

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062718\
 Data File : VU024991.D
 Acq On : 28 Jun 2018 01:45
 Operator : MD/SY
 Sample : J3670-12ME
 Misc : 5.15µ/5mL/100µL/5.00ML/MSVOA_U/MEOH
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB477-21-23-180621ME

Quant Time: Jun 28 09:47:31 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

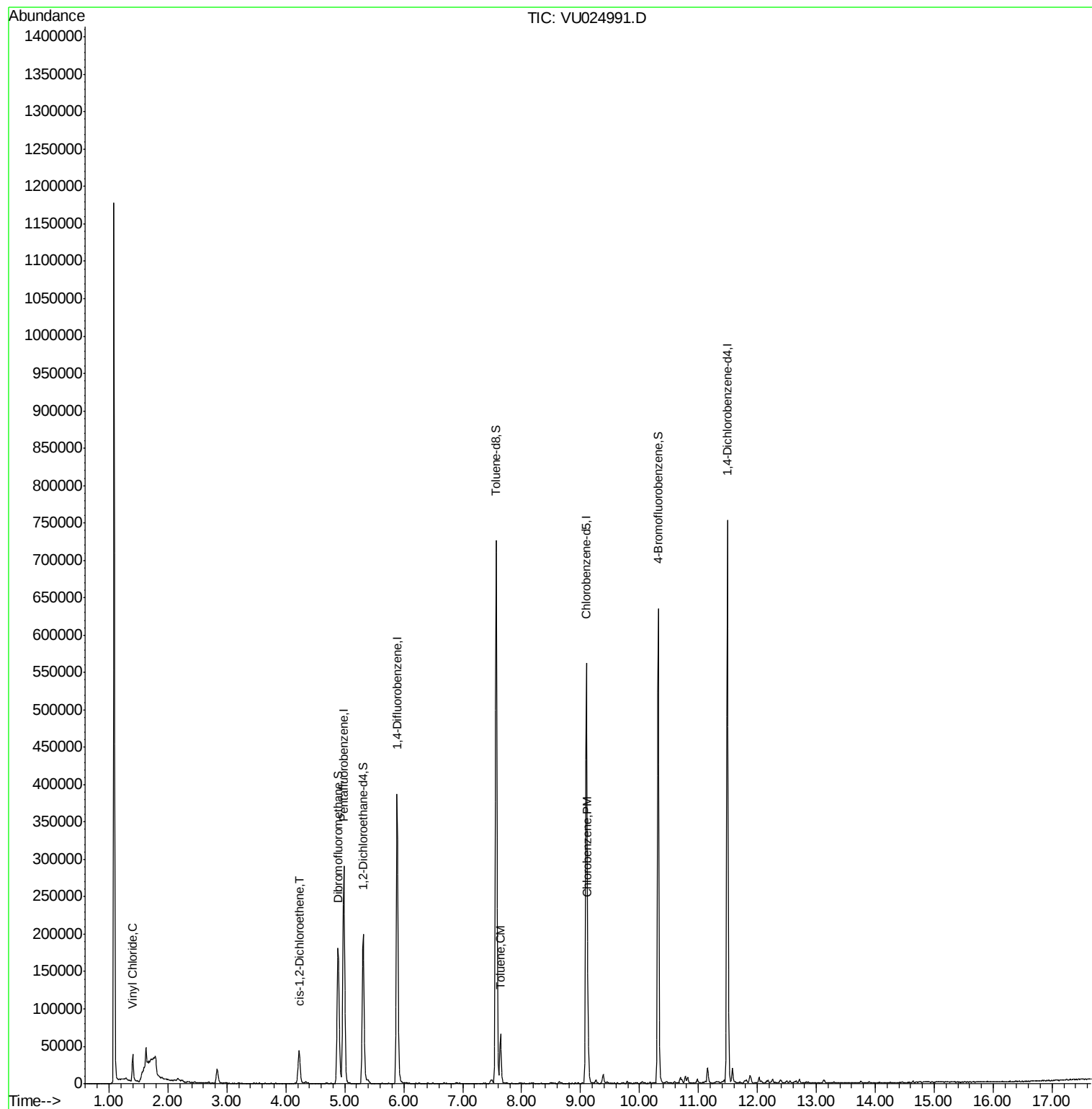
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	227278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	345761	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.10	117	336499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	195306	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	172798	46.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.14%	
35) Dibromofluoromethane	4.89	113	133726	46.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.20%	
50) Toluene-d8	7.57	98	501383	47.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.80%	
62) 4-Bromofluorobenzene	10.32	95	207663	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
Target Compounds						
4) Vinyl Chloride	1.40	62	26902	8.98	ug/l	95
27) cis-1,2-Dichloroethene	4.22	96	25060	7.65	ug/l	91
52) Toluene	7.64	92	28086	3.77	ug/l	97
65) Chlorobenzene	9.13	112	34243	3.98	ug/l	95

