

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100118\
 Data File : VU027332.D
 Acq On : 01 Oct 2018 20:43
 Operator : MD/SY
 Sample : J5137-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RAV-GT-103-TRAFILER-EFFLUENT-

Quant Time: Oct 02 08:11:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

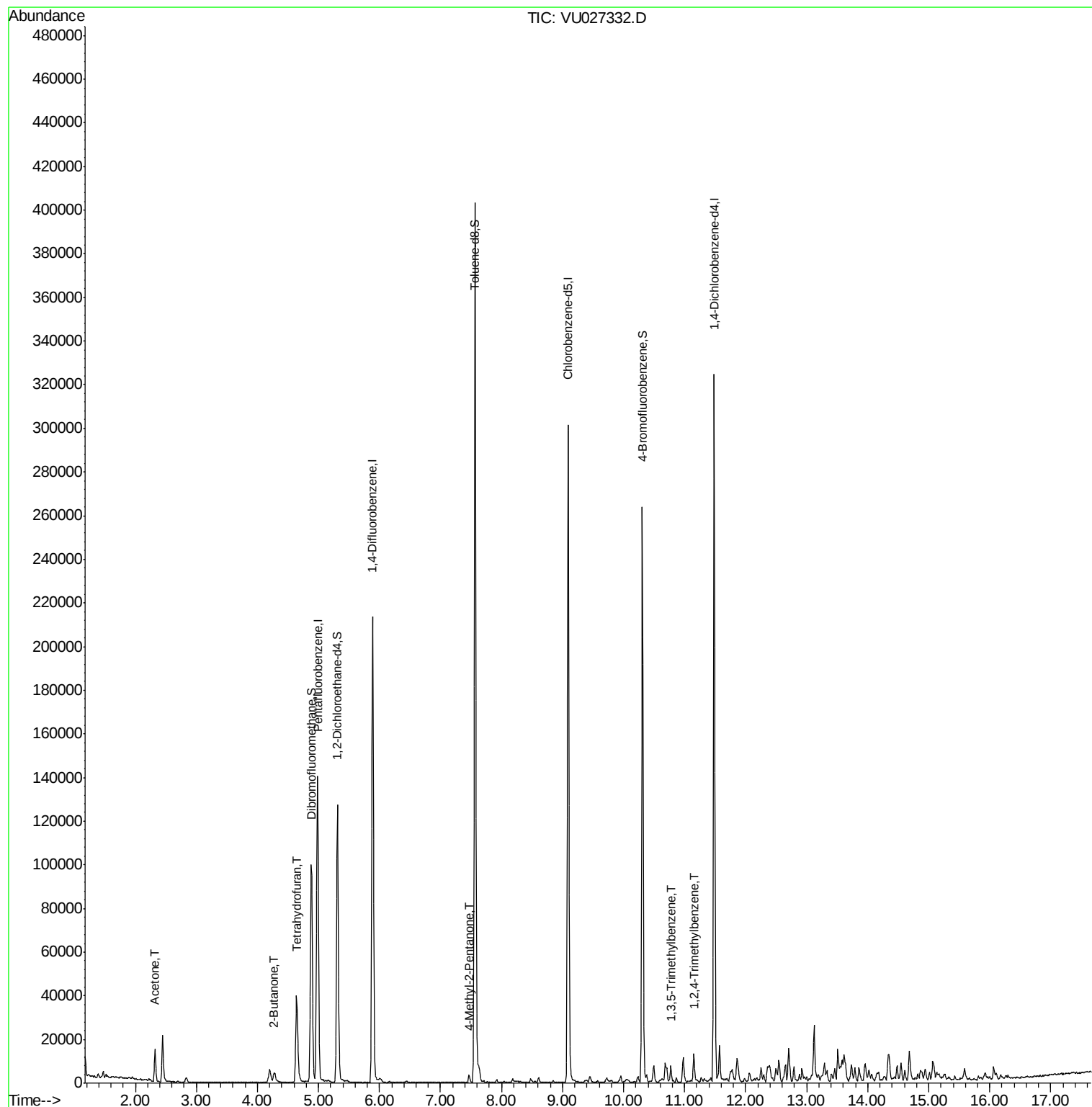
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	99396	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	168188	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	157567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	76460	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	98249	59.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.40%	
35) Dibromofluoromethane	4.88	113	68753	59.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.30%	
50) Toluene-d8	7.57	98	263181	61.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.02%	
62) 4-Bromofluorobenzene	10.31	95	89205	55.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.28%	
Target Compounds						
16) Acetone	2.32	43	15793	16.107	ug/l	99
25) 2-Butanone	4.28	43	8887	6.647	ug/l	95
29) Tetrahydrofuran	4.64	42	32259	38.283	ug/l	98
51) 4-Methyl-2-Pentanone	7.47	43	2927	1.229	ug/l #	85
80) 1,3,5-Trimethylbenzene	10.77	105	3773	0.835	ug/l	95
84) 1,2,4-Trimethylbenzene	11.15	105	6329	1.370	ug/l	99

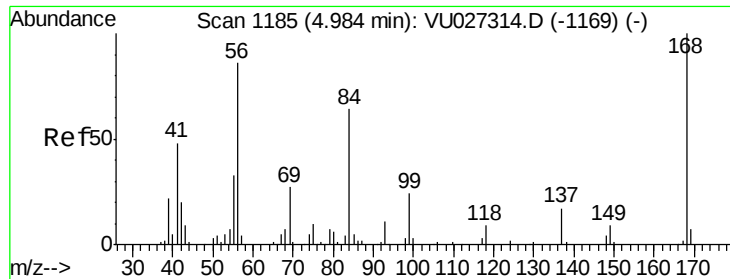
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027332.D

