

Data File : VU025014.D
Acq On : 28 Jun 2018 12:39
Operator : MD/SY
Sample : J3670-08ME
Misc : 5.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
WP021SB487-23-25-180621ME

Quant Time: Jul 06 05:08:07 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	226299	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	343086	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.10	117	340655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	203475	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	171259	46.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.72%	
35) Dibromofluoromethane	4.89	113	130434	45.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.62%	
50) Toluene-d8	7.57	98	500278	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
62) 4-Bromofluorobenzene	10.32	95	212236	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	

Target Compounds

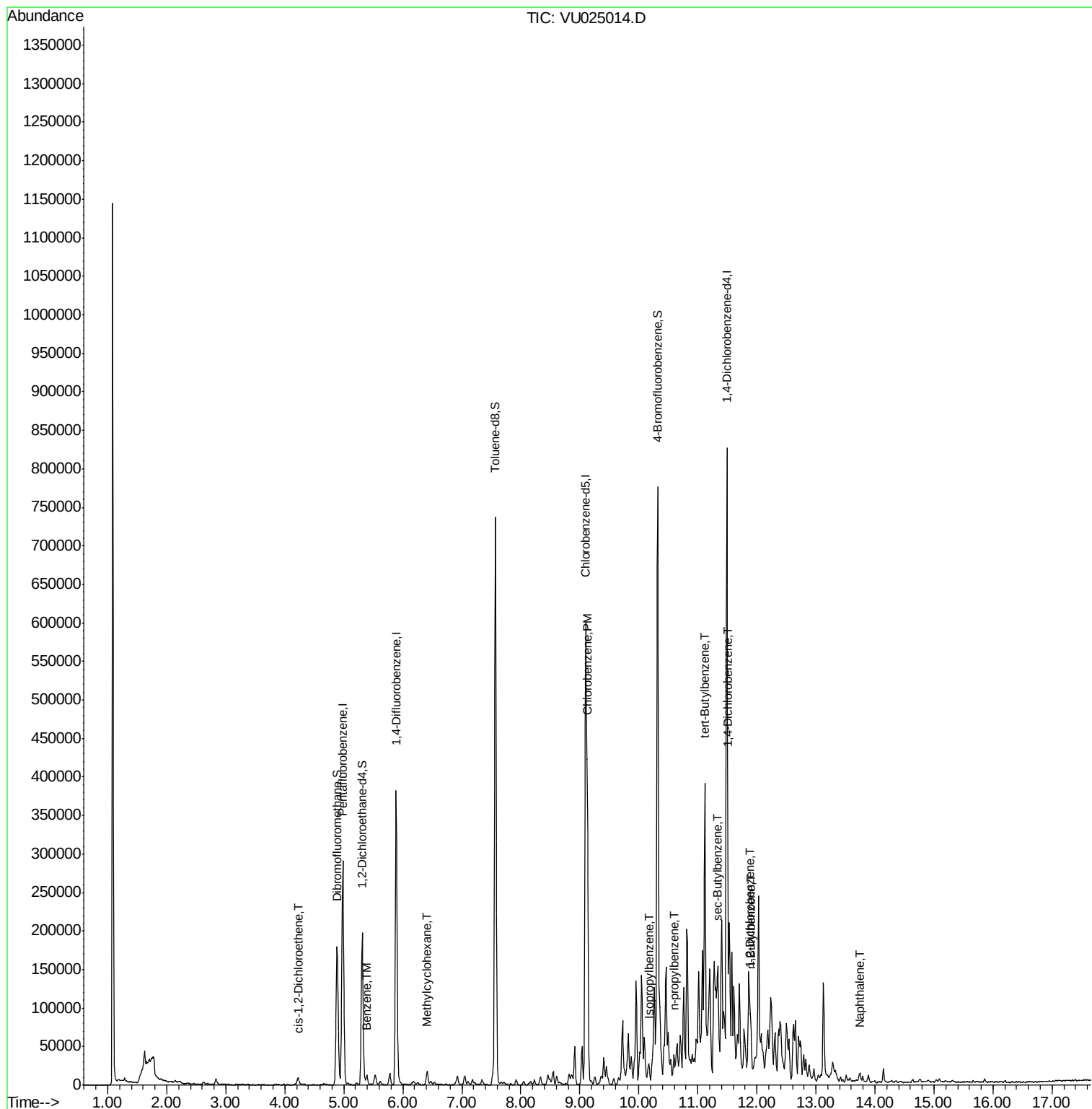
						Qvalue
27) cis-1,2-Dichloroethene	4.22	96	5601	1.717	ug/l	95
39) Methylcyclohexane	6.41	83	7142	1.420	ug/l	97
40) Benzene	5.39	78	11662	1.015	ug/l	99
65) Chlorobenzene	9.13	112	218640	25.124	ug/l	99
73) Isopropylbenzene	10.17	105	8734	0.559	ug/l	99
78) n-propylbenzene	10.60	91	14900	0.810	ug/l	98
83) tert-Butylbenzene	11.11	119	10082	0.774	ug/l	87
85) sec-Butylbenzene	11.33	105	30861	1.893	ug/l #	57
88) 1,4-Dichlorobenzene	11.51	146	7051	0.959	ug/l #	46
89) n-Butylbenzene	11.89	91	21395	1.650	ug/l #	87
91) 1,2-Dichlorobenzene	11.89	146	7863	1.074	ug/l	88
95) Naphthalene	13.75	128	5538	1.044	ug/l #	92

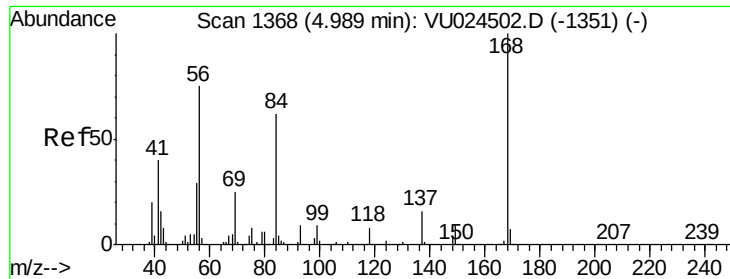
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

Lab File: VU025014.D

Acq: 28 Jun 2018 12:39

Instrument :

MSVOA_U

ClientSampleId :

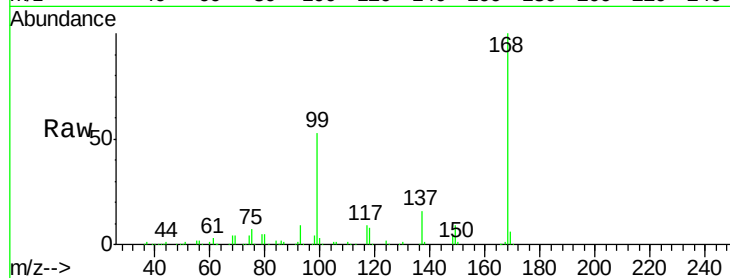
WP021SB487-23-25-180621ME

Tgt Ion:168 Resp: 226299

Ion Ratio Lower Upper

168 100

99 53.3 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU025014.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU025014.D (-1275) (-)

