

Data File : VU025049.D
Acq On : 29 Jun 2018 03:36
Operator : MD/SY
Sample : J3671-18ME
Misc : 6.44g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
WP021SB481-17-19-180621ME

Quant Time: Jul 05 03:28:52 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	4.98	168	230494	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	345979	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.10	117	341932	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	203269	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	173886	46.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.42%	
35) Dibromofluoromethane	4.89	113	133415	46.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.92%	
50) Toluene-d8	7.57	98	510346	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
62) 4-Bromofluorobenzene	10.32	95	211390	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	

Target Compounds

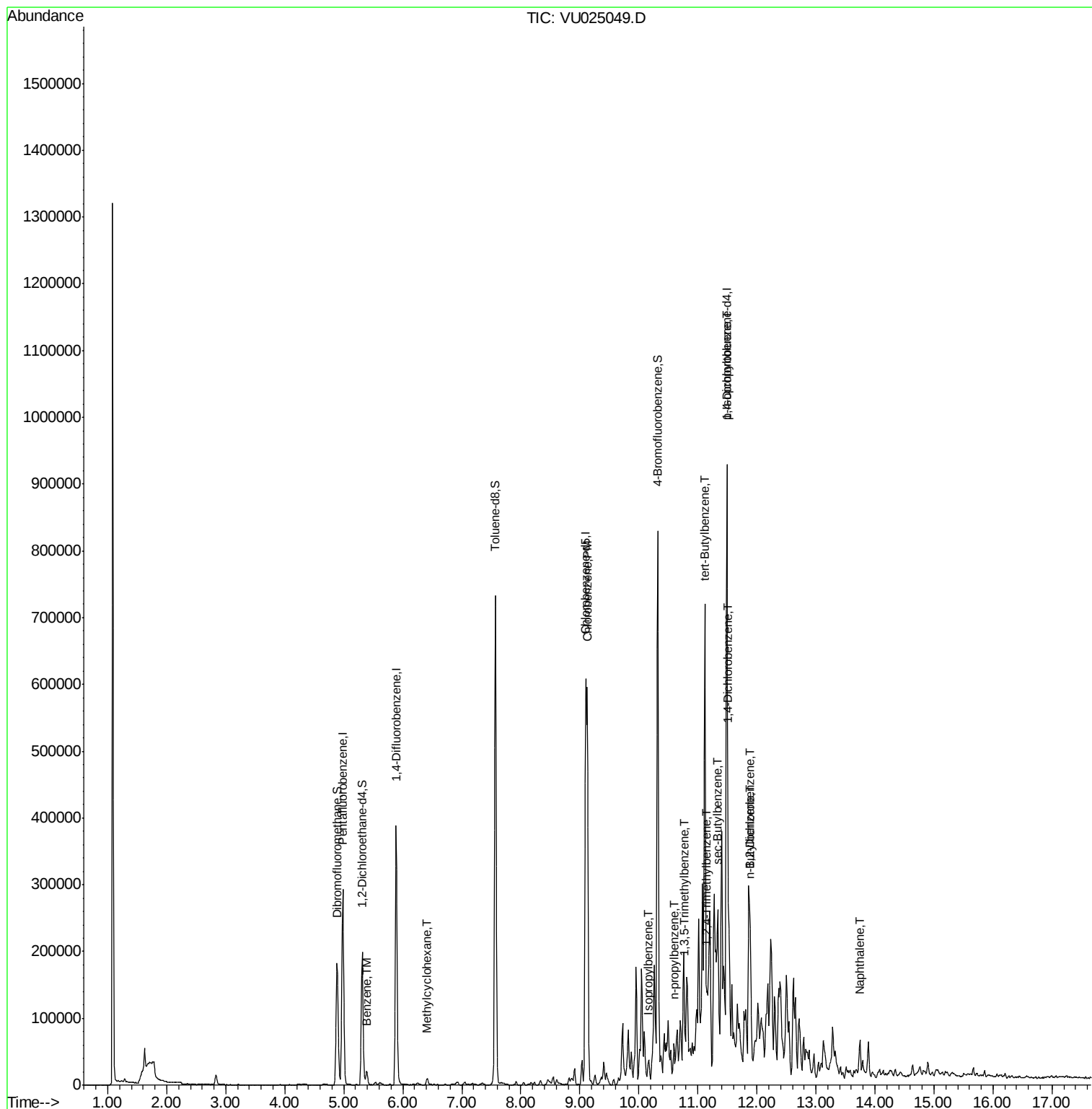
						Qvalue
39) Methylcyclohexane	6.41	83	4792	0.945	ug/l	90
40) Benzene	5.39	78	19565	1.689	ug/l	98
65) Chlorobenzene	9.13	112	321272	36.779	ug/l	98
73) Isopropylbenzene	10.17	105	10505	0.673	ug/l	100
78) n-propylbenzene	10.60	91	24196	1.316	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	11187	0.827	ug/l	98
83) tert-Butylbenzene	11.10	119	16119	1.239	ug/l	92
84) 1,2,4-Trimethylbenzene	11.16	105	19724	1.431	ug/l	99
85) sec-Butylbenzene	11.33	105	42256	2.594	ug/l	97
86) p-Isopropyltoluene	11.48	119	28010	1.920	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	36005	4.901	ug/l	90
89) n-Butylbenzene	11.89	91	41777	3.226	ug/l #	60
91) 1,2-Dichlorobenzene	11.89	146	19234	2.631	ug/l	93
95) Naphthalene	13.75	128	31308	2.745	ug/l	97

(#) = 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: 4.98 min Scan# 1366

Delta R.T. -0.01 min

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Acq: 29 Jun 2018 03:36

Instrument :

MSVOA_U

ClientSampleId :

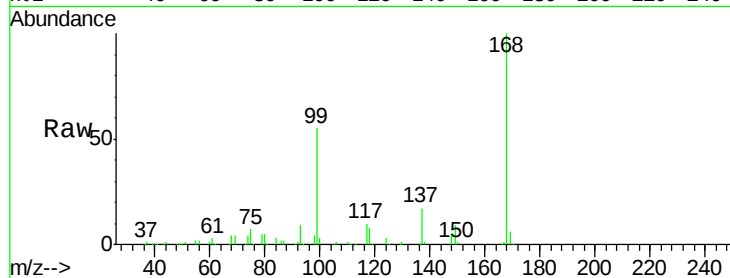
WP021SB481-17-19-180621ME

Tgt Ion:168 Resp: 230494

Ion Ratio Lower Upper

168 100

99 54.6 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)

4.98

120000

100000

80000

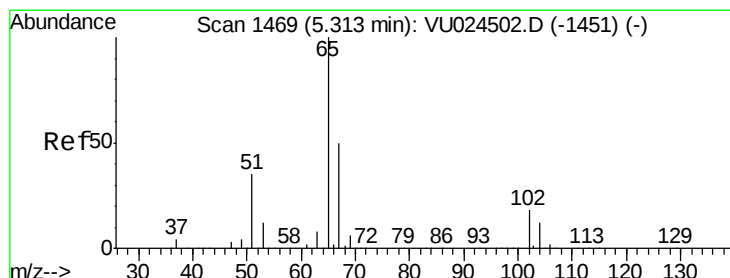
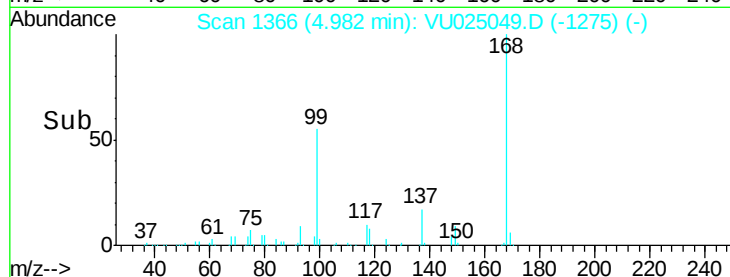
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.211 ug/l

