

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110218\
 Data File : VU027923.D
 Acq On : 02 Nov 2018 14:04
 Operator : MD/SY
 Sample : J5741-34
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-8

Quant Time: Nov 03 05:04:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

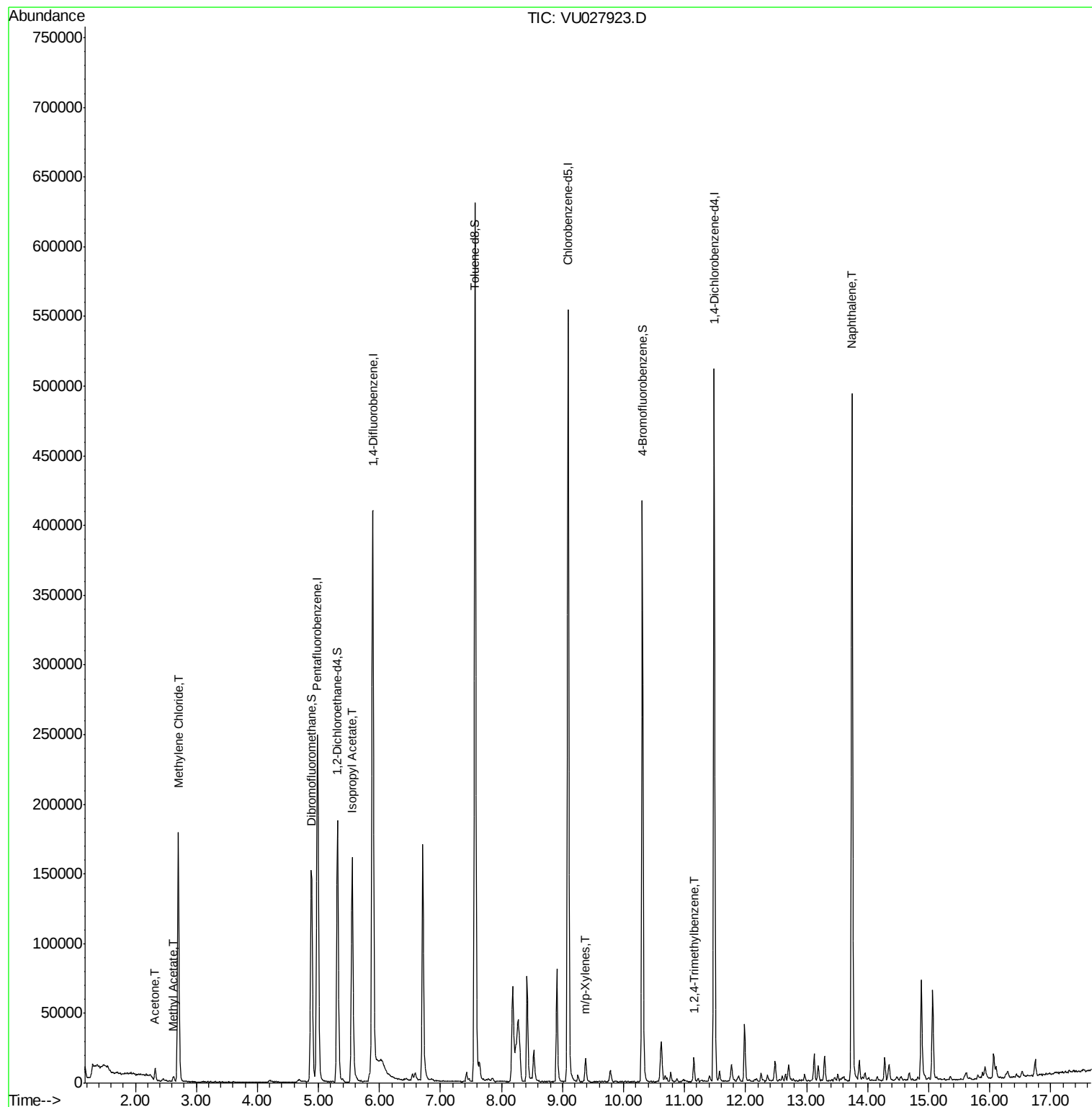
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	187293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	332245	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	295724	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	125758	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	144795	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	
35) Dibromofluoromethane	4.88	113	105114	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
50) Toluene-d8	7.57	98	424493	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	
62) 4-Bromofluorobenzene	10.31	95	139191	46.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.26%	
Target Compounds						
16) Acetone	2.32	43	8532	4.938	ug/l	97
18) Methyl Acetate	2.62	43	5263	1.107	ug/l	95
20) Methylene Chloride	2.70	84	74339	29.470	ug/l	98
43) Isopropyl Acetate	5.55	43	193512	24.226	ug/l	99
68) m/p-Xylenes	9.38	106	4980	1.193	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	9777	1.203	ug/l	98
95) Naphthalene	13.74	128	371080	35.922	ug/l	100

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

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QLast Update : Fri Nov 02 02:28:20 2018
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: VU027923.D

Acq: 02 Nov 2018 14:04

Instrument :

MSVOA_U

ClientSampleId :

