

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070318\
 Data File : VU025197.D
 Acq On : 03 Jul 2018 18:26
 Operator : MD/SY
 Sample : J3813-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 5002

Quant Time: Jul 04 05:59:36 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	200579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	304610	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	283683	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	149284	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	155086	47.36	ug/l	0.00
Spiked Amount			Recovery	=	94.72%	
35) Dibromofluoromethane	4.89	113	119137	47.13	ug/l	0.00
Spiked Amount			Recovery	=	94.26%	
50) Toluene-d8	7.57	98	438083	47.51	ug/l	0.00
Spiked Amount			Recovery	=	95.02%	
62) 4-Bromofluorobenzene	10.31	95	160809	43.92	ug/l	0.00
Spiked Amount			Recovery	=	87.84%	

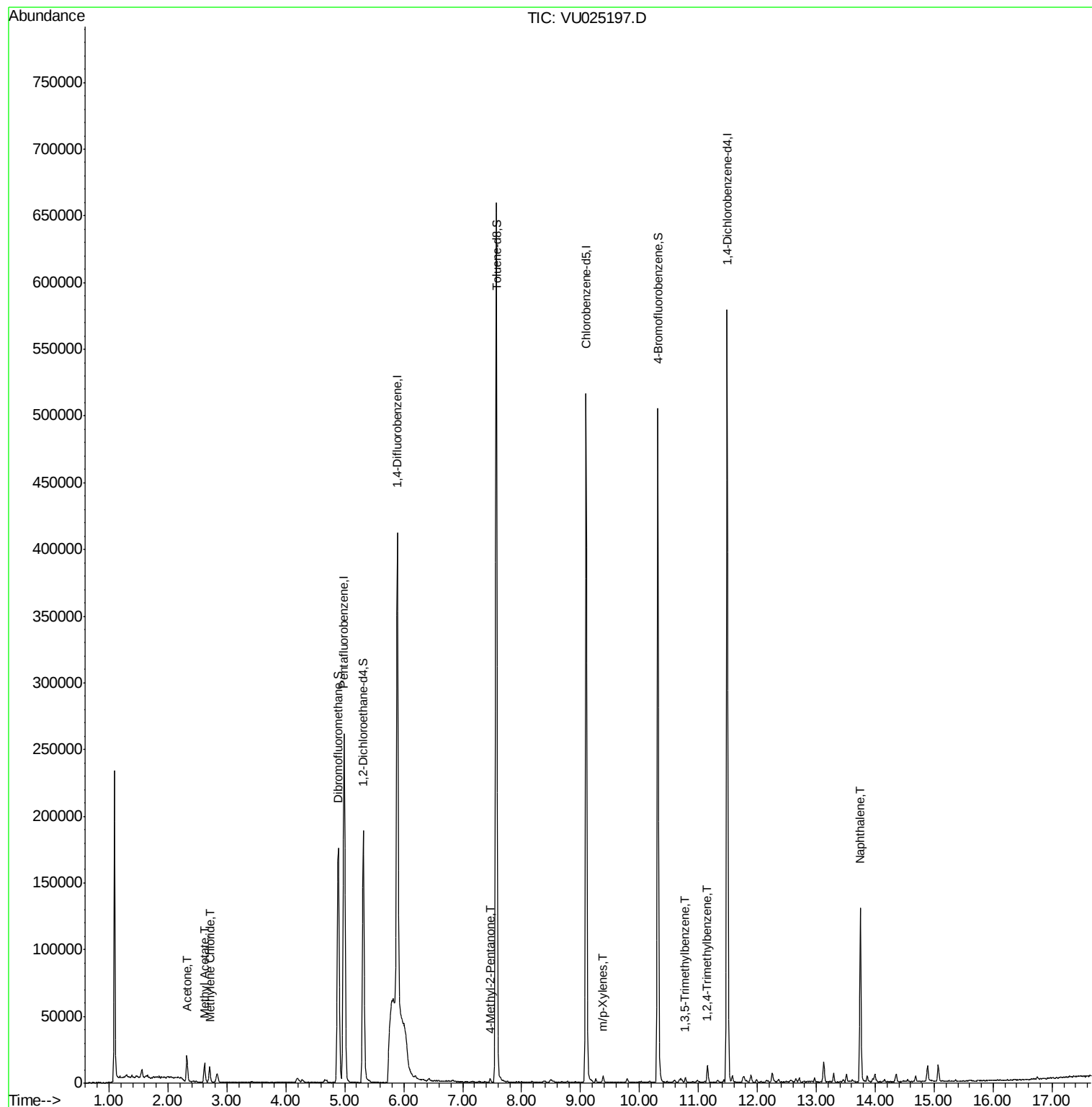
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	20858	11.855	ug/l	91
18) Methyl Acetate	2.62	43	17512	4.643	ug/l	96
20) Methylene Chloride	2.71	84	5319	1.927	ug/l #	83
51) 4-Methyl-2-Pentanone	7.46	43	1901	0.449	ug/l	93
68) m/p-Xylenes	9.38	106	1553	0.318	ug/l	92
80) 1,3,5-Trimethylbenzene	10.78	105	2347	0.236	ug/l	90
84) 1,2,4-Trimethylbenzene	11.16	105	6793	0.671	ug/l	95
95) Naphthalene	13.75	128	104513	10.071	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# 1368

Delta R.T. -0.00 min

Lab File: VU025197.D

Acq: 03 Jul 2018 18:26

Instrument :

MSVOA_U

ClientSampleId :

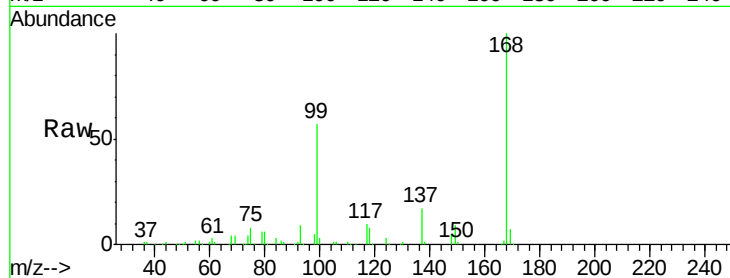
5002

Tot Ion:168 Resp: 200579

Ion Ratio Lower Upper

168 100

99 56.7 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU025197.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU025197.D (-1275) (-)