120000

100000

80000

60000

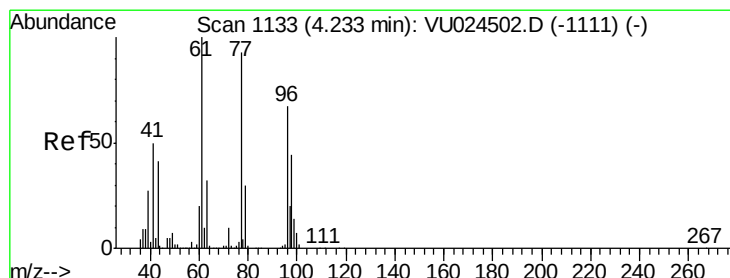
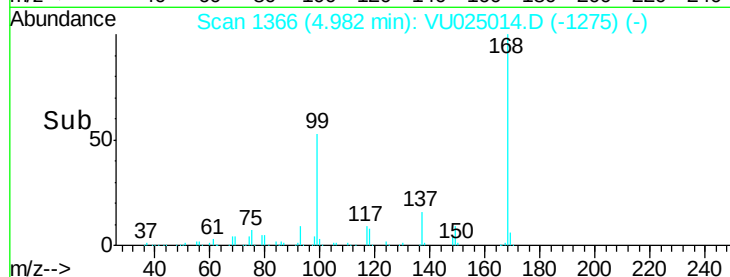
40000

20000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#27

cis-1,2-Dichloroethene

Concen: 1.717 ug/l

RT: 4.22 min Scan# 1129

Delta R.T. -0.01 min

Lab File: VU025014.D

Acq: 28 Jun 2018 12:39

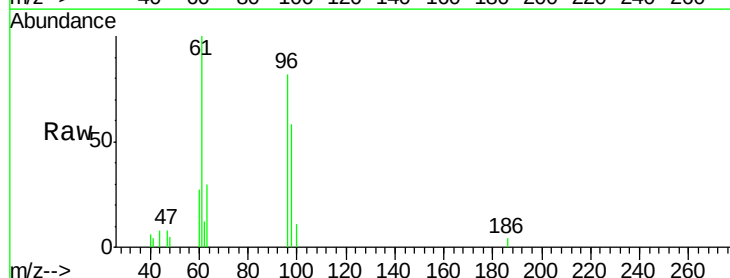
Tgt Ion: 96 Resp: 5601

Ion Ratio Lower Upper

96 100

61 145.7 0.0 306.6

98 61.8 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VU025014.D (-1040) (-)

Ion 60.90 (60.60 to 61.60): VU025014.D (-1040) (-)

Ion 97.90 (97.60 to 98.60): VU025014.D (-1040) (-)

3000

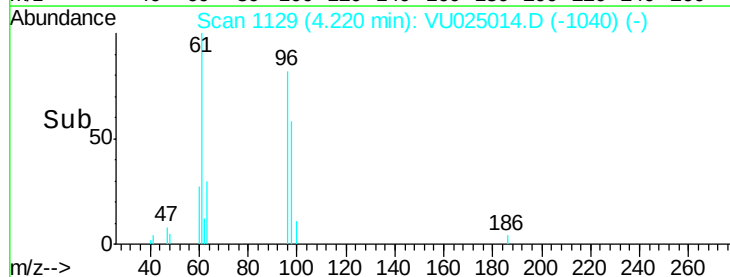
2000

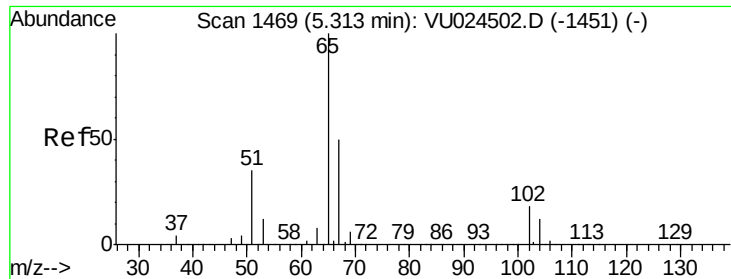
1000

0

4.15 4.20 4.25 4.30

Time-->

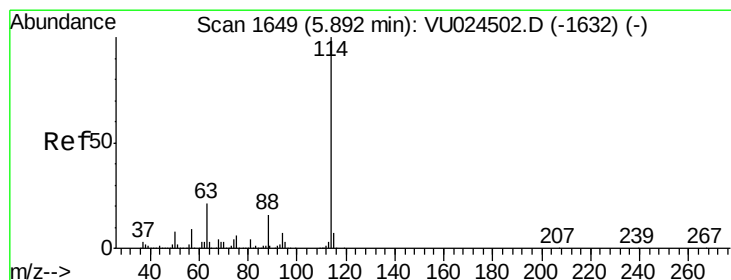
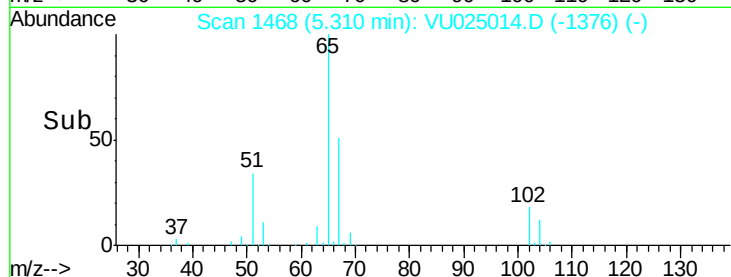
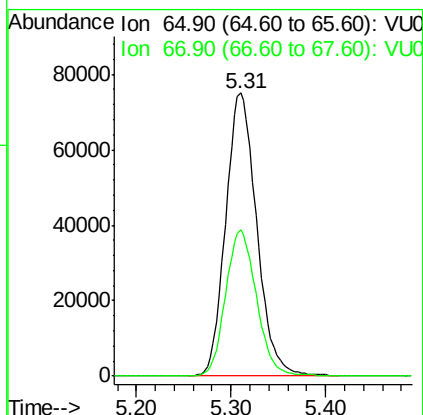
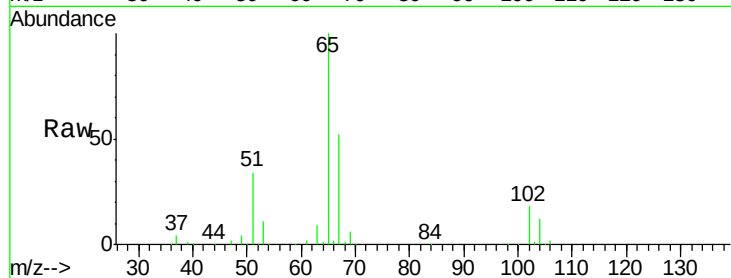




#33
 1,2-Dichloroethane-d4
 Concen: 46.357 ug/l
 RT: 5.31 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: VU025014.D
 Acq: 28 Jun 2018 12:39

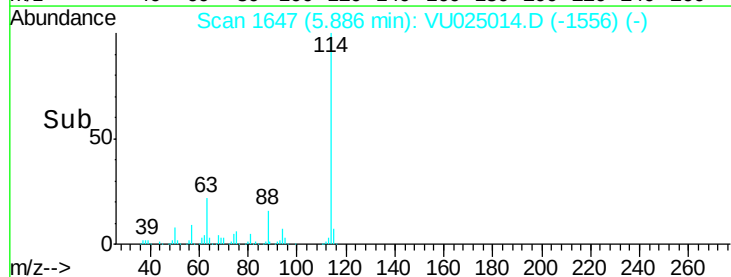
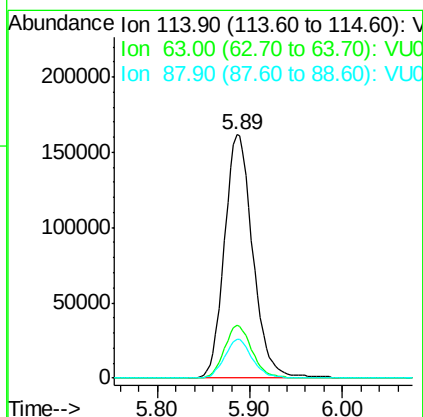
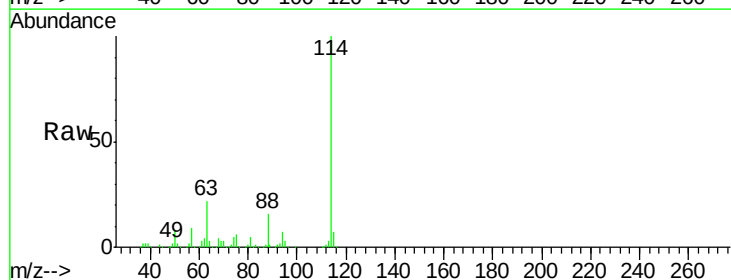
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB487-23-25-180621ME

