

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070318\
 Data File : VU025199.D
 Acq On : 03 Jul 2018 19:15
 Operator : MD/SY
 Sample : J3840-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-6-S

Quant Time: Jul 04 06:32:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	200092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	303117	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	278852	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	147526	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	153222	46.91	ug/l	0.00
Spiked Amount			Recovery	=	93.82%	
35) Dibromofluoromethane	4.89	113	117879	46.86	ug/l	0.00
Spiked Amount			Recovery	=	93.72%	
50) Toluene-d8	7.57	98	433791	47.27	ug/l	0.00
Spiked Amount			Recovery	=	94.54%	
62) 4-Bromofluorobenzene	10.31	95	161117	44.22	ug/l	0.00
Spiked Amount			Recovery	=	88.44%	

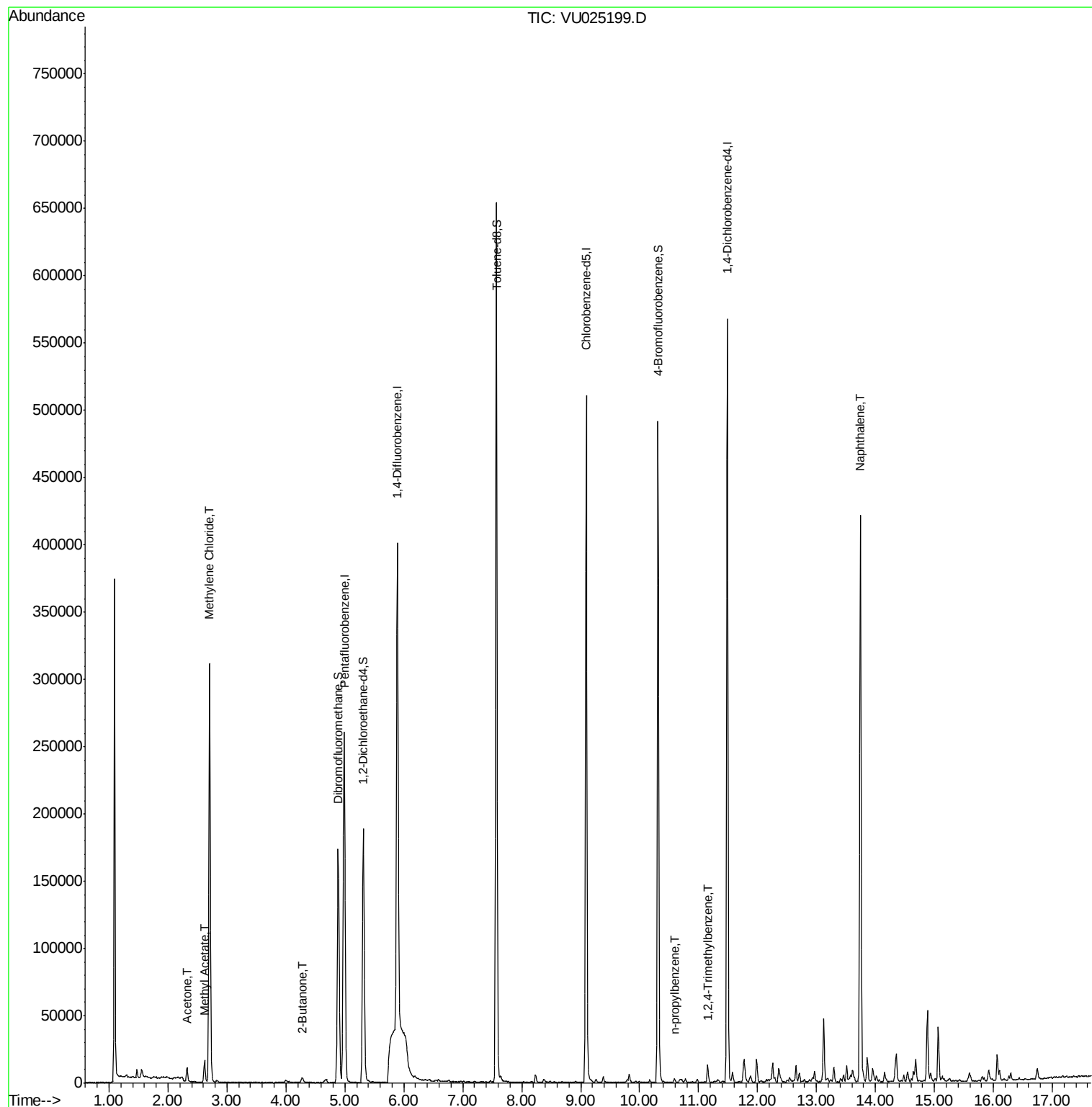
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	10384	5.916	ug/l	96
18) Methyl Acetate	2.62	43	19529	5.190	ug/l	99
20) Methylene Chloride	2.71	84	138126	50.157	ug/l	97
25) 2-Butanone	4.27	43	6641	2.817	ug/l	95
78) n-propylbenzene	10.60	91	2763	0.207	ug/l	95
84) 1,2,4-Trimethylbenzene	11.15	105	6936	0.693	ug/l	96
95) Naphthalene	13.74	128	328820	30.580	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025199.D

Acq: 03 Jul 2018 19:15

Instrument :

MSVOA_U

ClientSampleId :

