

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062518\
 Data File : VU024900.D
 Acq On : 26 Jun 2018 01:49
 Operator : MD/SY
 Sample : J3669-27ME
 Misc : 6.20g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB474-25-27-180620ME

Quant Time: Jun 26 08:18:42 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

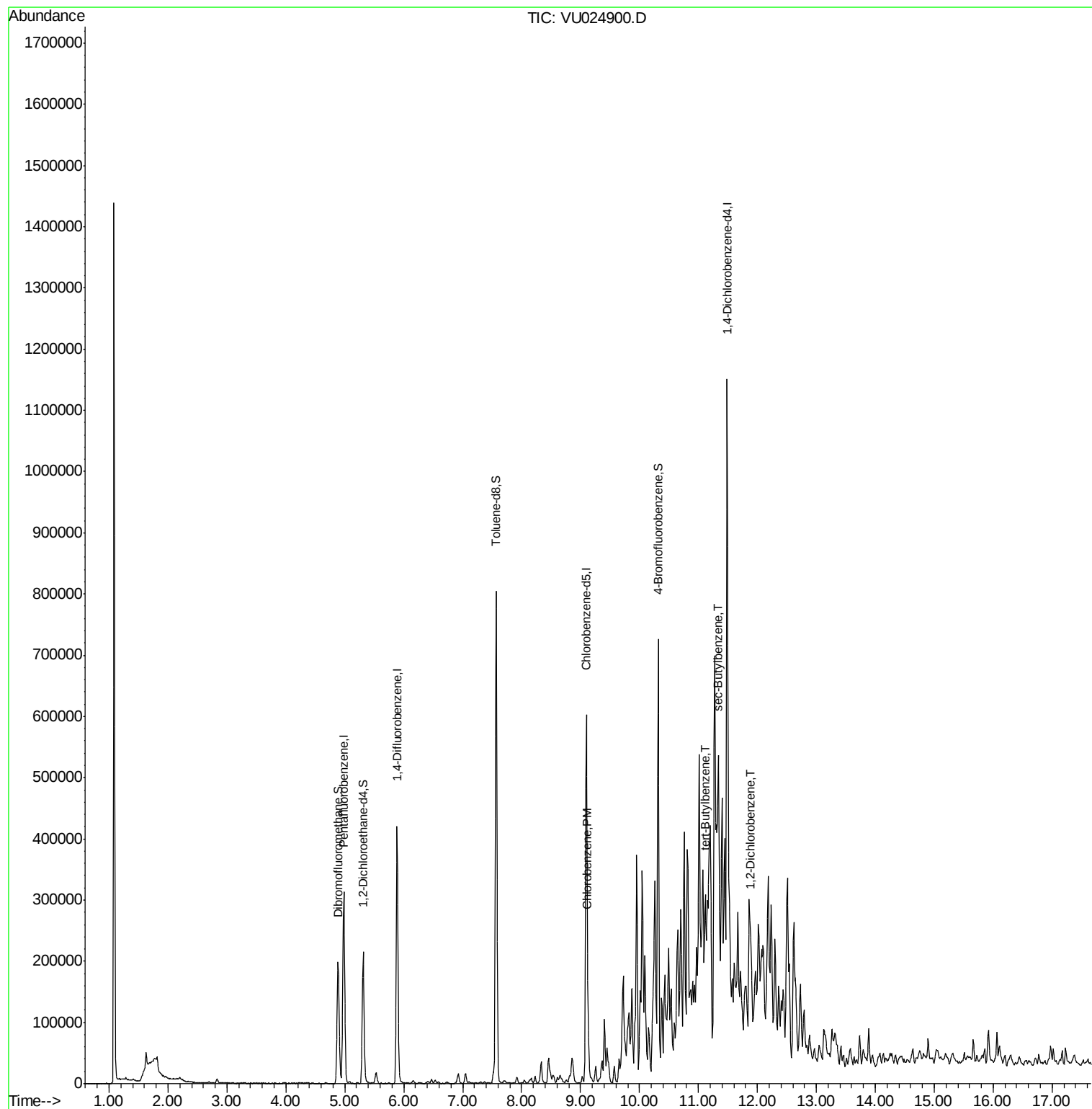
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	252482	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	382807	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.10	117	362607	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	217678	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	183223	44.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.90%	
35) Dibromofluoromethane	4.89	113	145760	45.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.76%	
50) Toluene-d8	7.57	98	545260	47.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.10%	
62) 4-Bromofluorobenzene	10.32	95	227487	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
Target Compounds						
65) Chlorobenzene	9.13	112	45254	4.89	ug/l	Qvalue 97
83) tert-Butylbenzene	11.10	119	15580	1.12	ug/l	92
85) sec-Butylbenzene	11.33	105	38954	2.23	ug/l	95
91) 1,2-Dichlorobenzene	11.89	146	9600	1.23	ug/l #	69

