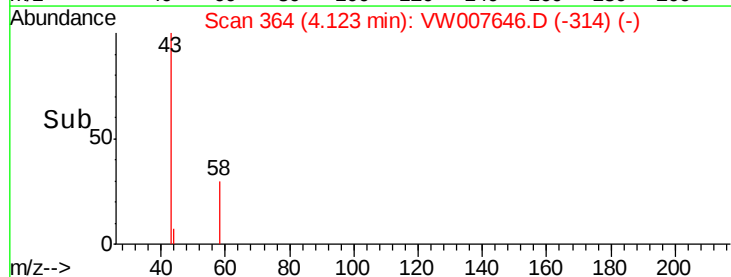
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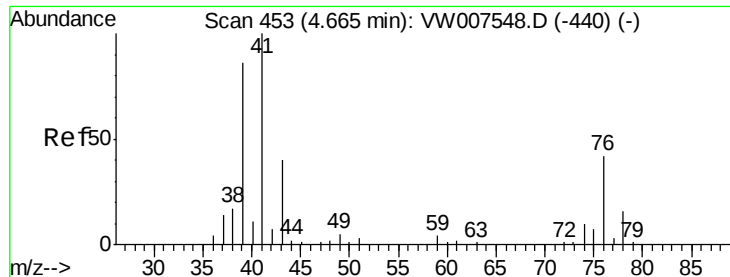
200

0

Time-->

4.05 4.10 4.15 4.20

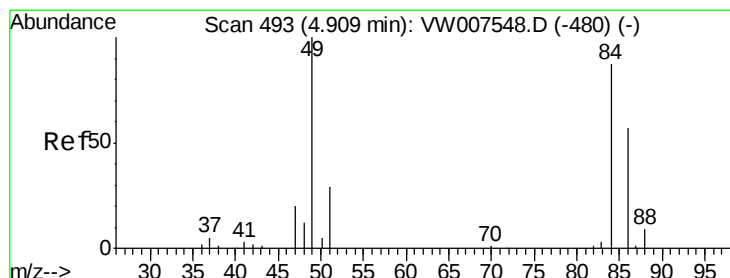
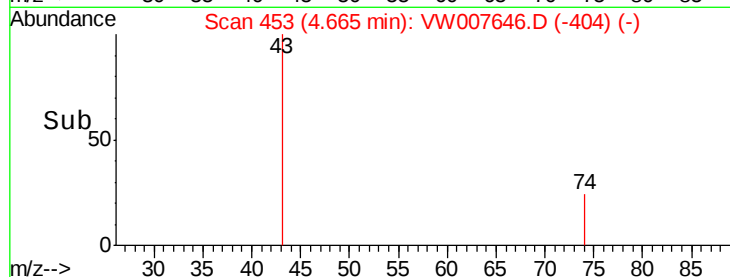
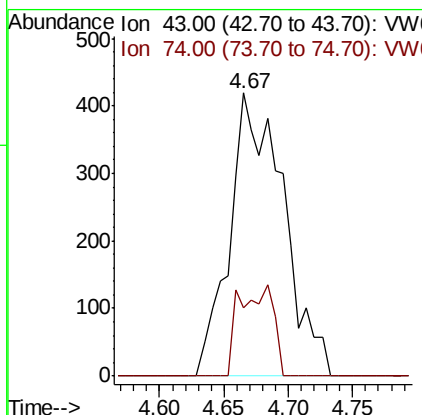
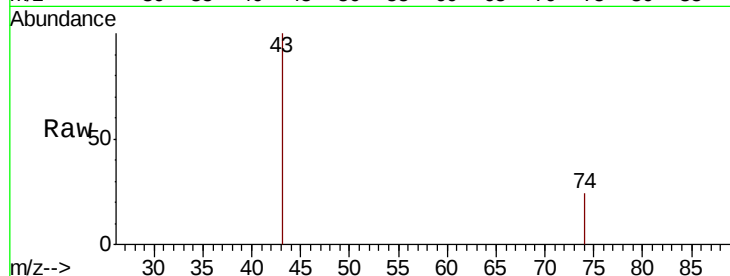




#18
Methyl Acetate
Concen: 9.707 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW007646.D
Acq: 17 Dec 2018 21:34