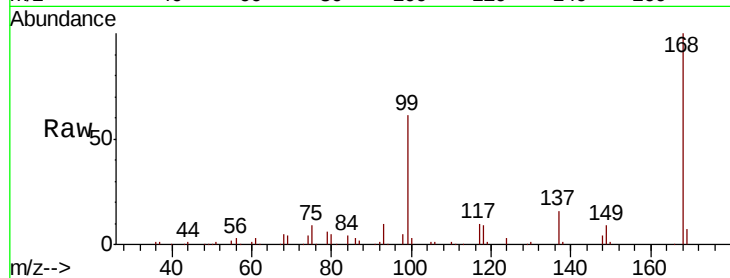
TP-8

Tot Ion:168 Resp: 187293

Ion Ratio Lower Upper

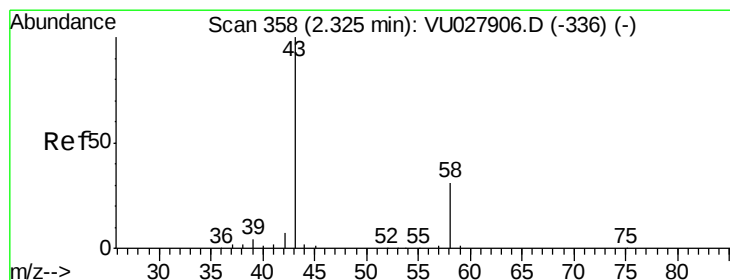
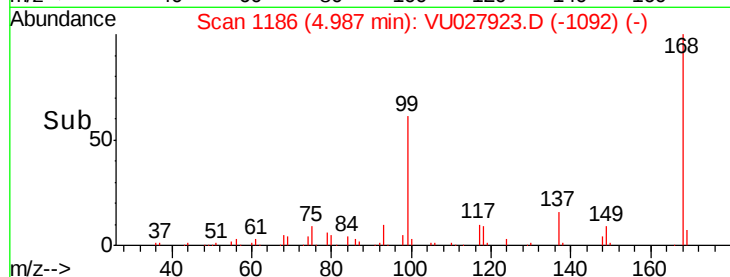
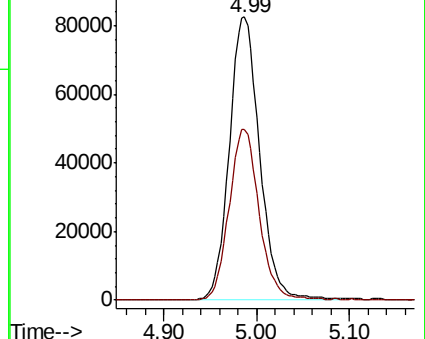
168 100

99 60.5 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VU027906.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU027923.D (-1092) (-)



#16

Acetone

Concen: 4.938 ug/l

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU027923.D

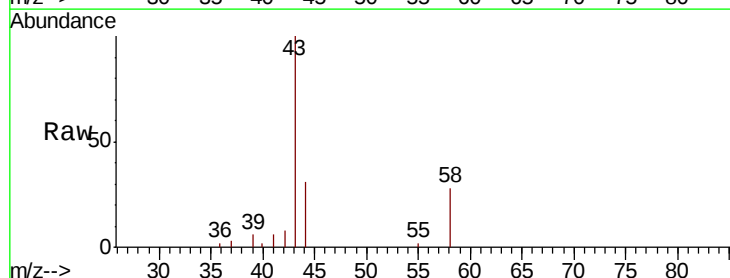
Acq: 02 Nov 2018 14:04

Tgt Ion: 43 Resp: 8532

Ion Ratio Lower Upper

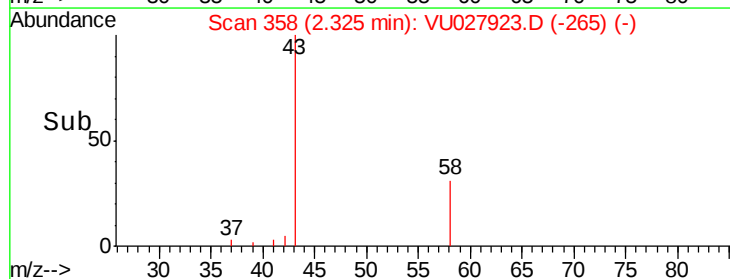
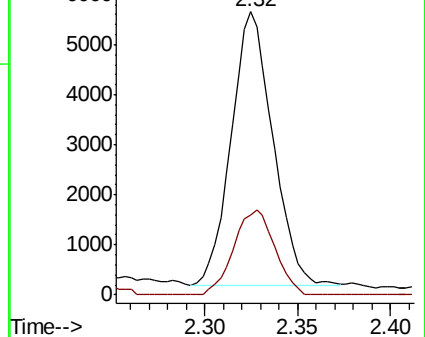
43 100

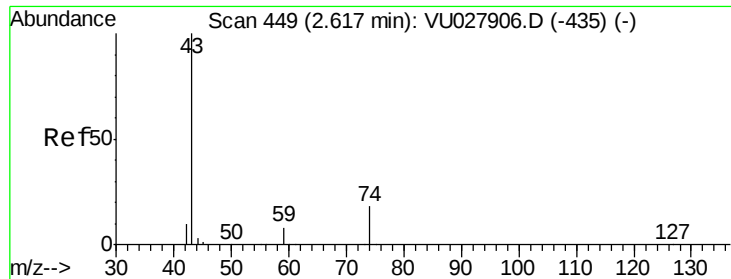
58 29.4 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-336) (-)

Ion 58.00 (57.70 to 58.70): VU027923.D (-265) (-)