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.98 min Scan# 1366

Delta R.T. -0.01 min

Lab File: VU024900.D

Acq: 26 Jun 2018 01:49

Instrument :

MSVOA_U

ClientSampleId :

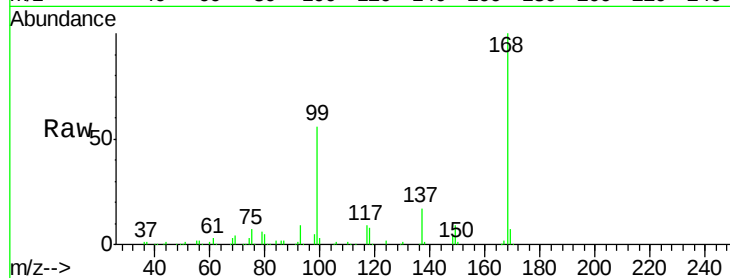
WP021SB474-25-27-180620ME

Tot Ion:168 Resp: 252482

Ion Ratio Lower Upper

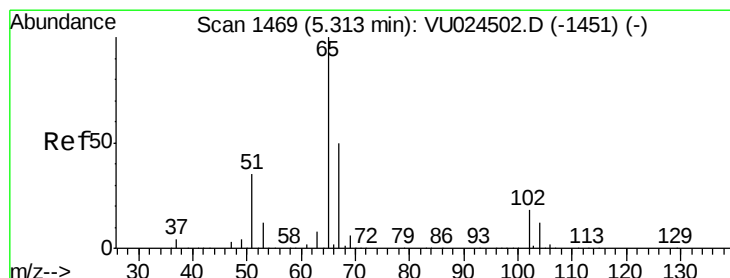
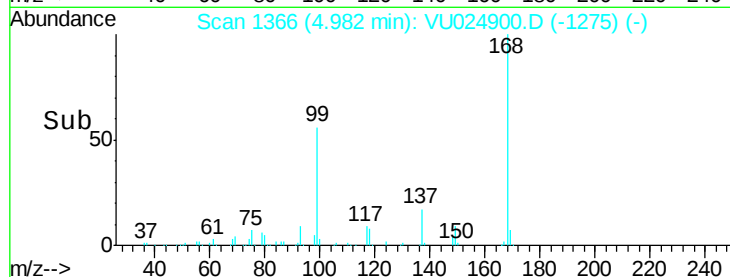
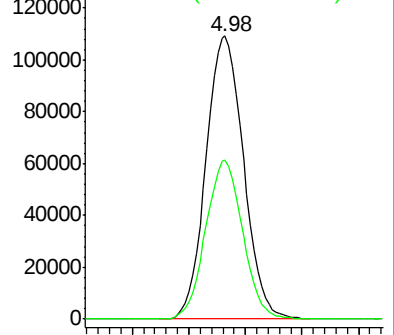
168 100

99 56.4 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024900.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU024900.D (-1275) (-)



#33

1,2-Dichloroethane-d4

Concen: 44.45 ug/l

RT: 5.31 min Scan# 1468

Delta R.T. -0.00 min

Lab File: VU024900.D

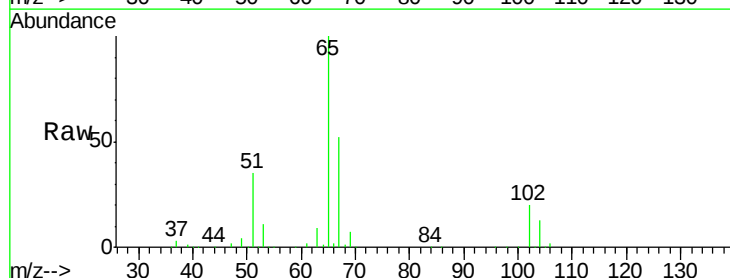
Acq: 26 Jun 2018 01:49

Tgt Ion: 65 Resp: 183223

Ion Ratio Lower Upper

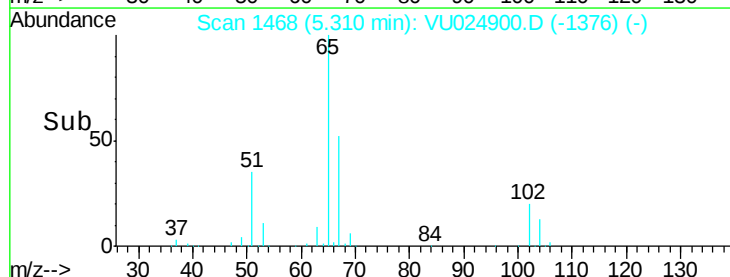
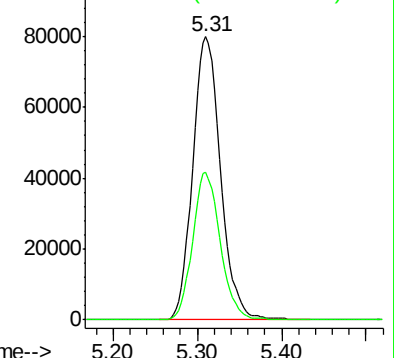
65 100

