

Data File : VU025054.D
Acq On : 29 Jun 2018 05:36
Operator : MD/SY
Sample : J3670-15ME
Misc : 5.93g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
WP021SB477-27-29-180621ME

Quant Time: Jul 06 05:16:18 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

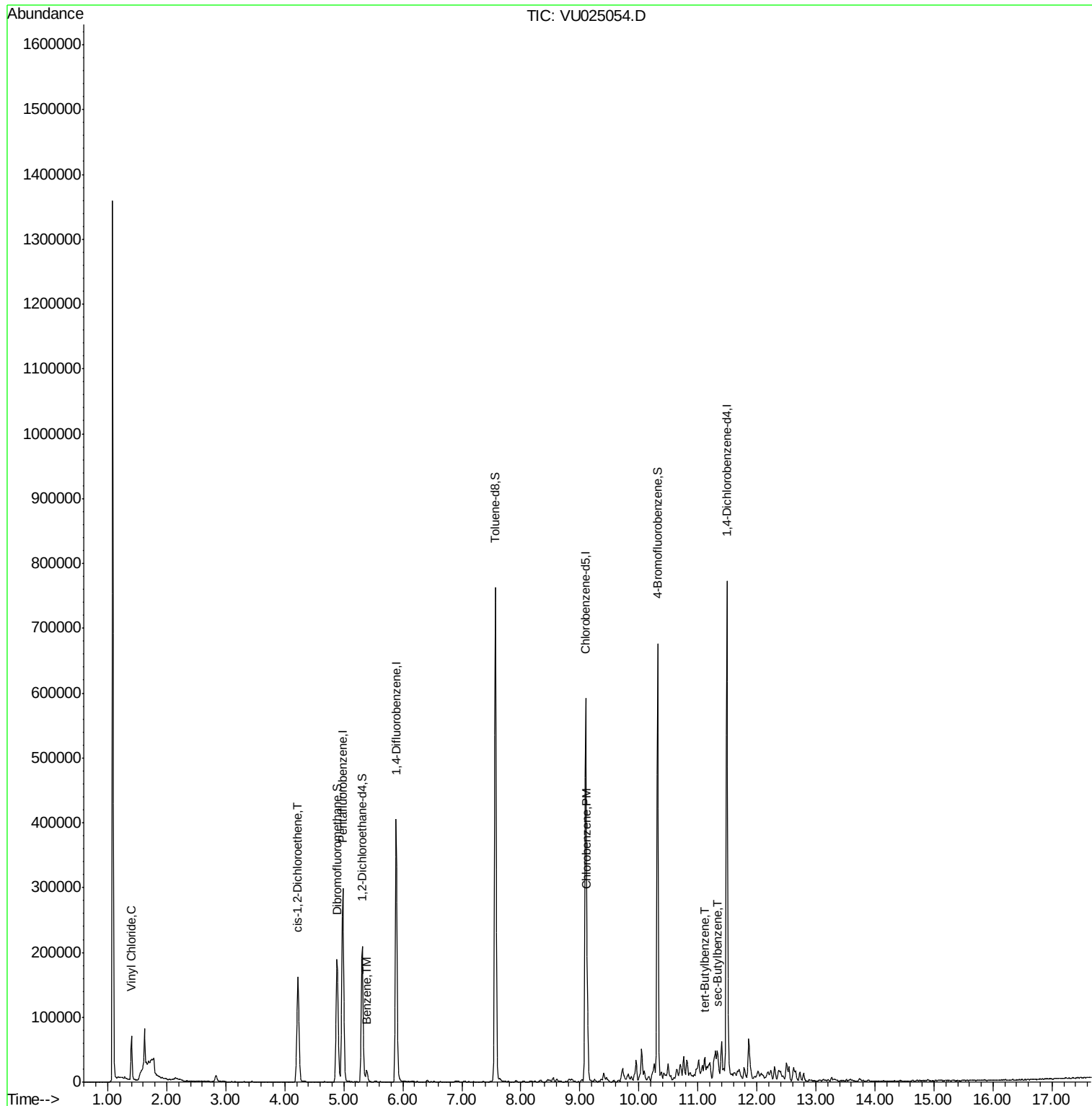
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	236984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	361524	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.10	117	347139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	198846	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	182014	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	
35) Dibromofluoromethane	4.89	113	136939	45.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.28%	
50) Toluene-d8	7.57	98	525930	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
62) 4-Bromofluorobenzene	10.32	95	217730	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
Target Compounds						
4) Vinyl Chloride	1.40	62	49005	15.680	ug/l	98
27) cis-1,2-Dichloroethene	4.22	96	94962	27.792	ug/l	87
40) Benzene	5.39	78	18028	1.489	ug/l	99
65) Chlorobenzene	9.13	112	69308	7.815	ug/l	95
83) tert-Butylbenzene	11.11	119	4743	0.373	ug/l	84
85) sec-Butylbenzene	11.33	105	14228	0.893	ug/l	100

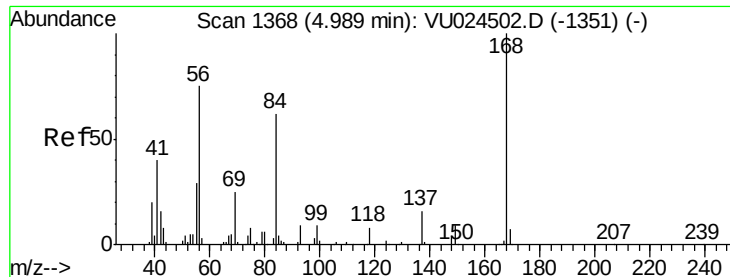
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1366