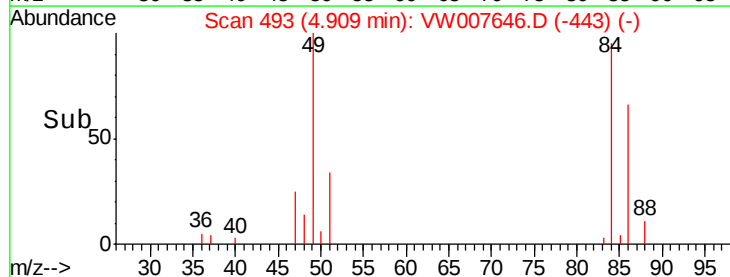
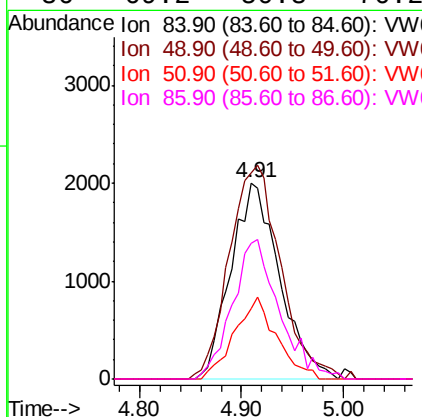
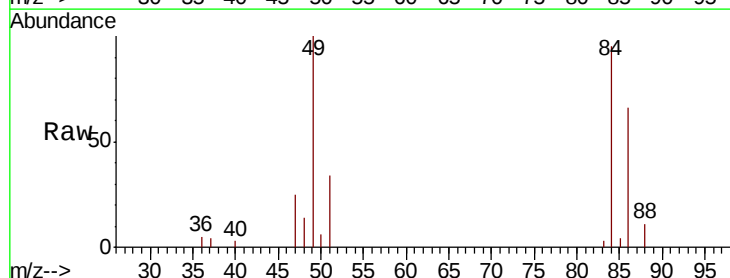
Instrument :
MSVOA_W
ClientSampleId :
P001-SS003-1824-01

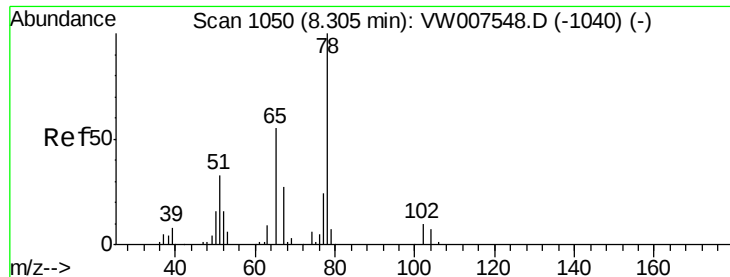
Tot Ion: 43 Resp: 1211
Ion Ratio Lower Upper
43 100
74 20.2 21.1 31.7#



#20
Methylene Chloride
Concen: 24.526 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW007646.D
Acq: 17 Dec 2018 21:34

Tgt Ion: 84 Resp: 6667
Ion Ratio Lower Upper
84 100
49 104.8 87.1 130.7
51 35.8 28.2 42.2
86 69.2 50.8 76.2