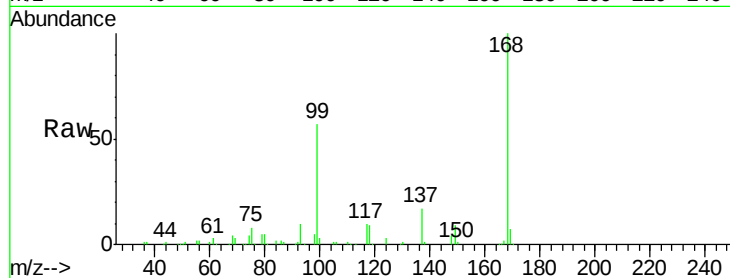
TP-6-S

Tot Ion:168 Resp: 200092

Ion Ratio Lower Upper

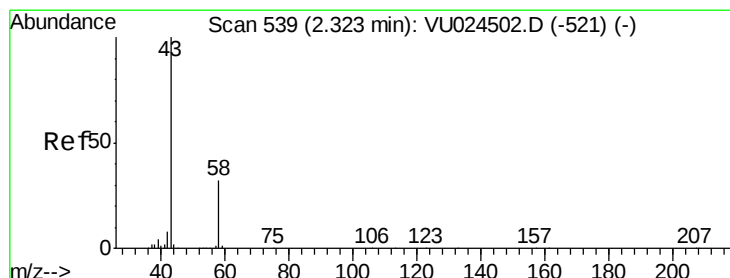
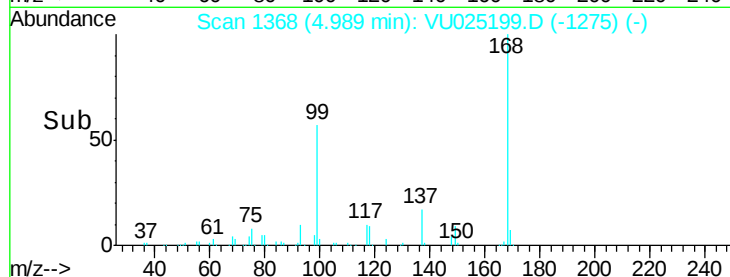
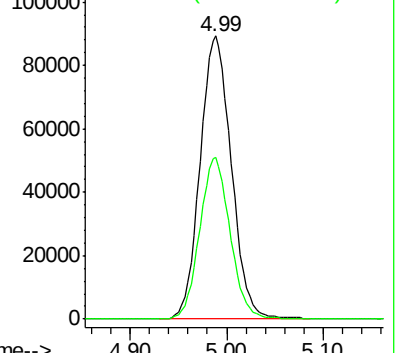
168 100

99 57.2 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#16

Acetone

Concen: 5.916 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU025199.D

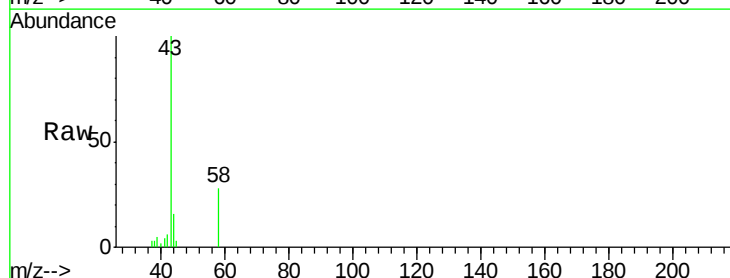
Acq: 03 Jul 2018 19:15

Tgt Ion: 43 Resp: 10384

Ion Ratio Lower Upper

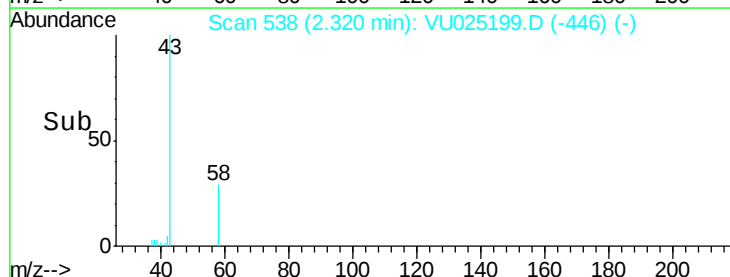
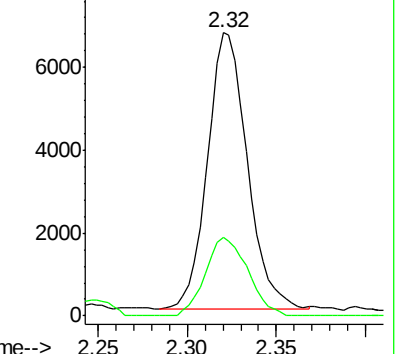
43 100

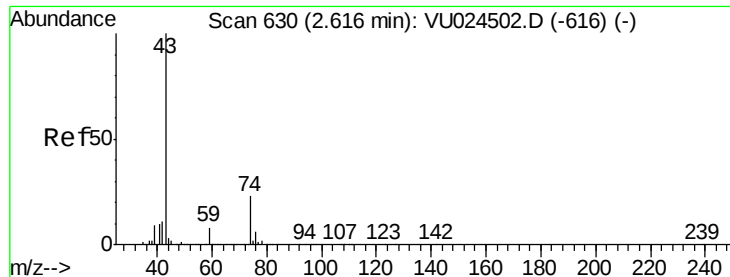
58 28.2 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