Acq: 01 Oct 2018 20:43

Instrument :

MSVOA_U

ClientSampleId :

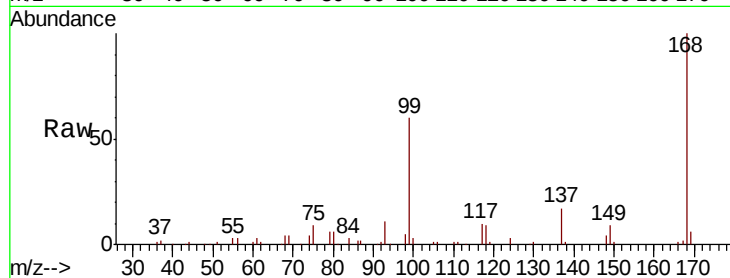
RAV-GT-103-TRAFILER-EFFLUENT-

Tot Ion:168 Resp: 99396

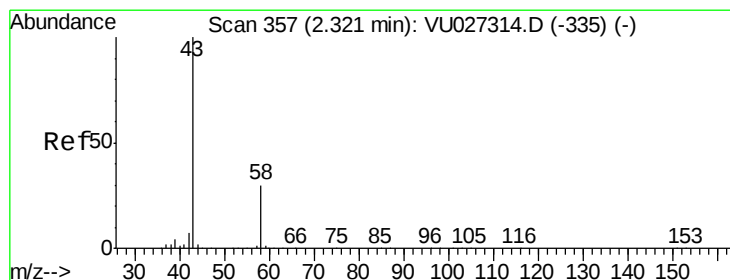
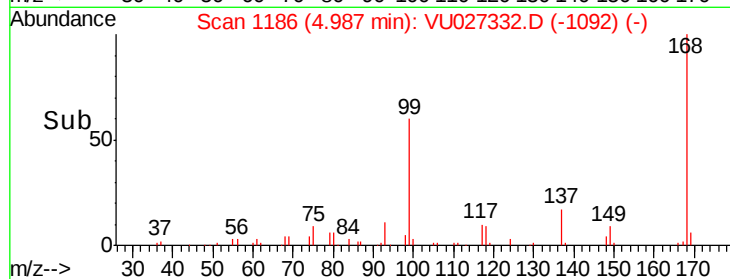
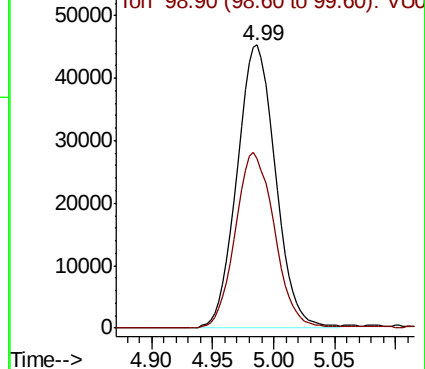
Ion Ratio Lower Upper

168 100

99 59.8 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)



#16

Acetone

Concen: 16.107 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027332.D

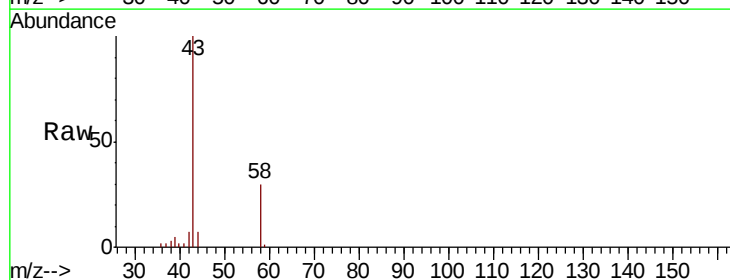
Acq: 01 Oct 2018 20:43

Tgt Ion: 43 Resp: 15793

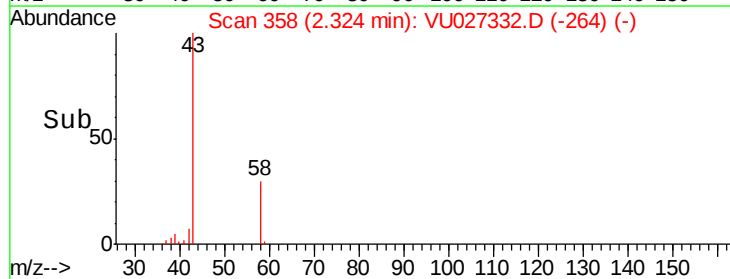
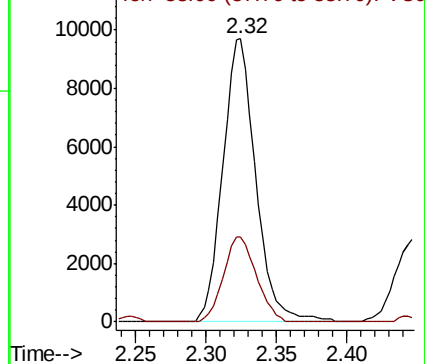
Ion Ratio Lower Upper