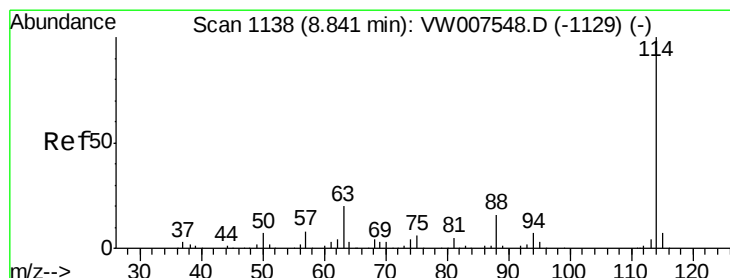
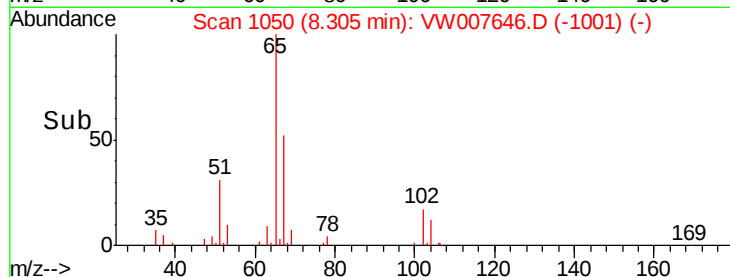
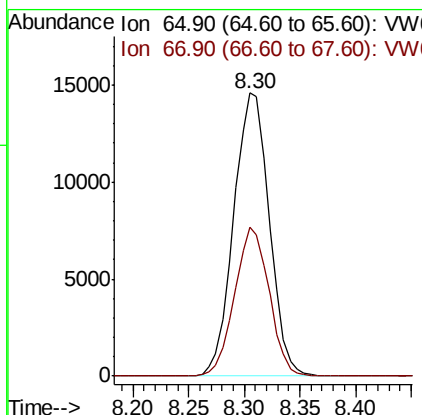
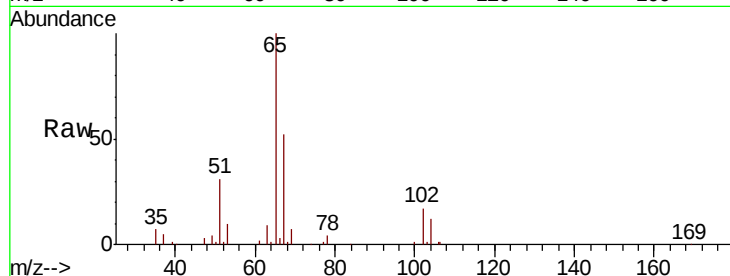




#33
 1,2-Dichloroethane-d4
 Concen: 122.835 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007646.D
 Acq: 17 Dec 2018 21:34

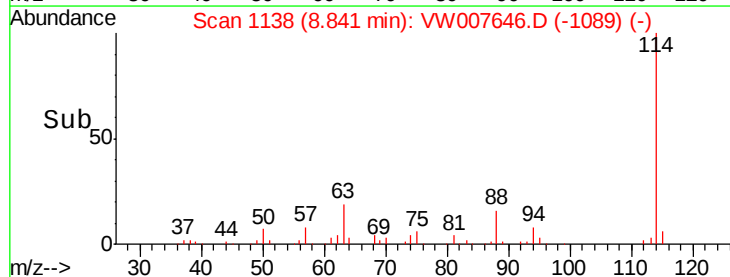
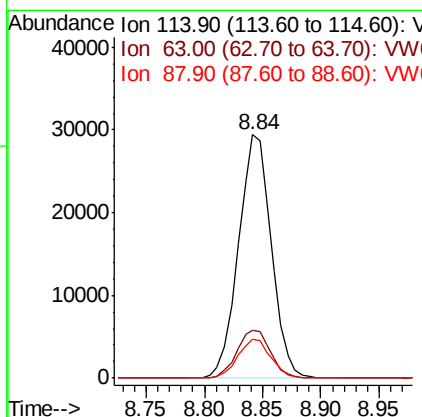
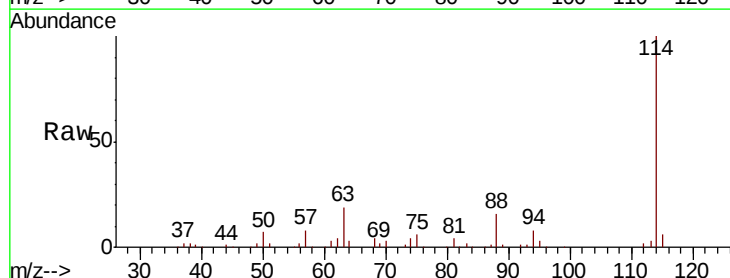
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS003-1824-01

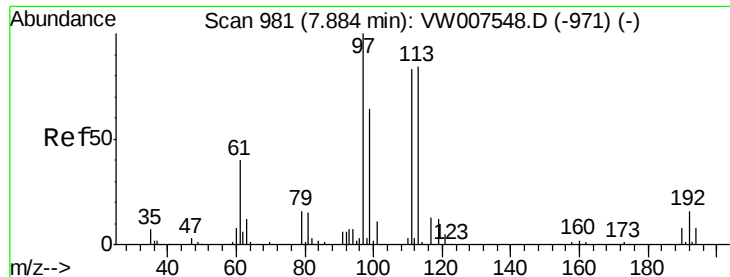
Tot Ion: 65 Resp: 32326
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007646.D
 Acq: 17 Dec 2018 21:34