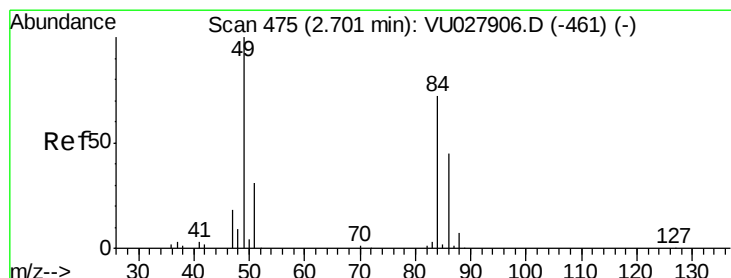
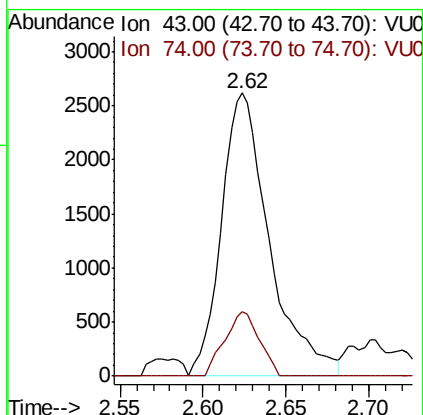
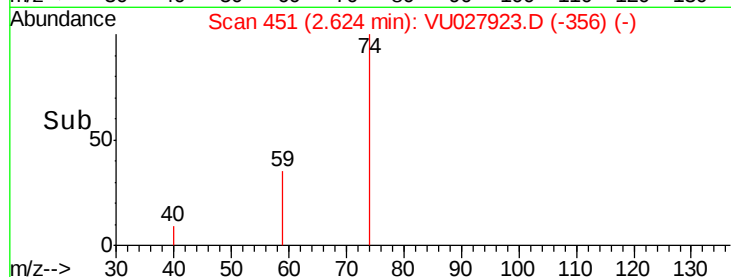
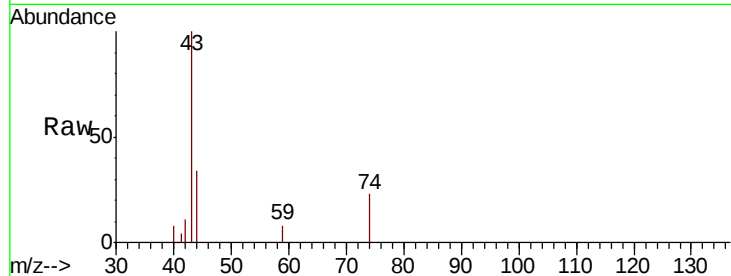




#18
Methyl Acetate
Concen: 1.107 ug/l
RT: 2.62 min Scan# 451
Delta R.T. 0.01 min
Lab File: VU027923.D
Acq: 02 Nov 2018 14:04

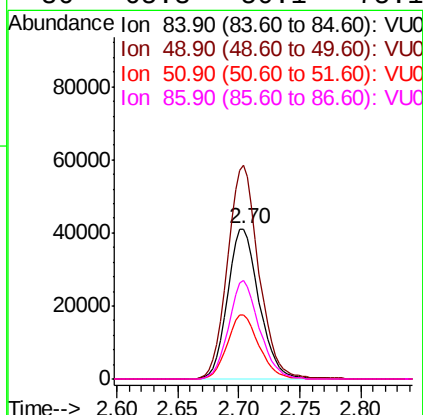
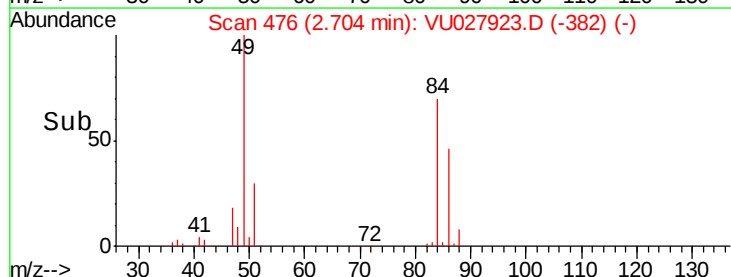
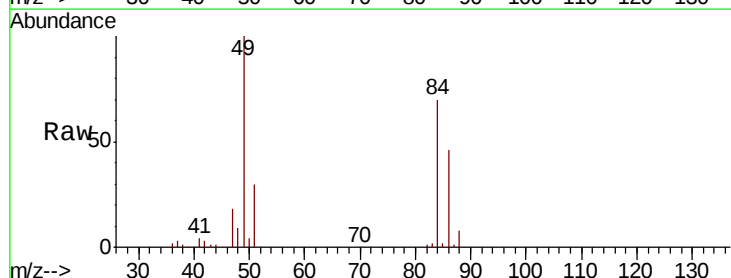
Instrument :
MSVOA_U
ClientSampleId :
TP-8

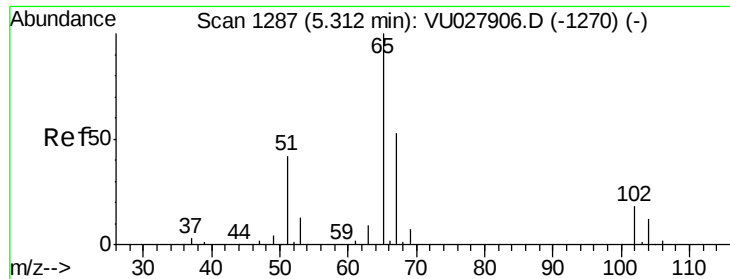
Tot Ion: 43 Resp: 5263
Ion Ratio Lower Upper
43 100
74 16.3 14.9 22.3



#20
Methylene Chloride
Concen: 29.470 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027923.D
Acq: 02 Nov 2018 14:04

Tgt Ion: 84 Resp: 74339
Ion Ratio Lower Upper
84 100
49 142.1 111.6 167.4
51 42.7 34.8 52.2
86 65.3 50.1 75.1





#33

1,2-Dichloroethane-d4

Concen: 51.999 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. -0.00 min

Lab File: VU027923.D

Acq: 02 Nov 2018 14:04

Instrument :

MSVOA_U

ClientSampleId :