4.99

80000

60000

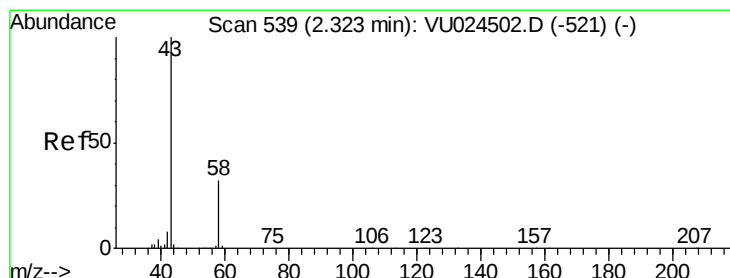
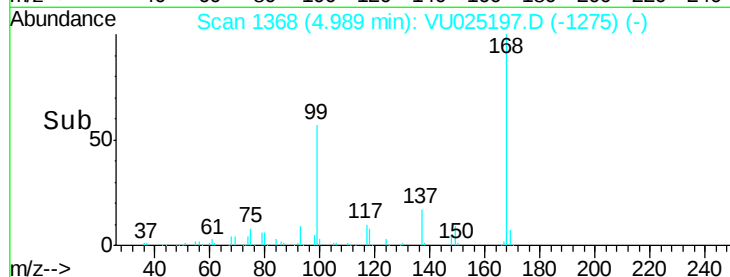
40000

20000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#16

Acetone

Concen: 11.855 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU025197.D

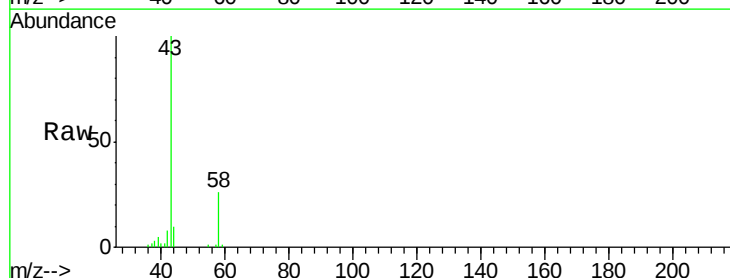
Acq: 03 Jul 2018 18:26

Tgt Ion: 43 Resp: 20858

Ion Ratio Lower Upper

43 100

58 25.5 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU025197.D (-446) (-)

Ion 58.00 (57.70 to 58.70): VU025197.D (-446) (-)

2.32

15000

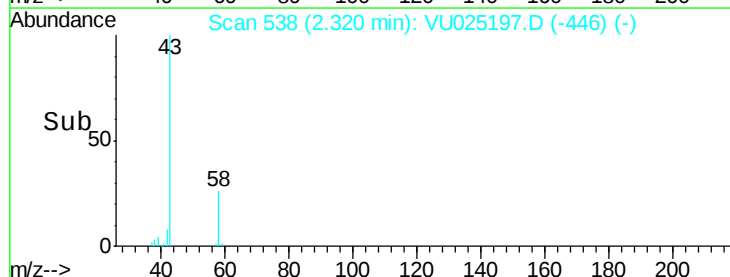
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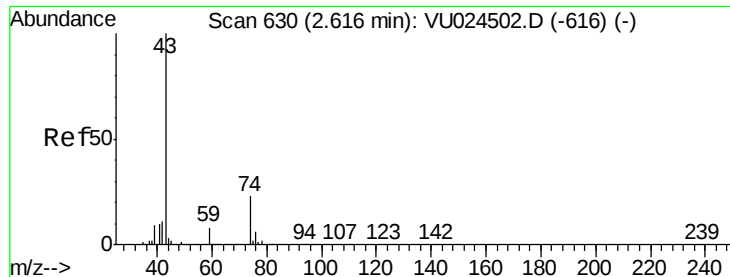
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0

2.25 2.30 2.35 2.40

Time-->

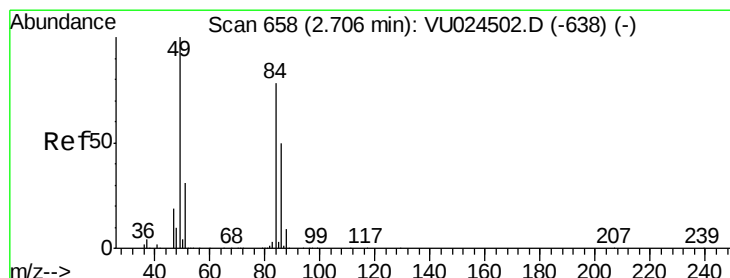
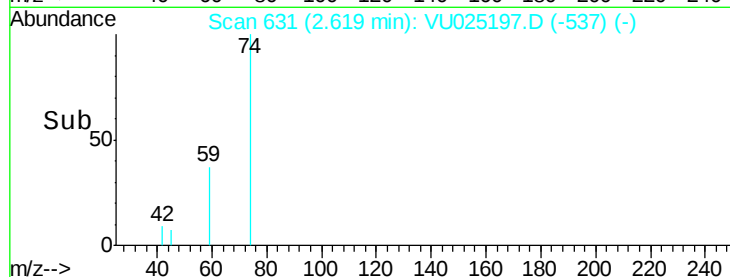
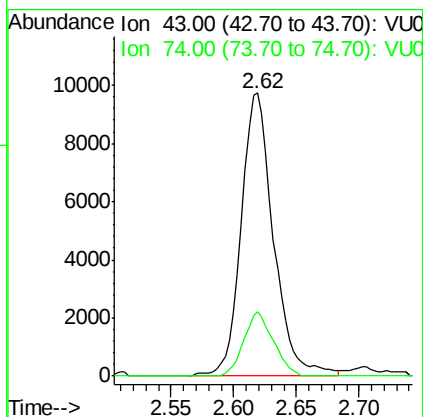
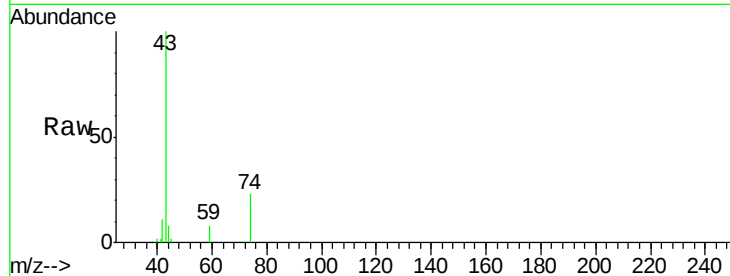