Tgt Ion: 114 Resp: 57889
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.6
 88 15.9 0.0 31.4

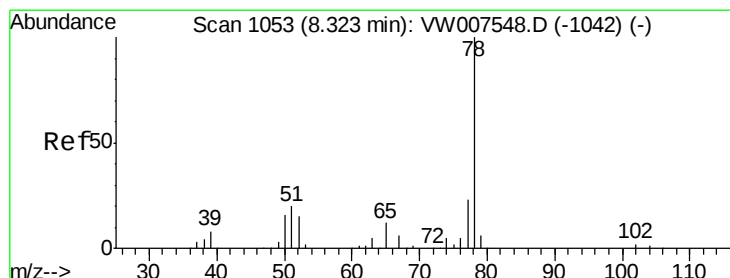
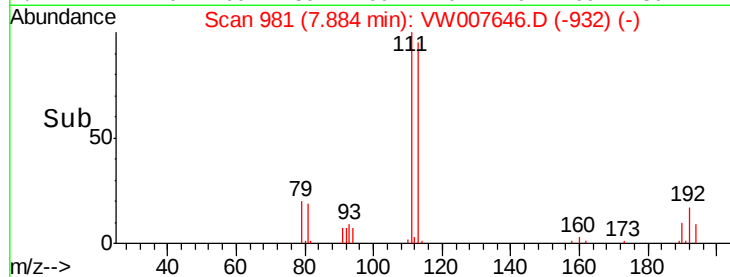
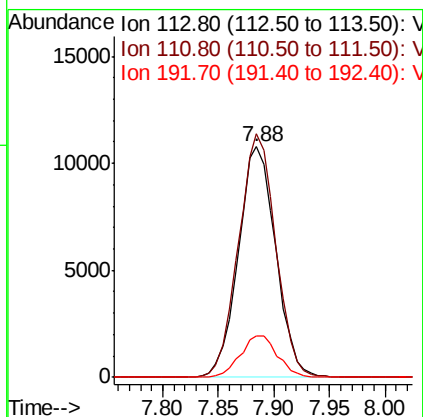
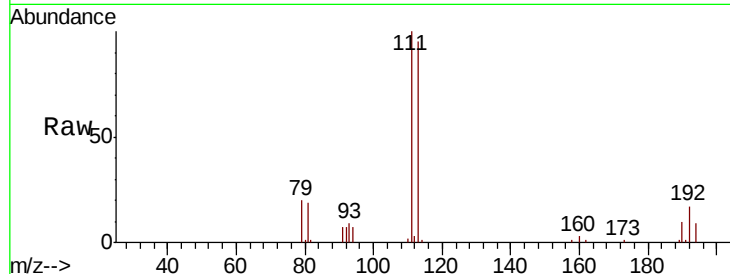




#35
 Dibromofluoromethane
 Concen: 71.767 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007646.D
 Acq: 17 Dec 2018 21:34

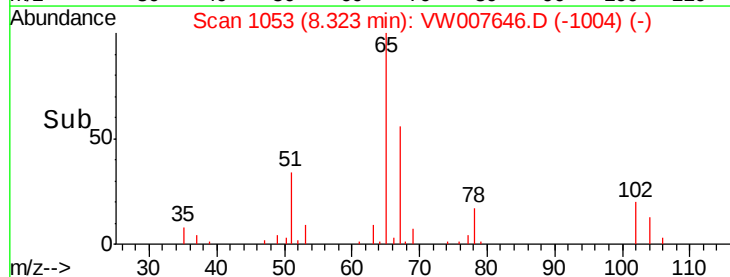
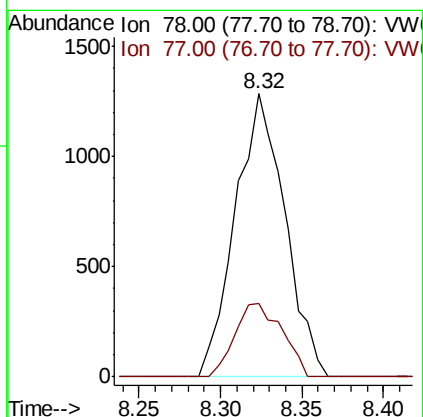
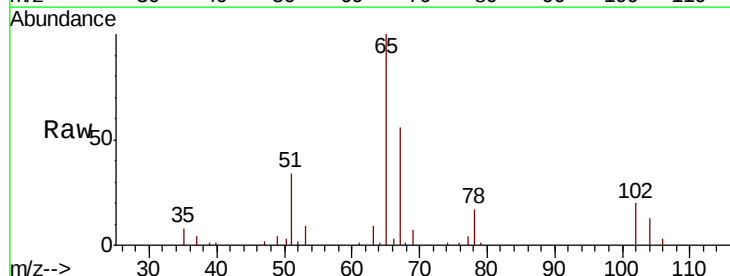
Instrument :
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 ClientSampleId :
 P001-SS003-1824-01