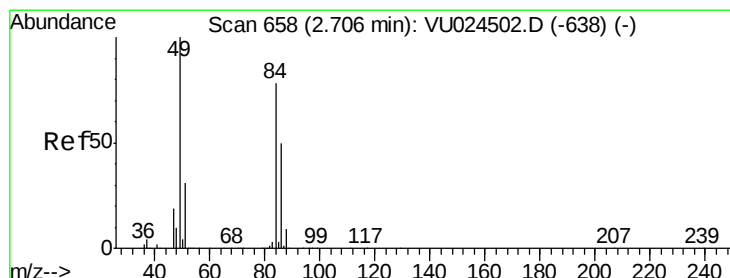
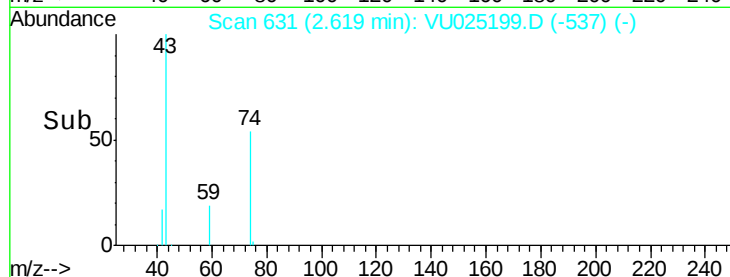
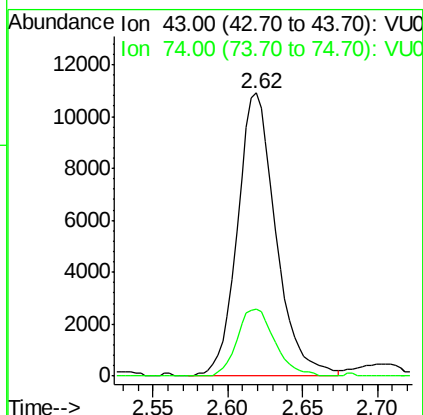
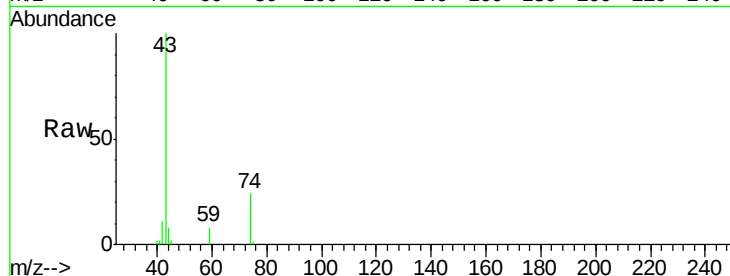




#18
Methvl Acetate
Concen: 5.190 ug/l
RT: 2.62 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU025199.D
Acq: 03 Jul 2018 19:15

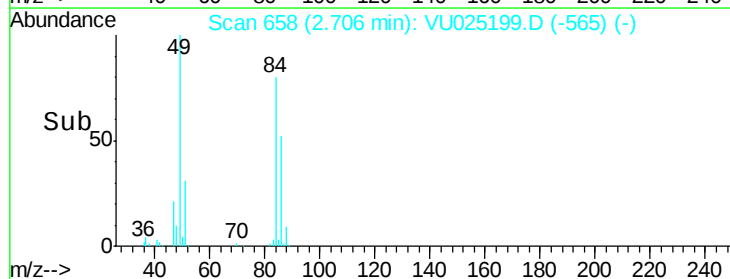
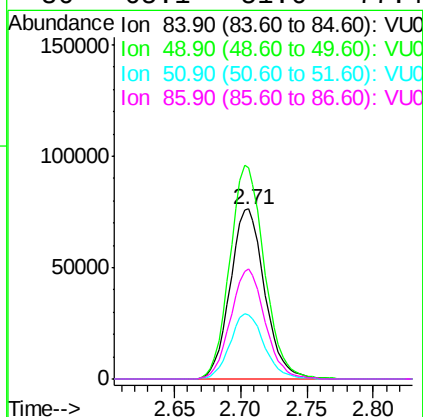
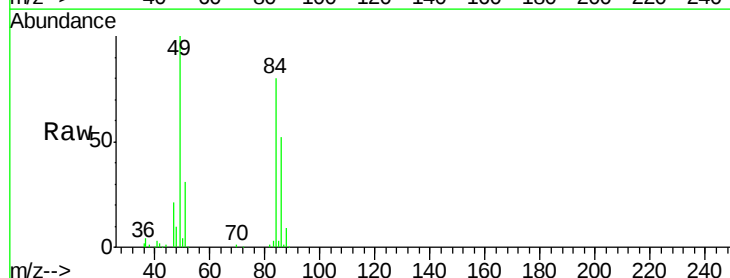
Instrument :
MSVOA_U
ClientSampleId :
TP-6-S

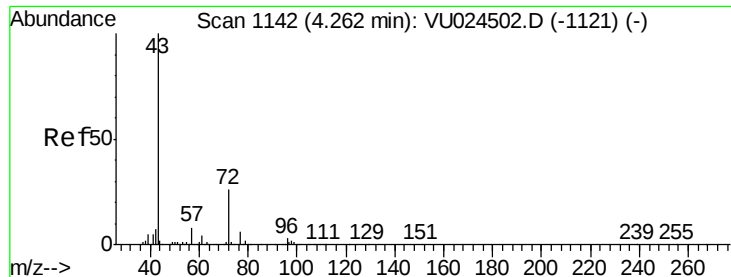
Tot Ion: 43 Resp: 19529
Ion Ratio Lower Upper
43 100
74 23.2 18.0 27.0



#20
Methylene Chloride
Concen: 50.157 ug/l
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: VU025199.D
Acq: 03 Jul 2018 19:15

Tgt Ion: 84 Resp: 138126
Ion Ratio Lower Upper
84 100
49 124.5 103.8 155.8
51 38.0 32.0 48.0
86 65.1 51.6 77.4