#18
Methvl Acetate
Concen: 4.643 ug/l
RT: 2.62 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU025197.D
Acq: 03 Jul 2018 18:26

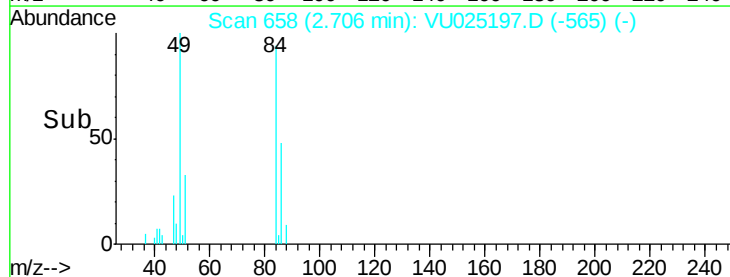
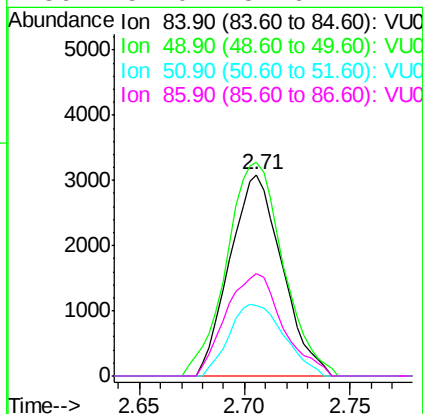
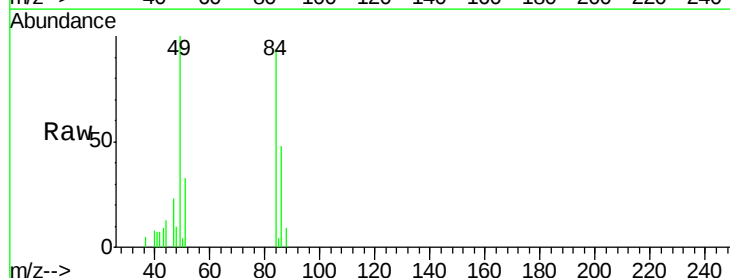
Instrument :
MSVOA_U
ClientSampleId :
5002

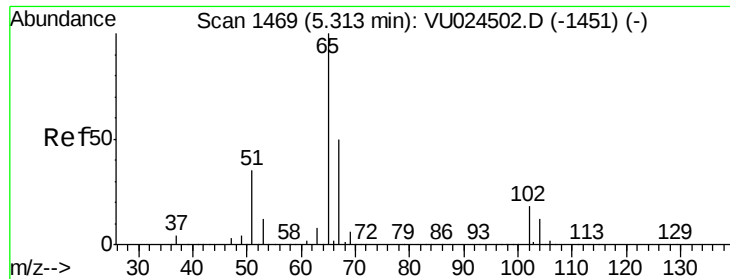
Tot Ion: 43 Resp: 17512
Ion Ratio Lower Upper
43 100
74 20.7 18.0 27.0



#20
Methylene Chloride
Concen: 1.927 ug/l
RT: 2.71 min Scan# 658
Delta R.T. -0.00 min
Lab File: VU025197.D
Acq: 03 Jul 2018 18:26

Tgt Ion: 84 Resp: 5319
Ion Ratio Lower Upper
84 100
49 106.3 103.8 155.8
51 35.2 32.0 48.0
86 51.0 51.6 77.4#

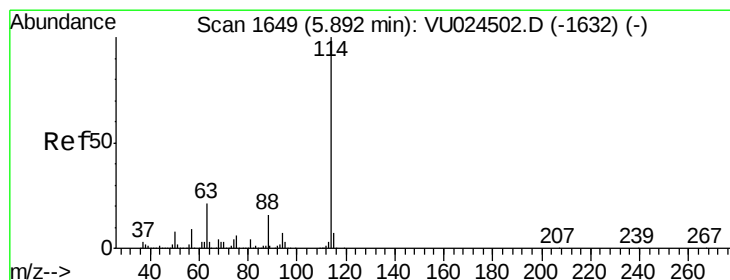
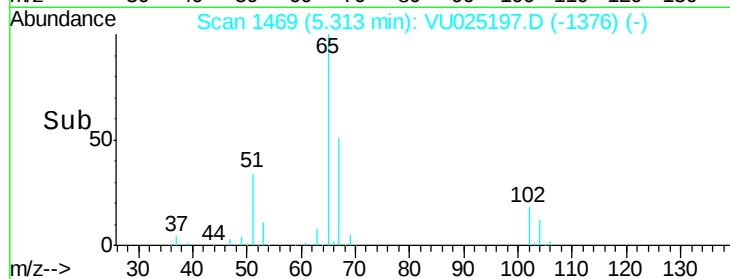
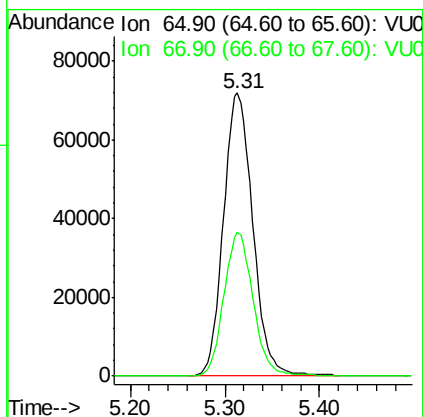
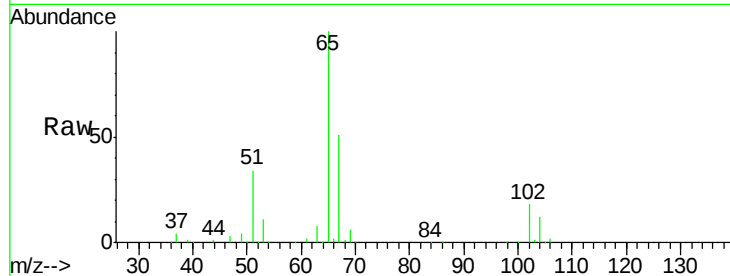