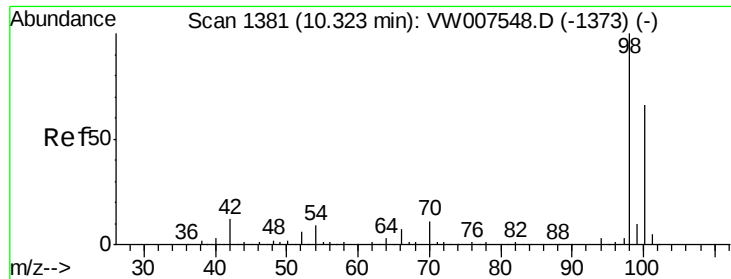
Tot Ion:113 Resp: 25149
 Ion Ratio Lower Upper
 113 100
 111 104.7 81.1 121.7
 192 17.9 14.6 21.8



#40
 Benzene
 Concen: 1.855 ug/l
 RT: 8.32 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VW007646.D
 Acq: 17 Dec 2018 21:34

Tgt Ion: 78 Resp: 2718
 Ion Ratio Lower Upper
 78 100
 77 25.9 18.8 28.2

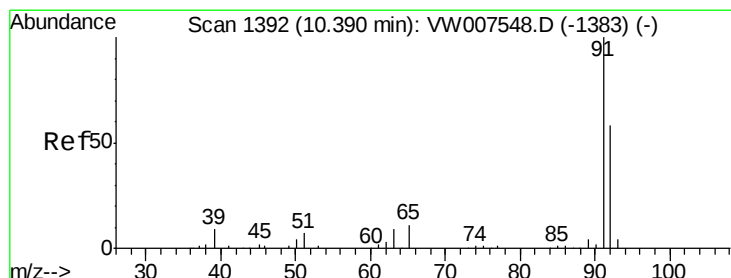
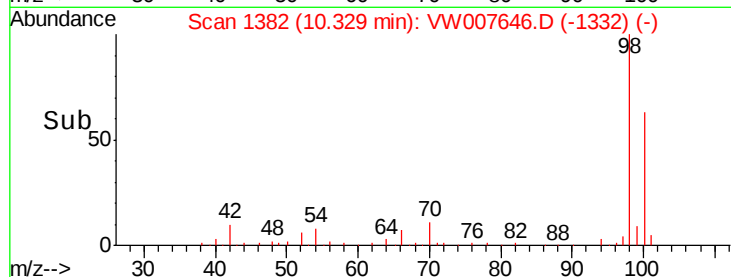
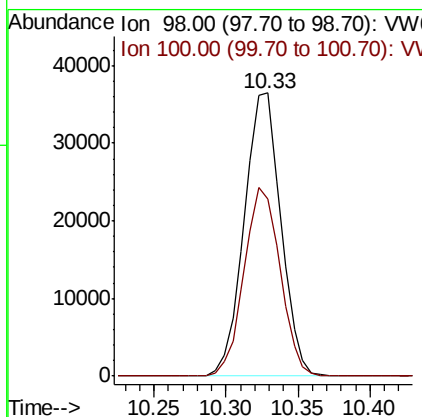
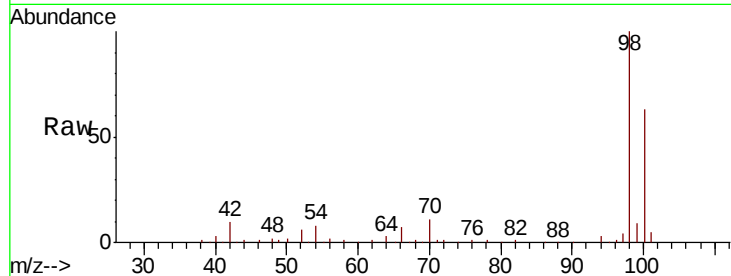