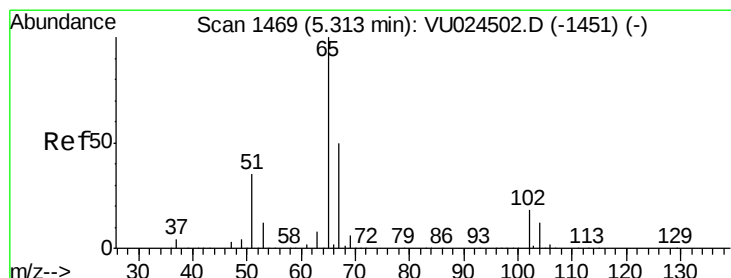
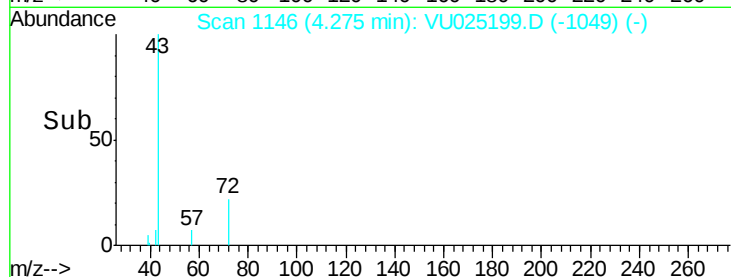
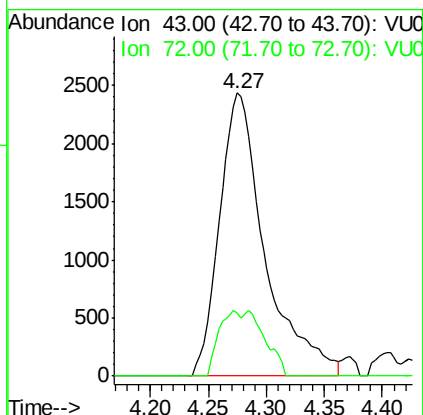
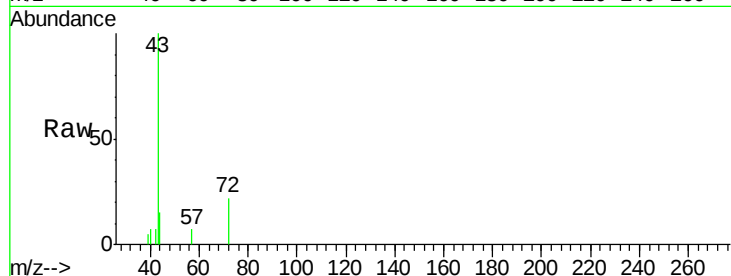




#25
2-Butanone
Concen: 2.817 ug/l
RT: 4.27 min Scan# 1146
Delta R.T. 0.01 min
Lab File: VU025199.D
Acq: 03 Jul 2018 19:15

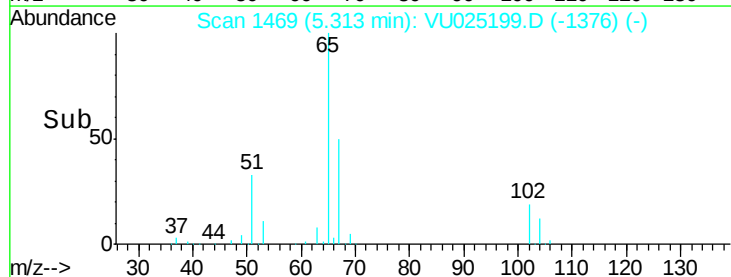
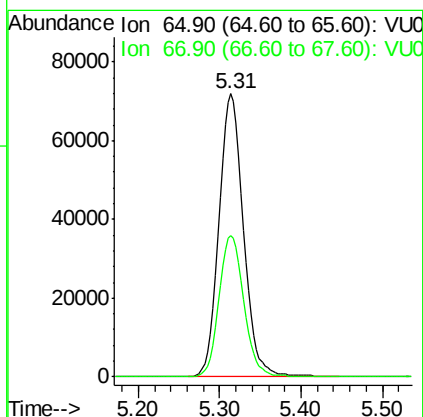
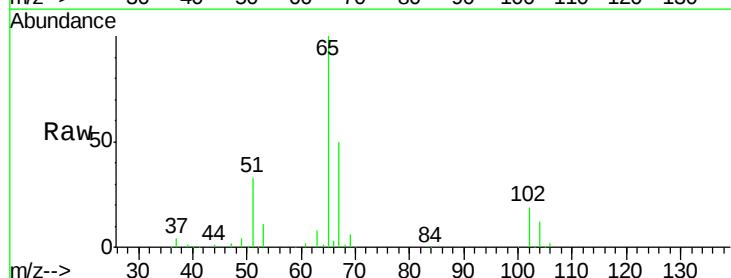
Instrument :
MSVOA_U
ClientSampled :
TP-6-S

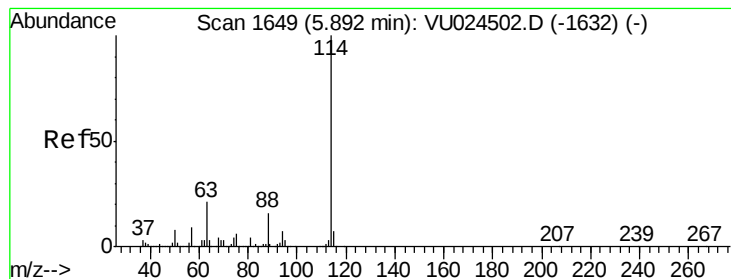
Tot Ion: 43 Resp: 6641
Ion Ratio Lower Upper
43 100
72 22.3 19.6 29.4



#33
1,2-Dichloroethane-d4
Concen: 46.906 ug/l
RT: 5.31 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VU025199.D
Acq: 03 Jul 2018 19:15

Tgt Ion: 65 Resp: 153222
Ion Ratio Lower Upper
65 100
67 50.7 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. 0.00 min