(#) = 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: VU024991.D

Acq: 28 Jun 2018 01:45

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ClientSampleId :

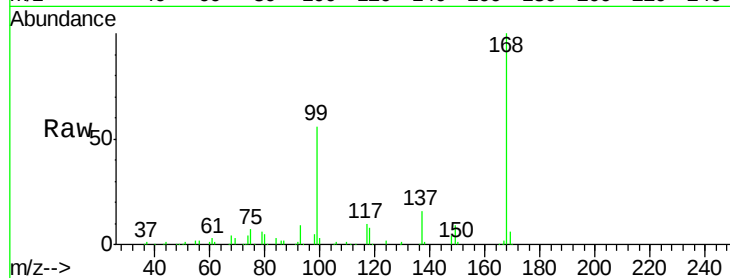
WP021SB477-21-23-180621ME

Tot Ion:168 Resp: 227278

Ion Ratio Lower Upper

168 100

99 55.7 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

100000

80000

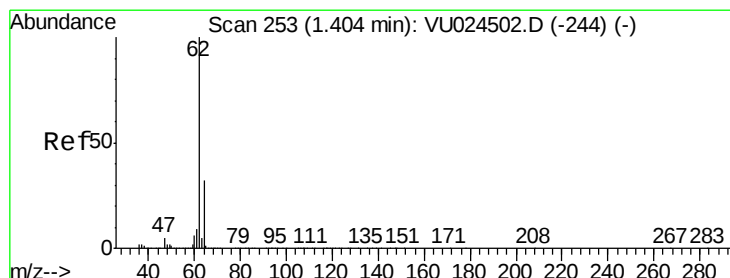
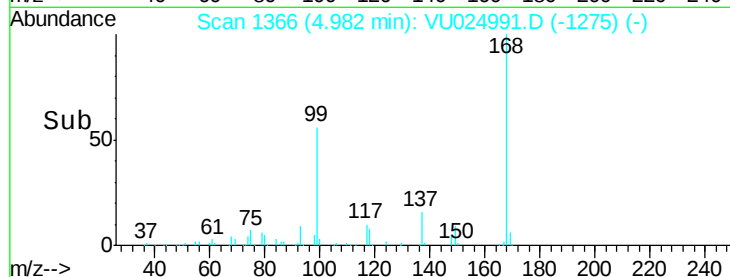
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 8.98 ug/l

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

Lab File: VU024991.D

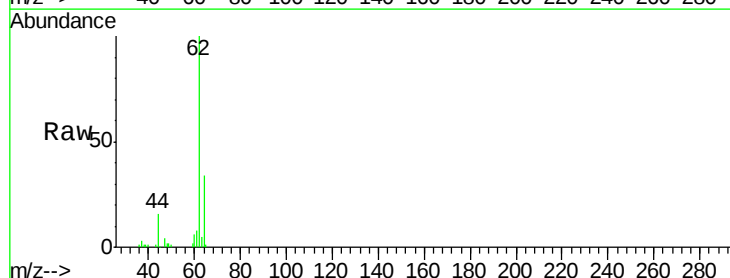
Acq: 28 Jun 2018 01:45

Tgt Ion: 62 Resp: 26902

Ion Ratio Lower Upper

62 100

64 33.8 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) (-)