#50
Toluene-d8
Concen: 48.834 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VW007646.D
Acq: 17 Dec 2018 21:34

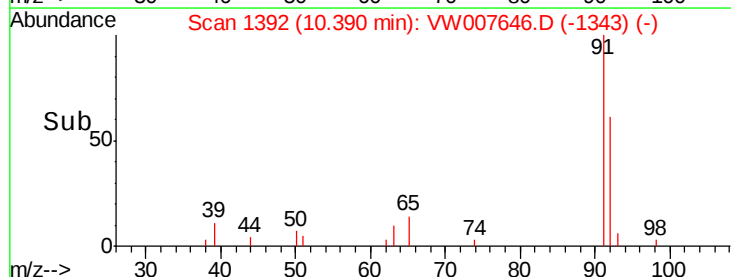
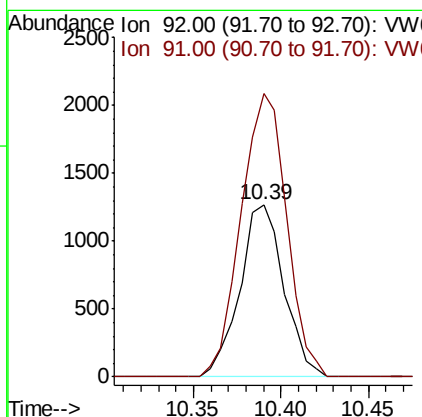
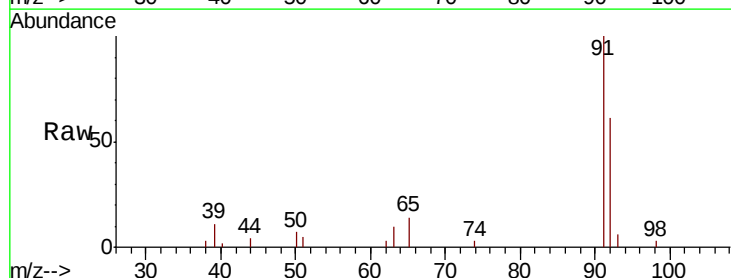
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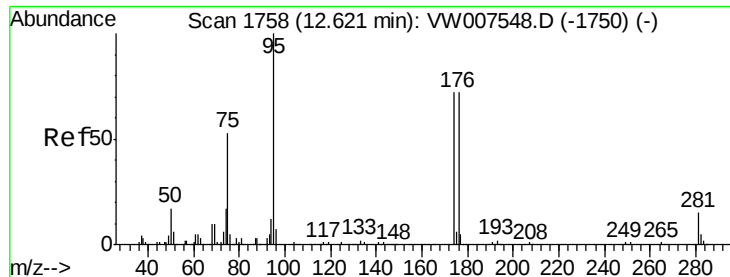
Tot Ion: 98 Resp: 64163
Ion Ratio Lower Upper
98 100
100 65.8 51.8 77.8



#52
Toluene
Concen: 2.338 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007646.D
Acq: 17 Dec 2018 21:34