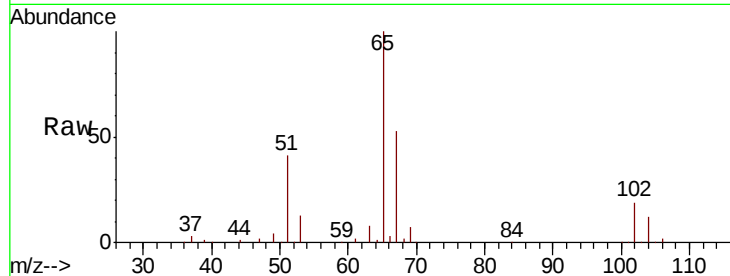
TP-8

Tot Ion: 65 Resp: 144795

Ion Ratio Lower Upper

65 100

67 54.1 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VU027906.D (-1270) (-)

Ion 66.90 (66.60 to 67.60): VU027906.D (-1270) (-)

5.31

60000

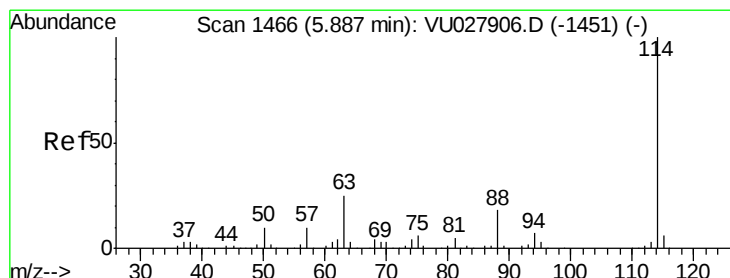
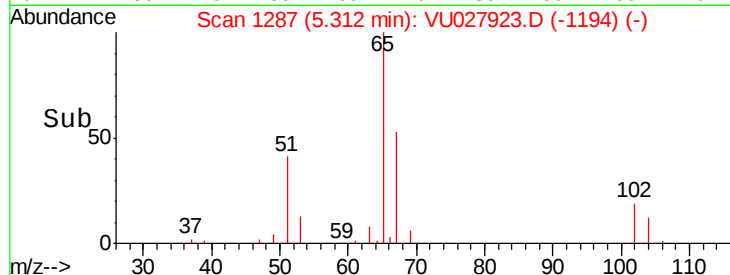
40000

20000

0

Time-->

5.20 5.30 5.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1467

Delta R.T. 0.00 min

Lab File: VU027923.D

Acq: 02 Nov 2018 14:04

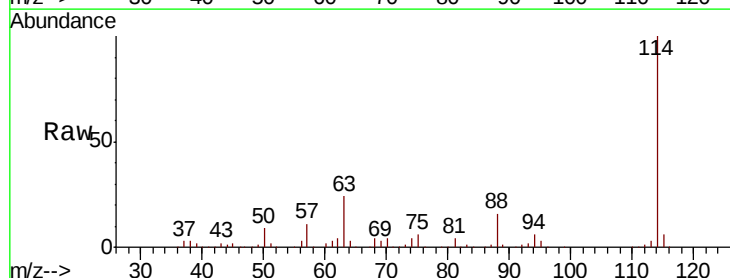
Tgt Ion: 114 Resp: 332245

Ion Ratio Lower Upper

114 100

63 24.2 0.0 50.8

88 16.5 0.0 35.8



Abundance Ion 113.90 (113.60 to 114.60): VU027906.D (-1451) (-)

Ion 63.00 (62.70 to 63.70): VU027906.D (-1451) (-)

Ion 87.90 (87.60 to 88.60): VU027906.D (-1451) (-)