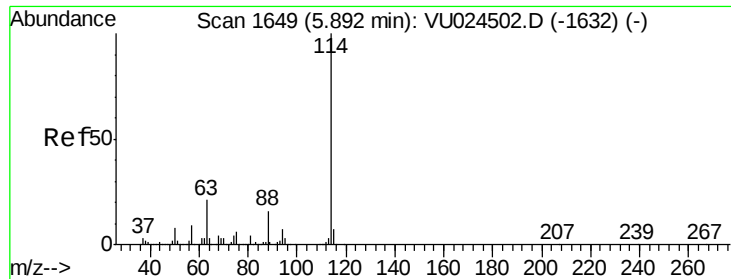
67 51.7 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU024900.D (-1376) (-)

Ion 66.90 (66.60 to 67.60): VU024900.D (-1376) (-)





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1647

Delta R.T. -0.01 min

Lab File: VU024900.D

Acq: 26 Jun 2018 01:49

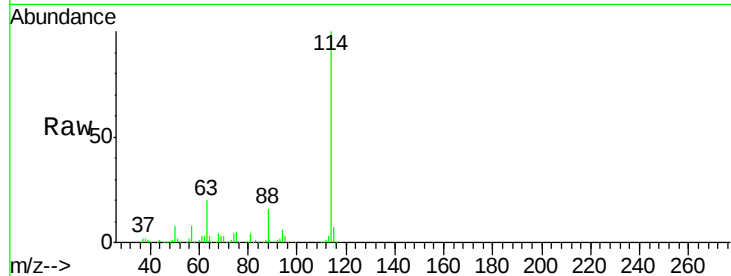
Instrument :

MSVOA_U

ClientSampleId :

WP021SB474-25-27-180620ME

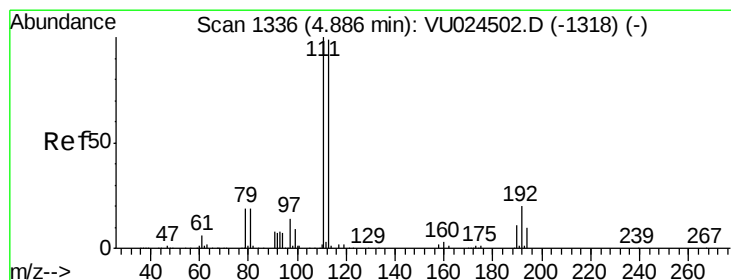
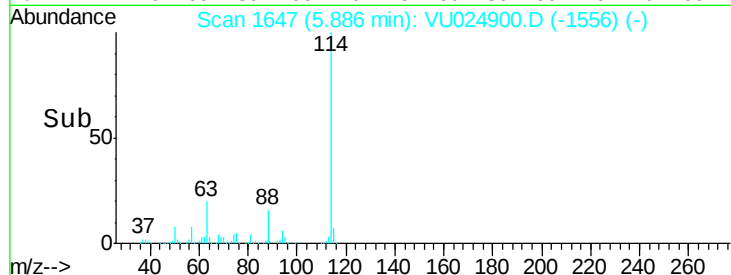
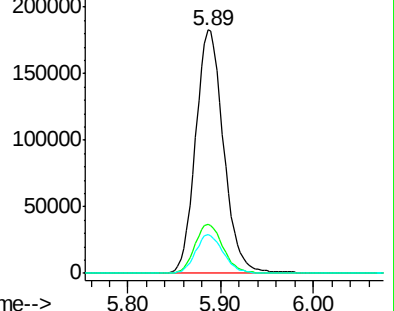
Tot Ion:114	Resp:	382807
Ion Ratio	Lower	Upper
114 100		
63 20.1	0.0	45.4
88 16.1	0.0	31.0



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: 45.88 ug/l

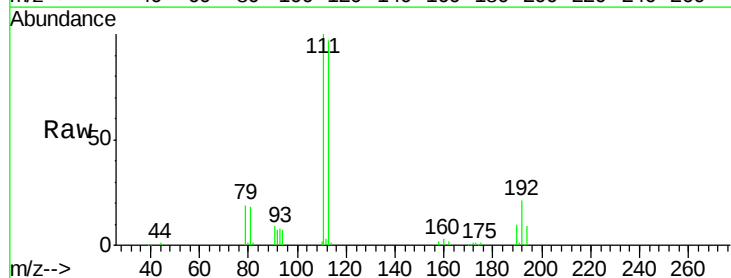
RT: 4.89 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VU024900.D