1.40

25000

20000

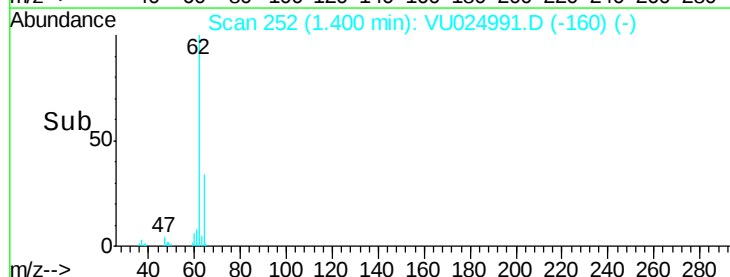
15000

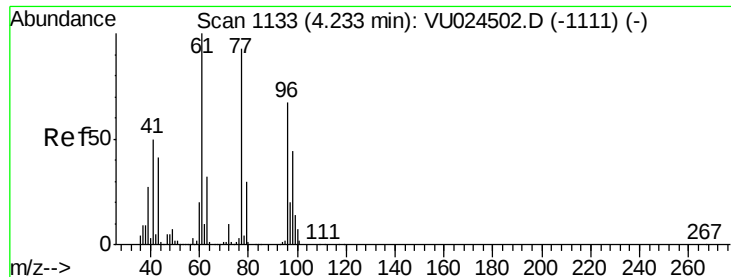
10000

5000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 7.65 ug/l

RT: 4.22 min Scan# 1130

Delta R.T. -0.01 min

Lab File: VU024991.D

Acq: 28 Jun 2018 01:45

Instrument :

MSVOA_U

ClientSampleId :

WP021SB477-21-23-180621ME

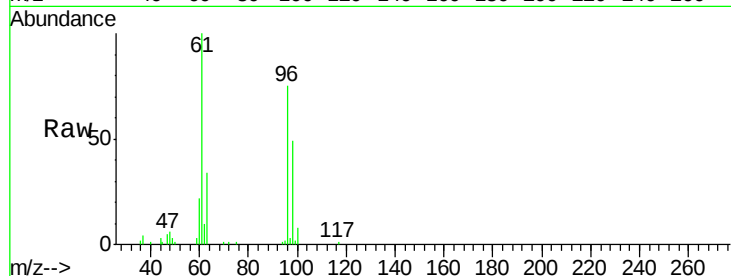
Tot Ion: 96 Resp: 25060

Ion Ratio Lower Upper

96 100

61 138.1 0.0 306.6

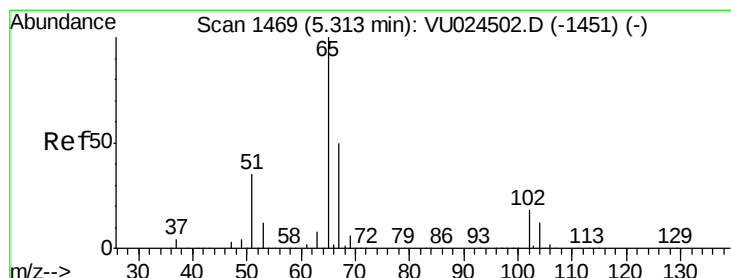
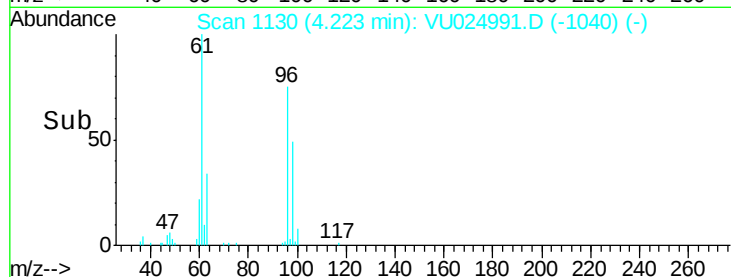
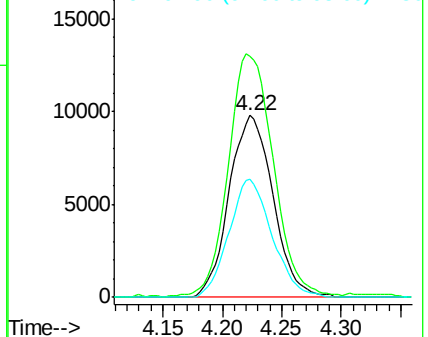
98 63.6 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#33