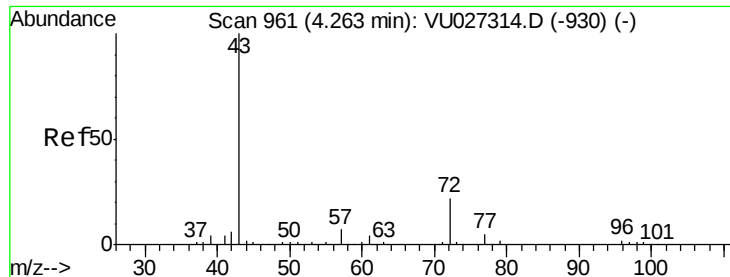
43 100

58 29.8 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-335) (-)





#25

2-Butanone

Concen: 6.647 ug/l

RT: 4.28 min Scan# 965

Delta R.T. 0.01 min

Lab File: VU027332.D

Acq: 01 Oct 2018 20:43

Instrument :

MSVOA_U

ClientSampleId :

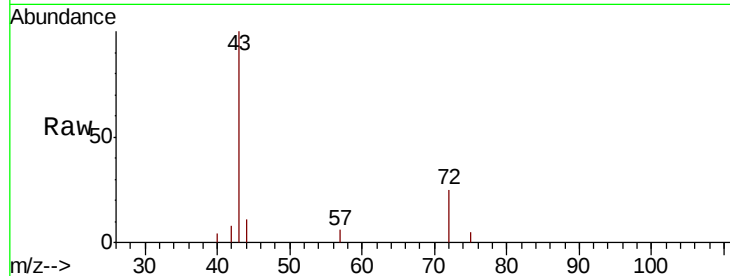
RAV-GT-103-TRAFILER-EFFLUENT-

Tot Ion: 43 Resp: 8887

Ion Ratio Lower Upper

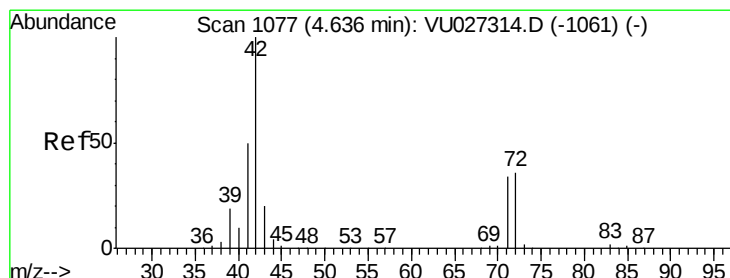
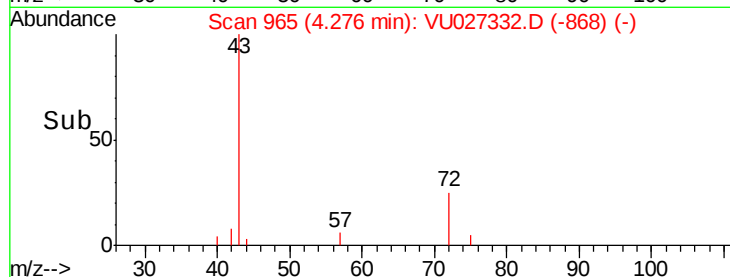
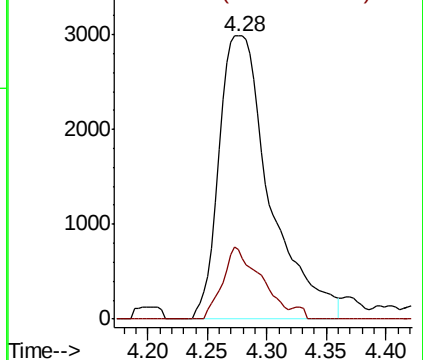
43 100

72 24.6 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#29

Tetrahydrofuran

Concen: 38.283 ug/l

RT: 4.64 min Scan# 1079

Delta R.T. 0.01 min

Lab File: VU027332.D

Acq: 01 Oct 2018 20:43

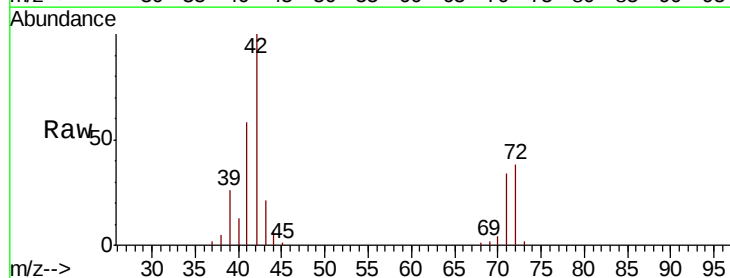
Tgt Ion: 42 Resp: 32259

Ion Ratio Lower Upper

42 100

72 36.5 30.1 45.1

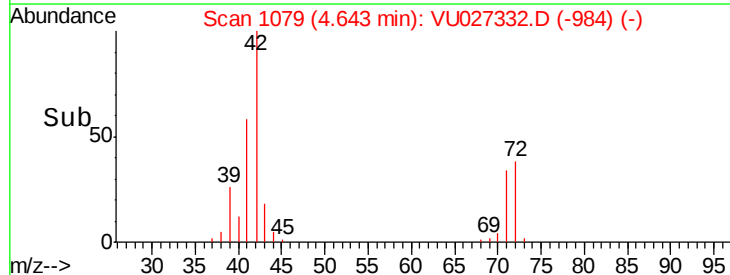
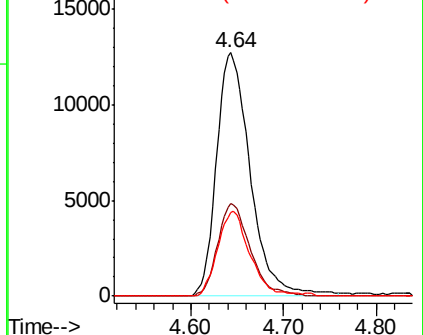
71 32.9 27.7 41.5