RT: 5.31 min Scan# 1468

Delta R.T. -0.00 min

Lab File: VU025049.D

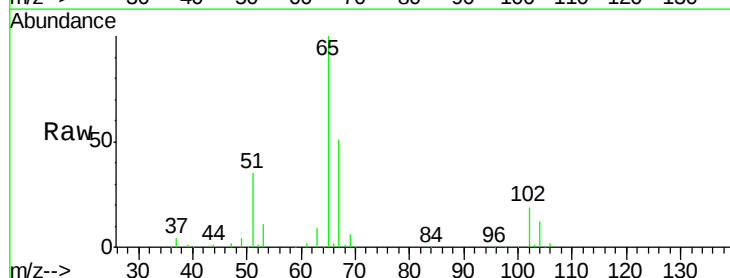
Acq: 29 Jun 2018 03:36

Tgt Ion: 65 Resp: 173886

Ion Ratio Lower Upper

65 100

67 49.9 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU024502.D (-1451) (-)

Ion 66.90 (66.60 to 67.60): VU024502.D (-1451) (-)

5.31

80000

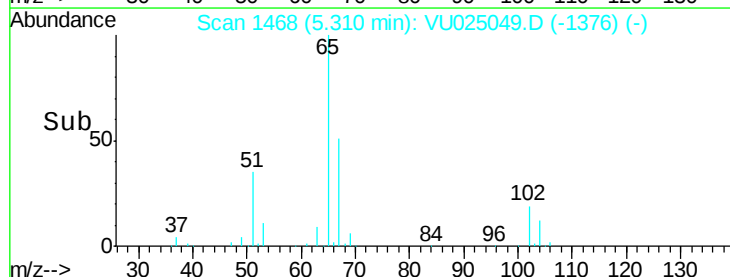
60000

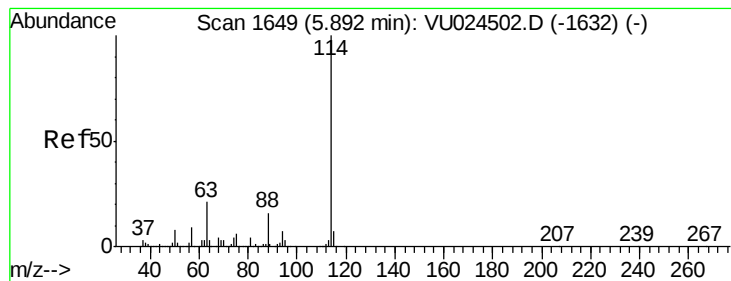
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1647

Delta R.T. -0.01 min

Lab File: VU025049.D

Acq: 29 Jun 2018 03:36

Instrument :

MSVOA_U

ClientSampleId :

WP021SB481-17-19-180621ME

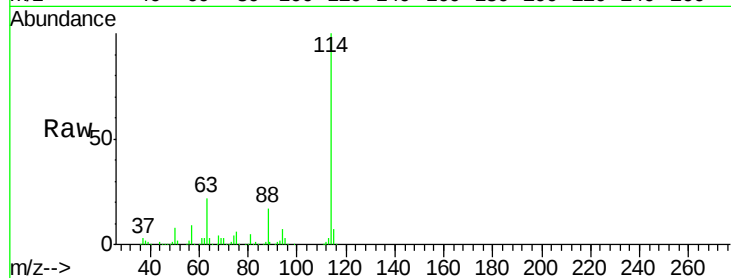
Tgt Ion:114 Resp: 345979

Ion Ratio Lower Upper

114 100

63 21.8 0.0 45.4

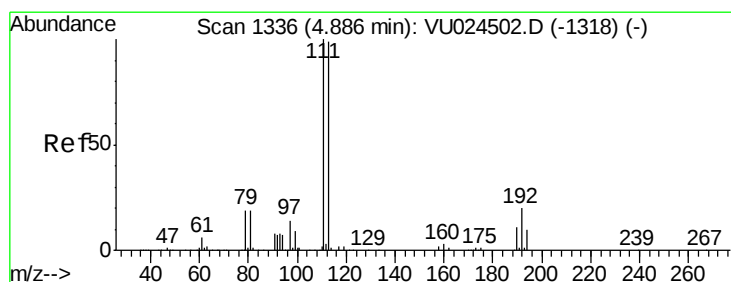
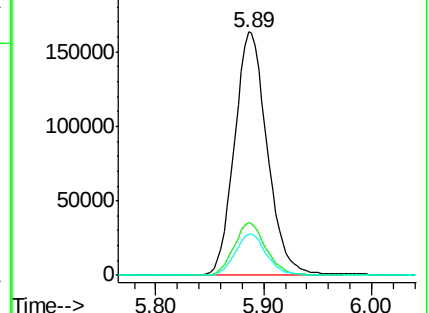
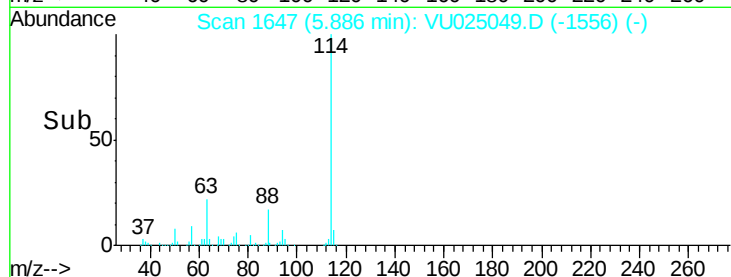
88 16.8 0.0 31.0



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



#35

Dibromofluoromethane

Concen: 46.464 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VU025049.D

Acq: 29 Jun 2018 03:36

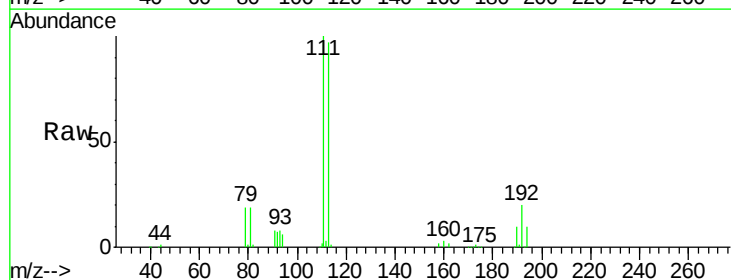
Tgt Ion:113 Resp: 133415

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.4

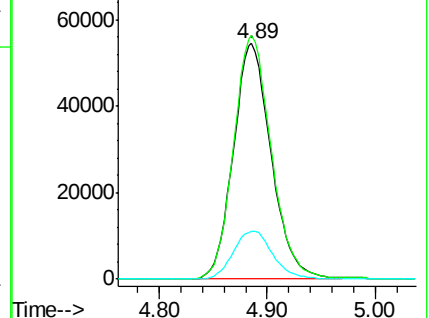
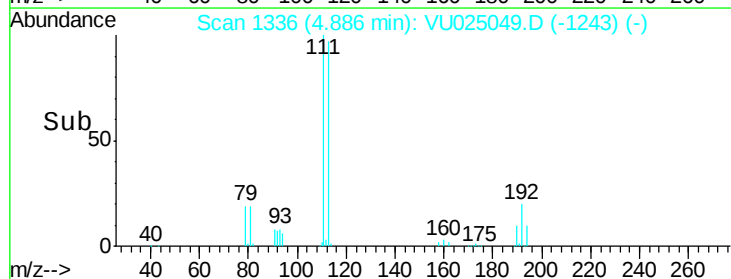
192 21.2 16.2 24.4