Acq: 26 Jun 2018 01:49

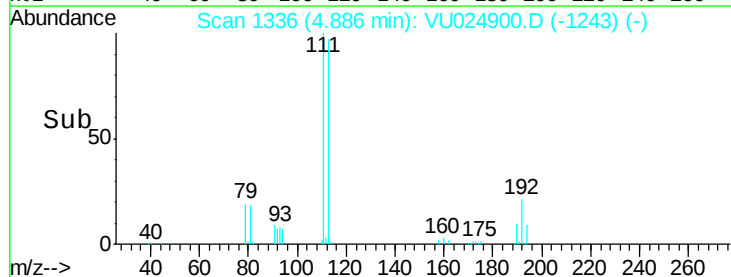
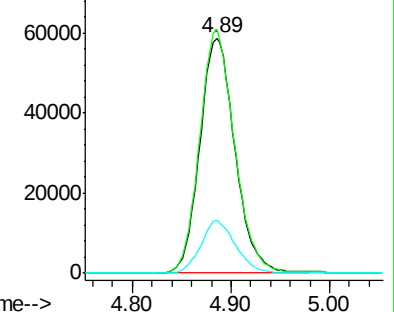
Tgt Ion:113	Resp:	145760
Ion Ratio	Lower	Upper
113 100		
111 102.3	82.2	123.4
192 21.9	16.2	24.4

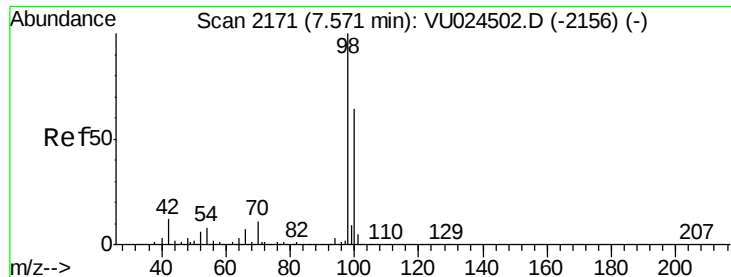


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.05 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024900.D

Acq: 26 Jun 2018 01:49

Instrument :

MSVOA_U

ClientSampleId :

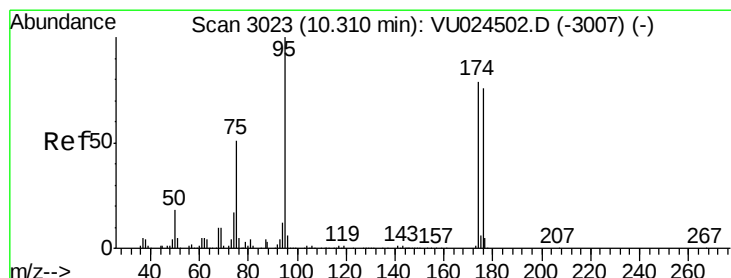
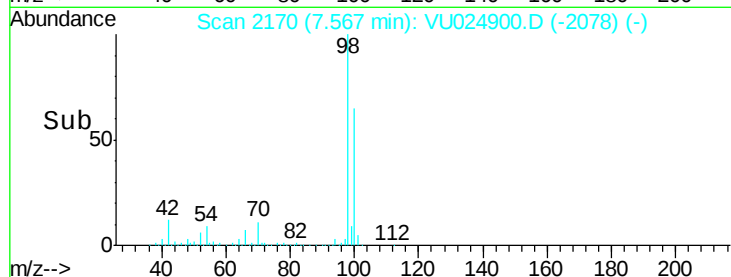
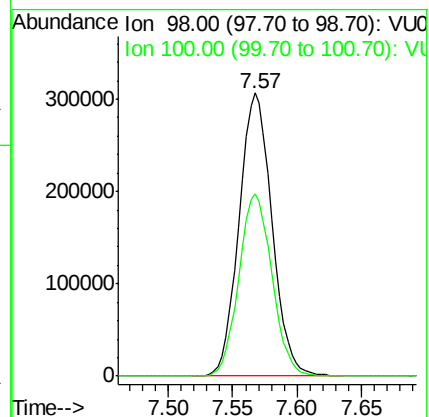
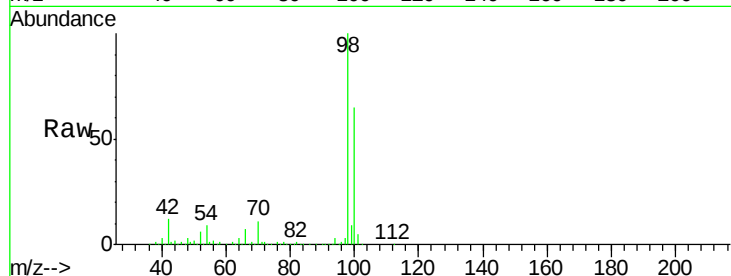
WP021SB474-25-27-180620ME