Delta R.T. -0.01 min

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MSVOA_U

ClientSampleId :

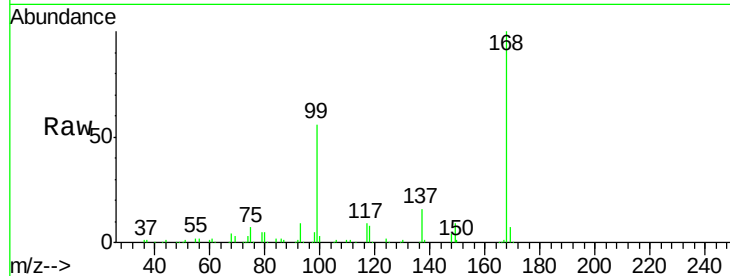
WP021SB477-27-29-180621ME

Tgt Ion:168 Resp: 236984

Ion Ratio Lower Upper

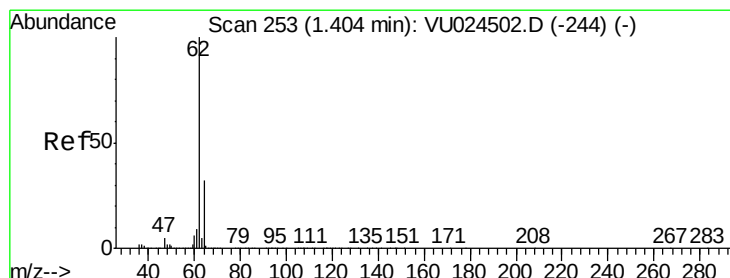
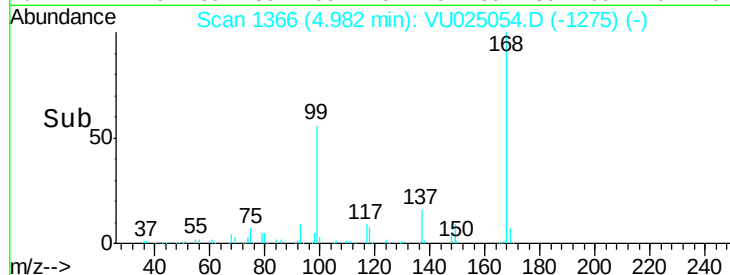
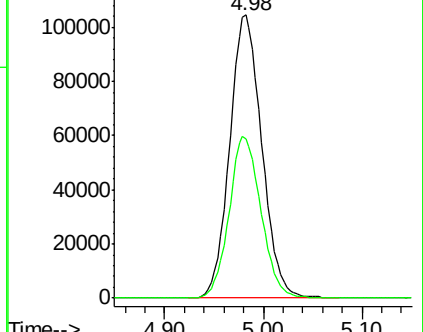
168 100

99 56.5 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

Vinyl Chloride

Concen: 15.680 ug/l

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

Lab File: VU025054.D

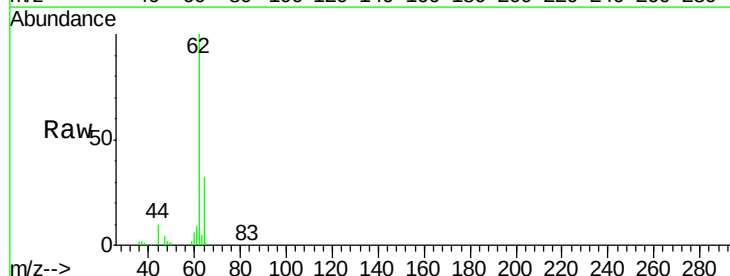
Acq: 29 Jun 2018 05:36

Tgt Ion: 62 Resp: 49005

Ion Ratio Lower Upper

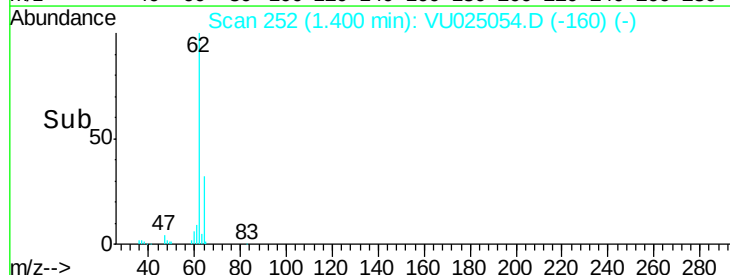
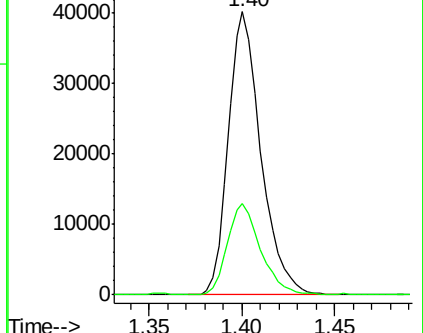
62 100

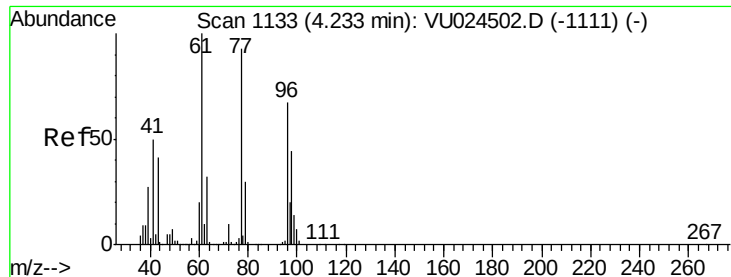
64 32.1 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU024502.D (-244) (-)