Lab File: VU025199.D

Acq: 03 Jul 2018 19:15

Instrument :

MSVOA_U

ClientSampleId :

TP-6-S

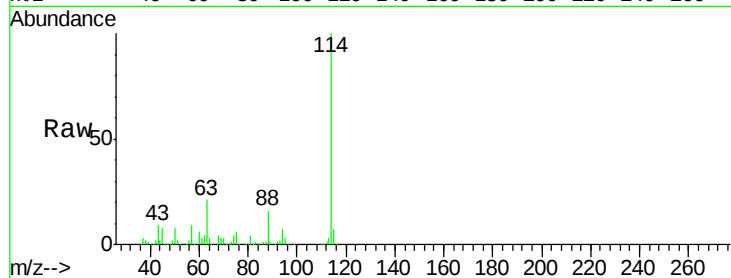
Tot Ion:114 Resp: 303117

Ion Ratio Lower Upper

114 100

63 21.3 0.0 45.4

88 16.4 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0

200000

150000

100000

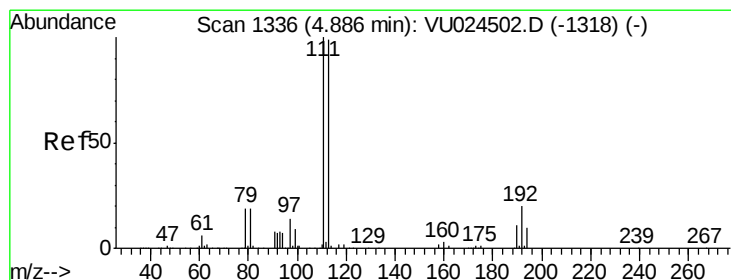
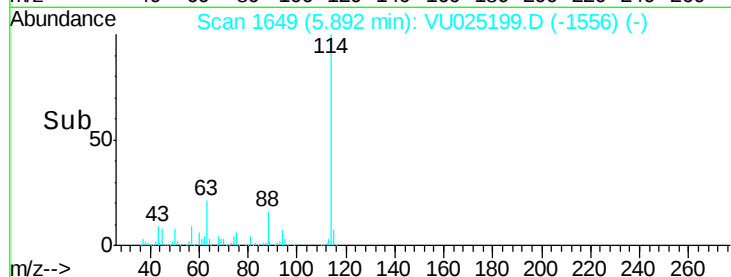
50000

0

5.89

5.80 5.85 5.90 5.95 6.00

Time-->



#35

Dibromofluoromethane

Concen: 46.859 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025199.D

Acq: 03 Jul 2018 19:15

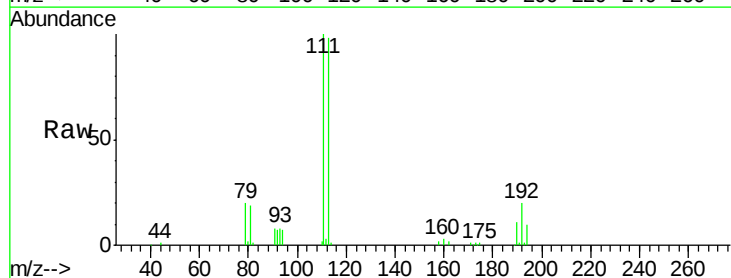
Tgt Ion:113 Resp: 117879

Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.4

192 20.9 16.2 24.4



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

60000

40000

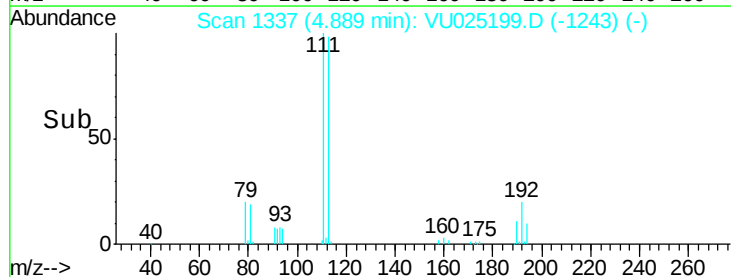
20000

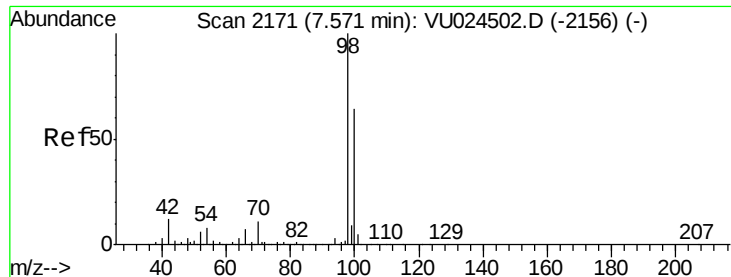
0

4.89

4.80 4.85 4.90 4.95 5.00

Time-->





#50

Toluene-d8

Concen: 47.274 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU025199.D

Acq: 03 Jul 2018 19:15

Instrument :

MSVOA_U

ClientSampleId :

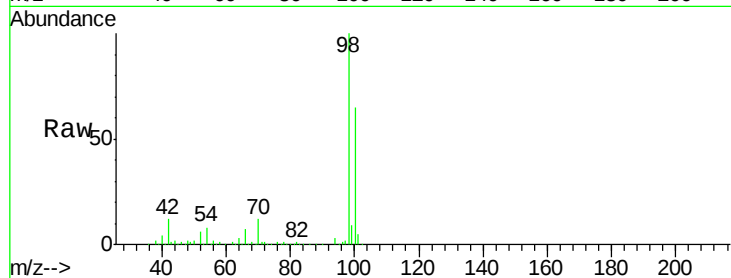
TP-6-S

Tot Ion: 98 Resp: 433791

Ion Ratio Lower Upper

98 100

100 63.7 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU024502.D (-2156) (-)