Tot Ion: 98 Resp: 545260

Ion Ratio Lower Upper

98 100

100 64.9 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 49.44 ug/l

RT: 10.32 min Scan# 3025

Delta R.T. 0.01 min

Lab File: VU024900.D

Acq: 26 Jun 2018 01:49

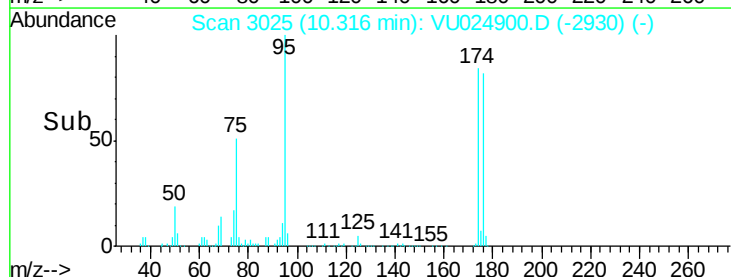
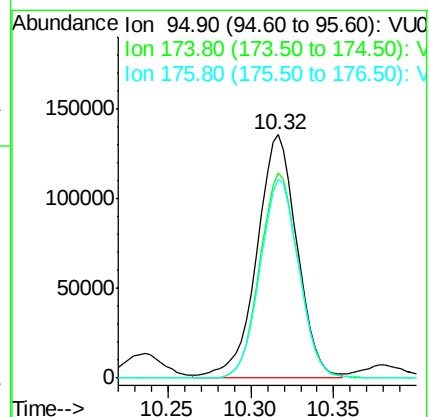
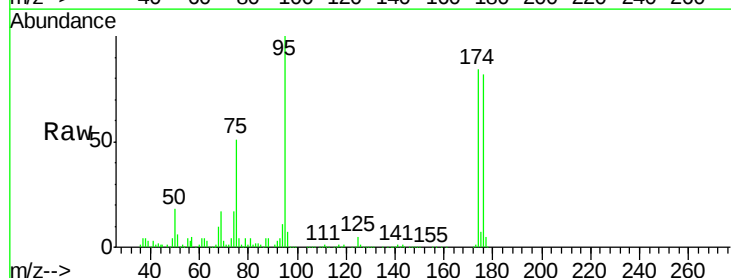
Tgt Ion: 95 Resp: 227487

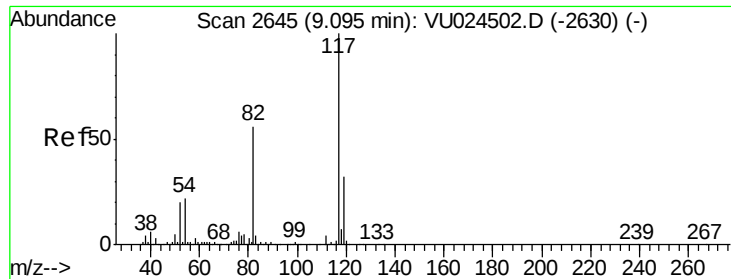
Ion Ratio Lower Upper

95 100

174 81.8 0.0 165.8

176 79.4 0.0 159.4

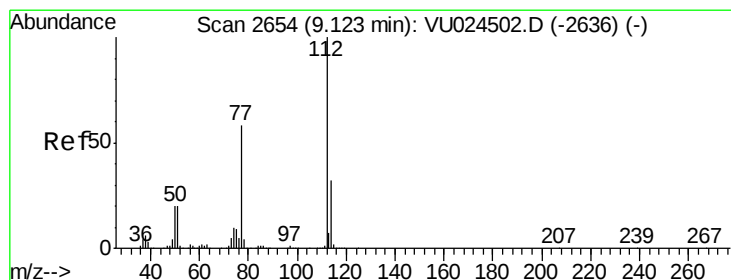
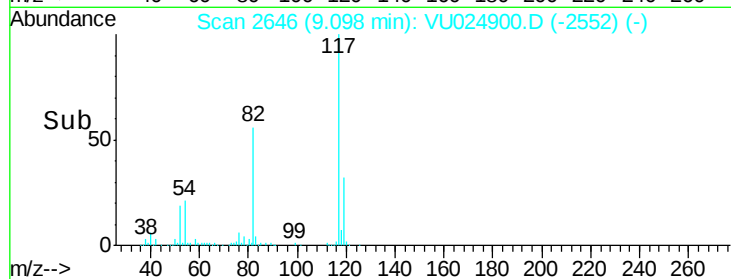
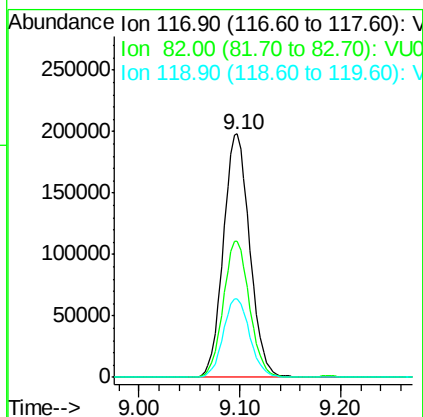
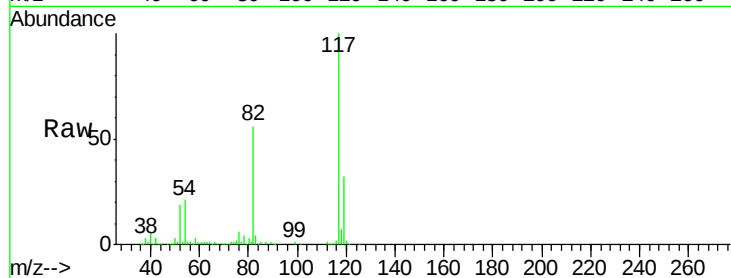