Tgt Ion: 92 Resp: 2217
Ion Ratio Lower Upper
92 100
91 170.9 136.2 204.2

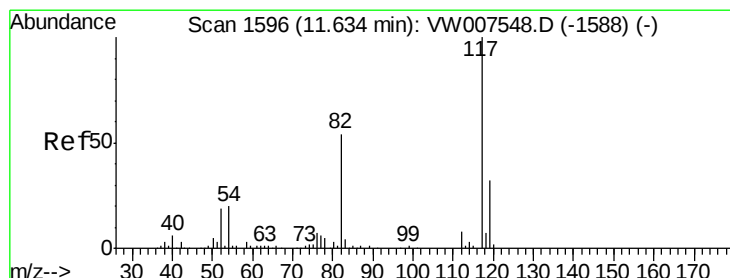
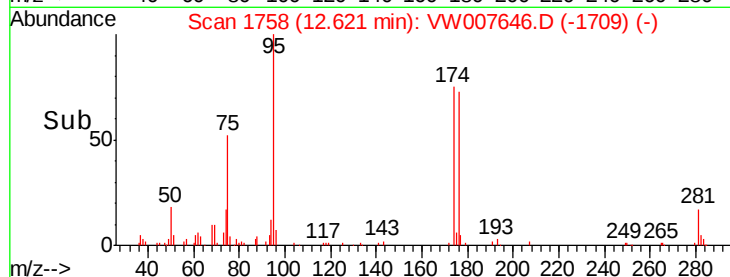
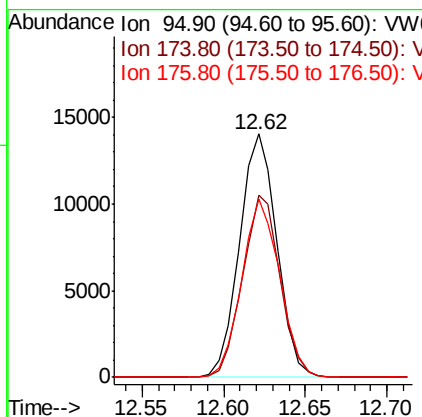
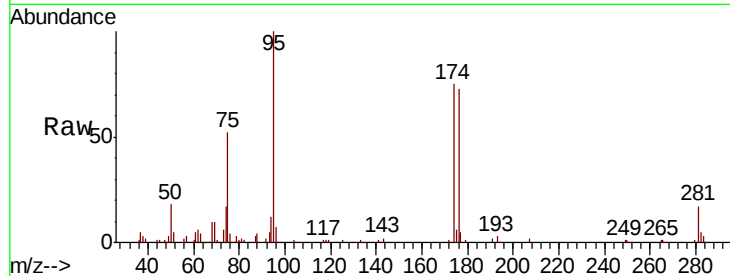




#62
4-Bromofluorobenzene
Concen: 46.315 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007646.D
Acq: 17 Dec 2018 21:34

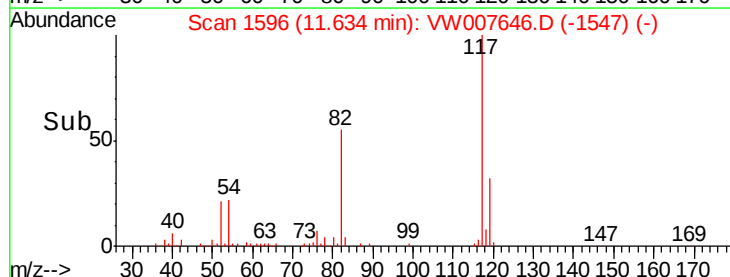
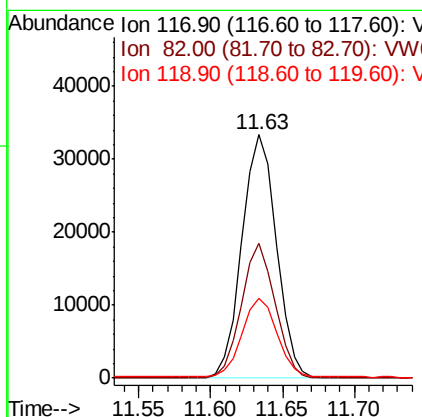
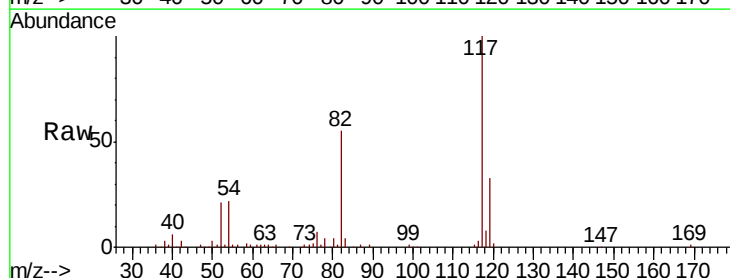
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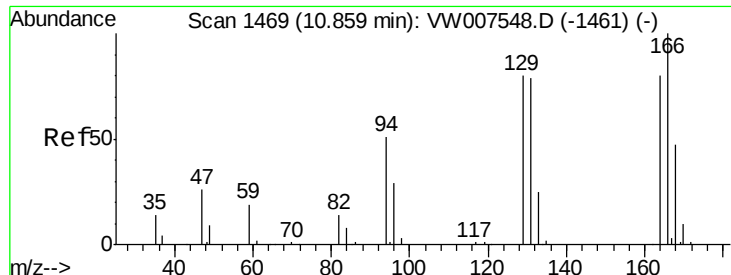
Tot Ion: 95 Resp: 22374
Ion Ratio Lower Upper
95 100
174 75.0 0.0 147.2
176 74.4 0.0 138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007646.D
Acq: 17 Dec 2018 21:34