Ion 100.00 (99.70 to 100.70): VU024502.D (-2156) (-)

7.57

250000

200000

150000

100000

50000

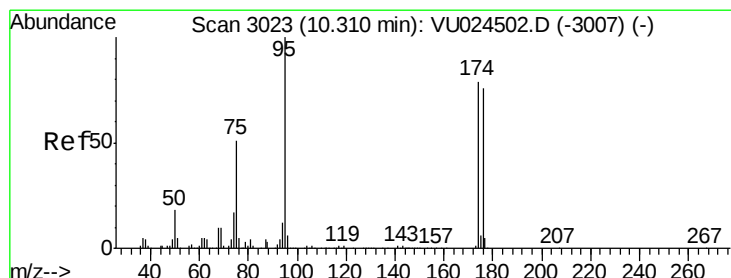
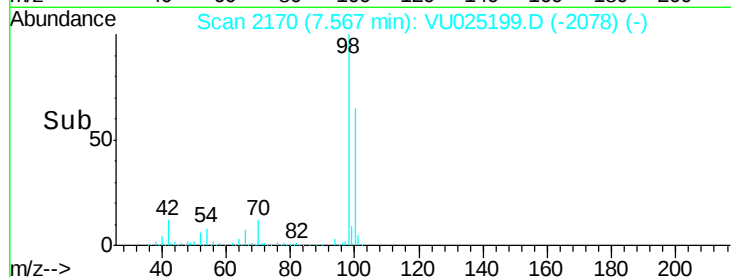
0

Time-->

7.50

7.60

7.70



#62

4-Bromofluorobenzene

Concen: 44.223 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025199.D

Acq: 03 Jul 2018 19:15

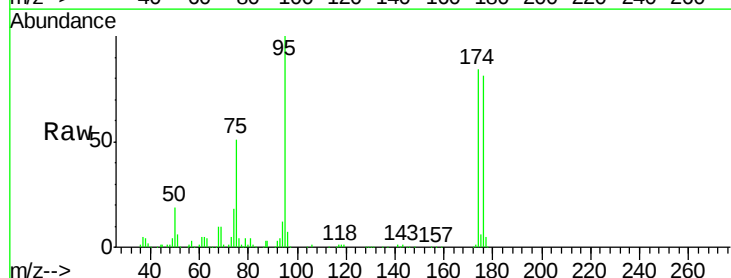
Tgt Ion: 95 Resp: 161117

Ion Ratio Lower Upper

95 100

174 84.7 0.0 165.8

176 82.0 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU024502.D (-3007) (-)

Ion 173.80 (173.50 to 174.50): VU024502.D (-3007) (-)

Ion 175.80 (175.50 to 176.50): VU024502.D (-3007) (-)

10.31

100000

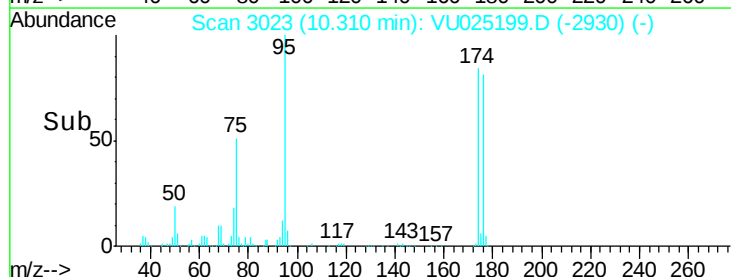
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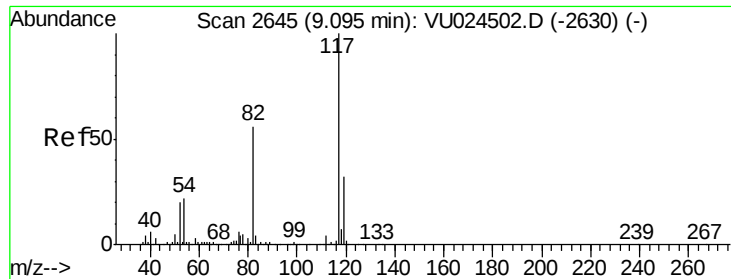
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Time-->

10.30

10.40

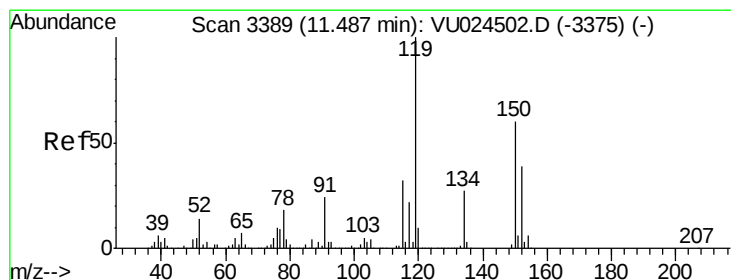
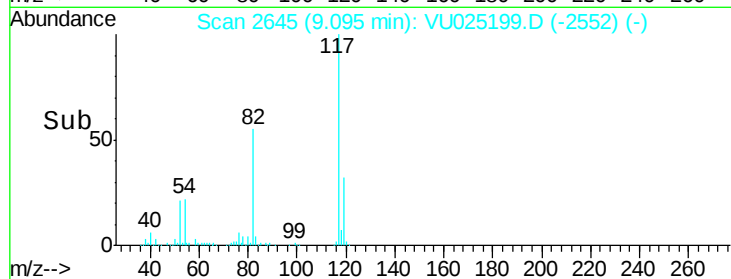
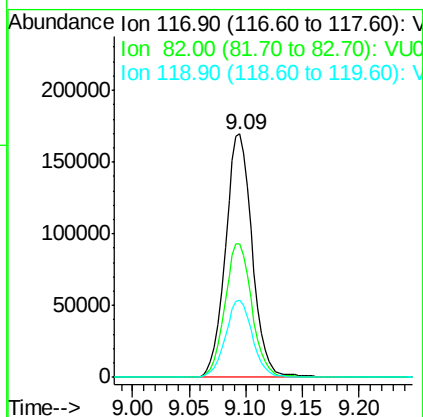
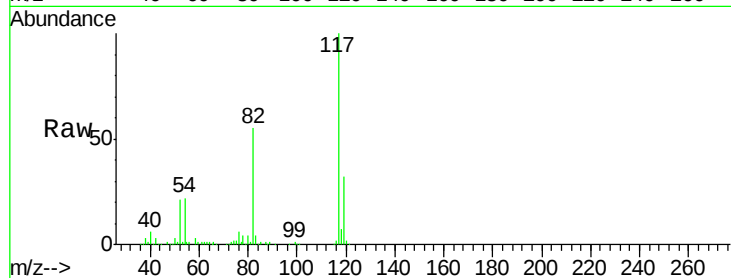