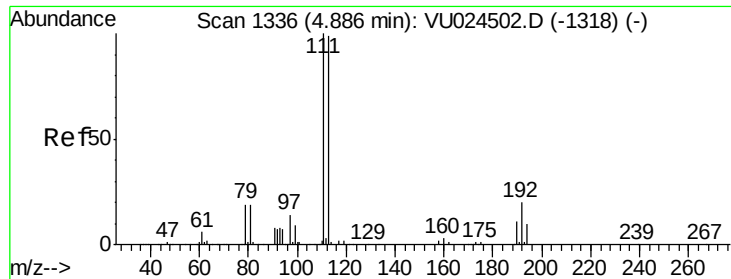
Tgt Ion: 65 Resp: 171259
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: VU025014.D
 Acq: 28 Jun 2018 12:39

Tgt Ion: 114 Resp: 343086
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 45.4
 88 15.9 0.0 31.0

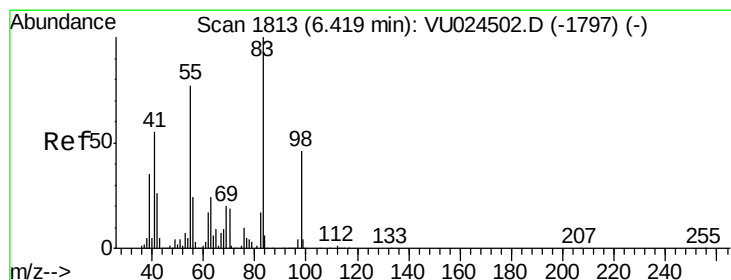
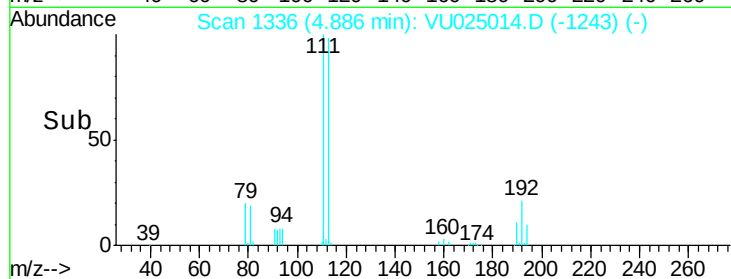
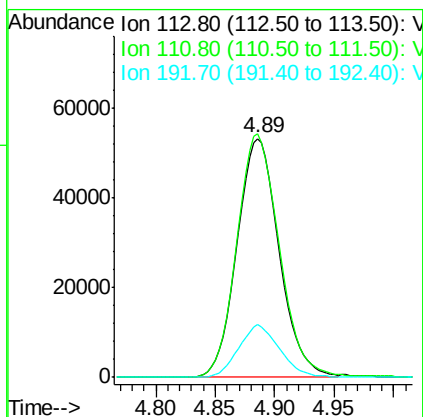
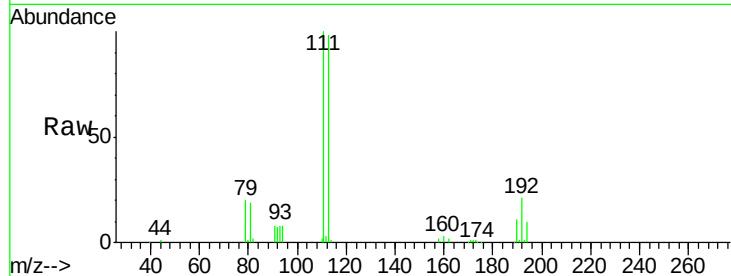




#35
 Dibromofluoromethane
 Concen: 45.809 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU025014.D
 Acq: 28 Jun 2018 12:39

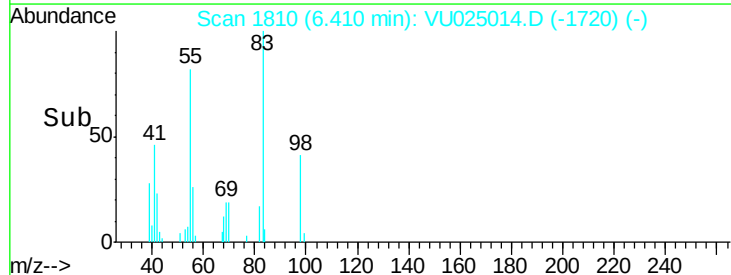
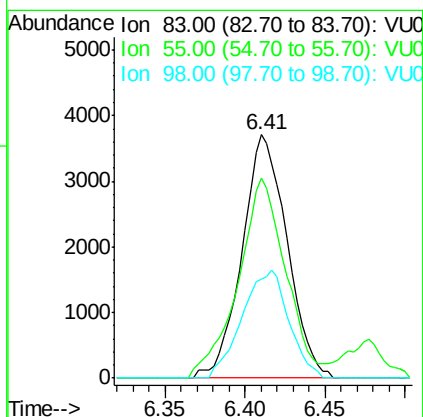
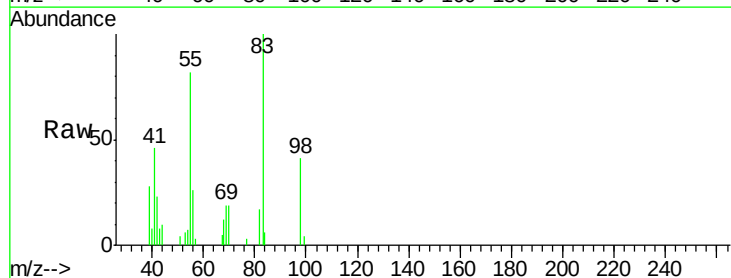
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB487-23-25-180621ME

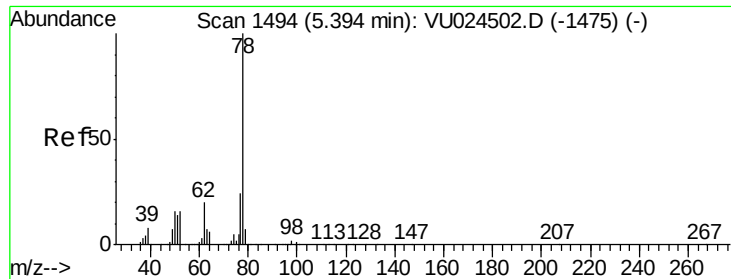
Tgt Ion:113 Resp: 130434
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.2 123.4
 192 21.5 16.2 24.4



#39
 Methylcyclohexane
 Concen: 1.420 ug/l
 RT: 6.41 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: VU025014.D
 Acq: 28 Jun 2018 12:39

Tgt Ion: 83 Resp: 7142
 Ion Ratio Lower Upper
 83 100
 55 82.2 65.8 98.6
 98 40.9 36.7 55.1





#40

Benzene

Concen: 1.015 ug/l

RT: 5.39 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VU025014.D

Acq: 28 Jun 2018 12:39

Instrument :

MSVOA_U

ClientSampleId :