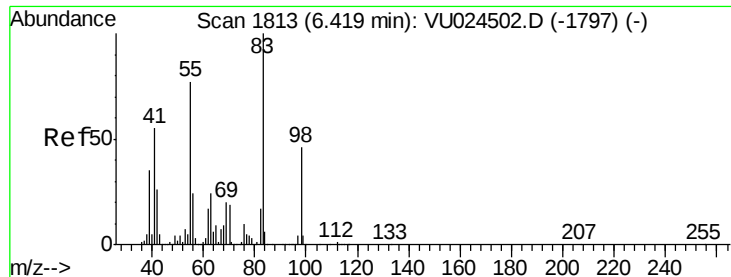


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

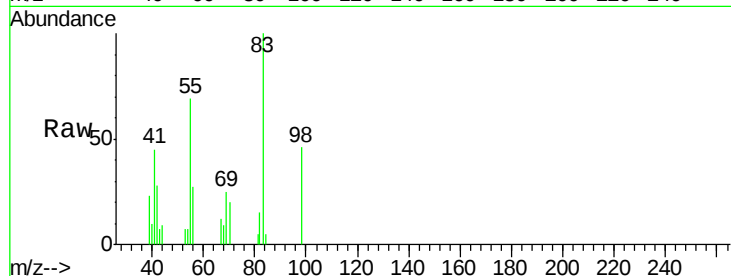




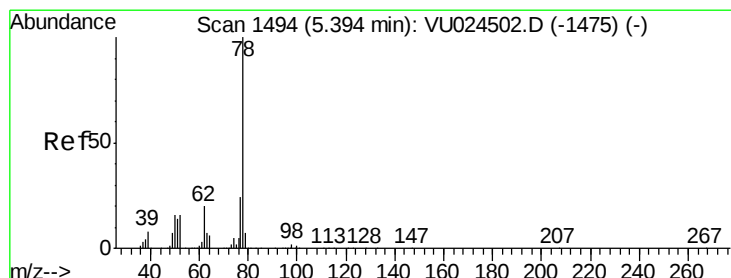
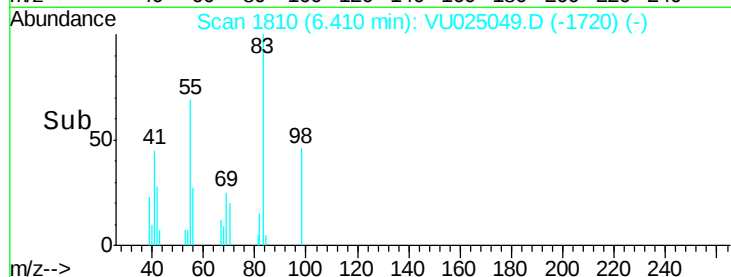
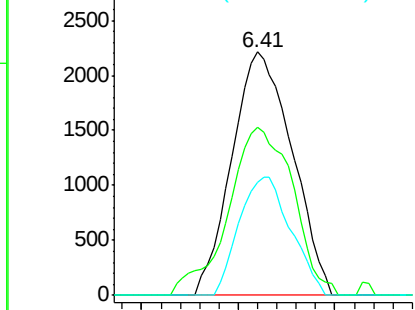
#39
Methylcyclohexane
Concen: 0.945 ug/l
RT: 6.41 min Scan# 1810
Delta R.T. -0.01 min
Lab File: VU025049.D
Acq: 29 Jun 2018 03:36

Instrument :
MSVOA_U
ClientSampleId :
WP021SB481-17-19-180621ME

Tgt Ion: 83 Resp: 4792
Ion Ratio Lower Upper
83 100
55 69.1 65.8 98.6
98 46.3 36.7 55.1

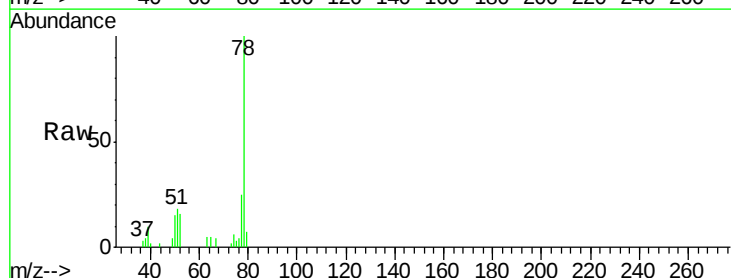


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

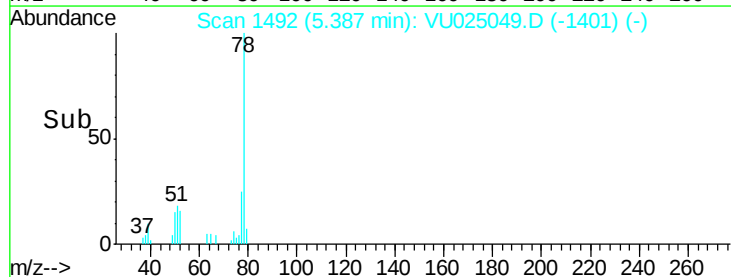
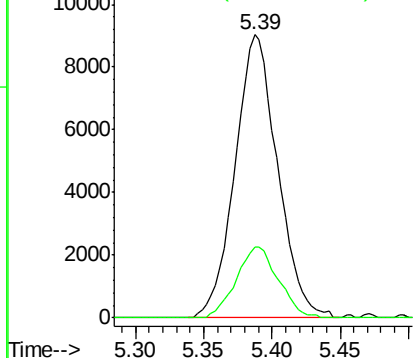


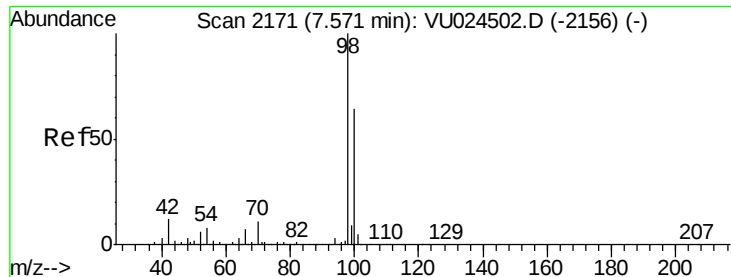
#40
Benzene
Concen: 1.689 ug/l
RT: 5.39 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VU025049.D
Acq: 29 Jun 2018 03:36

Tgt Ion: 78 Resp: 19565
Ion Ratio Lower Upper
78 100
77 25.0 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VU0
Ion 77.00 (76.70 to 77.70): VU0





#50

Toluene-d8

Concen: 48.727 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU025049.D

Acq: 29 Jun 2018 03:36

Instrument :

MSVOA_U

ClientSampleId :

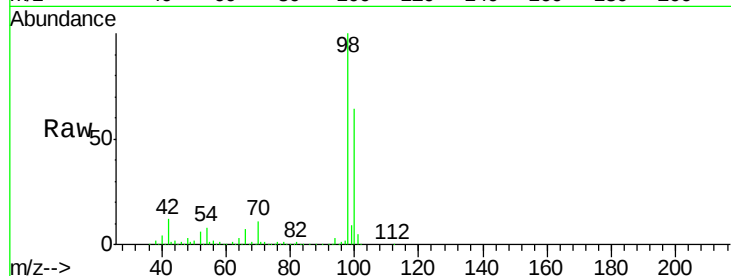
WP021SB481-17-19-180621ME

Tgt Ion: 98 Resp: 510346

Ion Ratio Lower Upper

98 100

100 63.4 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

300000

250000

200000

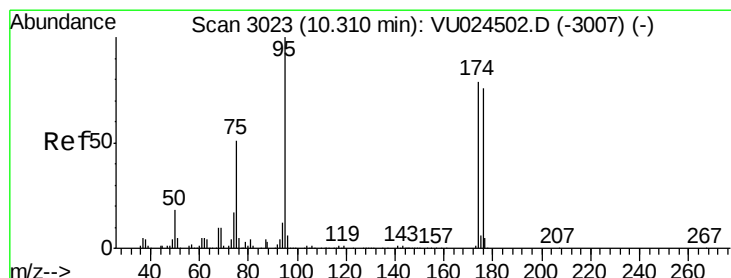
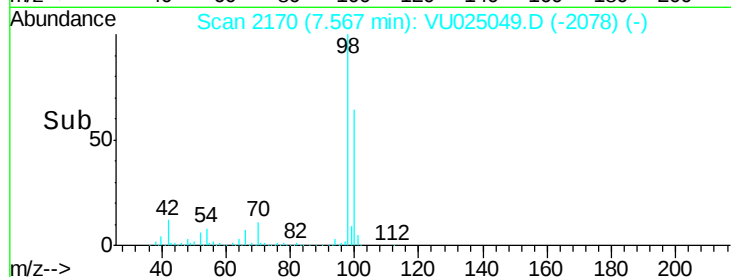
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.834 ug/l