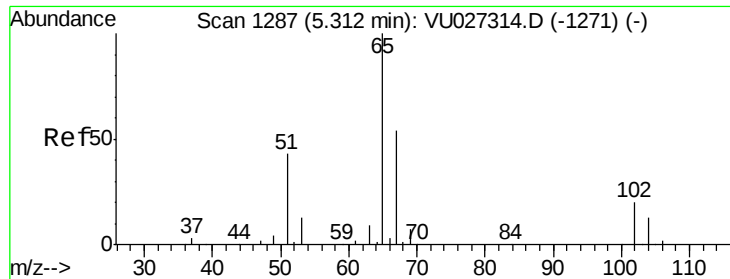


Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0

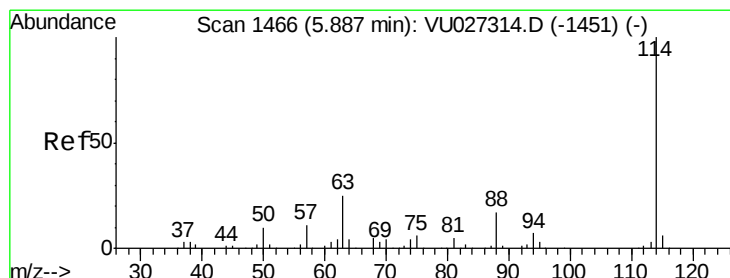
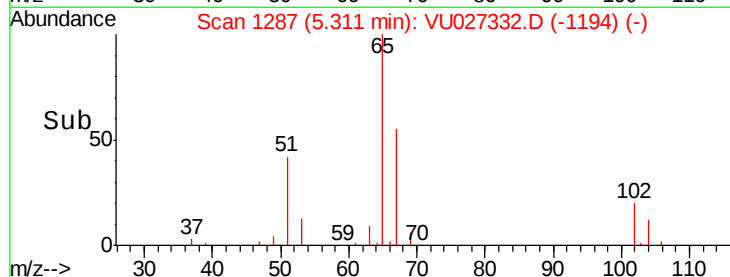
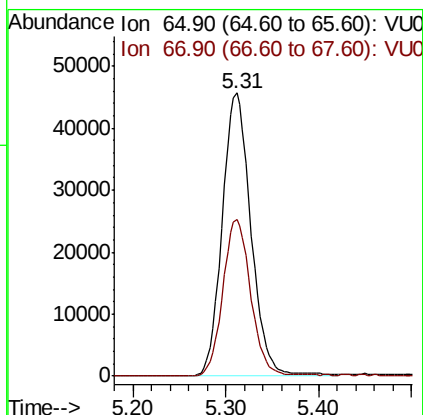
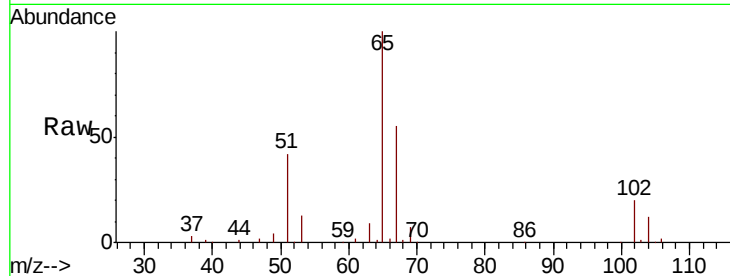




#33
 1,2-Dichloroethane-d4
 Concen: 59.195 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027332.D
 Acq: 01 Oct 2018 20:43

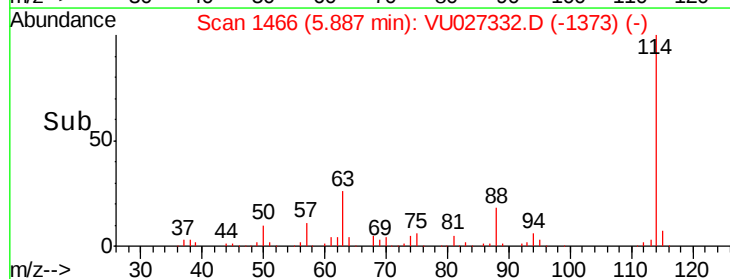
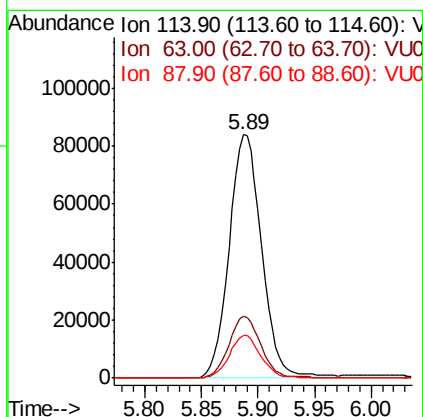
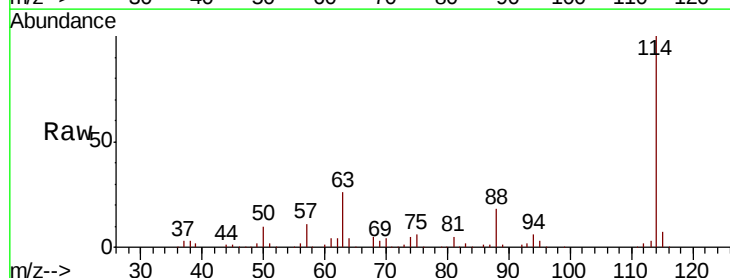
Instrument :
 MSVOA_U
 ClientSampleId :
 RAV-GT-103-TRAFILER-EFFLUENT-