1,2-Dichloroethane-d4

Concen: 46.57 ug/l

RT: 5.31 min Scan# 1468

Delta R.T. -0.00 min

Lab File: VU024991.D

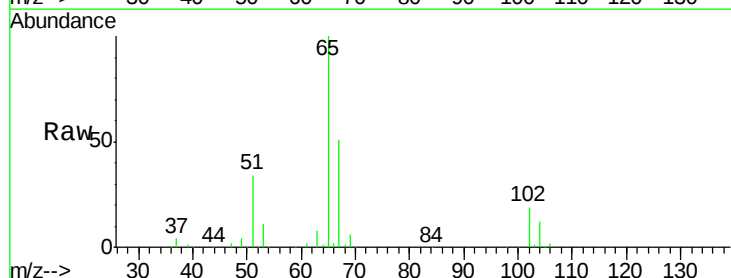
Acq: 28 Jun 2018 01:45

Tgt Ion: 65 Resp: 172798

Ion Ratio Lower Upper

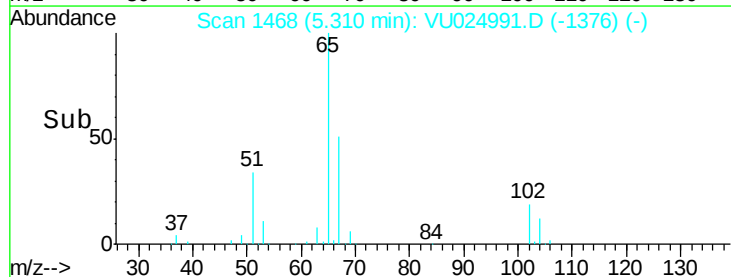
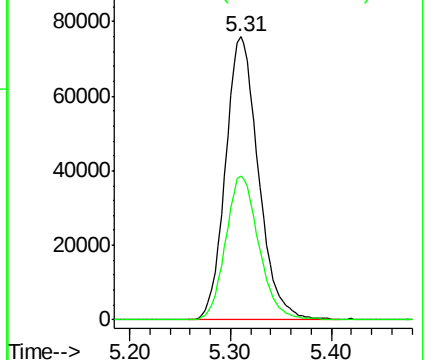
65 100

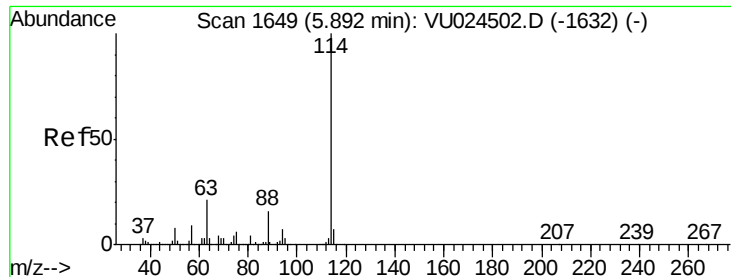
67 51.4 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU024991.D

Acq: 28 Jun 2018 01:45

Instrument :

MSVOA_U

ClientSampleId :

WP021SB477-21-23-180621ME

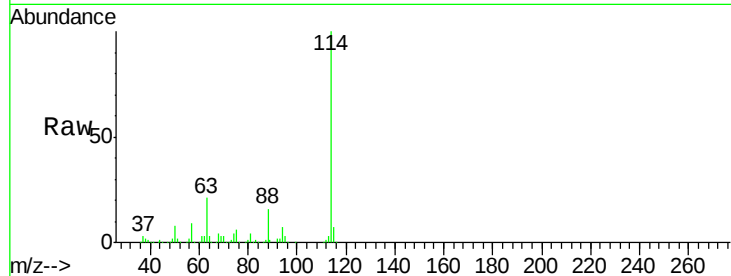
Tot Ion:114 Resp: 345761

Ion Ratio Lower Upper

114 100

63 20.9 0.0 45.4

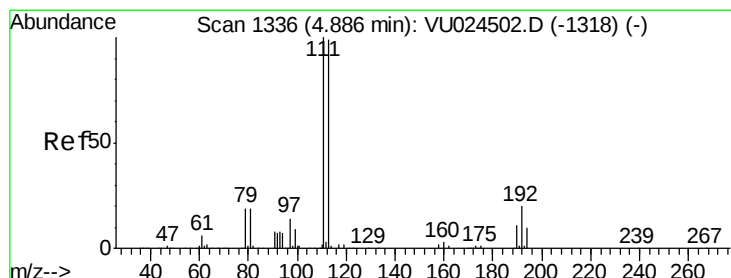
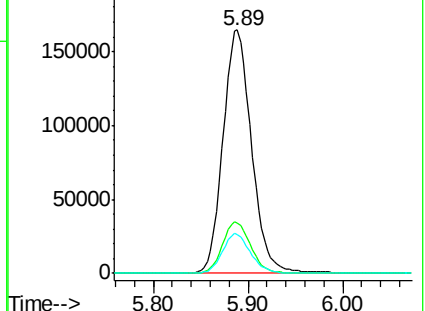
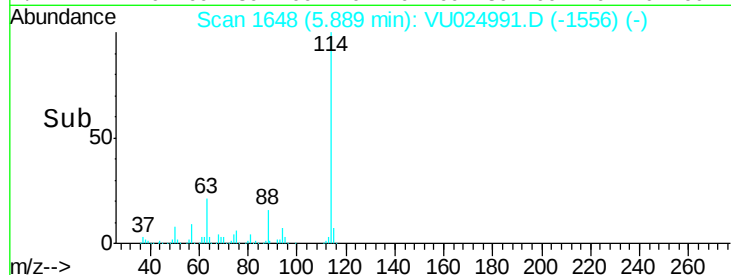
88 16.2 0.0 31.0