5.89

200000

150000

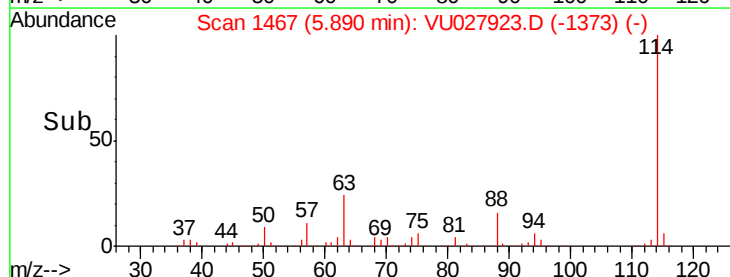
100000

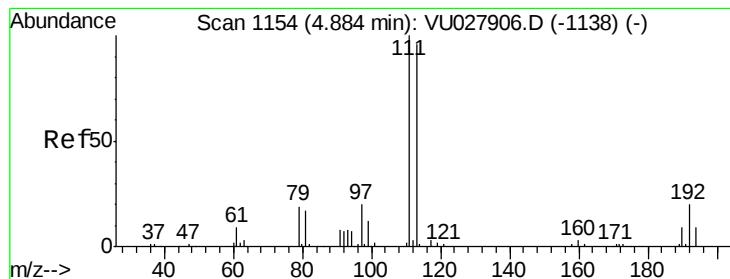
50000

0

Time-->

5.80 5.90 6.00





#35

Dibromofluoromethane

Concen: 50.177 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. -0.00 min

Lab File: VU027923.D

Acq: 02 Nov 2018 14:04

Instrument :
MSVOA_U
ClientSampled :
TP-8

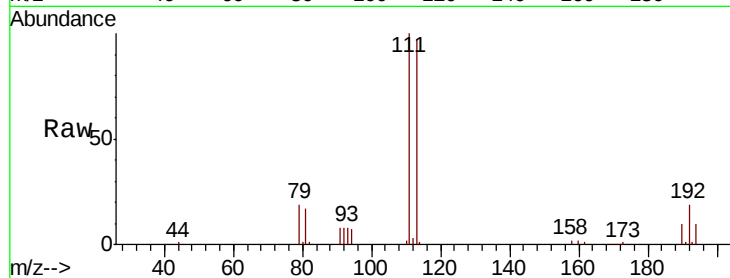
Tot Ion:113 Resp: 105114

Ion Ratio Lower Upper

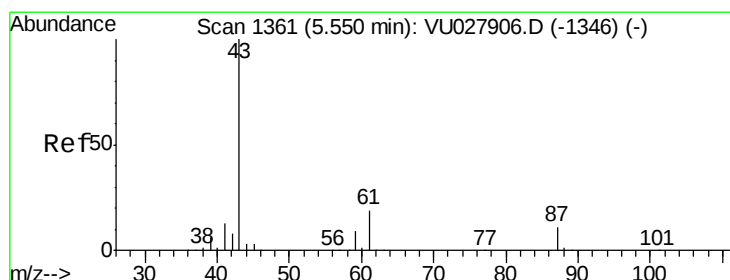
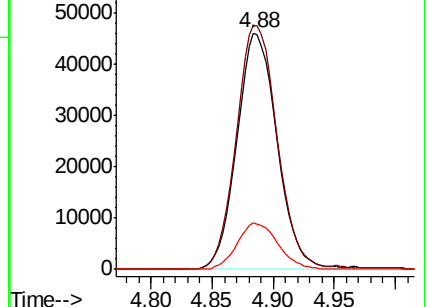
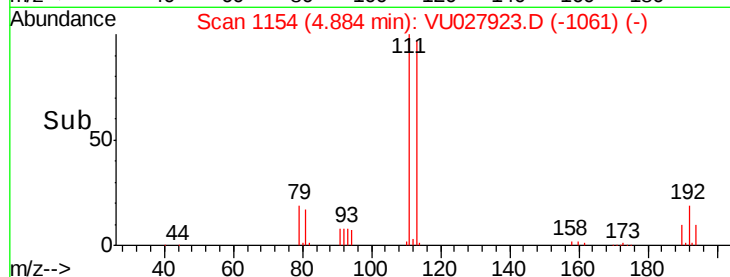
113 100

111 104.5 83.0 124.6

192 19.8 15.6 23.4



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



#43

Isopropyl Acetate

Concen: 24.226 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VU027923.D

Acq: 02 Nov 2018 14:04

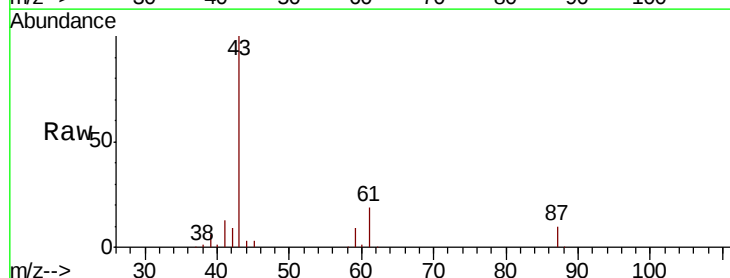
Tgt Ion: 43 Resp: 193512

Ion Ratio Lower Upper

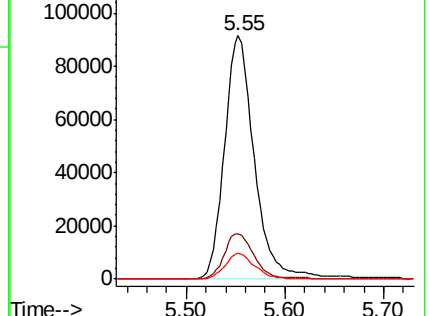
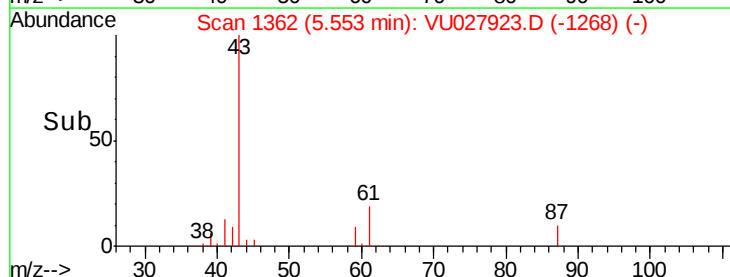
43 100

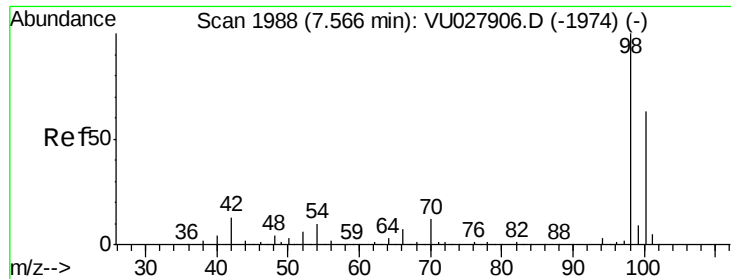
61 18.5 15.0 22.4

87 10.4 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 87.00 (86.70 to 87.70): VU0