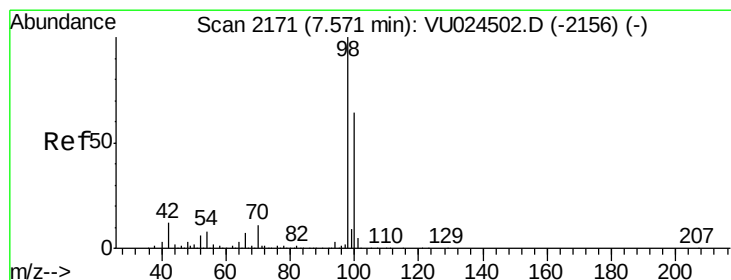
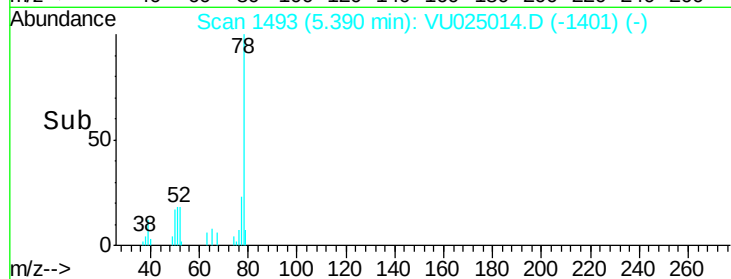
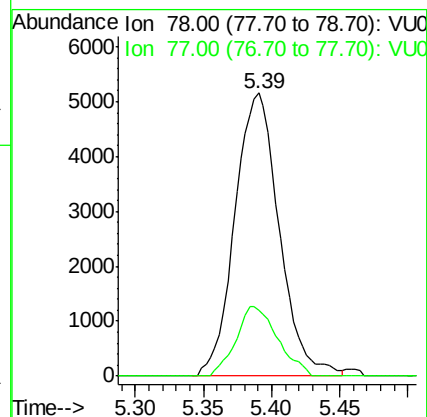
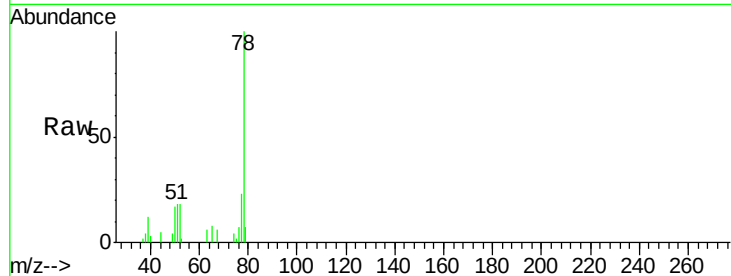
WP021SB487-23-25-180621ME

Tgt Ion: 78 Resp: 11662

Ion Ratio Lower Upper

78 100

77 23.3 19.2 28.8



#50

Toluene-d8

Concen: 48.169 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU025014.D

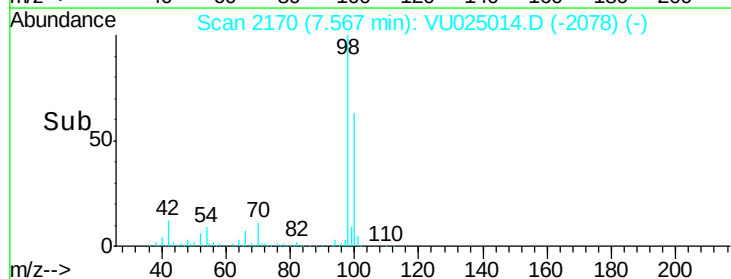
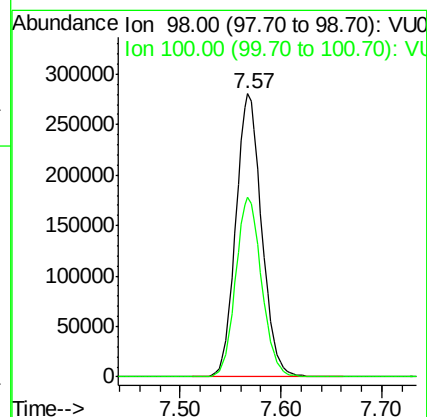
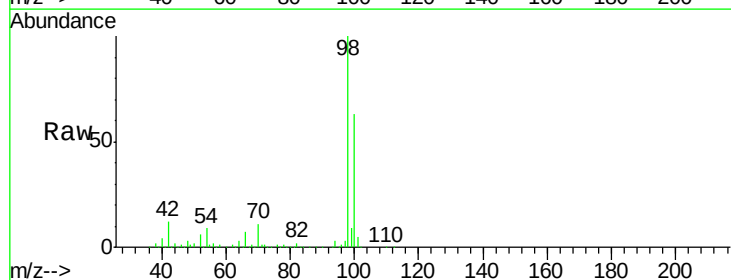
Acq: 28 Jun 2018 12:39

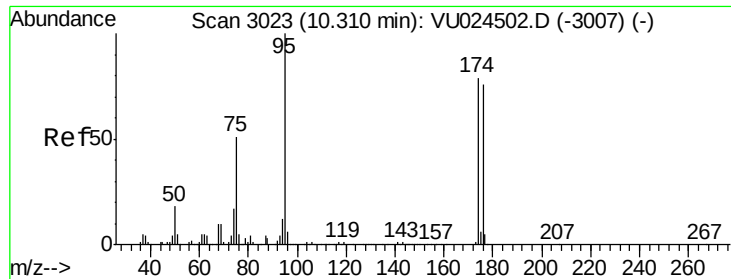
Tgt Ion: 98 Resp: 500278

Ion Ratio Lower Upper

98 100

100 63.7 51.1 76.7





#62

4-Bromofluorobenzene

Concen: 51.468 ug/l

RT: 10.32 min Scan# 3025

Delta R.T. 0.01 min

Lab File: VU025014.D

Acq: 28 Jun 2018 12:39

Instrument :

MSVOA_U

ClientSampleId :

WP021SB487-23-25-180621ME

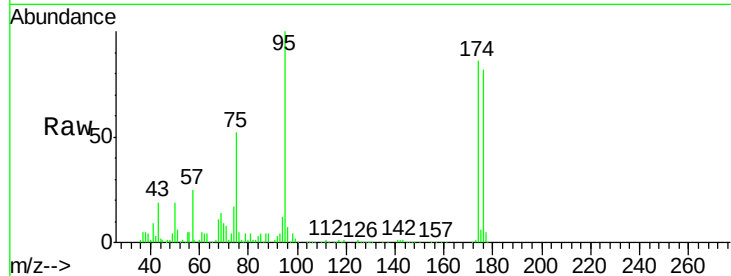
Tgt Ion: 95 Resp: 212236

Ion Ratio Lower Upper

95 100

174 84.1 0.0 165.8

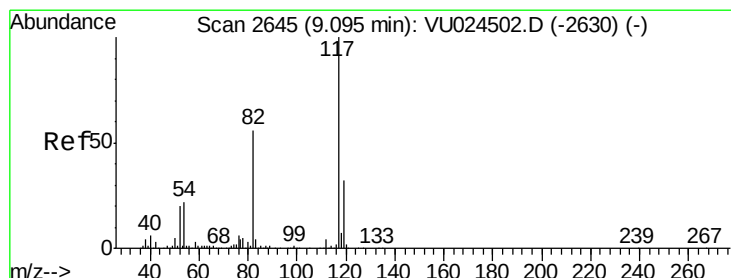
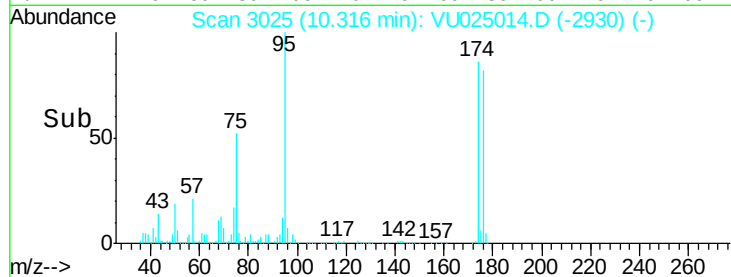
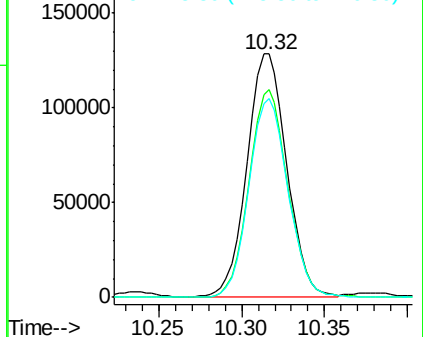
176 81.2 0.0 159.4