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: 46.60 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VU024991.D

Acq: 28 Jun 2018 01:45

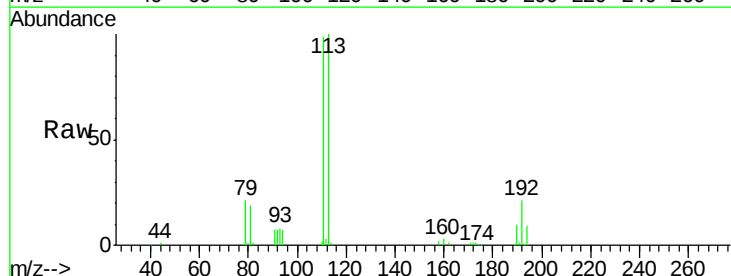
Tgt Ion:113 Resp: 133726

Ion Ratio Lower Upper

113 100

111 100.8 82.2 123.4

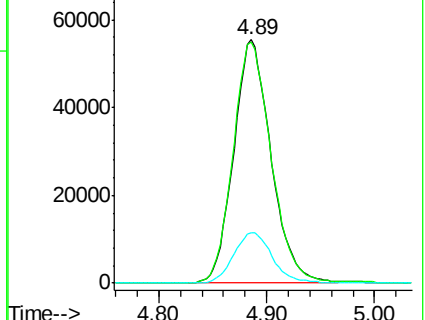
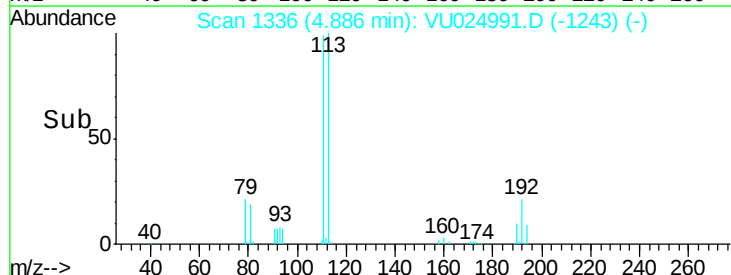
192 21.3 16.2 24.4