Ion 63.90 (63.60 to 64.60): VU024502.D (-244) (-)





#27

cis-1,2-Dichloroethene

Concen: 27.792 ug/l

RT: 4.22 min Scan# 1129

Delta R.T. -0.01 min

Lab File: VU025054.D

Acq: 29 Jun 2018 05:36

Instrument :

MSVOA_U

ClientSampleId :

WP021SB477-27-29-180621ME

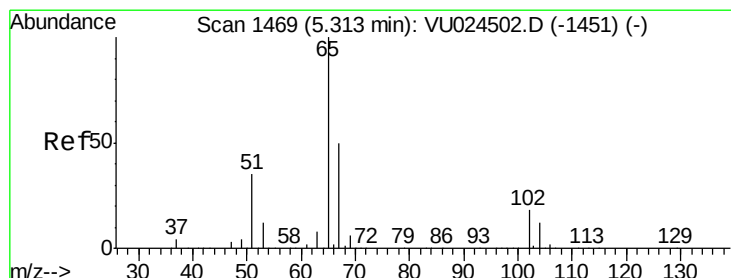
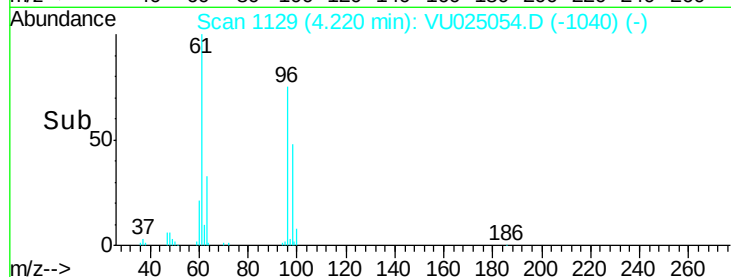
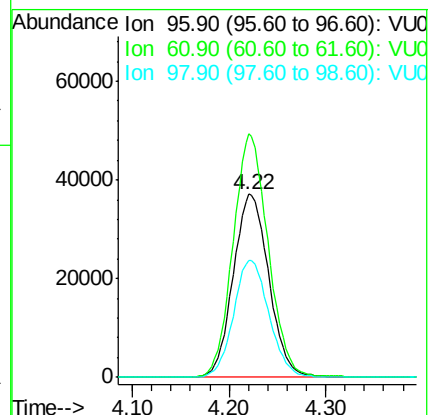
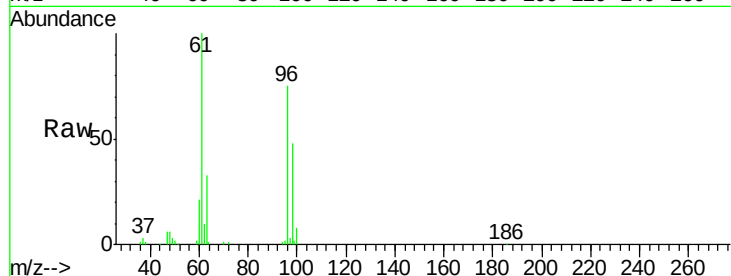
Tgt Ion: 96 Resp: 94962

Ion Ratio Lower Upper

96 100

61 130.7 0.0 306.6

98 63.7 0.0 128.8



#33

1,2-Dichloroethane-d4

Concen: 47.046 ug/l

RT: 5.31 min Scan# 1468

Delta R.T. -0.00 min

Lab File: VU025054.D

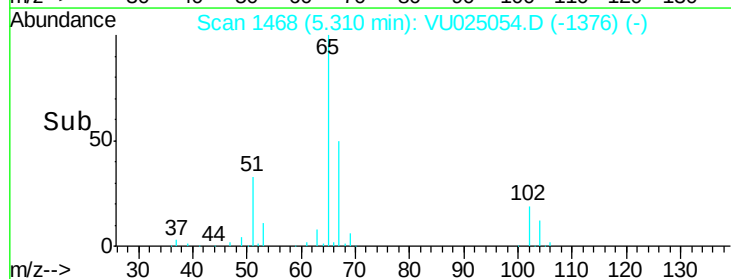
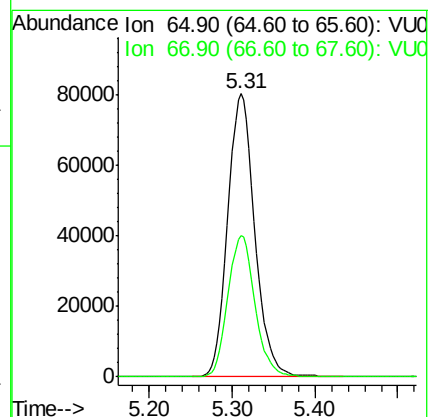
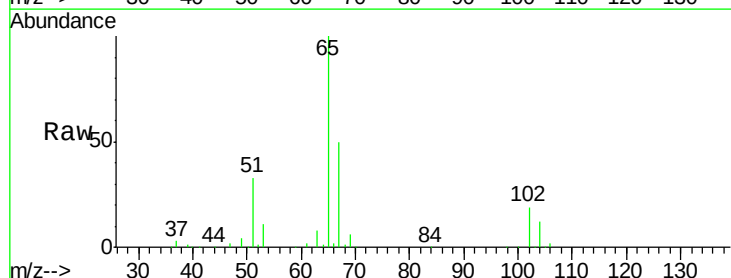
Acq: 29 Jun 2018 05:36