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: 9.10 min Scan# 2646

Delta R.T. 0.00 min

Lab File: VU025014.D

Acq: 28 Jun 2018 12:39

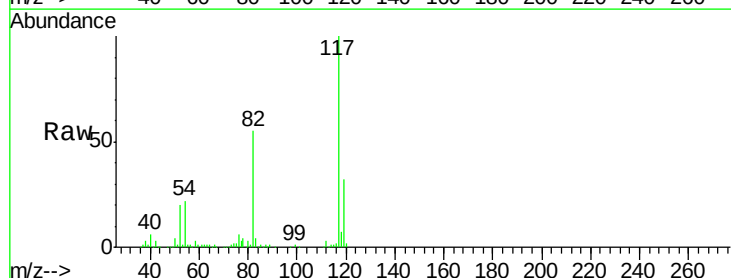
Tgt Ion: 117 Resp: 340655

Ion Ratio Lower Upper

117 100

82 54.6 44.3 66.5

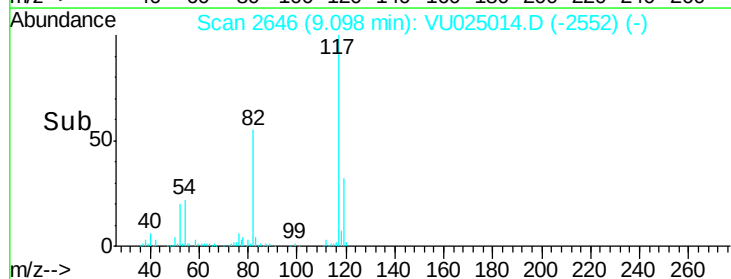
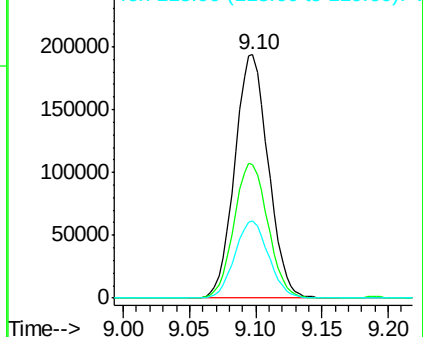
119 31.8 25.4 38.2

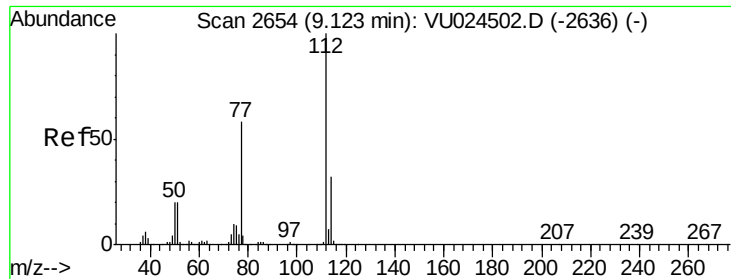


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V

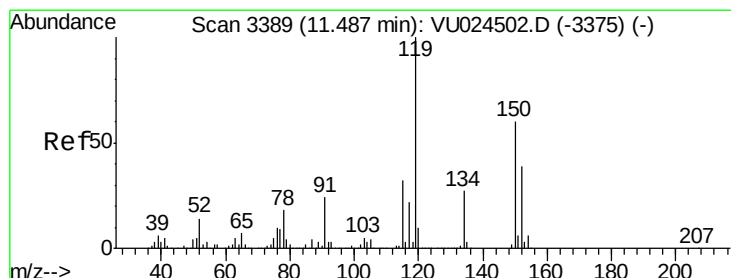
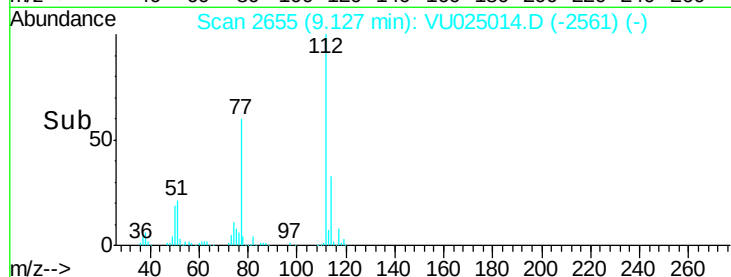
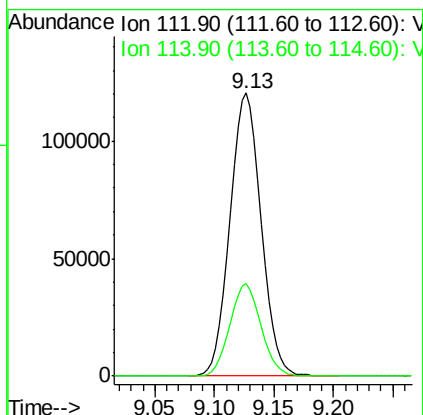
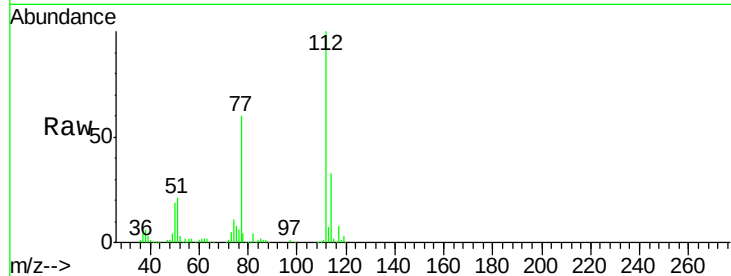




#65
Chlorobenzene
Concen: 25.124 ug/l
RT: 9.13 min Scan# 2655
Delta R.T. 0.00 min
Lab File: VU025014.D
Acq: 28 Jun 2018 12:39