#33
 1,2-Dichloroethane-d4
 Concen: 47.362 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU025197.D
 Acq: 03 Jul 2018 18:26

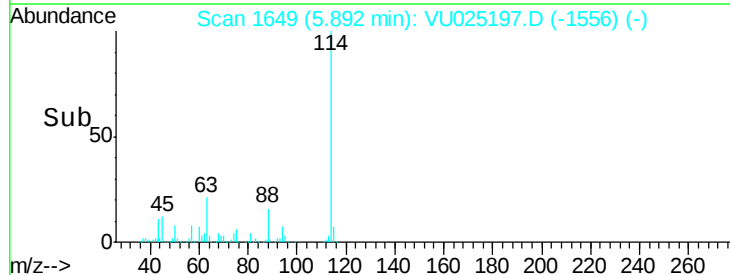
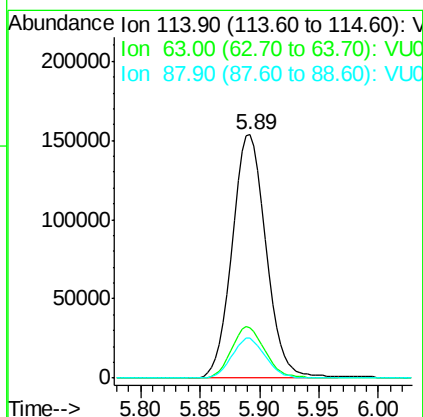
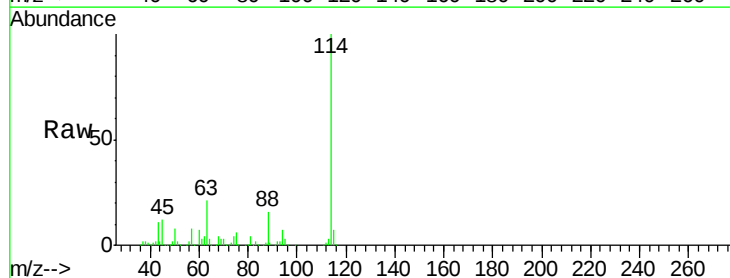
Instrument :
 MSVOA_U
 ClientSampleId :
 5002

Tot Ion: 65 Resp: 155086
 Ion Ratio Lower Upper
 65 100
 67 50.5 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: VU025197.D
 Acq: 03 Jul 2018 18:26

Tgt Ion: 114 Resp: 304610
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 45.4
 88 16.3 0.0 31.0

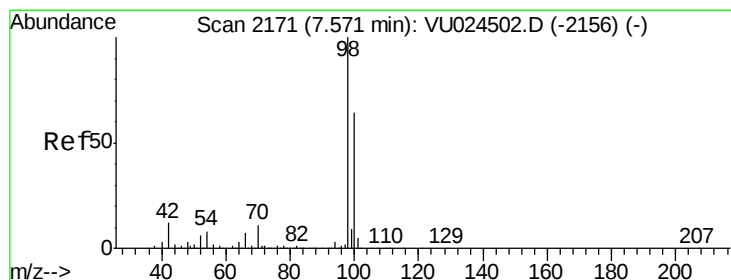
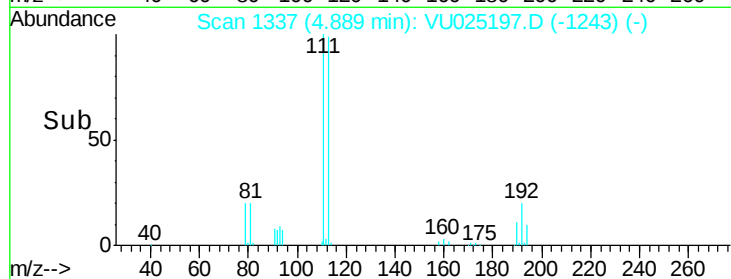
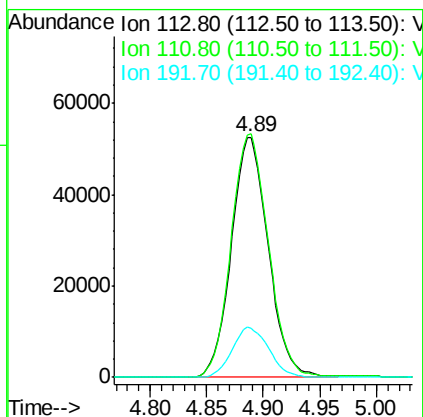
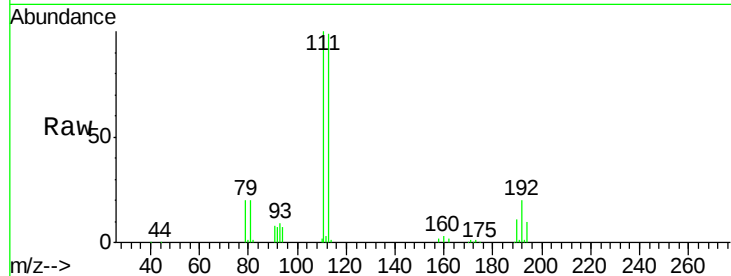