RT: 10.32 min Scan# 3025

Delta R.T. 0.01 min

Lab File: VU025049.D

Acq: 29 Jun 2018 03:36

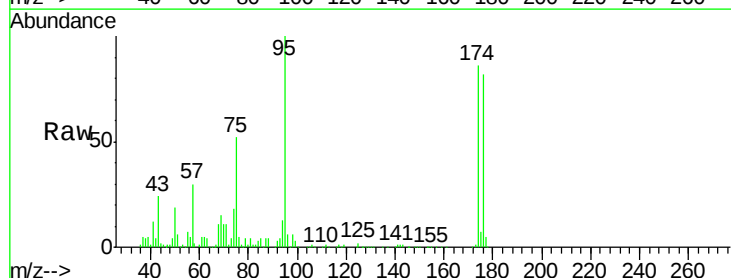
Tgt Ion: 95 Resp: 211390

Ion Ratio Lower Upper

95 100

174 84.9 0.0 165.8

176 82.5 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) (-)

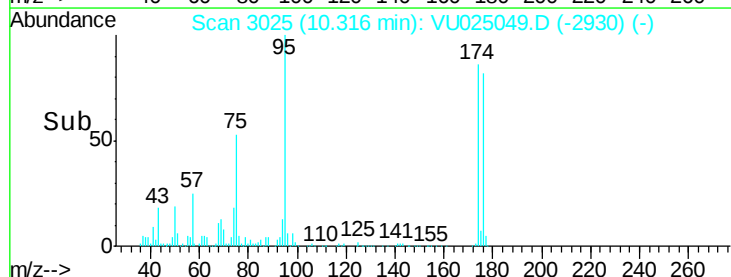
150000

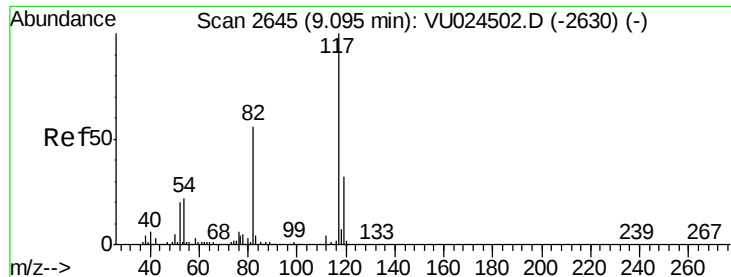
100000

50000

0

Time-->

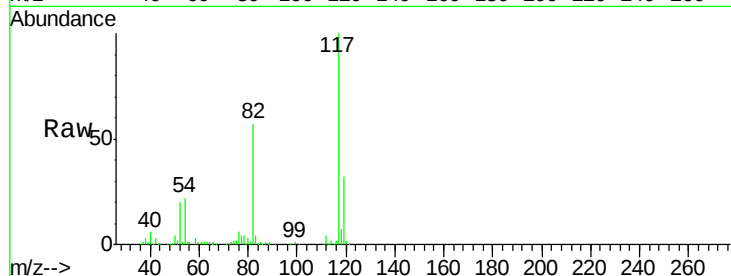




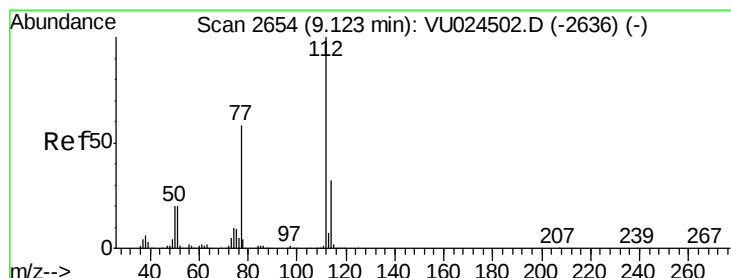
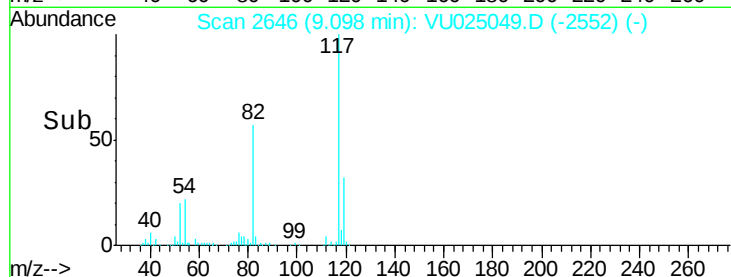
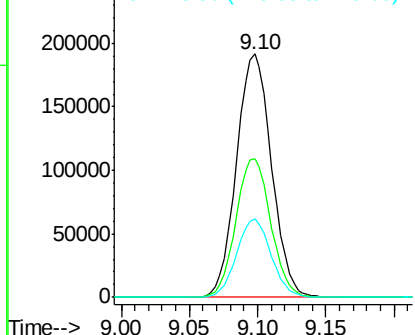
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.10 min Scan# 2646
Delta R.T. 0.00 min
Lab File: VU025049.D
Acq: 29 Jun 2018 03:36

Instrument :
MSVOA_U
ClientSampleId :
WP021SB481-17-19-180621ME

Tgt Ion:117 Resp: 341932
Ion Ratio Lower Upper
117 100
82 57.2 44.3 66.5
119 32.1 25.4 38.2

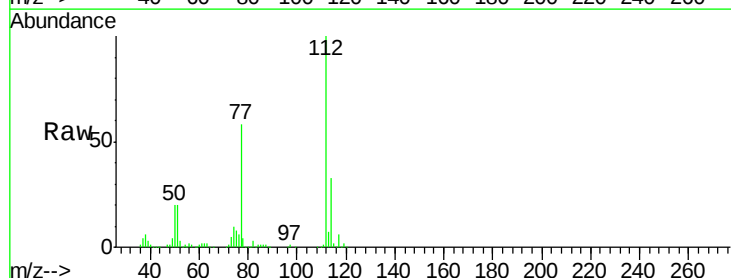


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

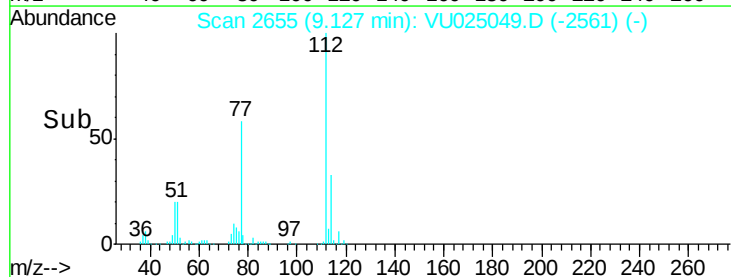
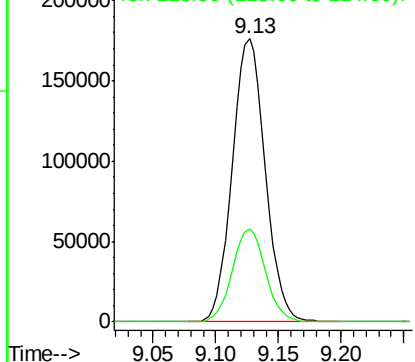


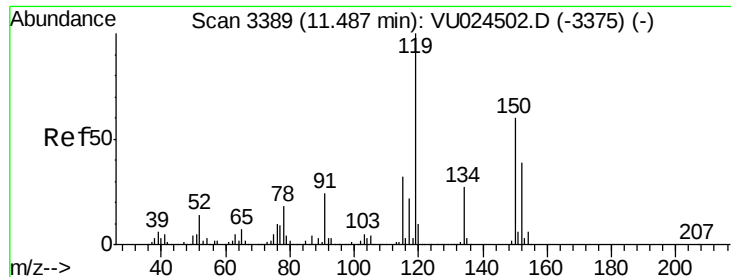
#65
Chlorobenzene
Concen: 36.779 ug/l
RT: 9.13 min Scan# 2655
Delta R.T. 0.00 min
Lab File: VU025049.D
Acq: 29 Jun 2018 03:36

Tgt Ion:112 Resp: 321272
Ion Ratio Lower Upper
112 100
114 32.9 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VU025049.D

Acq: 29 Jun 2018 03:36

Instrument :

MSVOA_U

ClientSampleId :