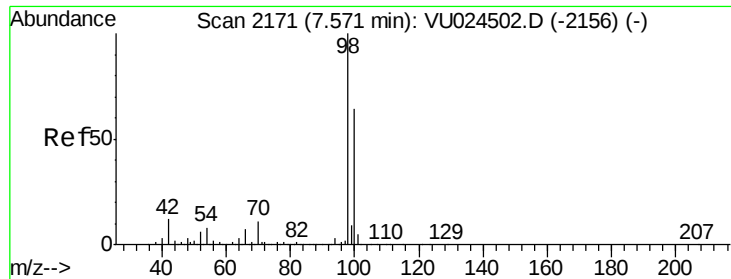


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

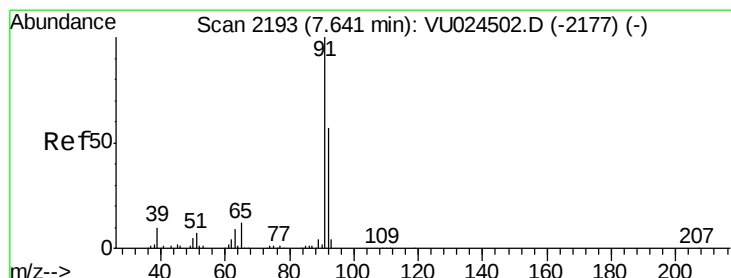
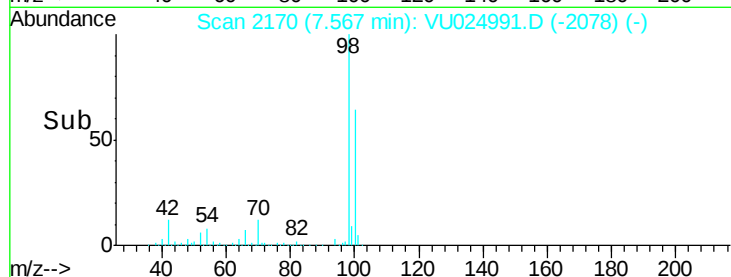
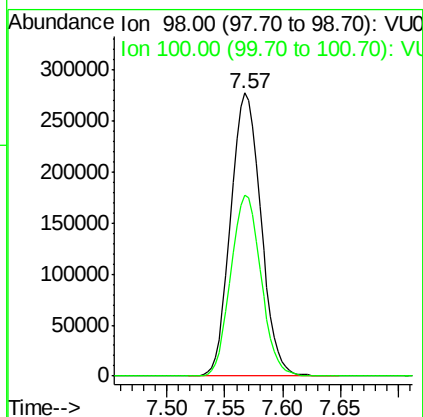
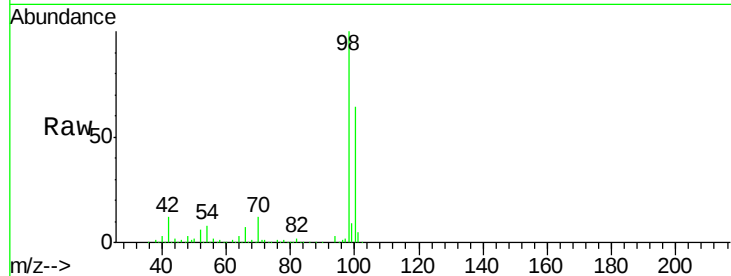




#50
Toluene-d8
Concen: 47.90 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU024991.D
Acq: 28 Jun 2018 01:45

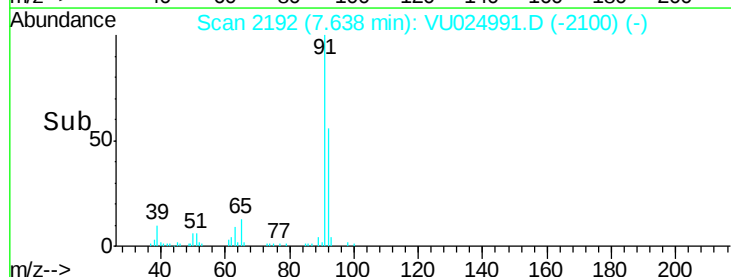
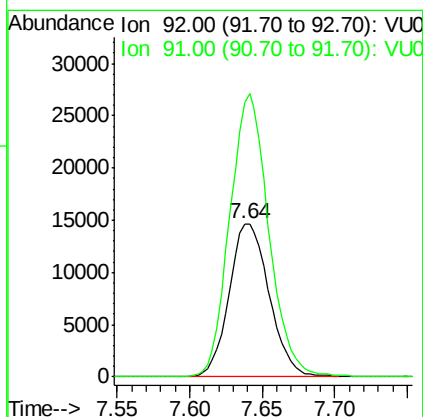
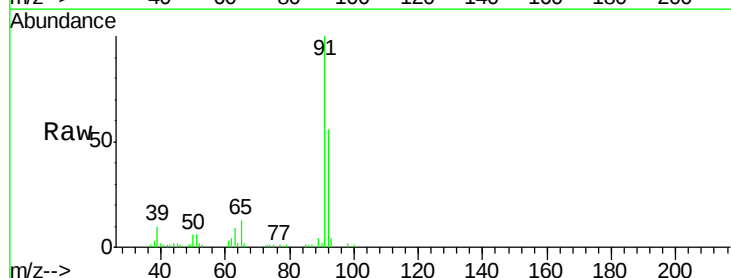
Instrument :
MSVOA_U
ClientSampleId :
WP021SB477-21-23-180621ME

Tot Ion: 98 Resp: 501383
Ion Ratio Lower Upper
98 100
100 63.8 51.1 76.7



#52
Toluene
Concen: 3.77 ug/l
RT: 7.64 min Scan# 2192
Delta R.T. -0.00 min
Lab File: VU024991.D
Acq: 28 Jun 2018 01:45