#35
 Dibromofluoromethane
 Concen: 47.126 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025197.D
 Acq: 03 Jul 2018 18:26

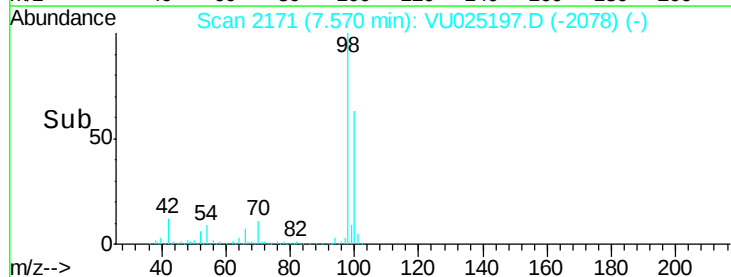
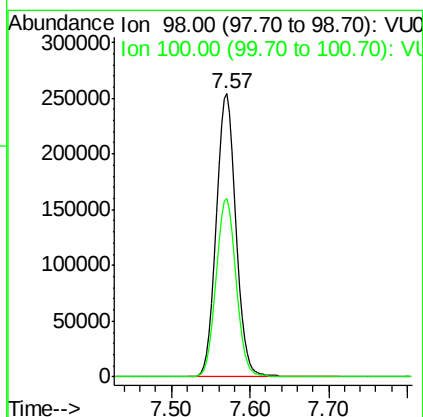
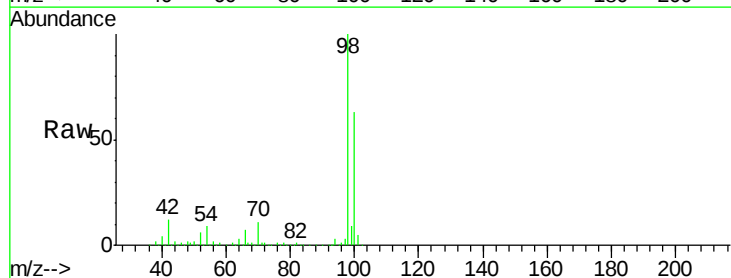
Instrument :
 MSVOA_U
 ClientSampleId :
 5002

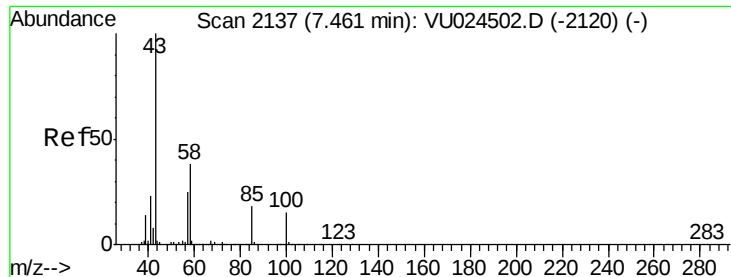
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.2	123.4
192	20.9	16.2	24.4



#50
 Toluene-d8
 Concen: 47.508 ug/l
 RT: 7.57 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VU025197.D
 Acq: 03 Jul 2018 18:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 0.449 ug/l

RT: 7.46 min Scan# 2138

Delta R.T. 0.00 min

Lab File: VU025197.D

Acq: 03 Jul 2018 18:26

Instrument :

MSVOA_U

ClientSampleId :

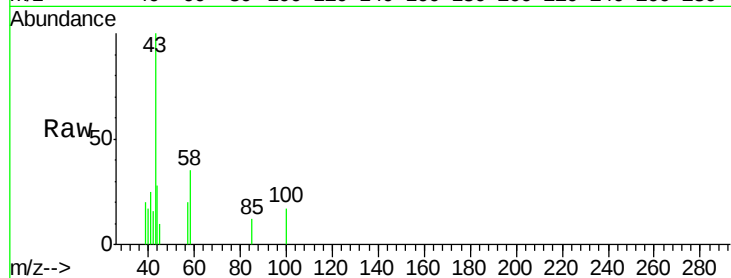
5002

Tot Ion: 43 Resp: 1901

Ion Ratio Lower Upper

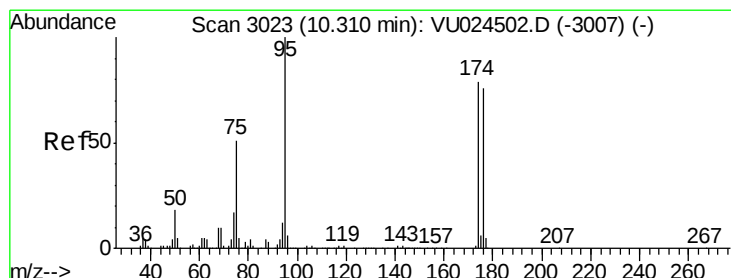
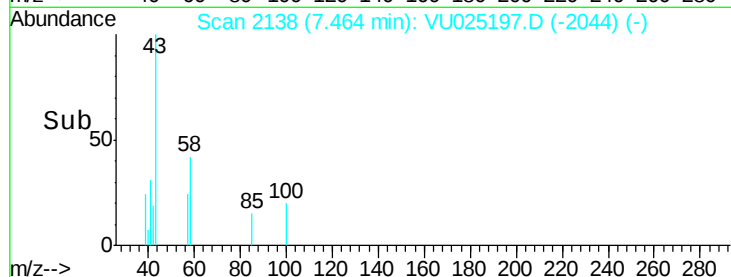
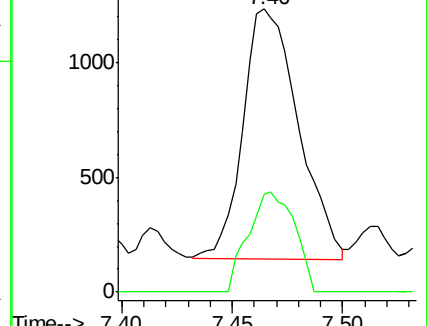
43 100