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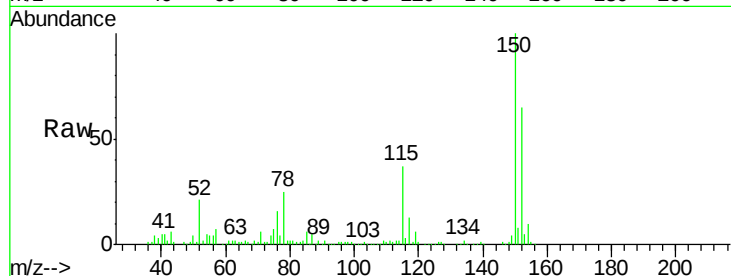
Tgt Ion:152 Resp: 203269

Ion Ratio Lower Upper

152 100

115 57.3 43.0 129.0

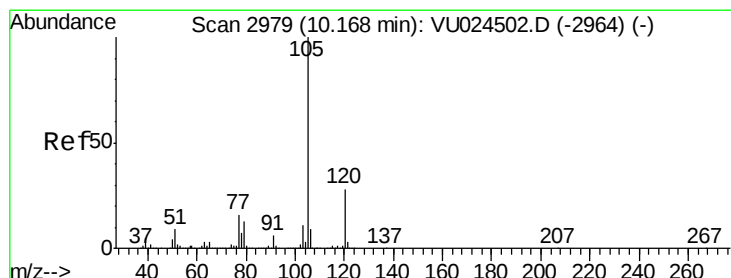
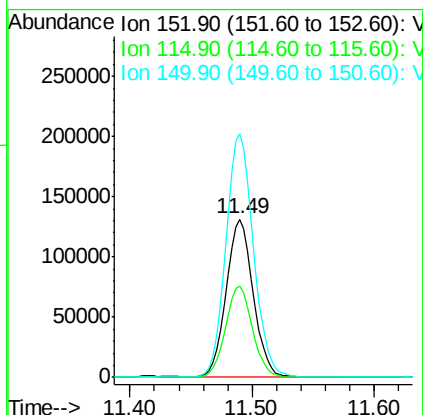
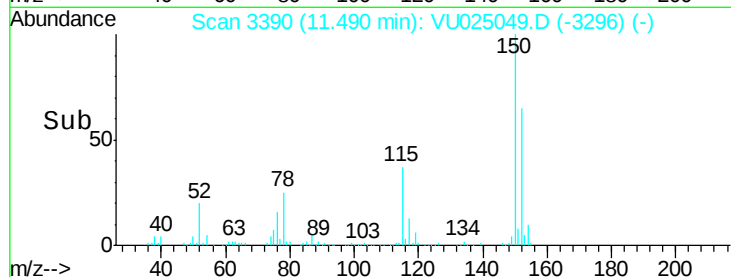
150 158.0 0.0 354.0



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



#73

Isopropylbenzene

Concen: 0.673 ug/l

RT: 10.17 min Scan# 2981

Delta R.T. 0.01 min

Lab File: VU025049.D

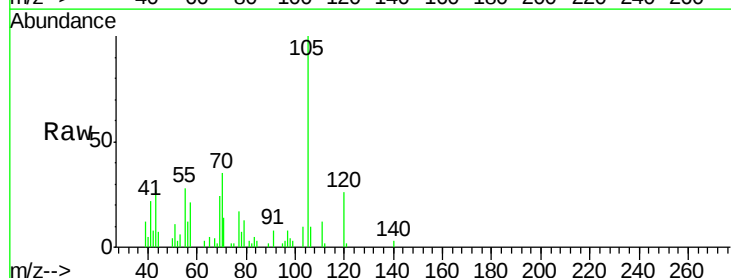
Acq: 29 Jun 2018 03:36

Tgt Ion:105 Resp: 10505

Ion Ratio Lower Upper

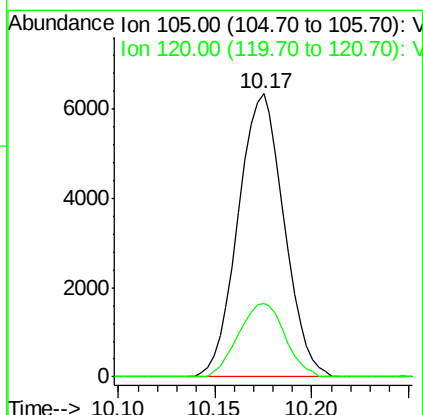
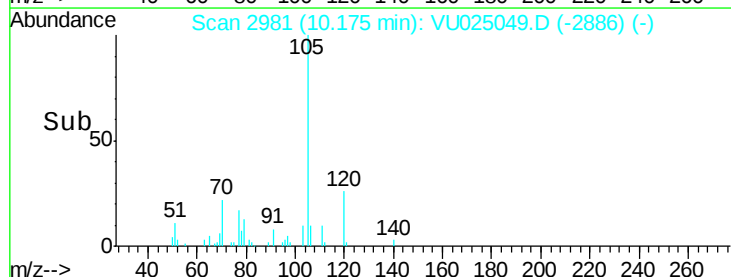
105 100

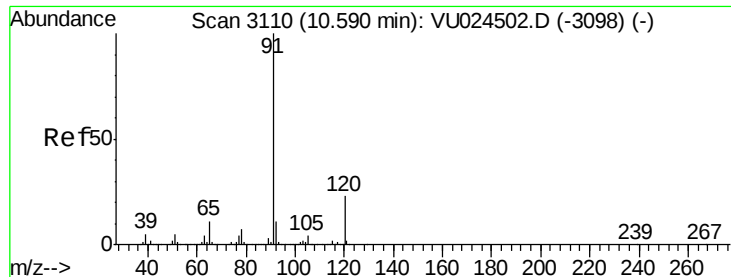
120 26.3 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 1.316 ug/l

RT: 10.60 min Scan# 3112

Delta R.T. 0.01 min

Lab File: VU025049.D

Acq: 29 Jun 2018 03:36

Instrument :

MSVOA_U

ClientSampleId :

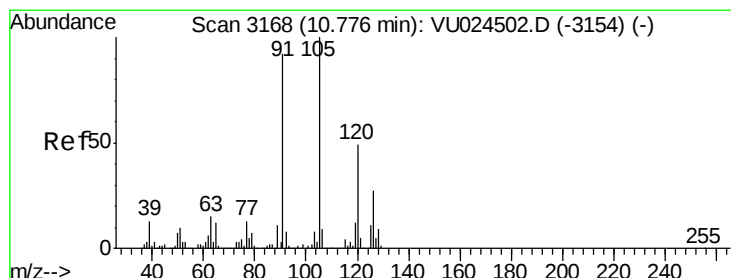
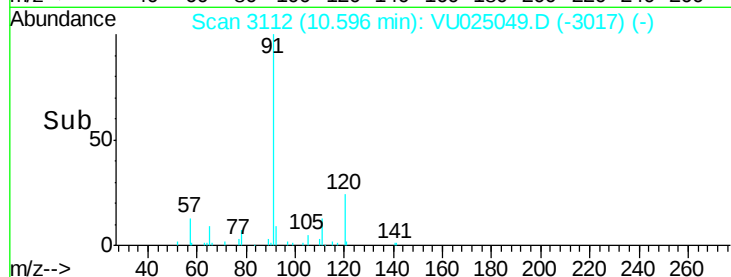
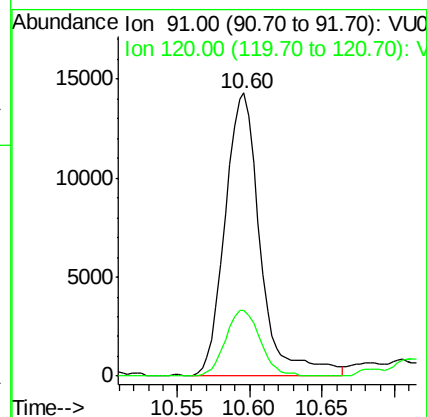
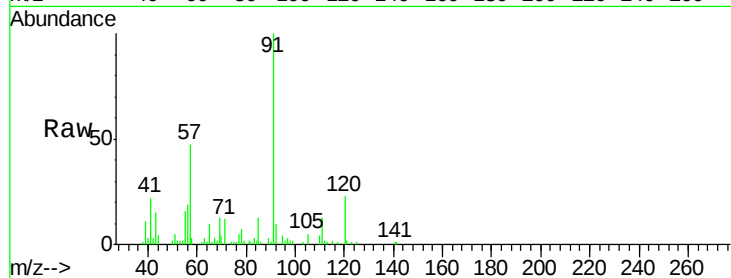
WP021SB481-17-19-180621ME