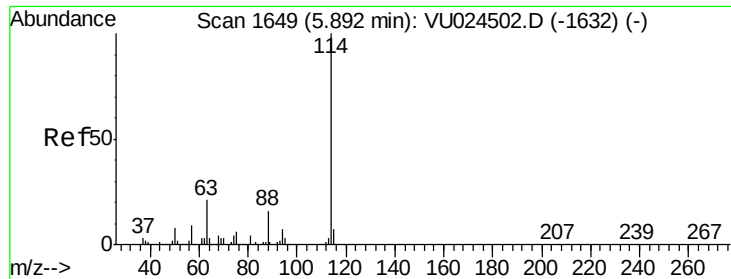
Tgt Ion: 65 Resp: 182014

Ion Ratio Lower Upper

65 100

67 50.0 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: VU025054.D

Acq: 29 Jun 2018 05:36

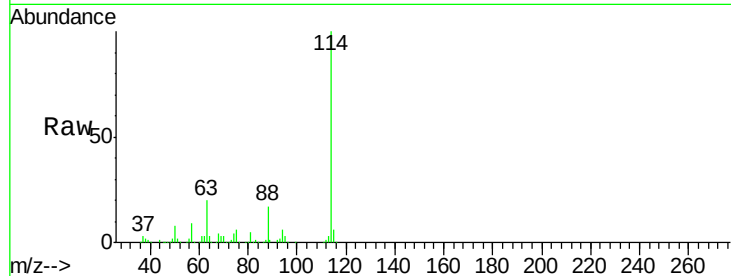
Instrument :

MSVOA_U

ClientSampleId :

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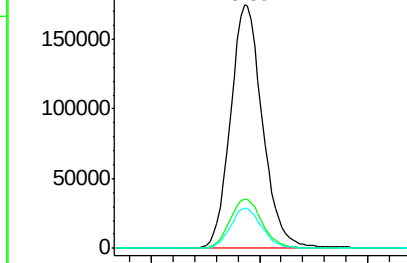
Tgt Ion:	114	Resp:	361524
Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	45.4
88	16.6	0.0	31.0



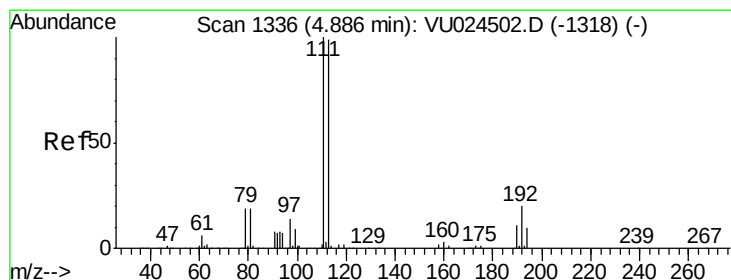
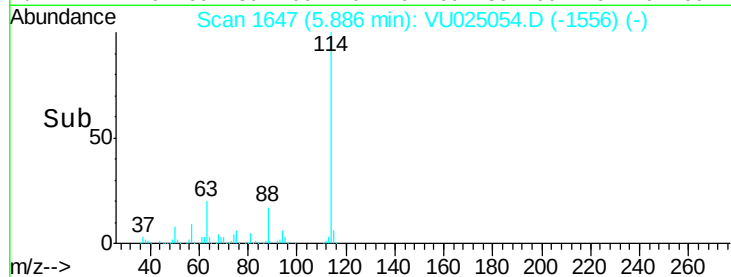
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



Time-->



#35

Dibromofluoromethane

Concen: 45.641 ug/l

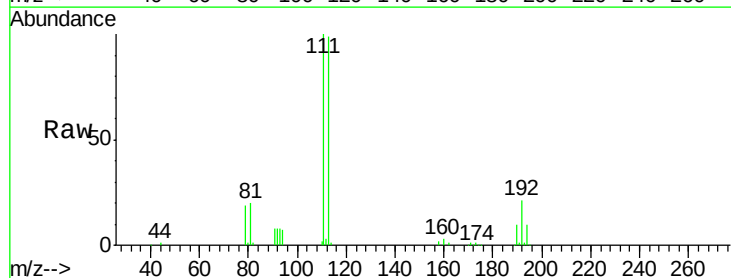
RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU025054.D

Acq: 29 Jun 2018 05:36

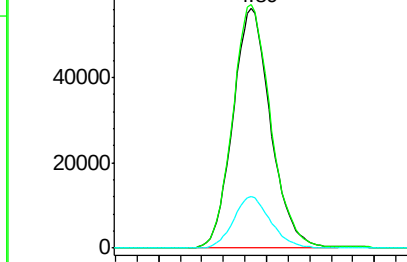
Tgt Ion:	113	Resp:	136939
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.4
192	21.0	16.2	24.4



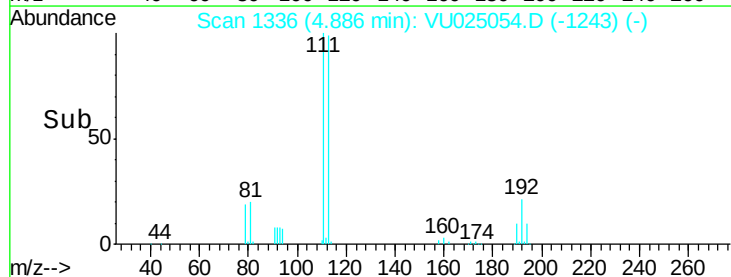
Abundance Ion 112.80 (112.50 to 113.50): V