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025199.D
Acq: 03 Jul 2018 19:15

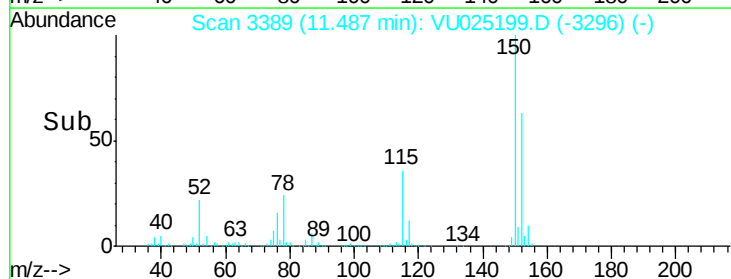
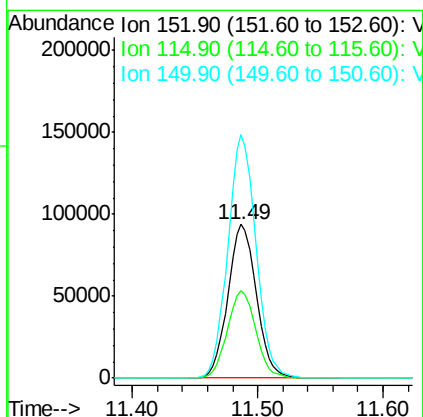
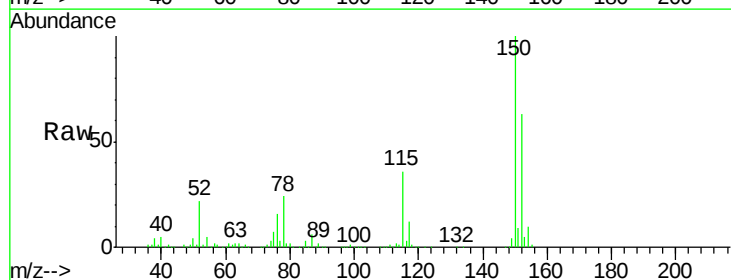
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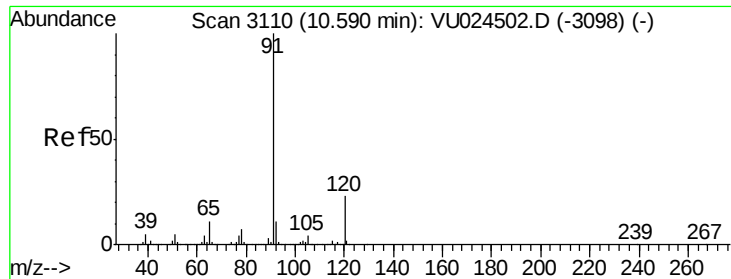
Tot Ion:117 Resp: 278852
Ion Ratio Lower Upper
117 100
82 55.0 44.3 66.5
119 31.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025199.D
Acq: 03 Jul 2018 19:15

Tgt Ion:152 Resp: 147526
Ion Ratio Lower Upper
152 100
115 57.0 43.0 129.0
150 156.8 0.0 354.0





#78

n-propylbenzene

Concen: 0.207 ug/l

RT: 10.60 min Scan# 3112

Delta R.T. 0.01 min

Lab File: VU025199.D

Acq: 03 Jul 2018 19:15

Instrument :

MSVOA_U

ClientSampleId :