Tgt Ion: 91 Resp: 24196

Ion Ratio Lower Upper

91 100

120 22.9 11.2 33.5



#80

1,3,5-Trimethylbenzene

Concen: 0.827 ug/l

RT: 10.78 min Scan# 3169

Delta R.T. 0.00 min

Lab File: VU025049.D

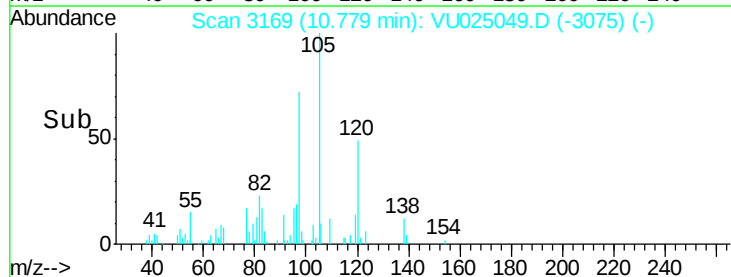
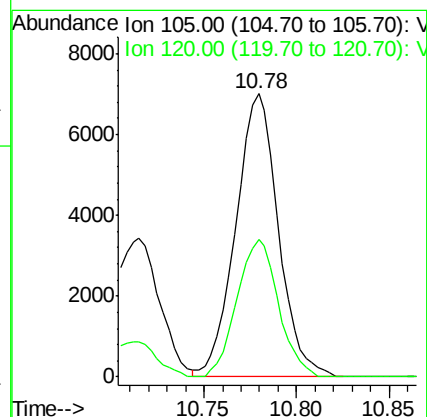
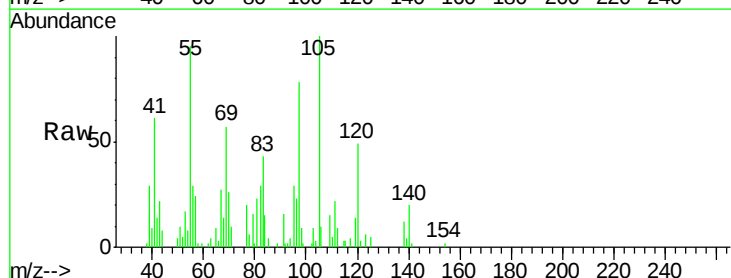
Acq: 29 Jun 2018 03:36

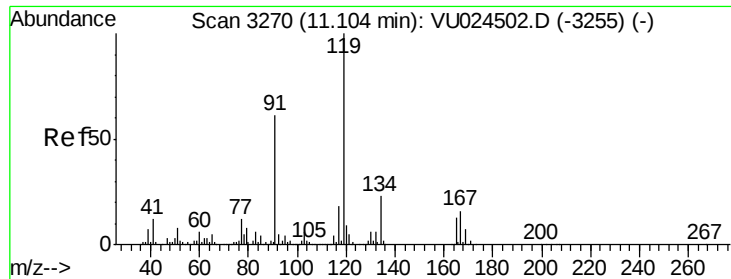
Tgt Ion: 105 Resp: 11187

Ion Ratio Lower Upper

105 100

120 47.1 24.1 72.2

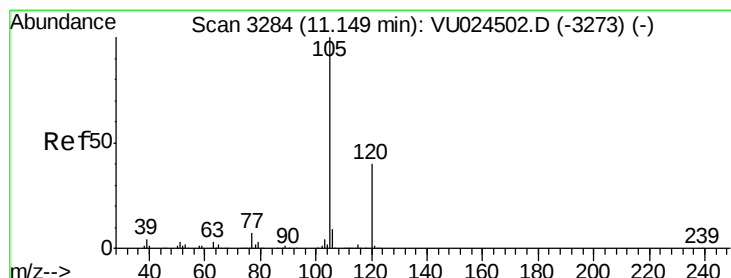
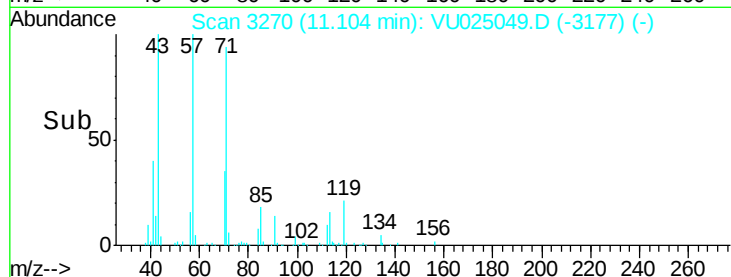
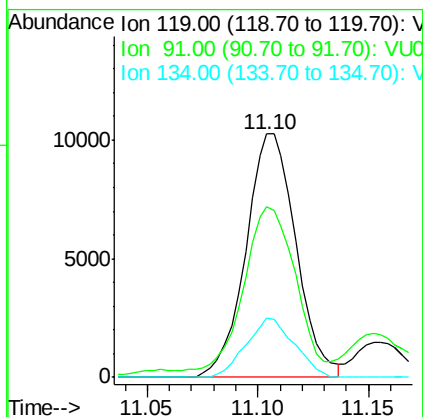
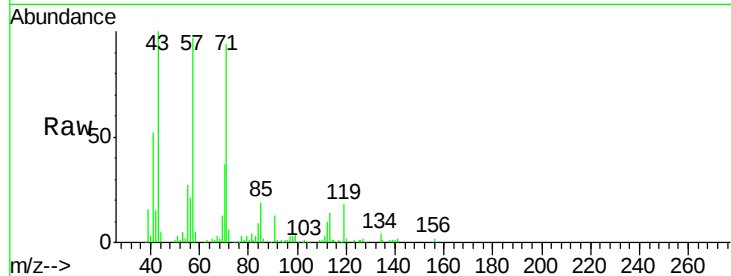




#83
 tert-Butylbenzene
 Concen: 1.239 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. -0.00 min
 Lab File: VU025049.D
 Acq: 29 Jun 2018 03:36

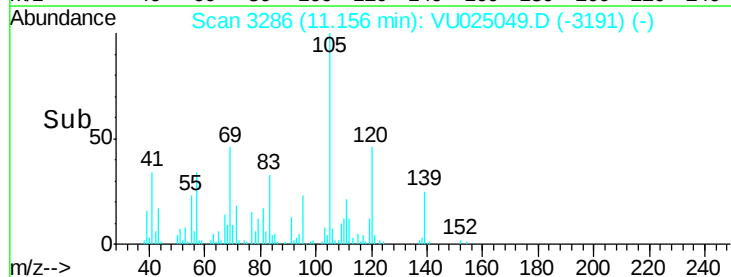
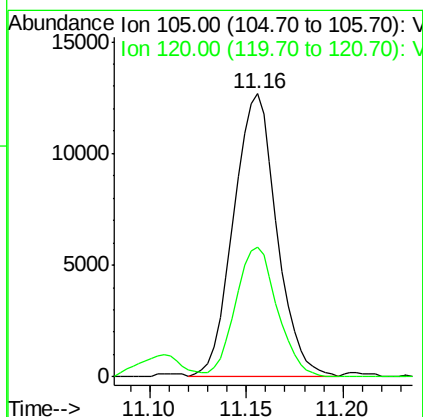
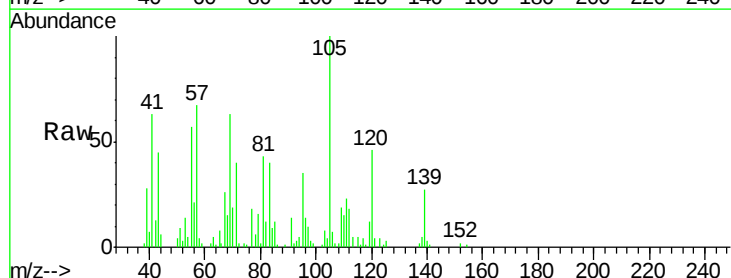
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB481-17-19-180621ME