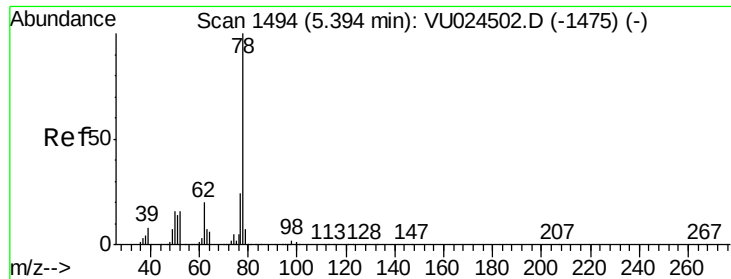
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time-->





#40

Benzene

Concen: 1.489 ug/l

RT: 5.39 min Scan# 1492

Delta R.T. -0.01 min

Lab File: VU025054.D

Acq: 29 Jun 2018 05:36

Instrument :

MSVOA_U

ClientSampleId :

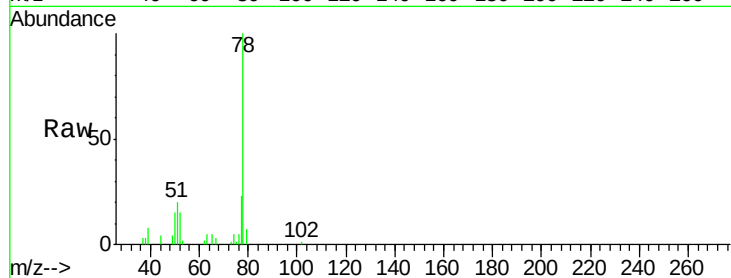
WP021SB477-27-29-180621ME

Tgt Ion: 78 Resp: 18028

Ion Ratio Lower Upper

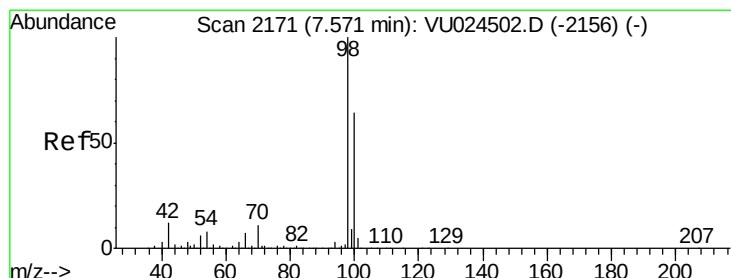
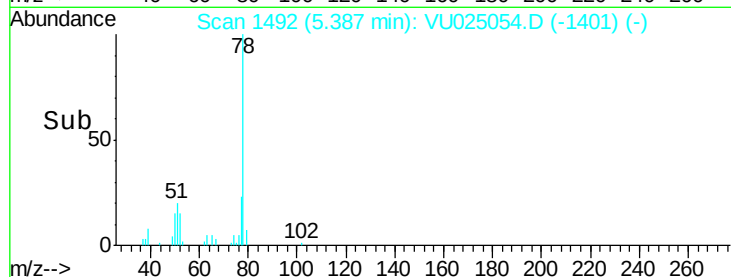
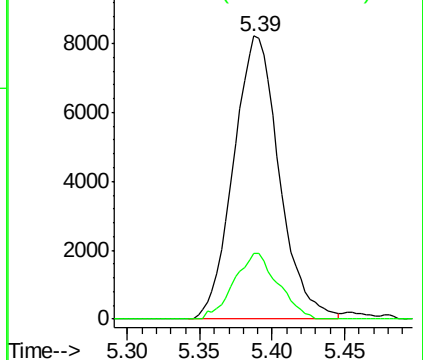
78 100

77 23.4 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: 48.056 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU025054.D

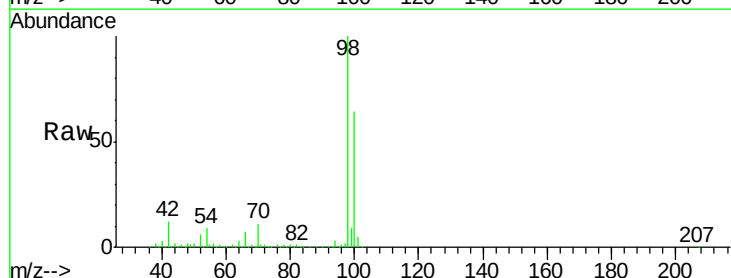
Acq: 29 Jun 2018 05:36

Tgt Ion: 98 Resp: 525930

Ion Ratio Lower Upper

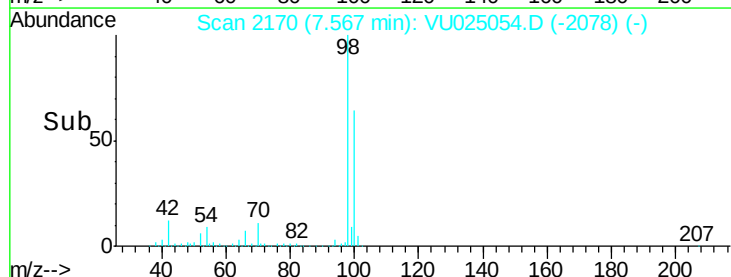
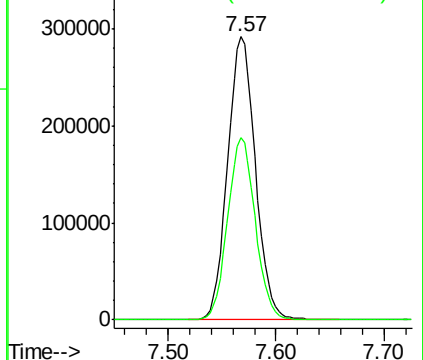
98 100