Tgt Ion: 92 Resp: 28086
Ion Ratio Lower Upper
92 100
91 179.8 140.5 210.7





#62

4-Bromofluorobenzene

Concen: 49.97 ug/l

RT: 10.32 min Scan# 3025

Delta R.T. 0.01 min

Lab File: VU024991.D

Acq: 28 Jun 2018 01:45

Instrument :

MSVOA_U

ClientSampleId :

WP021SB477-21-23-180621ME

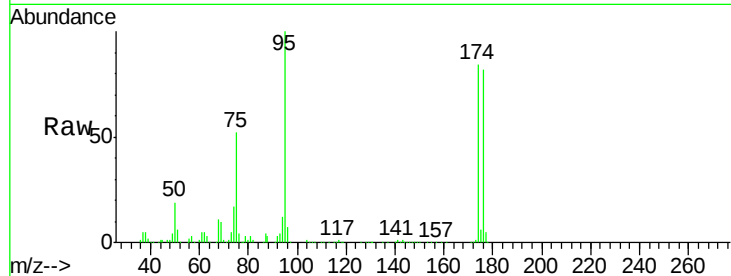
Tot Ion: 95 Resp: 207663

Ion Ratio Lower Upper

95 100

174 84.9 0.0 165.8

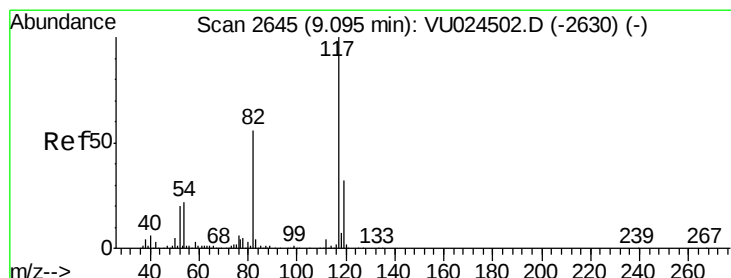
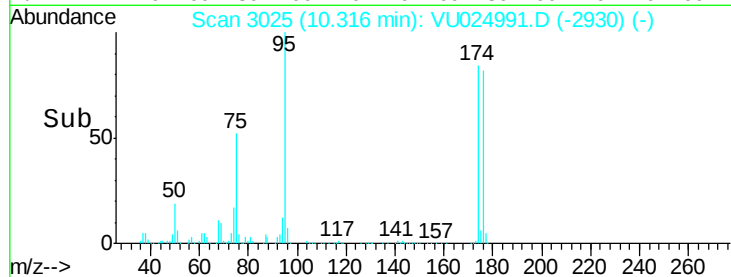
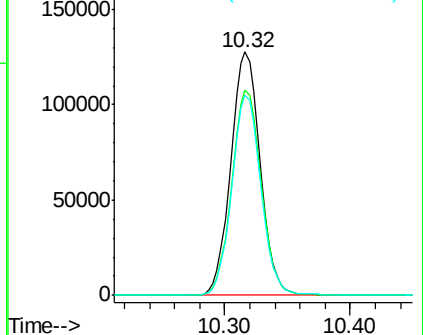
176 81.7 0.0 159.4