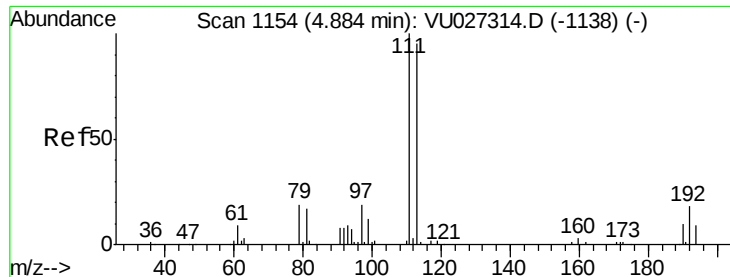
Tot Ion: 65 Resp: 98249
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027332.D
 Acq: 01 Oct 2018 20:43

Tgt Ion: 114 Resp: 168188
 Ion Ratio Lower Upper
 114 100
 63 25.5 0.0 50.2
 88 17.5 0.0 33.8

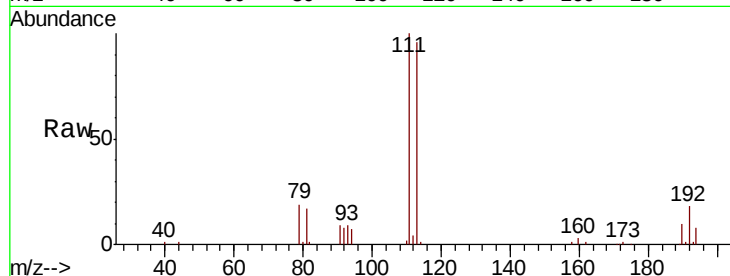




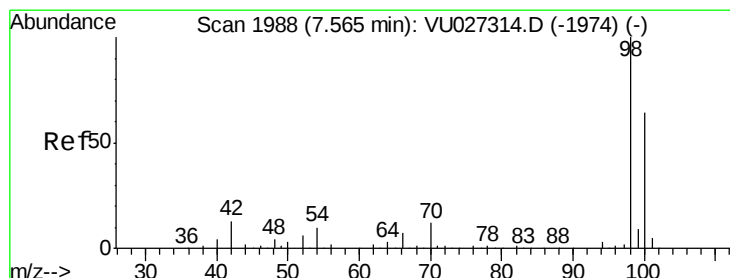
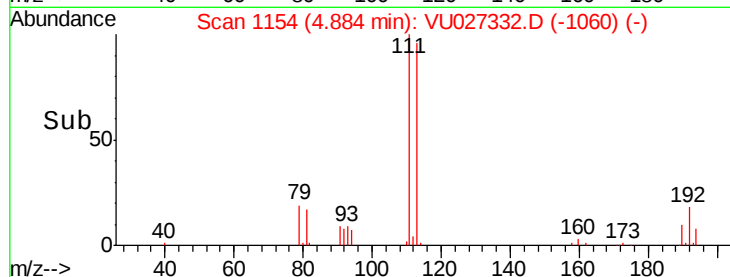
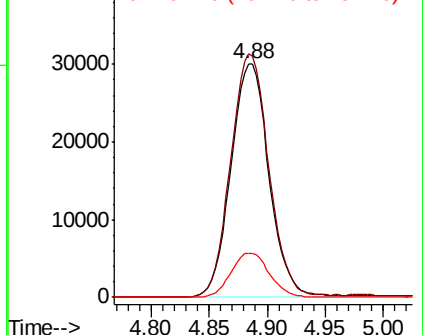
#35
 Dibromofluoromethane
 Concen: 59.648 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027332.D
 Acq: 01 Oct 2018 20:43

Instrument :
 MSVOA_U
 ClientSampleId :
 RAV-GT-103-TRAFILER-EFFLUENT-

Tot Ion:113 Resp: 68753
 Ion Ratio Lower Upper
 113 100
 111 104.4 83.1 124.7
 192 19.1 15.4 23.0

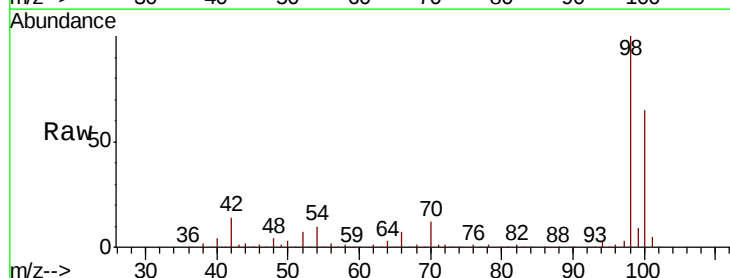


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

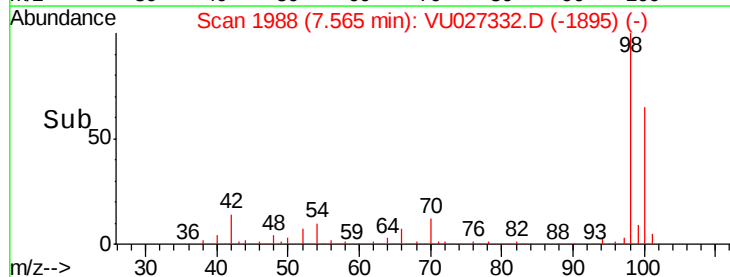
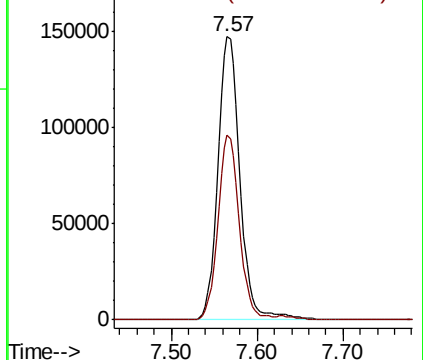