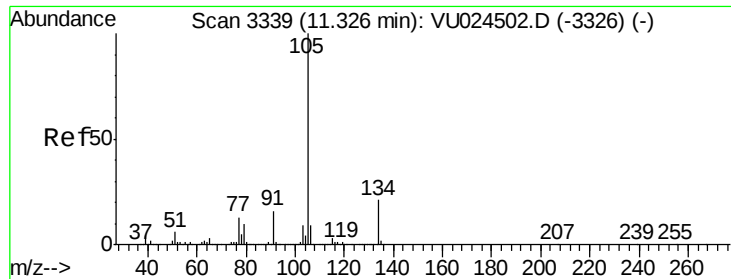
Tgt Ion	Ratio	Lower	Upper
119	100		
91	67.7	29.7	89.1
134	23.4	11.6	34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 1.431 ug/l
 RT: 11.16 min Scan# 3286
 Delta R.T. 0.01 min
 Lab File: VU025049.D
 Acq: 29 Jun 2018 03:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.6	67.8





#85

sec-Butylbenzene

Concen: 2.594 ug/l

RT: 11.33 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VU025049.D

Acq: 29 Jun 2018 03:36

Instrument :

MSVOA_U

ClientSampleId :

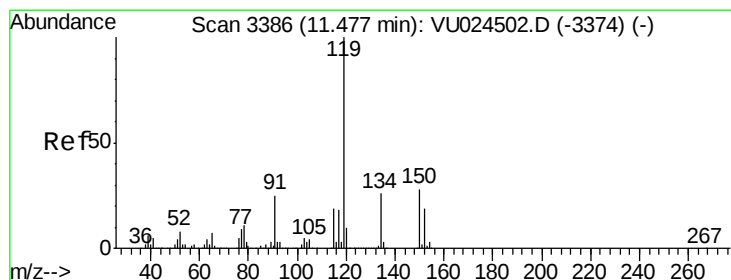
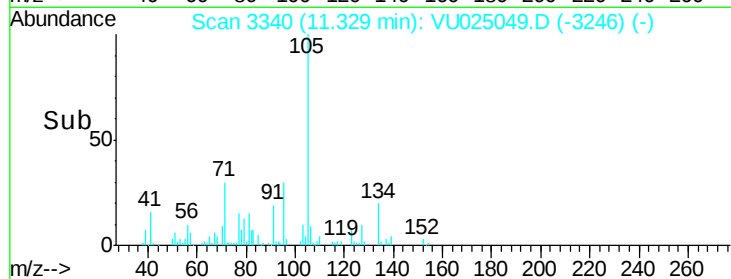
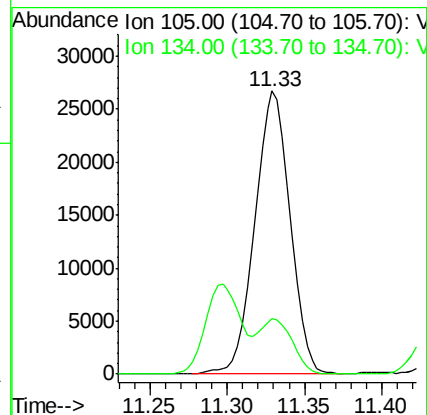
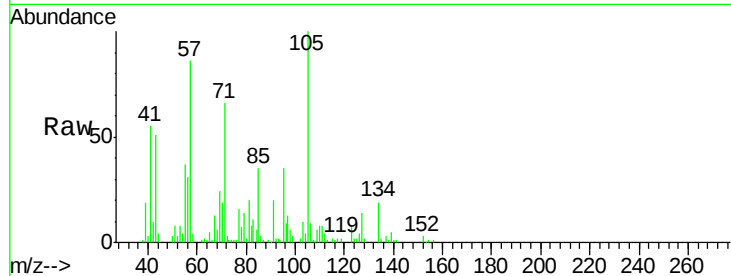
WP021SB481-17-19-180621ME

Tgt Ion:105 Resp: 42256

Ion Ratio Lower Upper

105 100

134 18.2 9.7 29.1



#86

p-Isopropyltoluene

Concen: 1.920 ug/l

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU025049.D

Acq: 29 Jun 2018 03:36

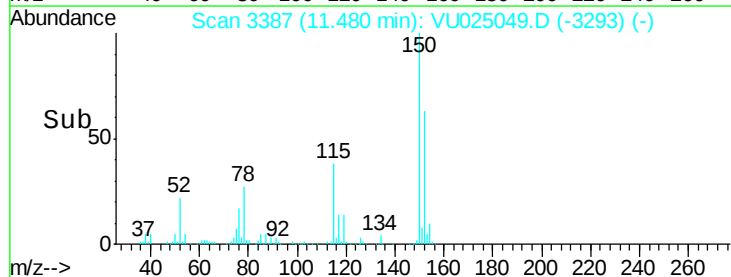
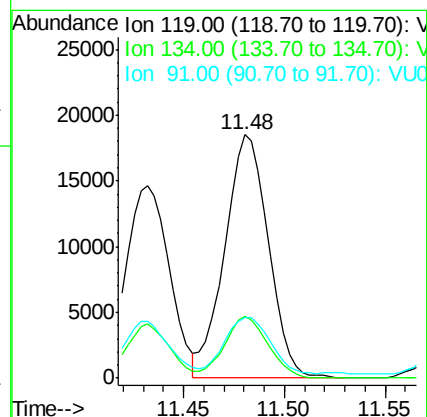
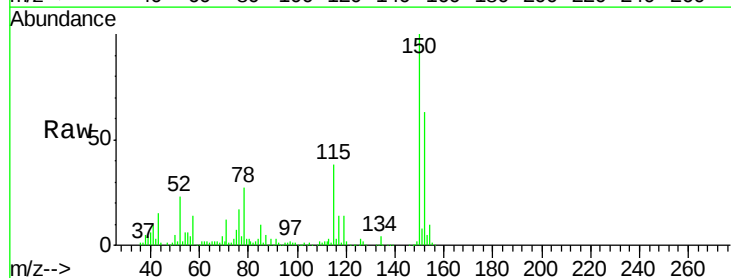
Tgt Ion:119 Resp: 28010