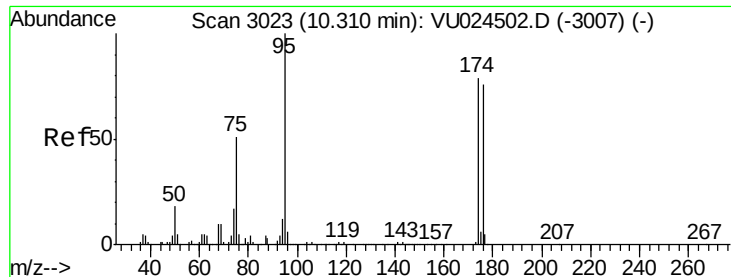
100 63.8 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

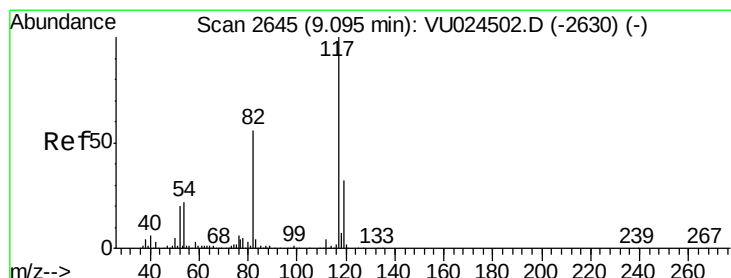
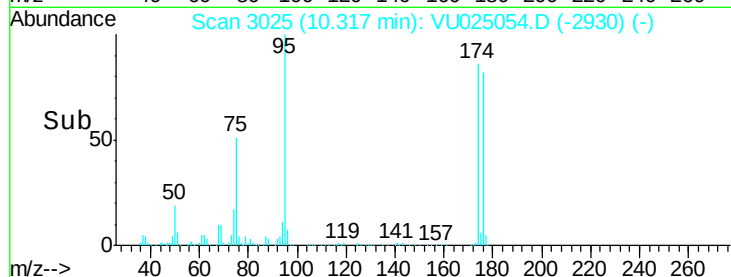
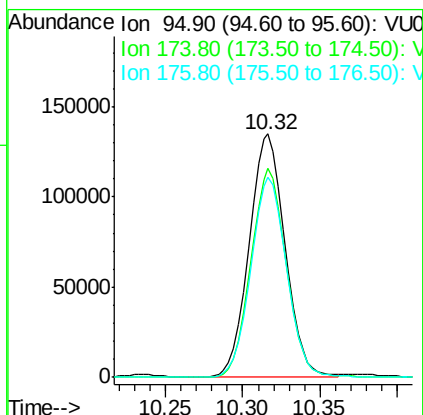
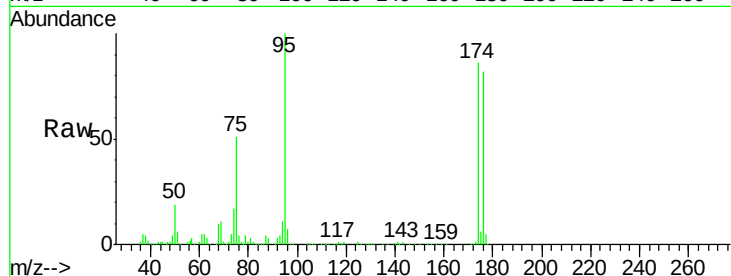




#62
4-Bromofluorobenzene
Concen: 50.107 ug/l
RT: 10.32 min Scan# 3025
Delta R.T. 0.01 min
Lab File: VU025054.D
Acq: 29 Jun 2018 05:36

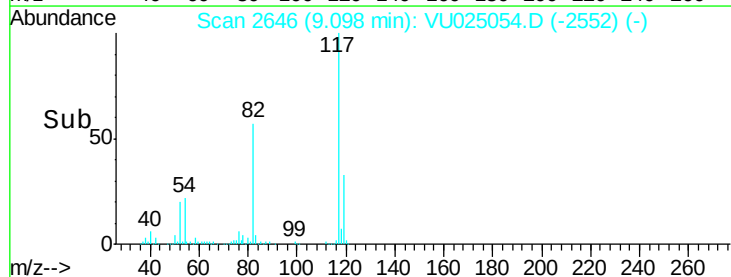
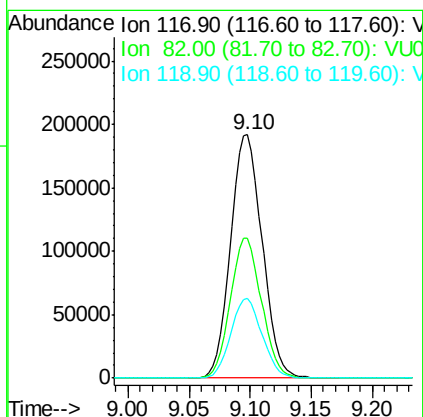
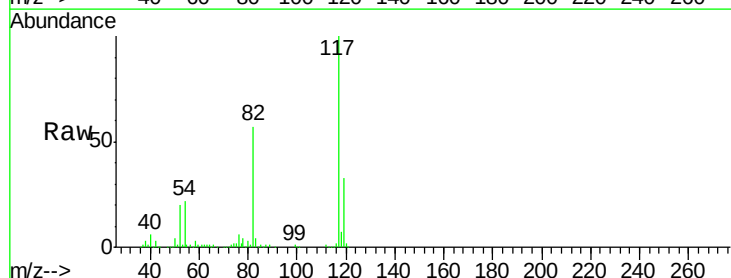
Instrument :
MSVOA_U
ClientSampleId :
WP021SB477-27-29-180621ME