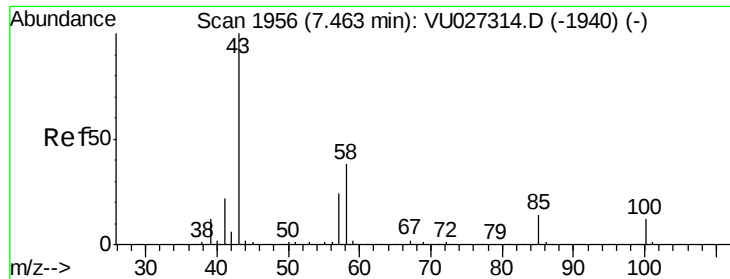
#50
 Toluene-d8
 Concen: 61.006 ug/l
 RT: 7.57 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VU027332.D
 Acq: 01 Oct 2018 20:43

Tgt Ion: 98 Resp: 263181
 Ion Ratio Lower Upper
 98 100
 100 62.9 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU





#51

4-Methyl-2-Pentanone

Concen: 1.229 ug/l

RT: 7.47 min Scan# 1958

Delta R.T. 0.01 min

Lab File: VU027332.D

Acq: 01 Oct 2018 20:43

Instrument :

MSVOA_U

ClientSampleId :

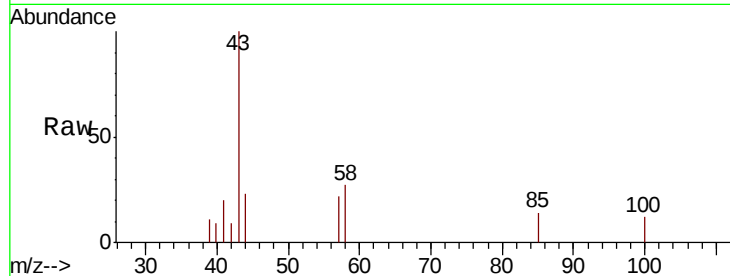
RAV-GT-103-TRAFILER-EFFLUENT-

Tot Ion: 43 Resp: 2927

Ion Ratio Lower Upper

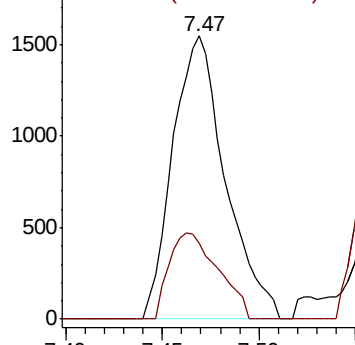
43 100

58 28.4 29.8 44.8#

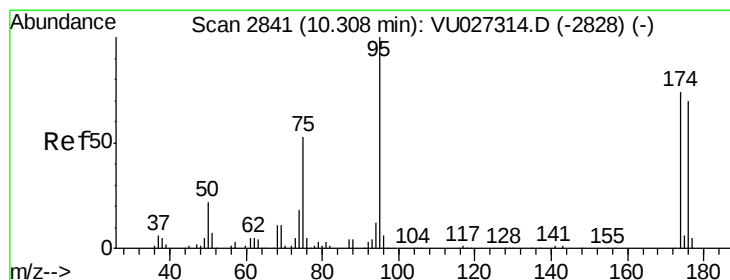
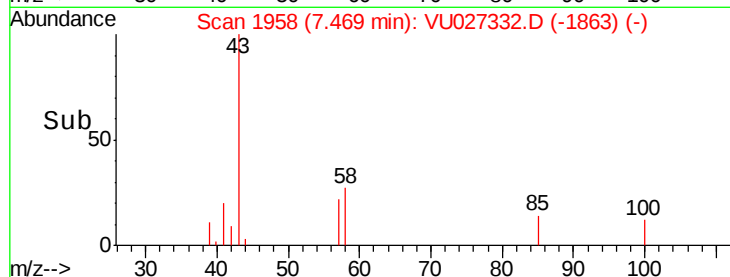