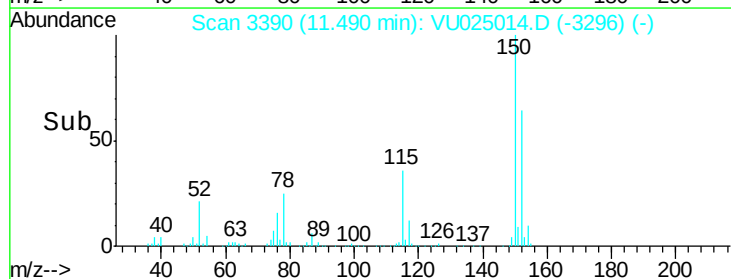
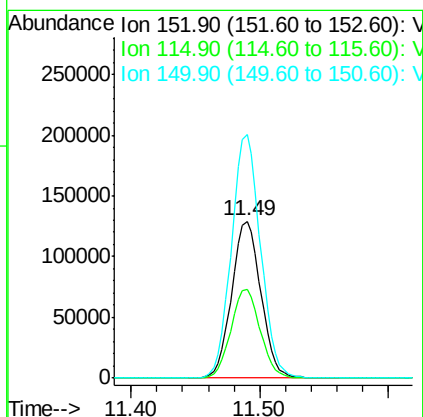
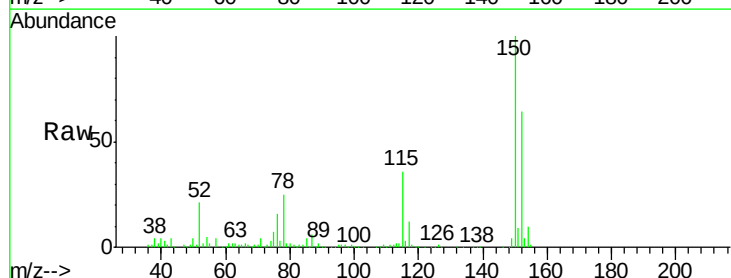
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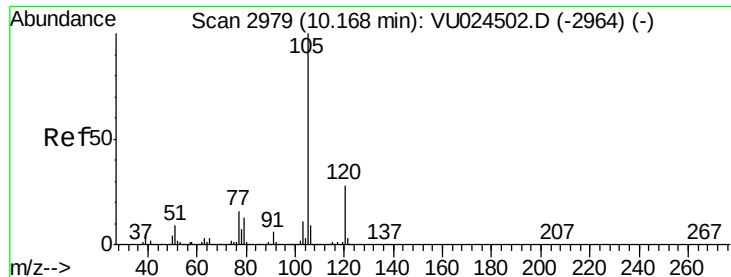
Tgt Ion:112 Resp: 218640
Ion Ratio Lower Upper
112 100
114 32.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VU025014.D
Acq: 28 Jun 2018 12:39

Tgt Ion:152 Resp: 203475
Ion Ratio Lower Upper
152 100
115 56.6 43.0 129.0
150 154.7 0.0 354.0





#73

Isopropylbenzene

Concen: 0.559 ug/l

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU025014.D

Acq: 28 Jun 2018 12:39

Instrument :

MSVOA_U

ClientSampleId :

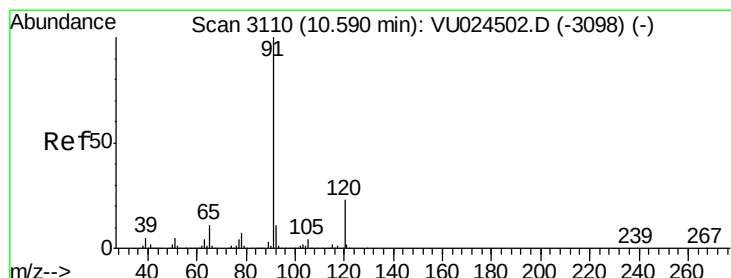
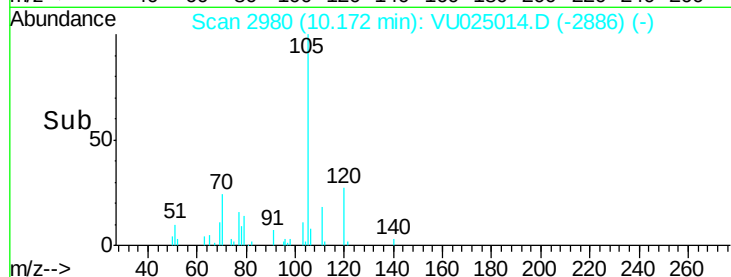
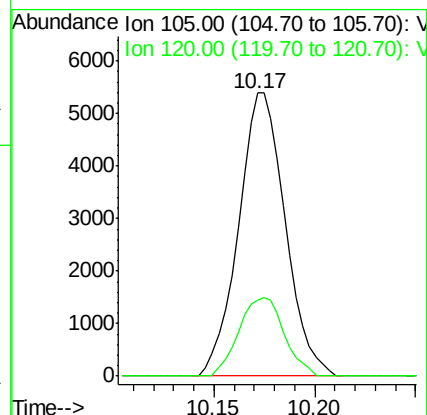
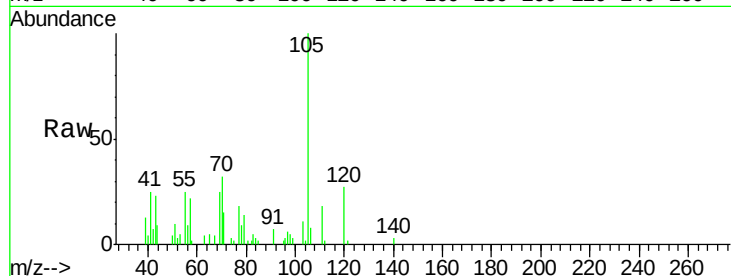
WP021SB487-23-25-180621ME

Tgt Ion: 105 Resp: 8734

Ion Ratio Lower Upper

105 100

120 26.9 13.2 39.6



#78

n-propylbenzene

Concen: 0.810 ug/l

RT: 10.60 min Scan# 3112

Delta R.T. 0.01 min

Lab File: VU025014.D

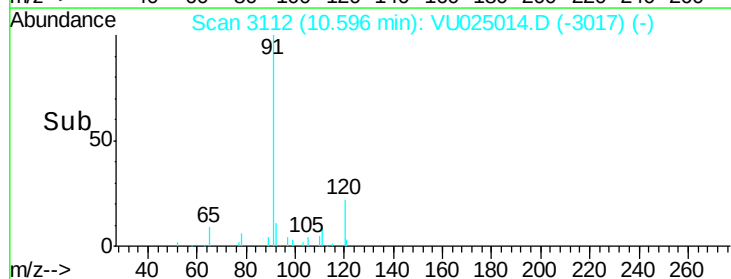
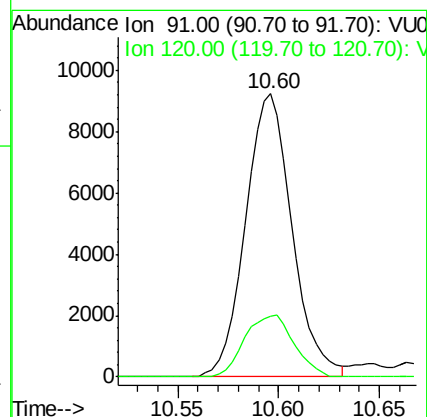
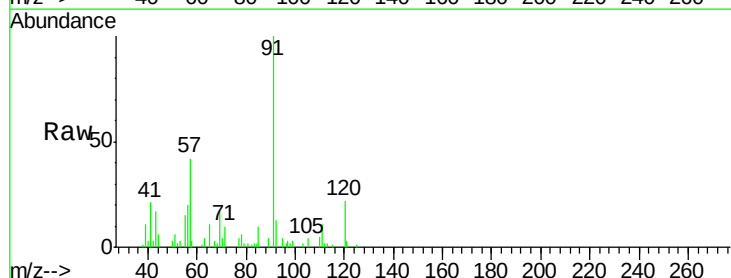
Acq: 28 Jun 2018 12:39