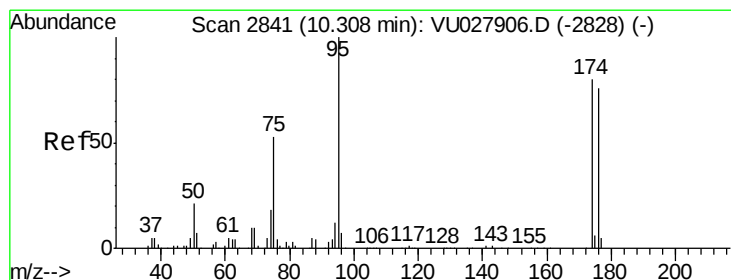
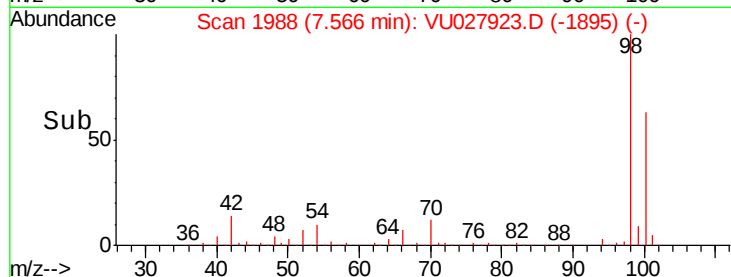
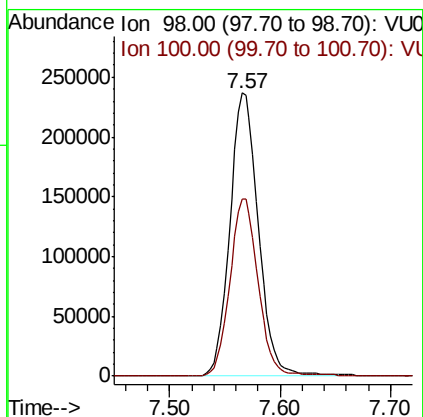
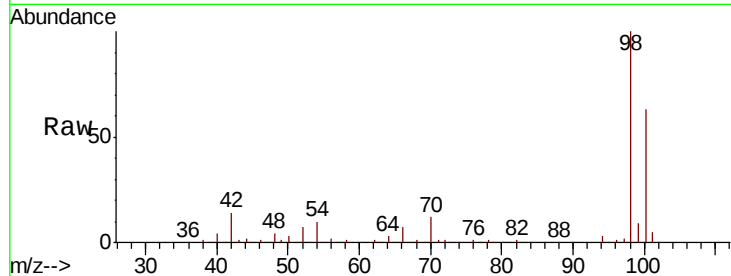




#50
Toluene-d8
Concen: 52.457 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027923.D
Acq: 02 Nov 2018 14:04

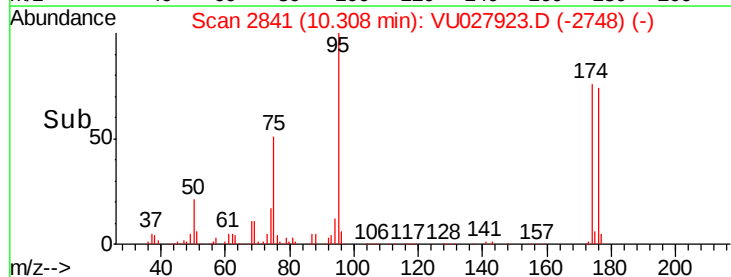
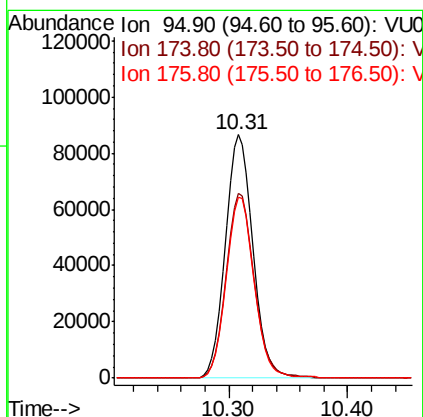
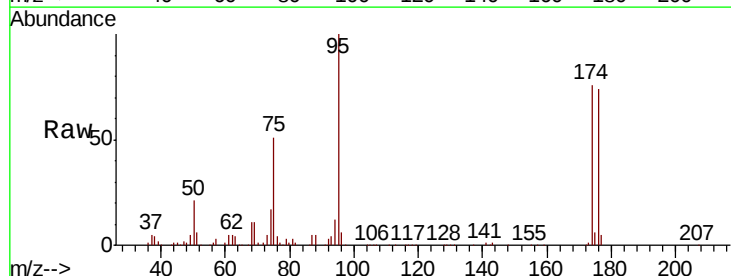
Instrument :
MSVOA_U
ClientSampled :
TP-8

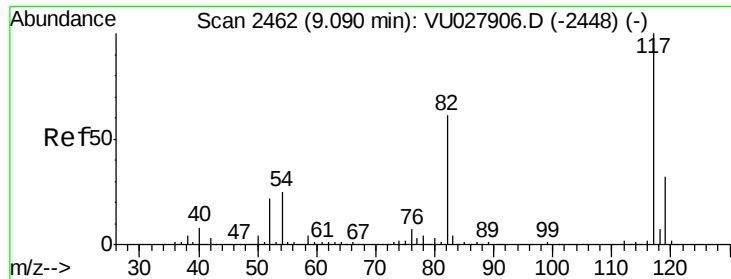
Tot Ion: 98 Resp: 424493
Ion Ratio Lower Upper
98 100
100 62.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 46.634 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU027923.D
Acq: 02 Nov 2018 14:04

Tgt Ion: 95 Resp: 139191
Ion Ratio Lower Upper
95 100
174 77.5 0.0 156.4
176 75.6 0.0 150.8