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



Time--> 7.40 7.45 7.50



#62

4-Bromofluorobenzene

Concen: 55.640 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027332.D

Acq: 01 Oct 2018 20:43

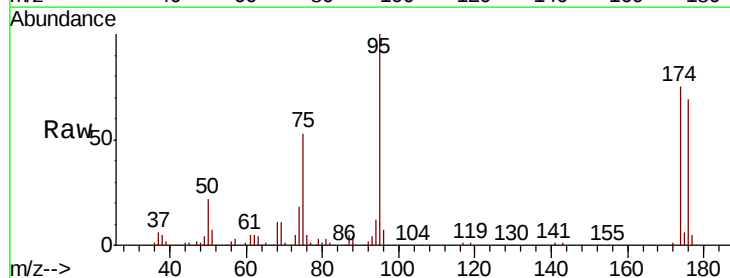
Tgt Ion: 95 Resp: 89205

Ion Ratio Lower Upper

95 100

174 73.9 0.0 147.8

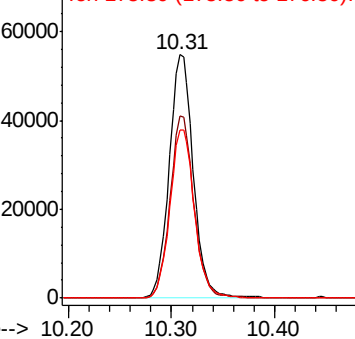
176 70.2 0.0 140.8



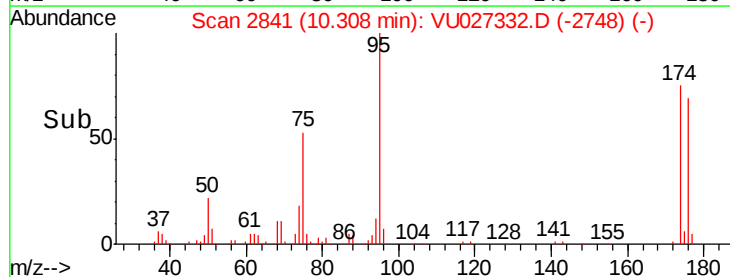
Abundance Ion 94.90 (94.60 to 95.60): VU0

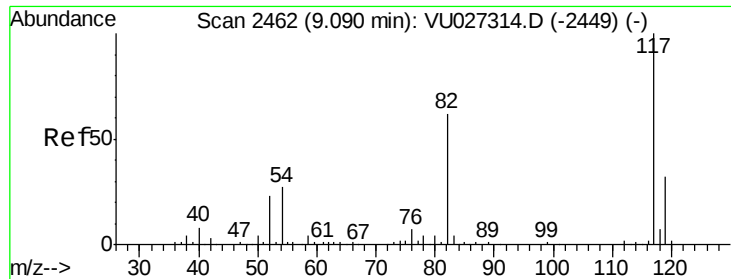
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time--> 10.20 10.30 10.40

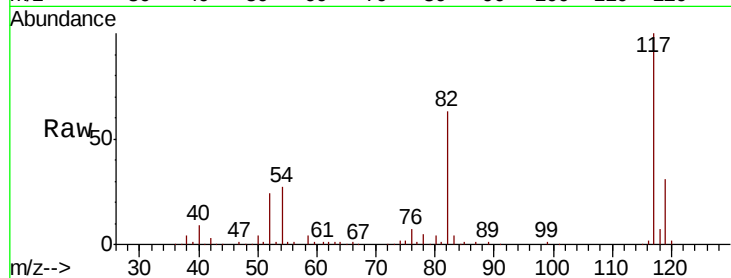




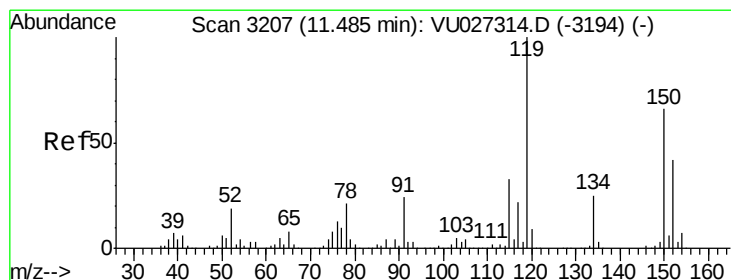
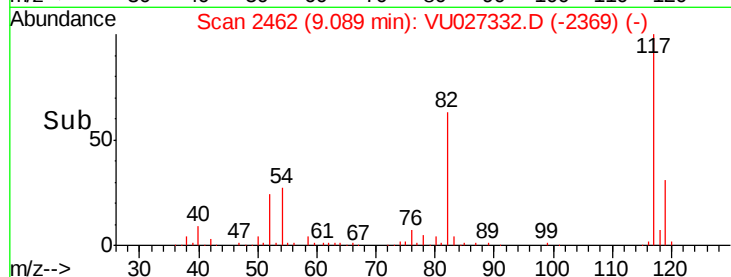
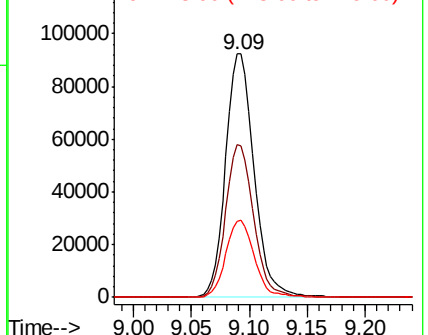
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027332.D
Acq: 01 Oct 2018 20:43

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RAV-GT-103-TRAFILER-EFFLUENT-

Tot Ion:117 Resp: 157567
Ion Ratio Lower Upper
117 100
82 62.6 49.2 73.8
119 31.4 25.7 38.5