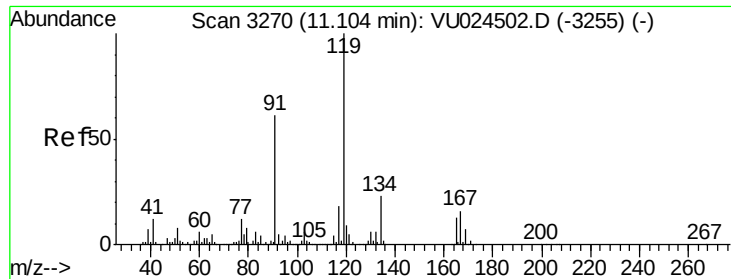
Tgt Ion: 91 Resp: 14900

Ion Ratio Lower Upper

91 100

120 23.1 11.2 33.5

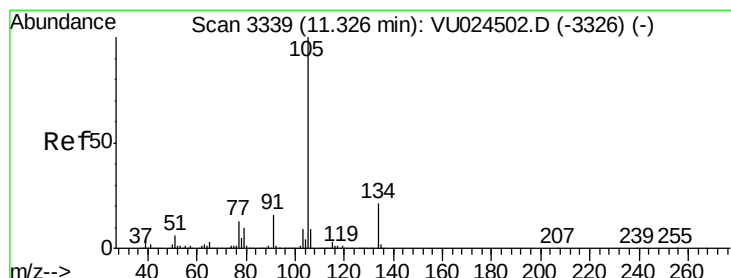
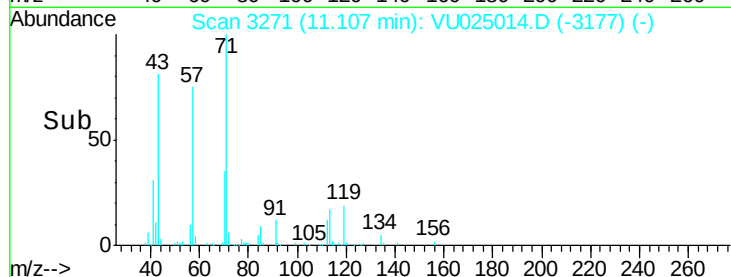
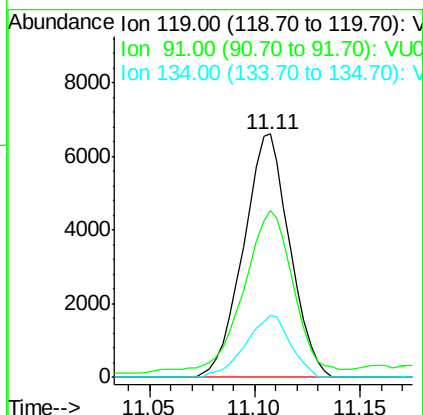
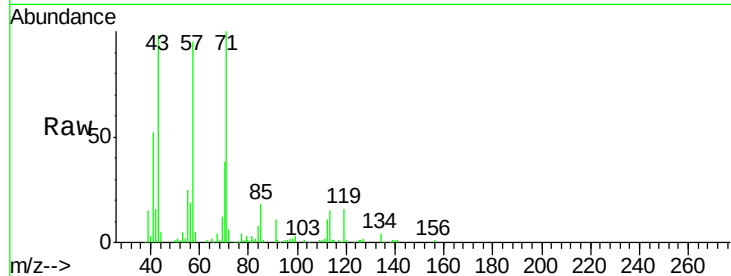




#83
 tert-Butylbenzene
 Concen: 0.774 ug/l
 RT: 11.11 min Scan# 3271
 Delta R.T. 0.00 min
 Lab File: VU025014.D
 Acq: 28 Jun 2018 12:39

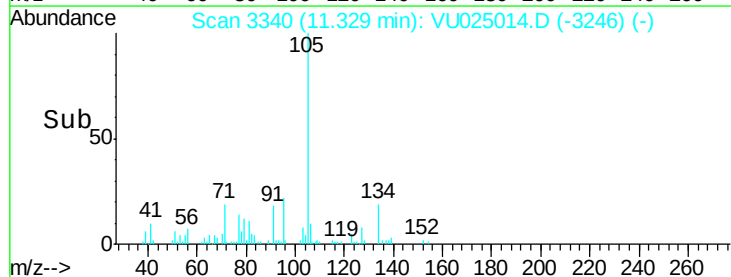
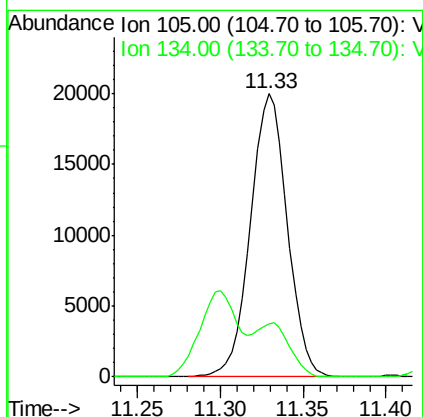
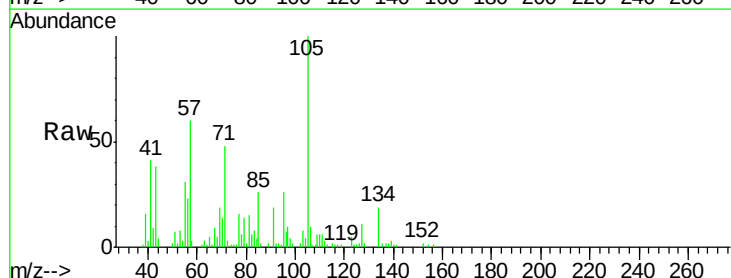
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB487-23-25-180621ME

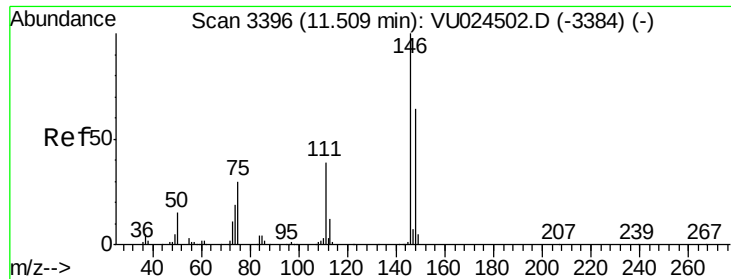
Tgt Ion	Ratio	Lower	Upper
119	100		
91	72.4	29.7	89.1
134	24.5	11.6	34.7



#85
 sec-Butylbenzene
 Concen: 1.893 ug/l
 RT: 11.33 min Scan# 3340
 Delta R.T. 0.00 min
 Lab File: VU025014.D
 Acq: 28 Jun 2018 12:39

Tgt Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.7	29.1#





#88

1,4-Dichlorobenzene

Concen: 0.959 ug/l

RT: 11.51 min Scan# 3397

Delta R.T. 0.00 min

Lab File: VU025014.D

Acq: 28 Jun 2018 12:39

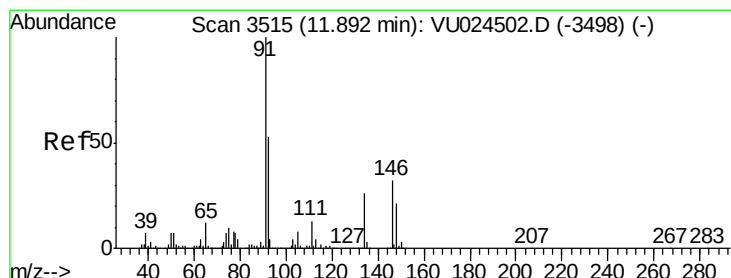
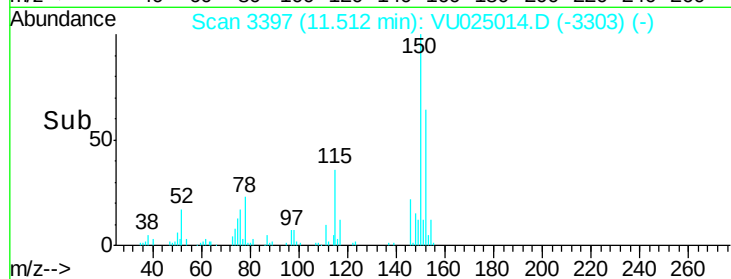
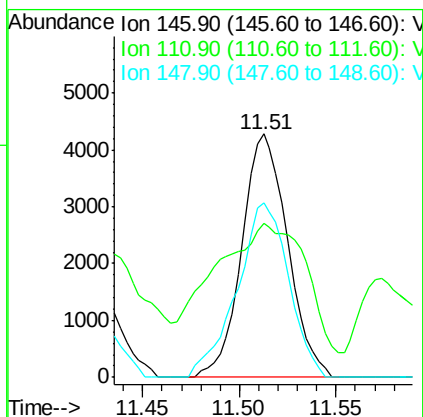
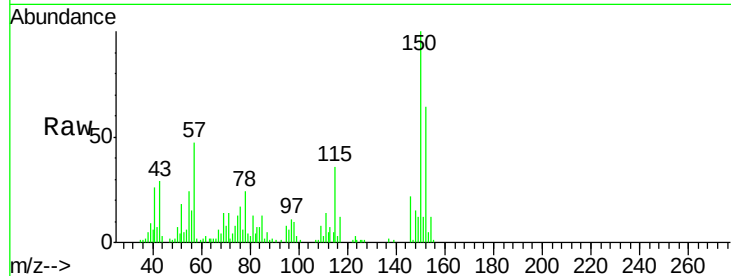
Instrument :