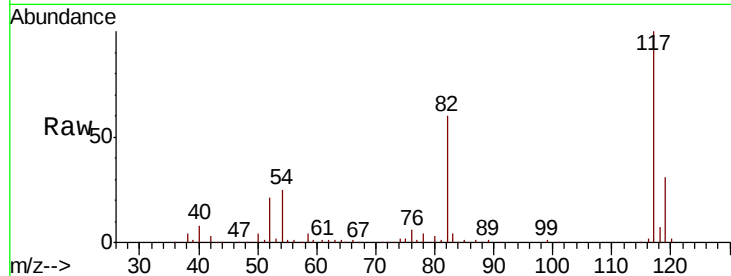




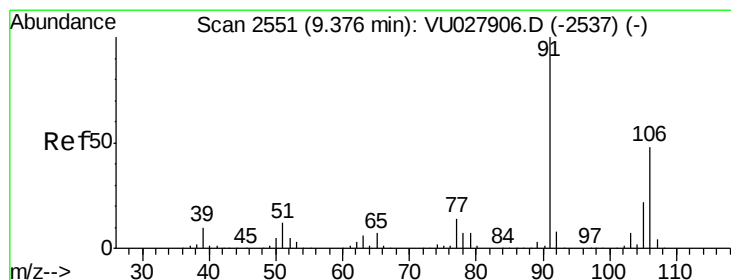
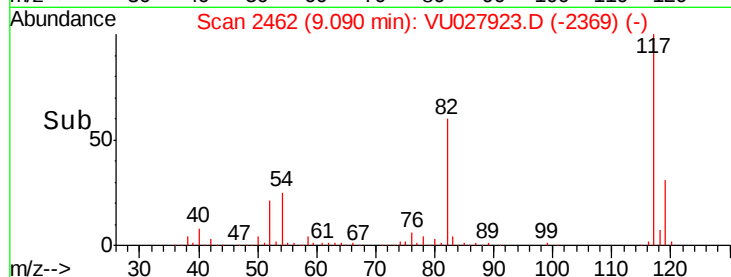
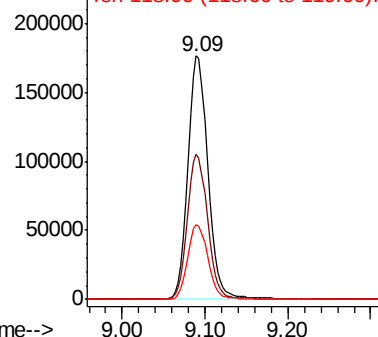
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027923.D
Acq: 02 Nov 2018 14:04

Instrument :
MSVOA_U
ClientSampleId :
TP-8

Tot Ion:117 Resp: 295724
Ion Ratio Lower Upper
117 100
82 59.7 48.6 73.0
119 30.9 25.8 38.8

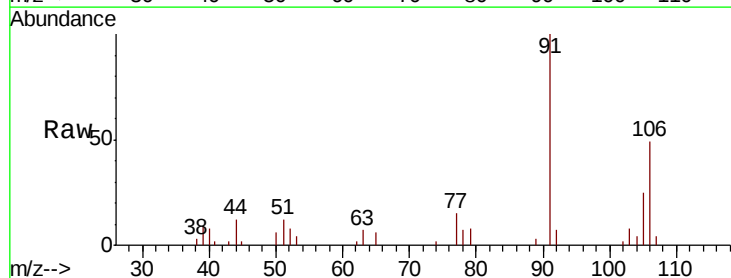


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

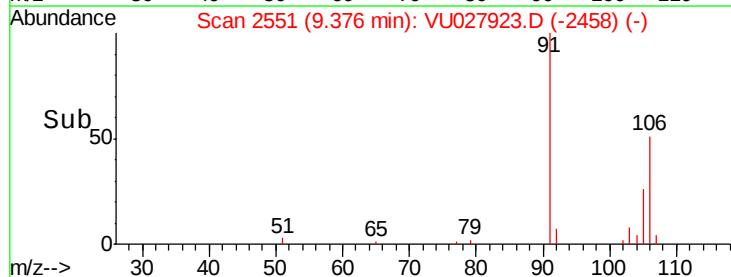
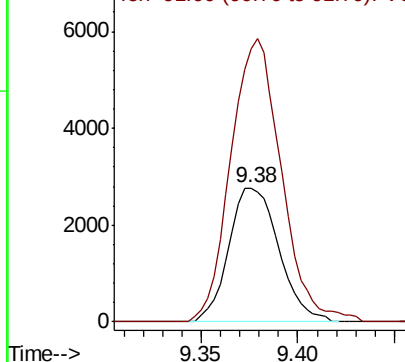


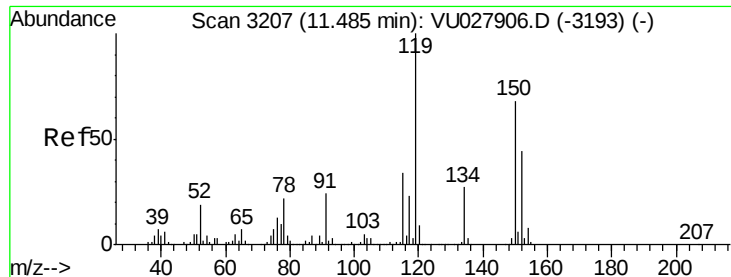
#68
m/p-Xylenes
Concen: 1.193 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. -0.00 min
Lab File: VU027923.D
Acq: 02 Nov 2018 14:04