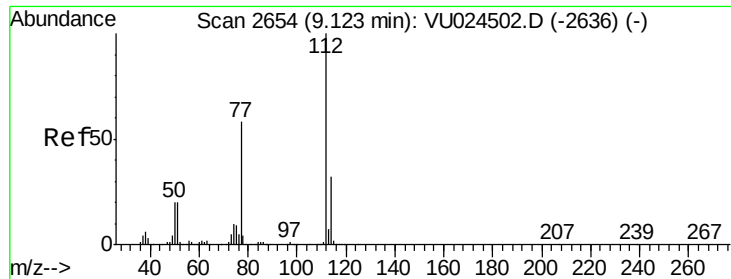
Tgt Ion: 95 Resp: 217730
Ion Ratio Lower Upper
95 100
174 84.9 0.0 165.8
176 82.2 0.0 159.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.10 min Scan# 2646
Delta R.T. 0.00 min
Lab File: VU025054.D
Acq: 29 Jun 2018 05:36

Tgt Ion: 117 Resp: 347139
Ion Ratio Lower Upper
117 100
82 57.4 44.3 66.5
119 32.6 25.4 38.2





#65

Chlorobenzene

Concen: 7.815 ug/l

RT: 9.13 min Scan# 2655

Delta R.T. 0.00 min

Lab File: VU025054.D

Acq: 29 Jun 2018 05:36

Instrument :

MSVOA_U

ClientSampleId :

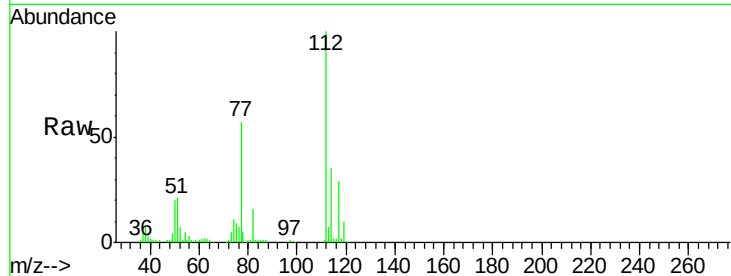
WP021SB477-27-29-180621ME

Tgt Ion:112 Resp: 69308

Ion Ratio Lower Upper

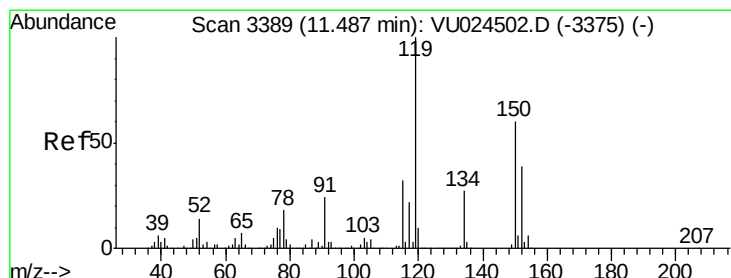
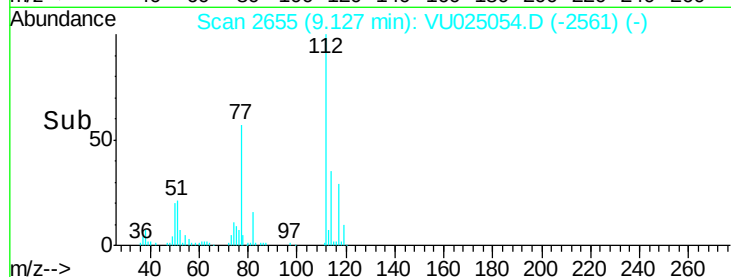
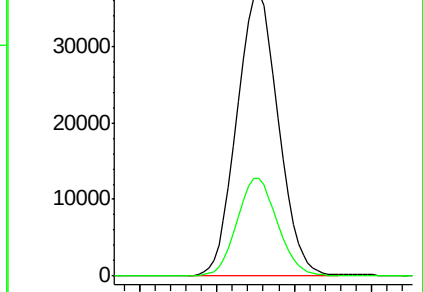
112 100