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.10 min Scan# 2646
Delta R.T. 0.00 min
Lab File: VU024900.D
Acq: 26 Jun 2018 01:49

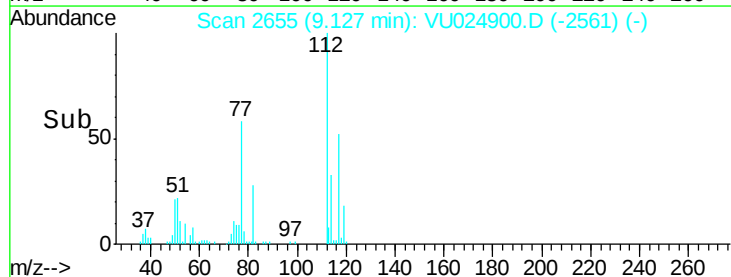
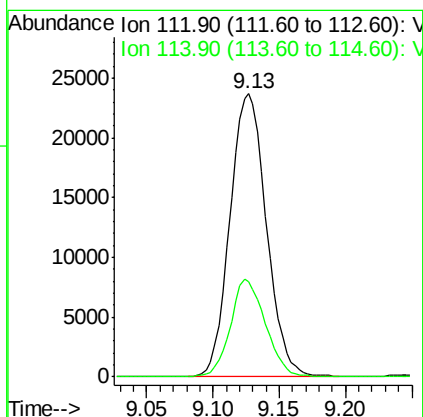
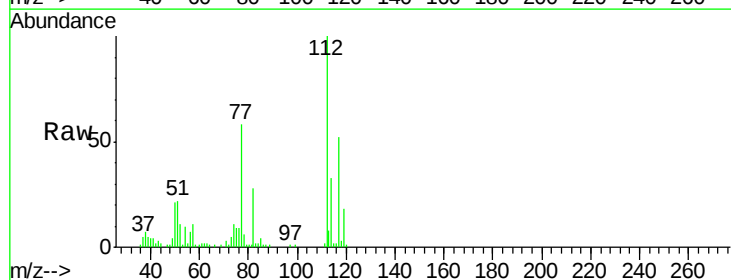
Instrument :
MSVOA_U
ClientSampleId :
WP021SB474-25-27-180620ME

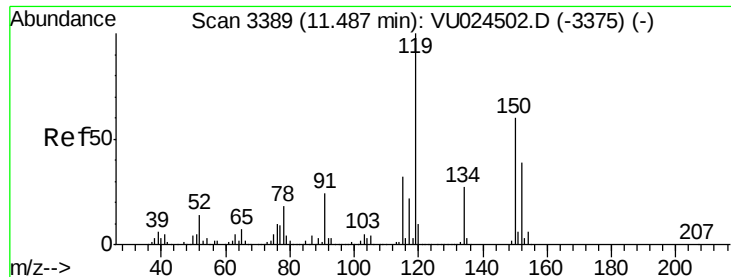
Tot Ion:117 Resp: 362607
Ion Ratio Lower Upper
117 100
82 56.0 44.3 66.5
119 32.1 25.4 38.2



#65
Chlorobenzene
Concen: 4.89 ug/l
RT: 9.13 min Scan# 2655
Delta R.T. 0.00 min
Lab File: VU024900.D
Acq: 26 Jun 2018 01:49

Tgt Ion:112 Resp: 45254
Ion Ratio Lower Upper
112 100
114 33.4 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VU024900.D

Acq: 26 Jun 2018 01:49

Instrument :

MSVOA_U

ClientSampleId :