Tgt Ion: 117 Resp: 55365
Ion Ratio Lower Upper
117 100
82 55.4 42.3 63.5
119 32.3 23.0 34.6





#64

Tetrachloroethene

Concen: 4.059 ug/l

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW007646.D

Acq: 17 Dec 2018 21:34

Instrument :

MSVOA_W

ClientSampleId :

P001-SS003-1824-01

Tot Ion:164 Resp: 1616

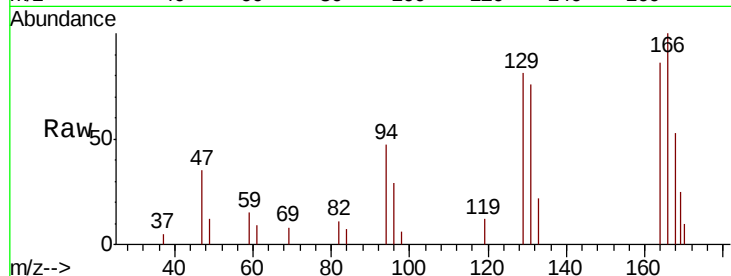
Ion Ratio Lower Upper

164 100

166 115.8 107.9 161.9

129 93.8 73.4 110.2

131 88.5 75.8 113.6

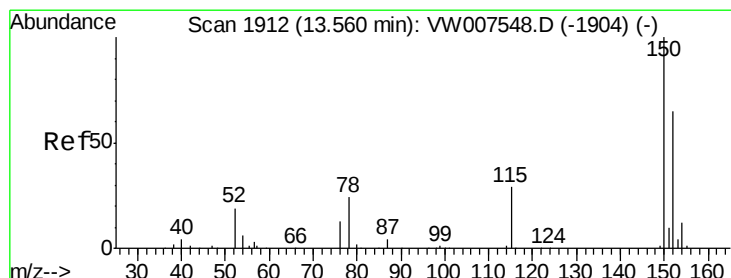
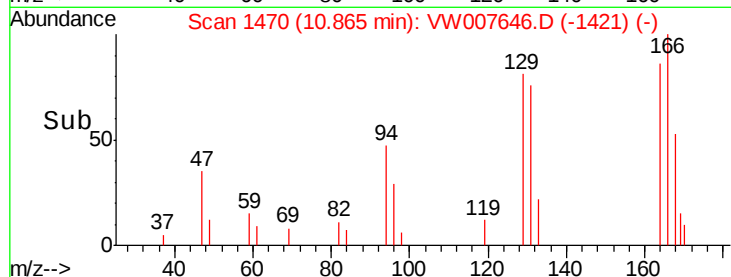
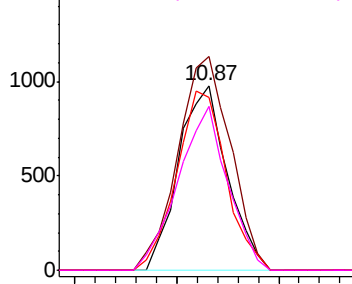


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007646.D

Acq: 17 Dec 2018 21:34

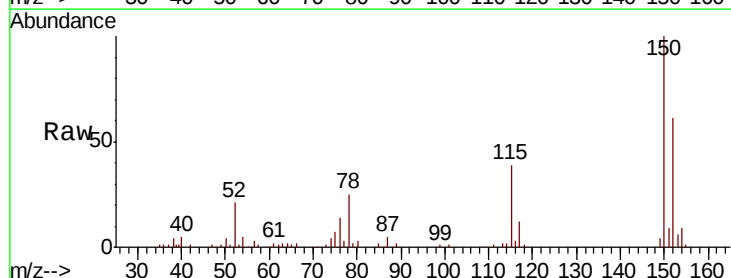
Tgt Ion:152 Resp: 19231

Ion Ratio Lower Upper

152 100

115 64.0 31.4 94.2

150 160.1 0.0 358.4



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