Tgt Ion:106 Resp: 4980
Ion Ratio Lower Upper
106 100
91 213.9 168.2 252.4



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0



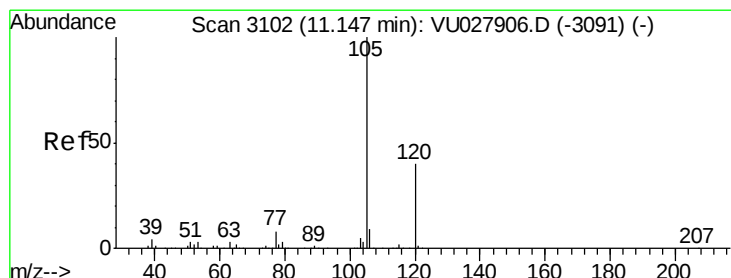
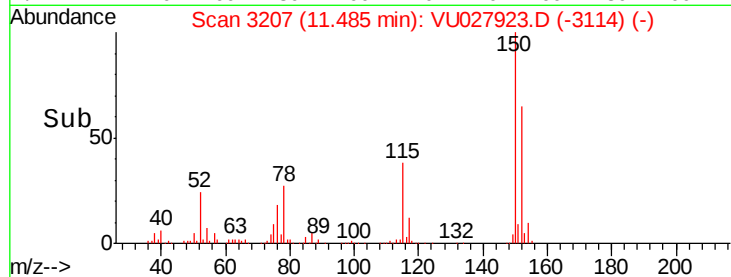
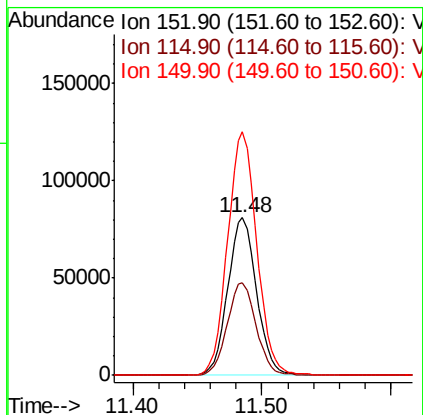
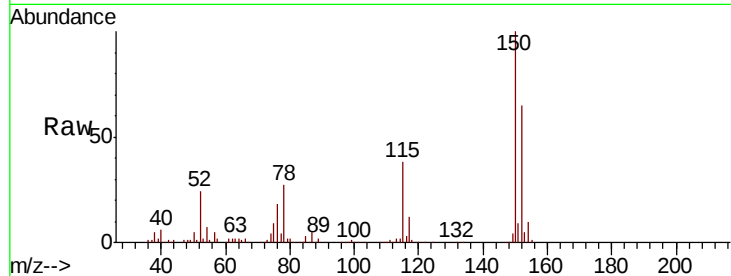


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027923.D
Acq: 02 Nov 2018 14:04

Instrument :
MSVOA_U
ClientSampleId :
TP-8

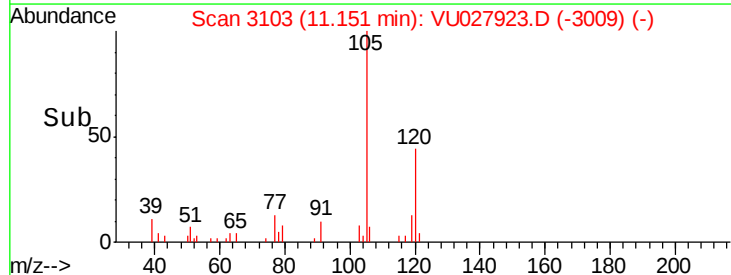
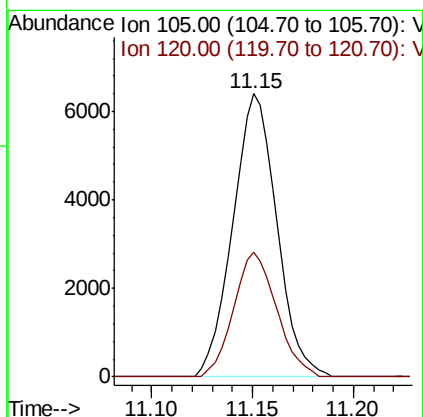
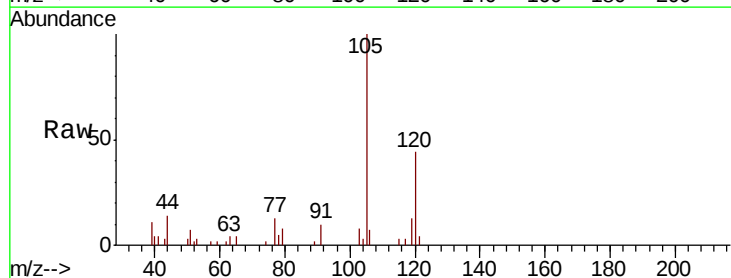
Tot Ion	Ratio	Lower	Upper
152	100		
115	59.0	43.0	129.0
150	155.9	0.0	349.4

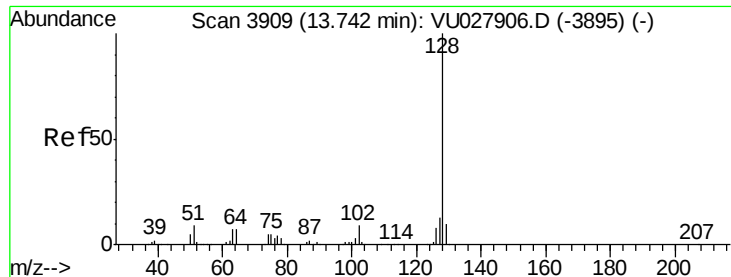


#84

1,2,4-Trimethylbenzene
Concen: 1.203 ug/l
RT: 11.15 min Scan# 3103
Delta R.T. 0.00 min
Lab File: VU027923.D
Acq: 02 Nov 2018 14:04

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.9	22.1	66.1





#95
Naphthalene
Concen: 35.922 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027923.D
Acq: 02 Nov 2018 14:04

Instrument :
MSVOA_U
ClientSampleId :
TP-8

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.8	8.3	12.5