WP021SB474-25-27-180620ME

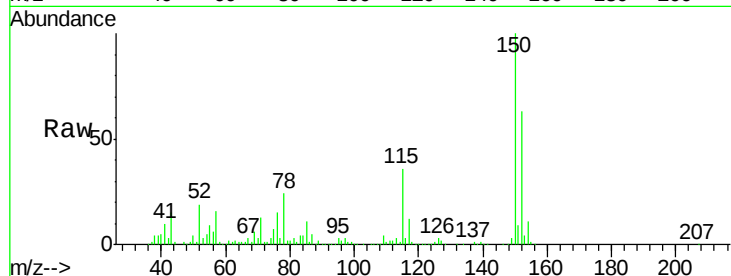
Tot Ion:152 Resp: 217678

Ion Ratio Lower Upper

152 100

115 56.3 43.0 129.0

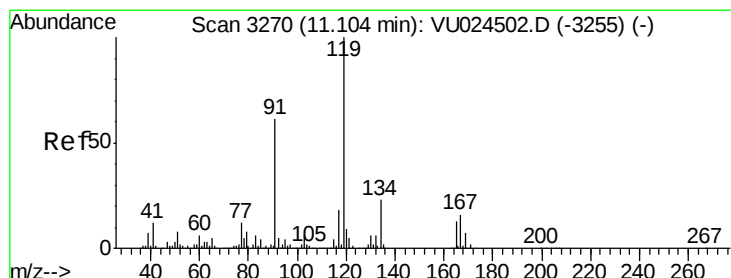
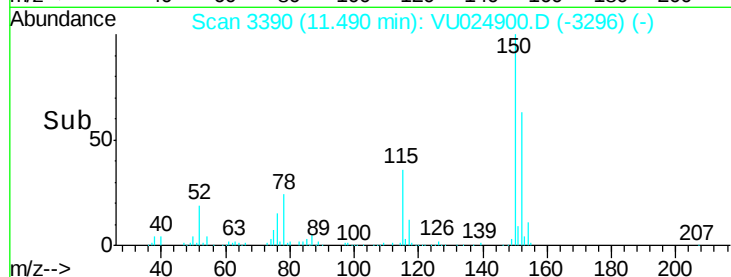
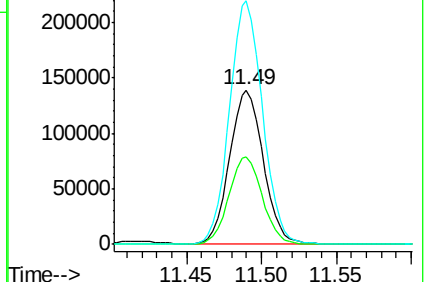
150 155.6 0.0 354.0



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



#83

tert-Butylbenzene

Concen: 1.12 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. -0.00 min

Lab File: VU024900.D

Acq: 26 Jun 2018 01:49

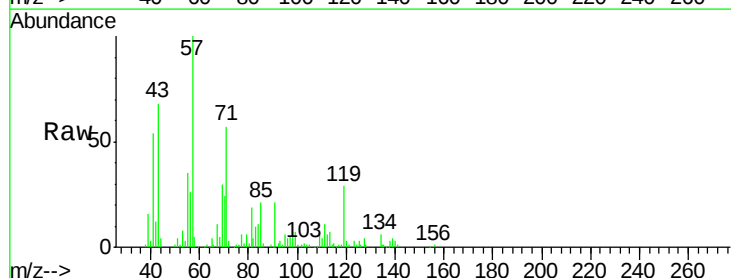
Tgt Ion:119 Resp: 15580

Ion Ratio Lower Upper

119 100

91 67.3 29.7 89.1

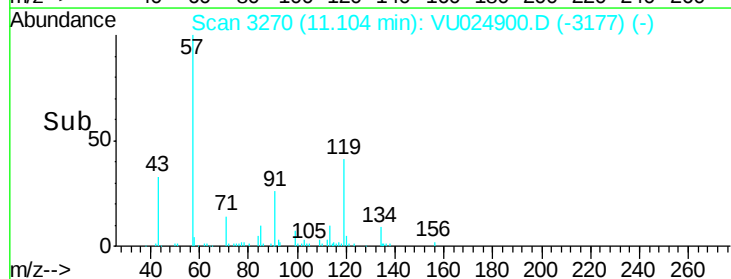
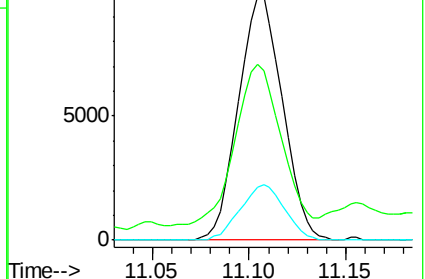
134 22.7 11.6 34.7