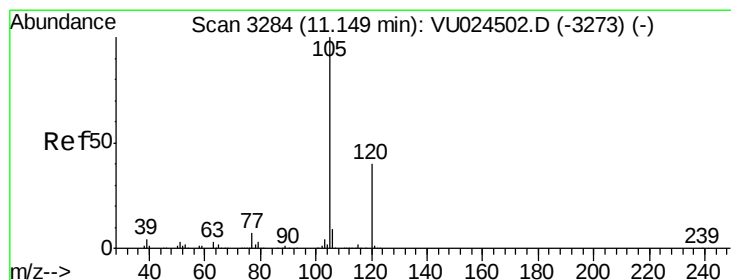
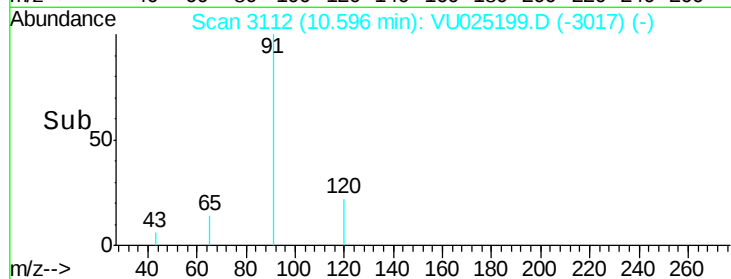
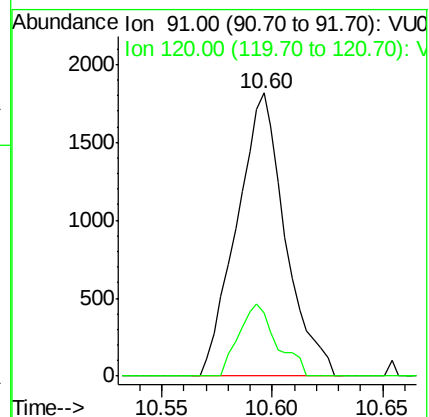
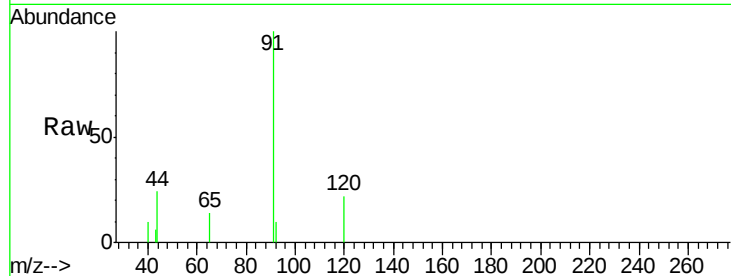
TP-6-S

Tot Ion: 91 Resp: 2763

Ion Ratio Lower Upper

91 100

120 19.8 11.2 33.5



#84

1,2,4-Trimethylbenzene

Concen: 0.693 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. 0.00 min

Lab File: VU025199.D

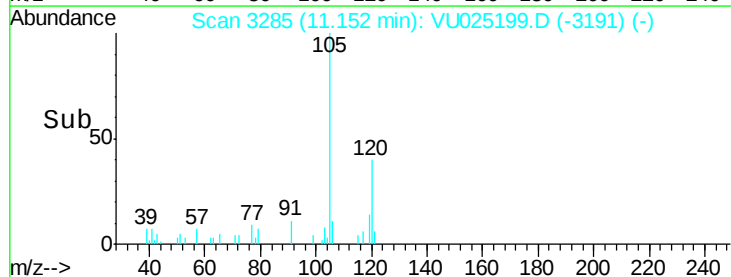
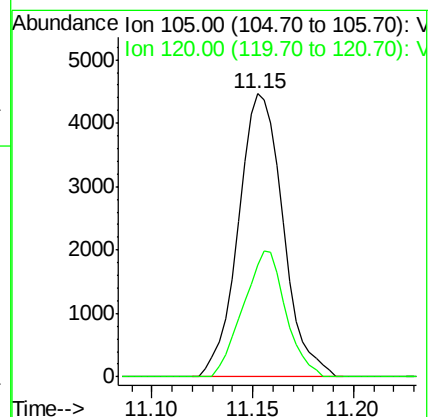
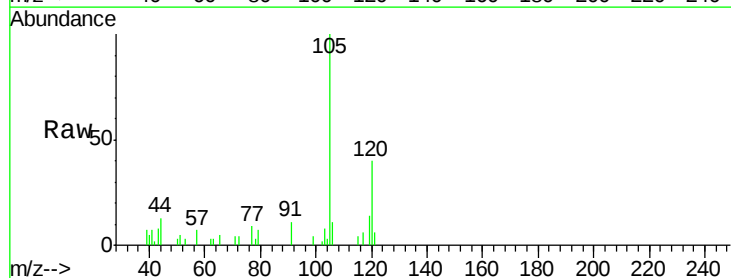
Acq: 03 Jul 2018 19:15

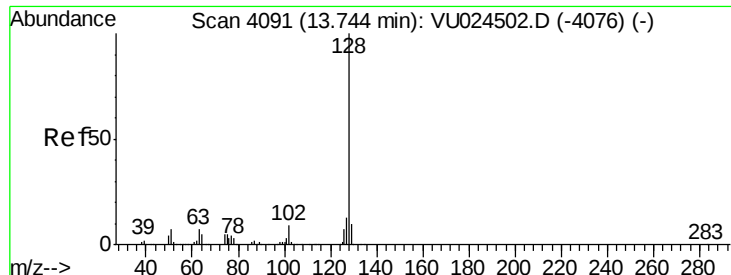
Tgt Ion: 105 Resp: 6936

Ion Ratio Lower Upper

105 100

120 42.3 22.6 67.8

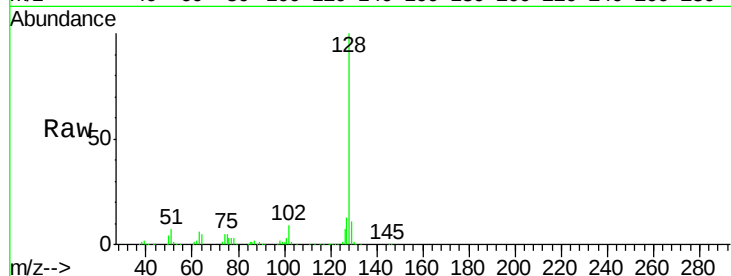




#95
Naphthalene
Concen: 30.580 ug/l
RT: 13.74 min Scan# 4091
Delta R.T. 0.00 min
Lab File: VU025199.D
Acq: 03 Jul 2018 19:15

Instrument :
MSVOA_U
ClientSampleId :
TP-6-S

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	16.0
129	11.2	8.6	12.8



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