58 33.4 30.0 45.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#62

4-Bromofluorobenzene

Concen: 43.923 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025197.D

Acq: 03 Jul 2018 18:26

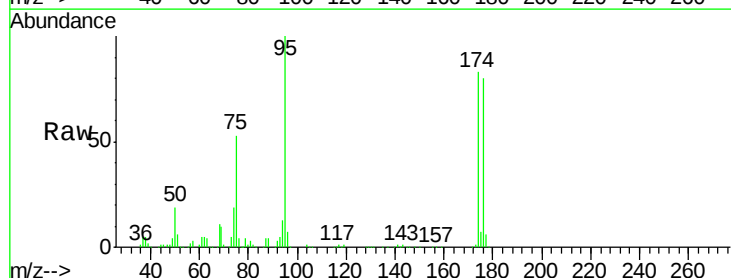
Tgt Ion: 95 Resp: 160809

Ion Ratio Lower Upper

95 100

174 84.3 0.0 165.8

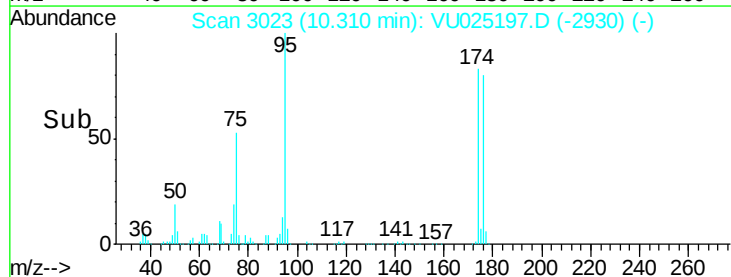
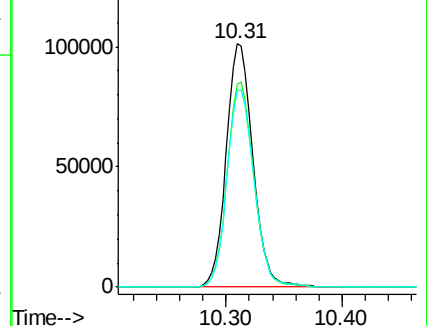
176 82.6 0.0 159.4

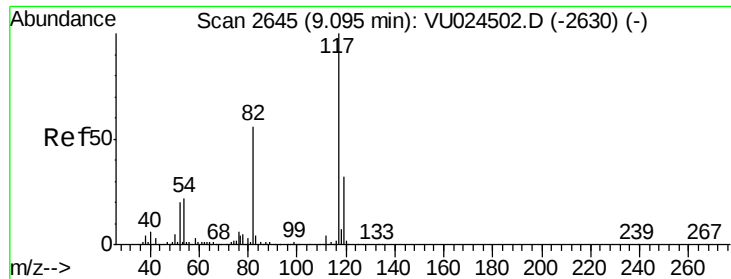


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

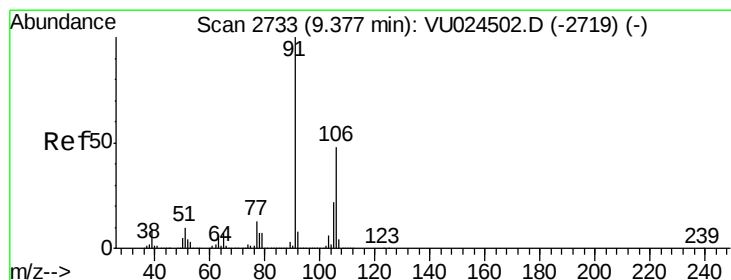
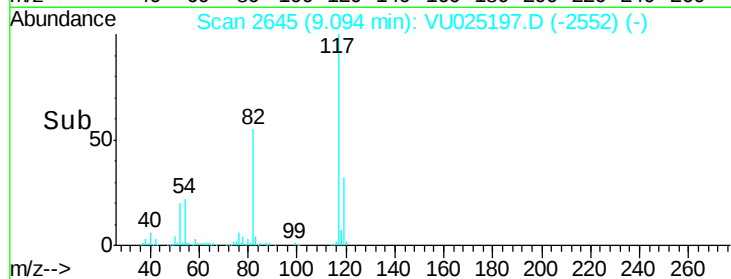
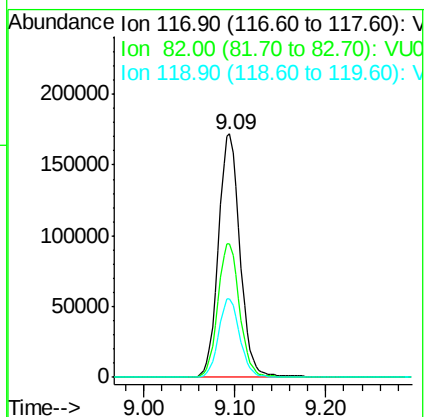
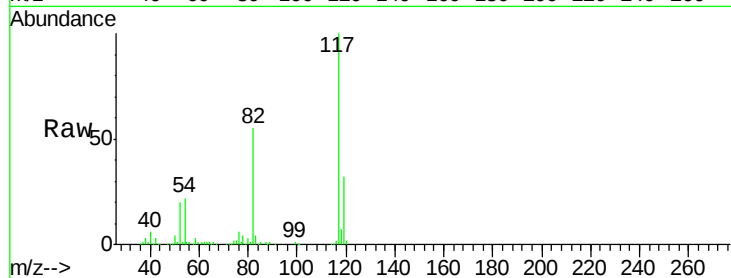




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU025197.D
Acq: 03 Jul 2018 18:26