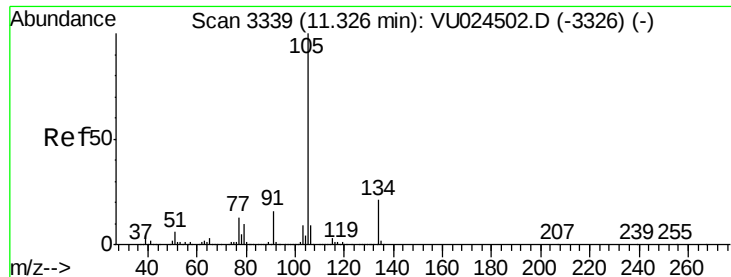


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU

Ion 134.00 (133.70 to 134.70): V





#85

sec-Butylbenzene

Concen: 2.23 ug/l

RT: 11.33 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VU024900.D

Acq: 26 Jun 2018 01:49

Instrument :

MSVOA_U

ClientSampleId :

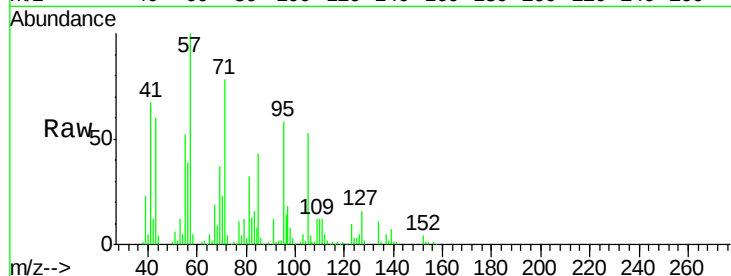
WP021SB474-25-27-180620ME

Tot Ion:105 Resp: 38954

Ion Ratio Lower Upper

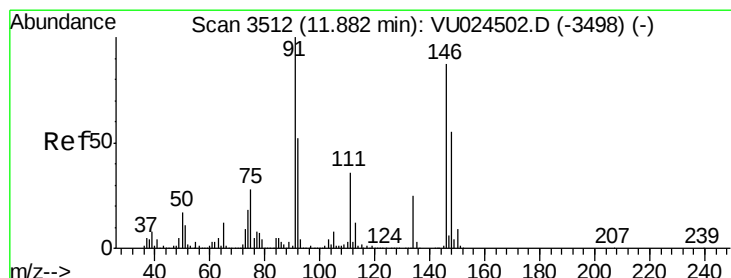
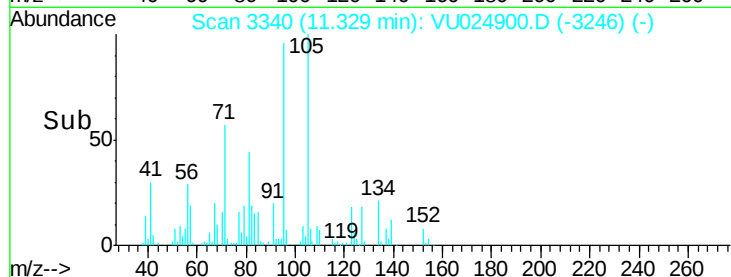
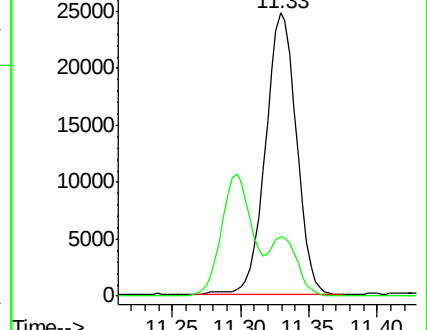
105 100

134 17.3 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#91

1,2-Dichlorobenzene

Concen: 1.23 ug/l

RT: 11.89 min Scan# 3514

Delta R.T. 0.01 min

Lab File: VU024900.D

Acq: 26 Jun 2018 01:49

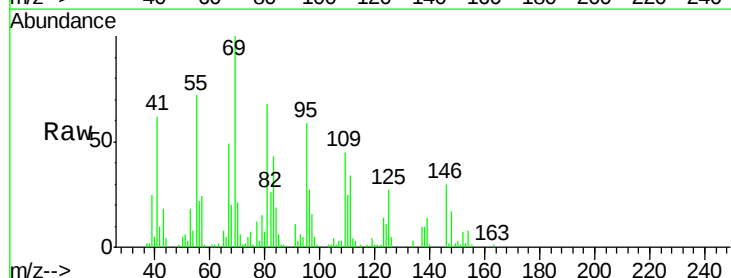
Tgt Ion:146 Resp: 9600

Ion Ratio Lower Upper

146 100

111 87.8 20.5 61.6#

148 65.9 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