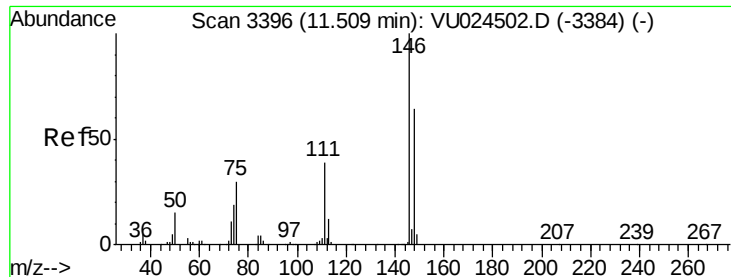
Ion Ratio Lower Upper

119 100

134 25.1 12.9 38.6

91 23.9 12.0 36.1

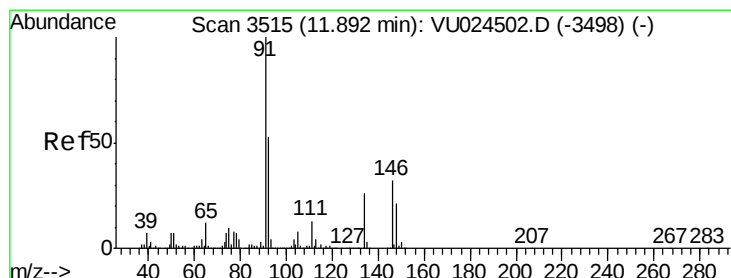
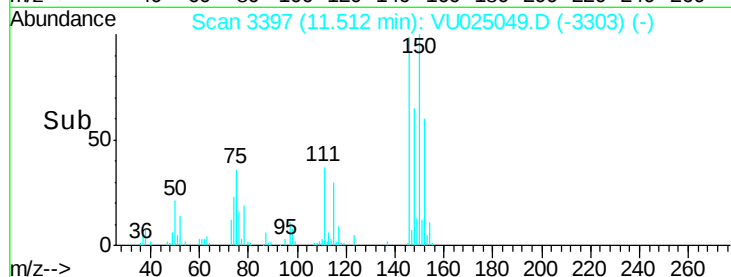
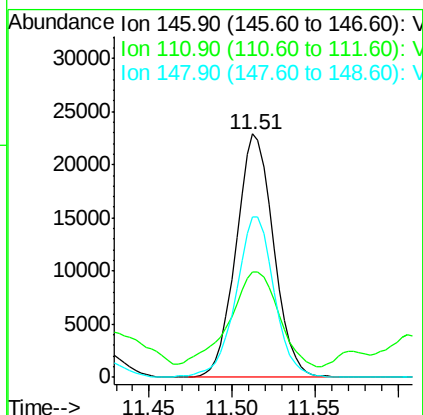
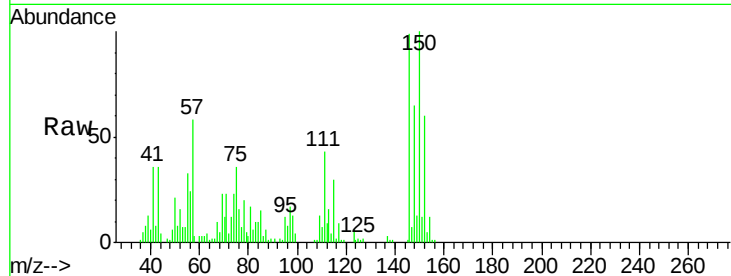




#88
 1,4-Dichlorobenzene
 Concen: 4.901 ug/l
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU025049.D
 Acq: 29 Jun 2018 03:36

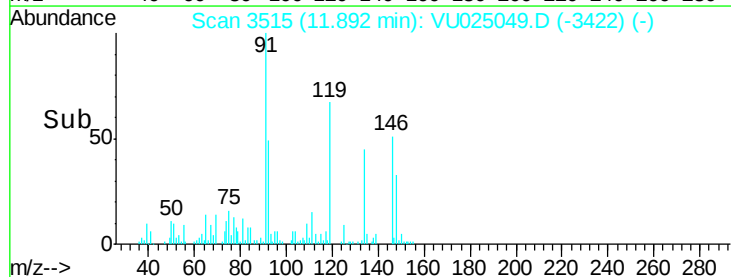
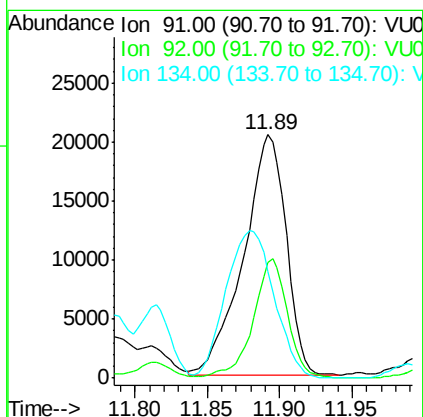
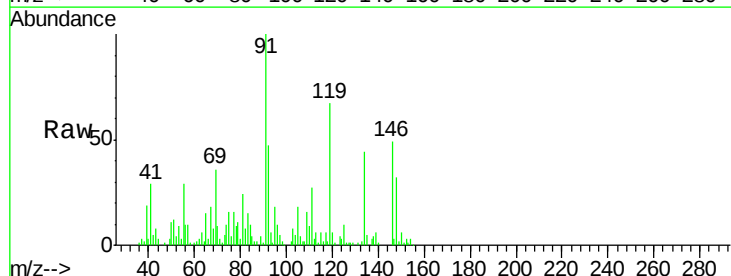
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB481-17-19-180621ME

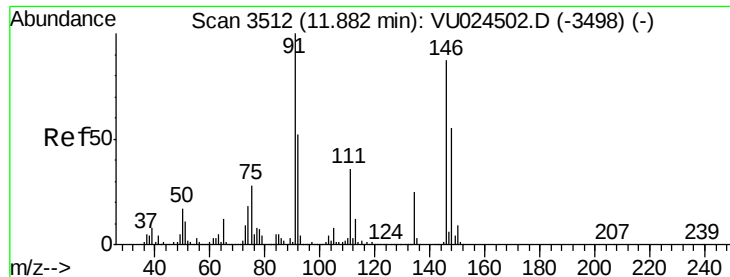
Tgt Ion:146 Resp: 36005
 Ion Ratio Lower Upper
 146 100
 111 51.2 19.5 58.5
 148 67.6 32.4 97.0



#89
 n-Butylbenzene
 Concen: 3.226 ug/l
 RT: 11.89 min Scan# 3515
 Delta R.T. -0.00 min
 Lab File: VU025049.D
 Acq: 29 Jun 2018 03:36

Tgt Ion: 91 Resp: 41777
 Ion Ratio Lower Upper
 91 100
 92 40.1 25.6 76.8
 134 69.1 12.3 36.8#

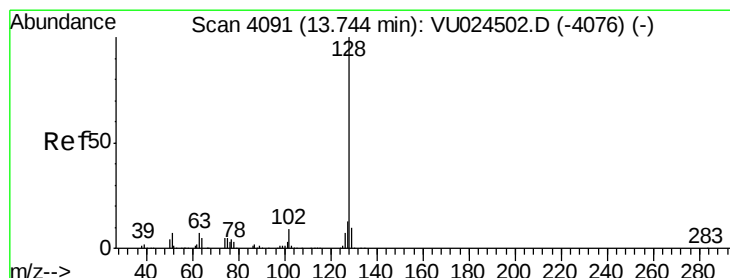
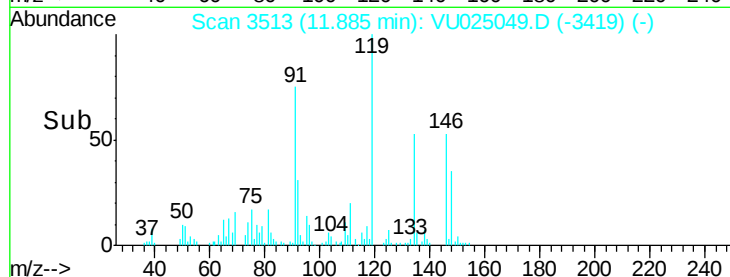
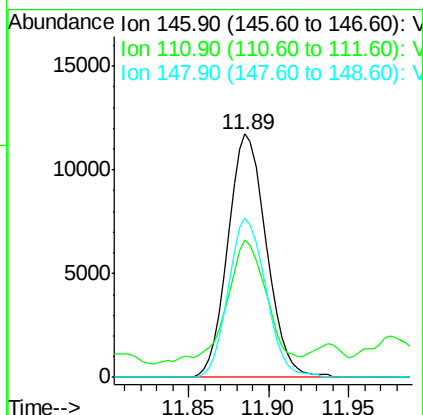
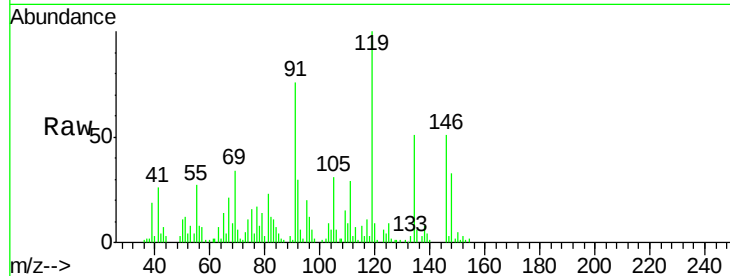




#91
1,2-Dichlorobenzene
Concen: 2.631 ug/l
RT: 11.89 min Scan# 3513
Delta R.T. 0.00 min
Lab File: VU025049.D
Acq: 29 Jun 2018 03:36

Instrument :
MSVOA_U
ClientSampleId :
WP021SB481-17-19-180621ME

Tgt Ion:146 Resp: 19234
Ion Ratio Lower Upper
146 100
111 52.2 20.5 61.6
148 63.6 31.9 95.7



#95
Naphthalene
Concen: 2.745 ug/l
RT: 13.75 min Scan# 4093
Delta R.T. 0.01 min
Lab File: VU025049.D
Acq: 29 Jun 2018 03:36

Tgt Ion:128 Resp: 31308
Ion Ratio Lower Upper
128 100
127 13.8 10.6 16.0
129 12.5 8.6 12.8