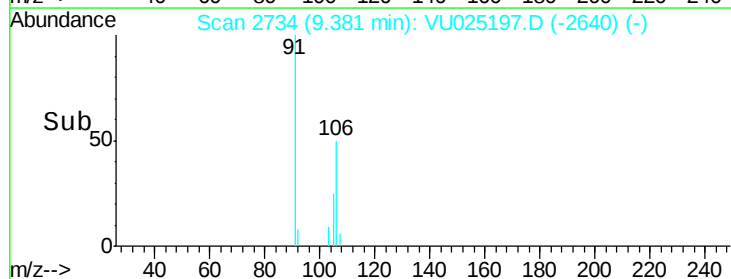
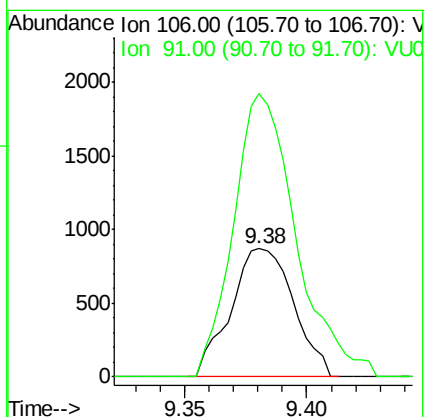
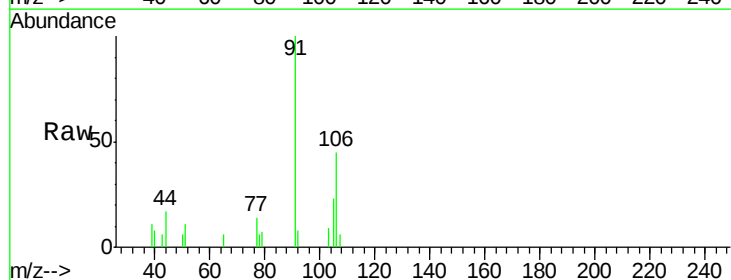
Instrument :
MSVOA_U
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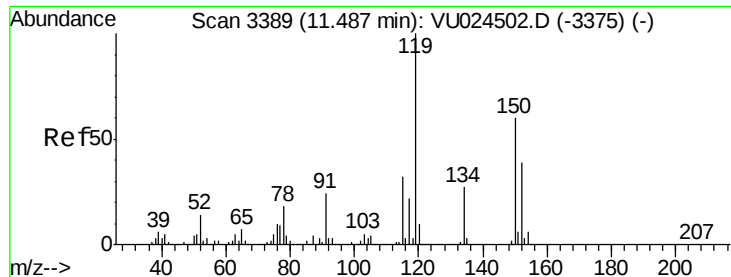
Tot Ion:117 Resp: 283683
Ion Ratio Lower Upper
117 100
82 55.0 44.3 66.5
119 32.3 25.4 38.2



#68
m/p-Xylenes
Concen: 0.318 ug/l
RT: 9.38 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU025197.D
Acq: 03 Jul 2018 18:26

Tgt Ion:106 Resp: 1553
Ion Ratio Lower Upper
106 100
91 220.5 166.5 249.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU025197.D

Acq: 03 Jul 2018 18:26

Instrument :

MSVOA_U

ClientSampled :

5002

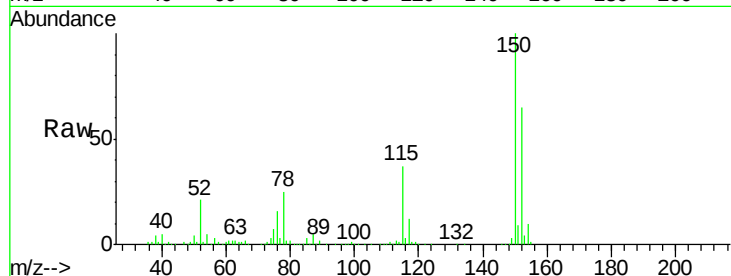
Tot Ion:152 Resp: 149284

Ion Ratio Lower Upper

152 100

115 58.3 43.0 129.0

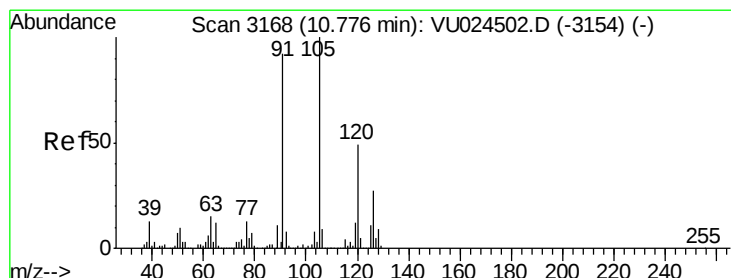
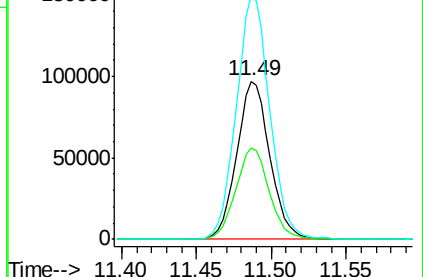
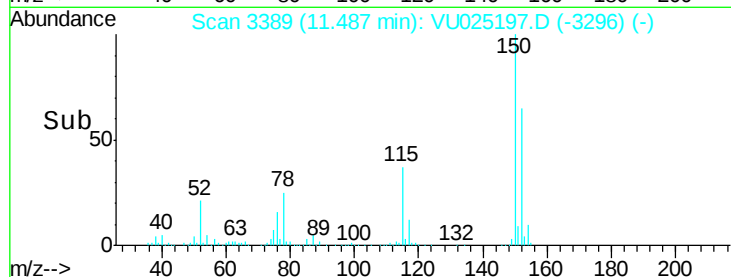
150 155.8 0.0 354.0