114 34.6 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: VU025054.D

Acq: 29 Jun 2018 05:36

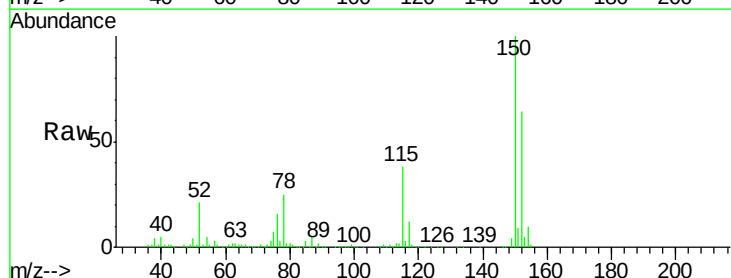
Tgt Ion:152 Resp: 198846

Ion Ratio Lower Upper

152 100

115 58.4 43.0 129.0

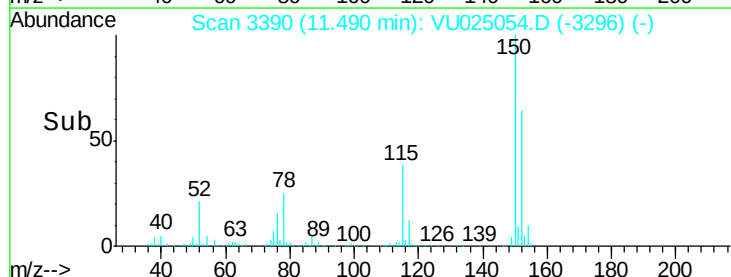
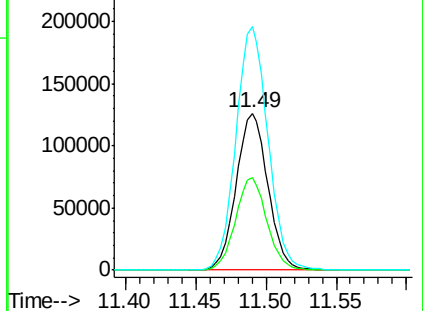
150 157.2 0.0 354.0

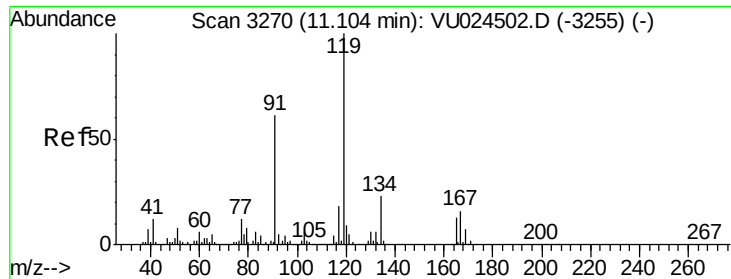


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

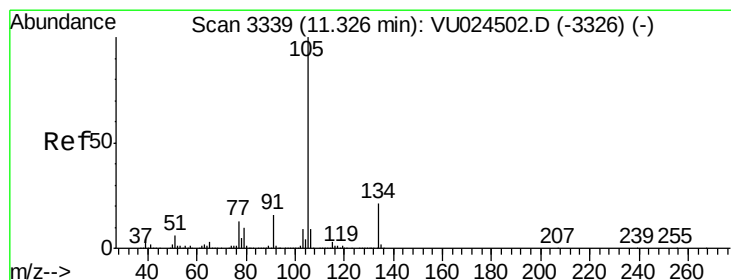
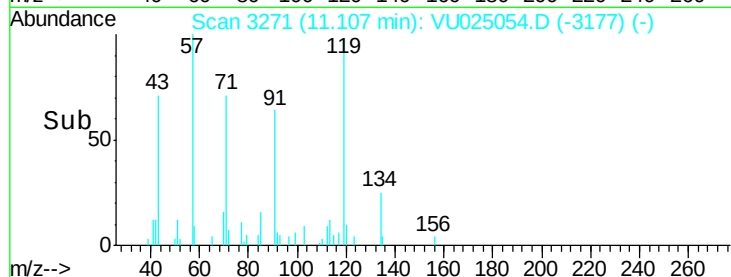
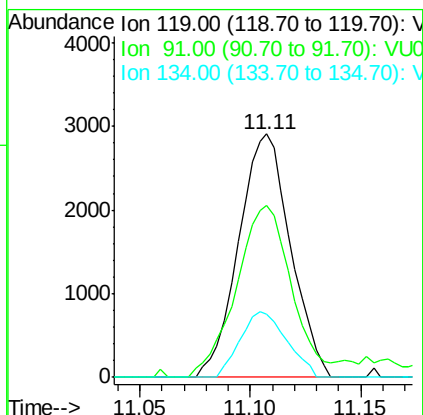
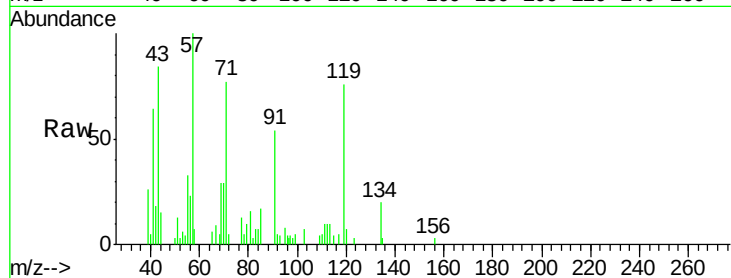




#83
tert-Butylbenzene
Concen: 0.373 ug/l
RT: 11.11 min Scan# 3271
Delta R.T. 0.00 min
Lab File: VU025054.D
Acq: 29 Jun 2018 05:36

Instrument :
MSVOA_U
ClientSampleId :
WP021SB477-27-29-180621ME

Tgt Ion:119 Resp: 4743
Ion Ratio Lower Upper
119 100
91 75.5 29.7 89.1
134 24.2 11.6 34.7



#85
sec-Butylbenzene
Concen: 0.893 ug/l
RT: 11.33 min Scan# 3340
Delta R.T. 0.00 min
Lab File: VU025054.D
Acq: 29 Jun 2018 05:36

Tgt Ion:105 Resp: 14228
Ion Ratio Lower Upper
105 100
134 19.5 9.7 29.1