MSVOA_U

ClientSampleId :

WP021SB487-23-25-180621ME

Tgt Ion:	146	Resp:	7051
Ion	Ratio	Lower	Upper
146	100		
111	105.7	19.5	58.5#
148	81.0	32.4	97.0



#89

n-Butylbenzene

Concen: 1.650 ug/l

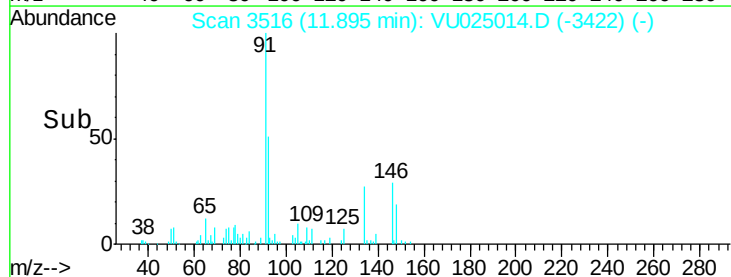
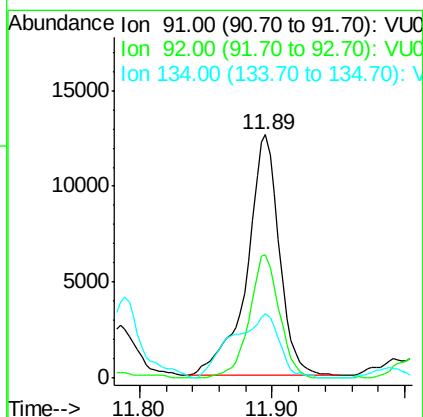
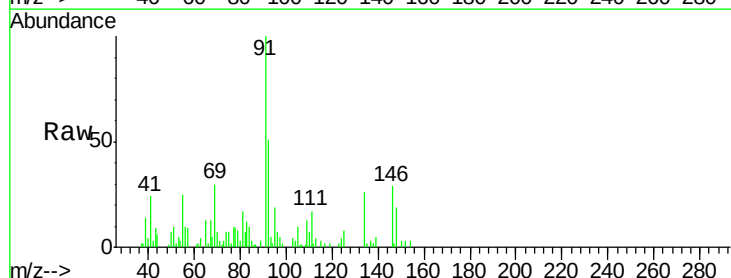
RT: 11.89 min Scan# 3516

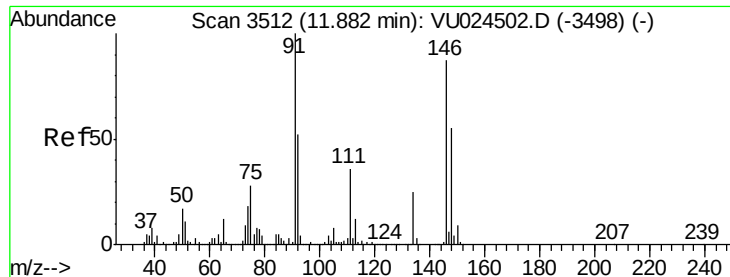
Delta R.T. 0.00 min

Lab File: VU025014.D

Acq: 28 Jun 2018 12:39

Tgt Ion:	91	Resp:	21395
Ion	Ratio	Lower	Upper
91	100		
92	47.2	25.6	76.8
134	38.8	12.3	36.8#

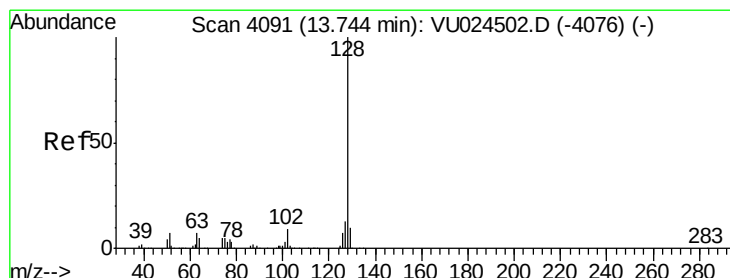
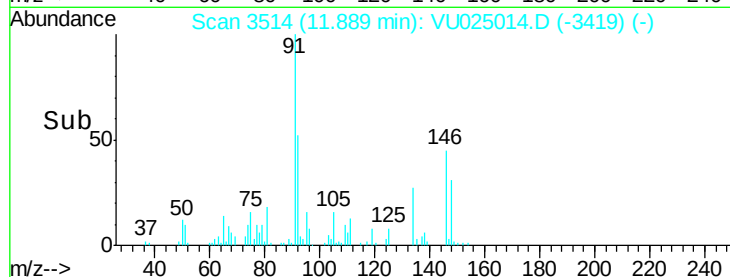
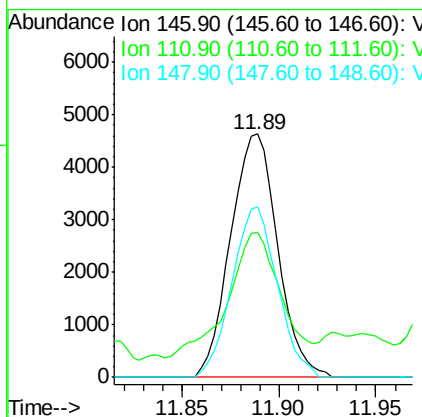
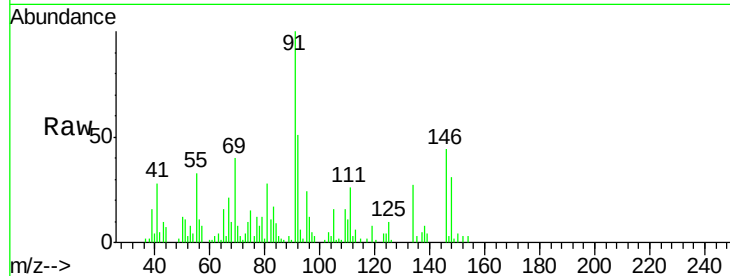




#91
1,2-Dichlorobenzene
Concen: 1.074 ug/l
RT: 11.89 min Scan# 3514
Delta R.T. 0.01 min
Lab File: VU025014.D
Acq: 28 Jun 2018 12:39

Instrument :
MSVOA_U
ClientSampleId :
WP021SB487-23-25-180621ME

Tgt Ion:146 Resp: 7863
Ion Ratio Lower Upper
146 100
111 56.3 20.5 61.6
148 67.3 31.9 95.7



#95
Naphthalene
Concen: 1.044 ug/l
RT: 13.75 min Scan# 4094
Delta R.T. 0.01 min
Lab File: VU025014.D
Acq: 28 Jun 2018 12:39

Tgt Ion:128 Resp: 5538
Ion Ratio Lower Upper
128 100
127 14.1 10.6 16.0
129 16.7 8.6 12.8#