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: 0.236 ug/l

RT: 10.78 min Scan# 3169

Delta R.T. 0.00 min

Lab File: VU025197.D

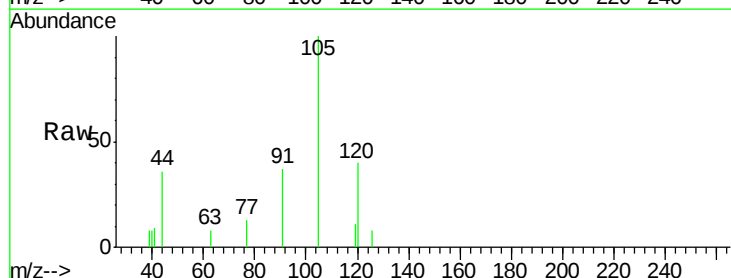
Acq: 03 Jul 2018 18:26

Tgt Ion:105 Resp: 2347

Ion Ratio Lower Upper

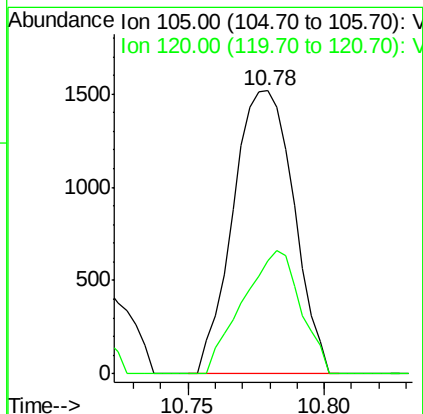
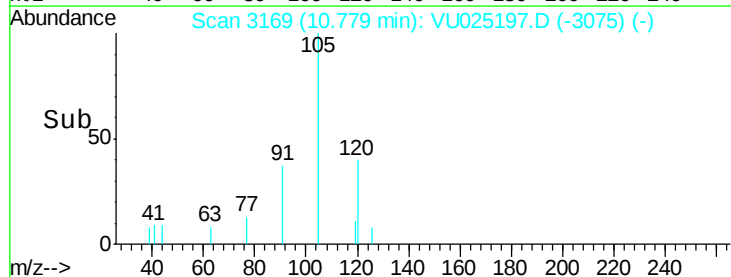
105 100

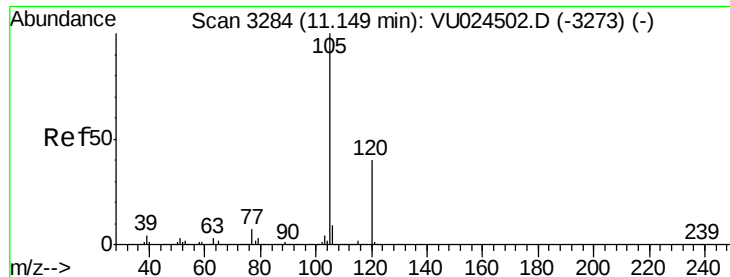
120 41.6 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#84

1,2,4-Trimethylbenzene

Concen: 0.671 ug/l

RT: 11.16 min Scan# 3286

Delta R.T. 0.01 min

Lab File: VU025197.D

Acq: 03 Jul 2018 18:26

Instrument :

MSVOA_U

ClientSampleId :

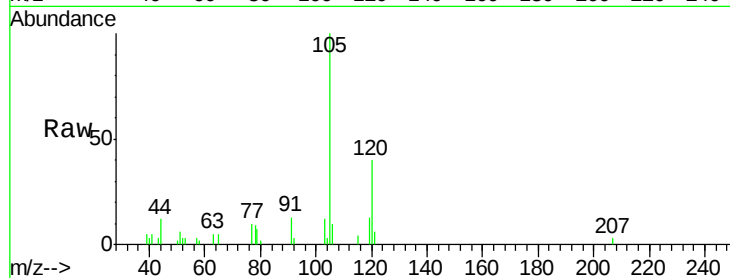
5002

Tot Ion:105 Resp: 6793

Ion Ratio Lower Upper

105 100

120 41.9 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.16

4000

3000

2000

1000

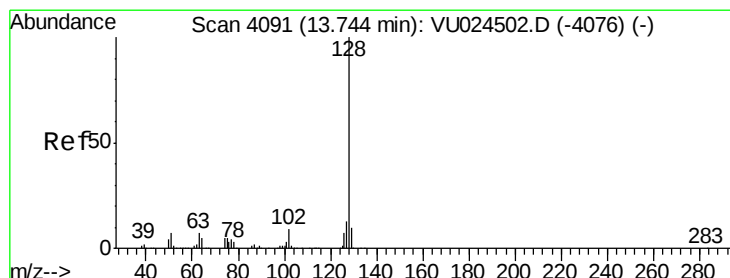
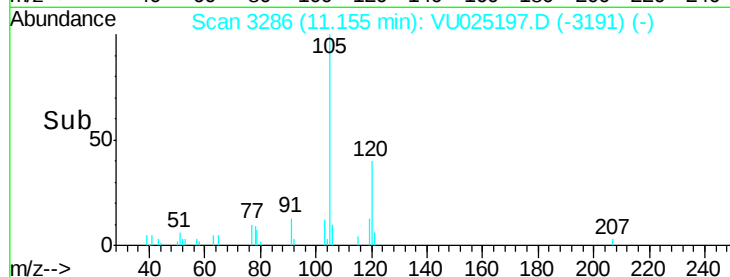
0

Time-->

11.10

11.15

11.20



#95

Naphthalene

Concen: 10.071 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025197.D

Acq: 03 Jul 2018 18:26

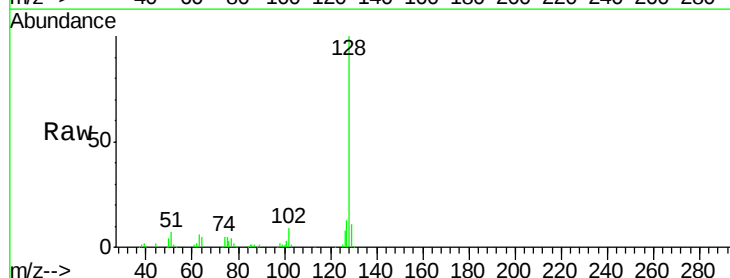
Tgt Ion:128 Resp: 104513

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 10.7 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

13.75

80000

60000

40000

20000

0

Time-->

13.70

13.80