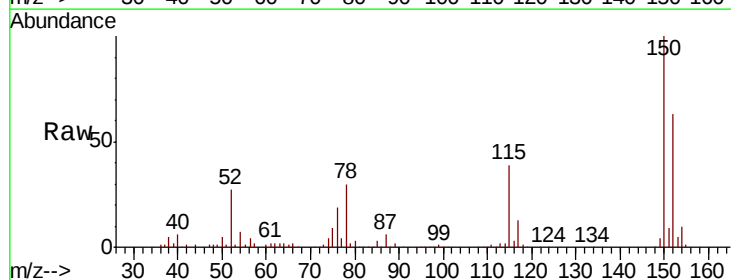


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

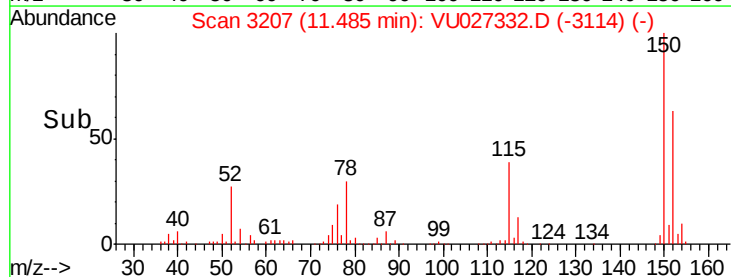
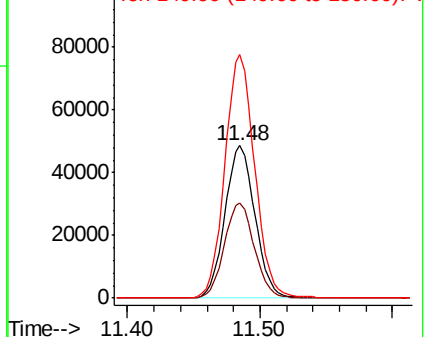


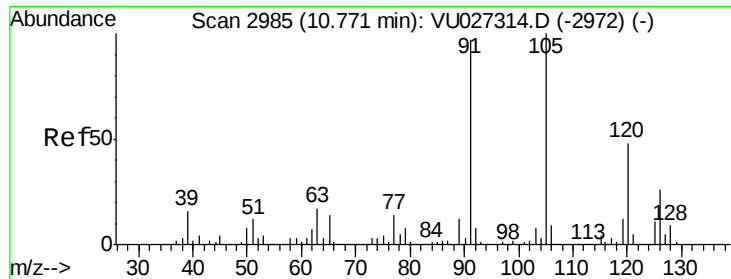
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027332.D
Acq: 01 Oct 2018 20:43

Tgt Ion:152 Resp: 76460
Ion Ratio Lower Upper
152 100
115 62.3 43.4 130.2
150 158.7 0.0 349.2



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

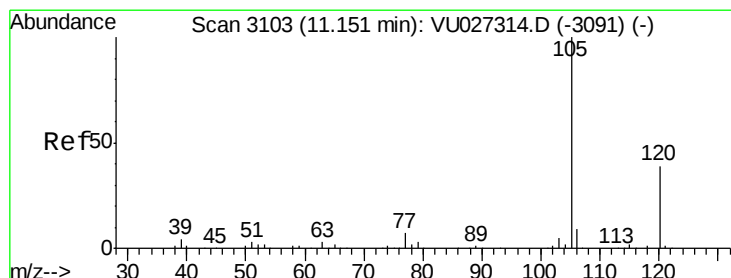
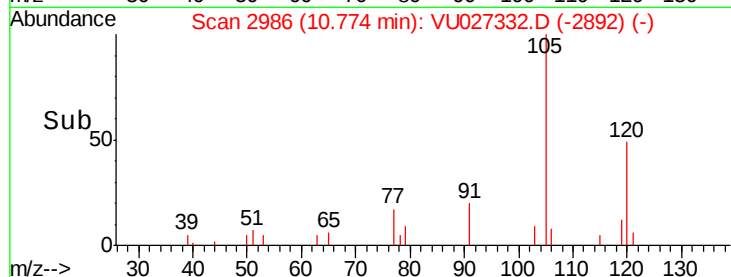
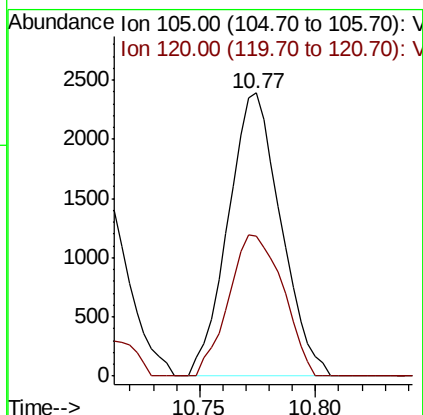
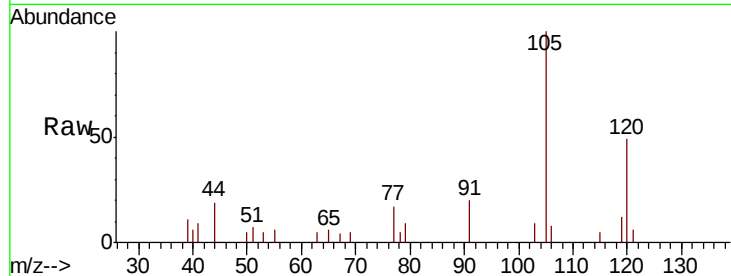




#80
 1,3,5-Trimethylbenzene
 Concen: 0.835 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU027332.D
 Acq: 01 Oct 2018 20:43

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Tot Ion:105 Resp: 3773
 Ion Ratio Lower Upper
 105 100
 120 51.4 24.1 72.4



#84
 1,2,4-Trimethylbenzene
 Concen: 1.370 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU027332.D
 Acq: 01 Oct 2018 20:43

Tgt Ion:105 Resp: 6329
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.1 66.5