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: 50.00 ug/l

RT: 9.10 min Scan# 2646

Delta R.T. 0.00 min

Lab File: VU024991.D

Acq: 28 Jun 2018 01:45

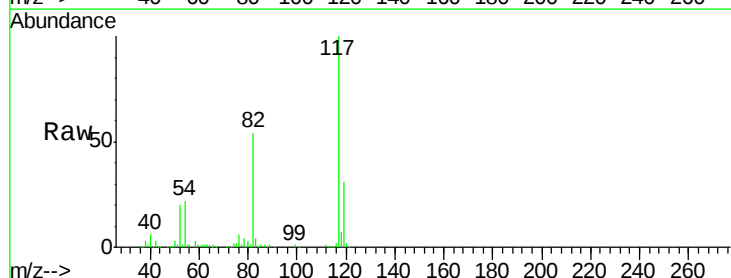
Tgt Ion: 117 Resp: 336499

Ion Ratio Lower Upper

117 100

82 54.3 44.3 66.5

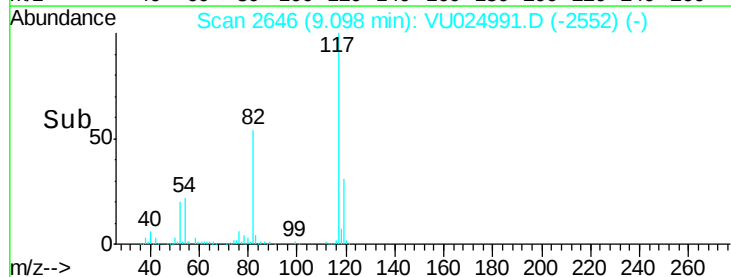
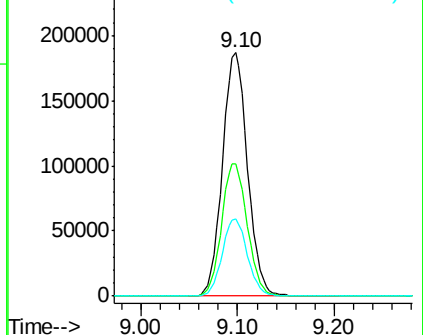
119 31.5 25.4 38.2

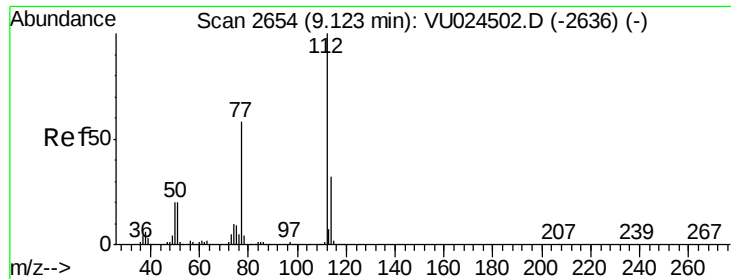


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V





#65

Chlorobenzene

Concen: 3.98 ug/l

RT: 9.13 min Scan# 2655

Delta R.T. 0.00 min

Lab File: VU024991.D

Acq: 28 Jun 2018 01:45

Instrument :

MSVOA_U

ClientSampleId :

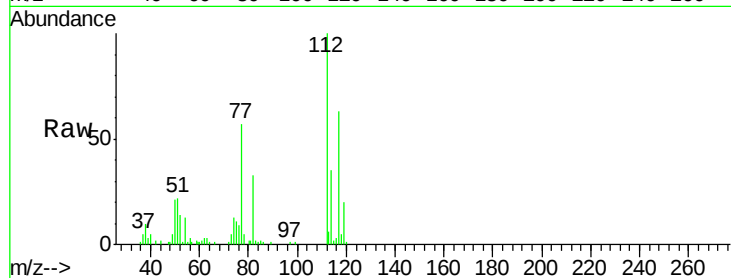
WP021SB477-21-23-180621ME

Tot Ion:112 Resp: 34243

Ion Ratio Lower Upper

112 100

114 34.8 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

9.13

20000

15000

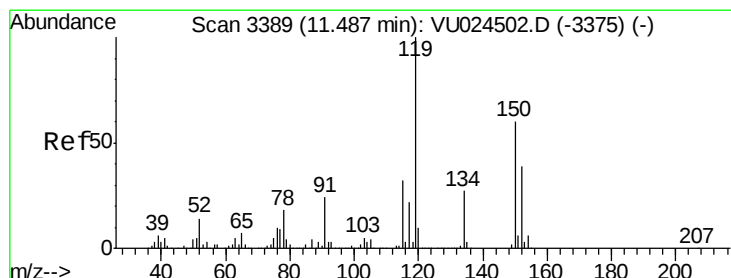
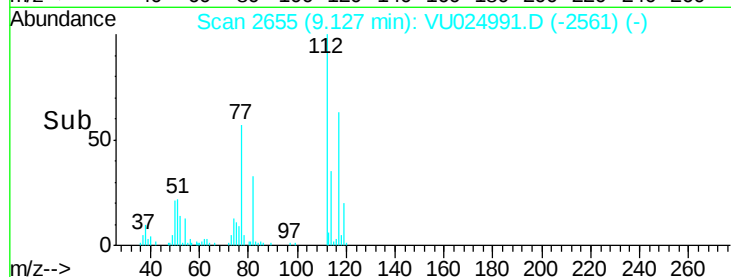
10000

5000

0

Time-->

9.05 9.10 9.15 9.20



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VU024991.D

Acq: 28 Jun 2018 01:45

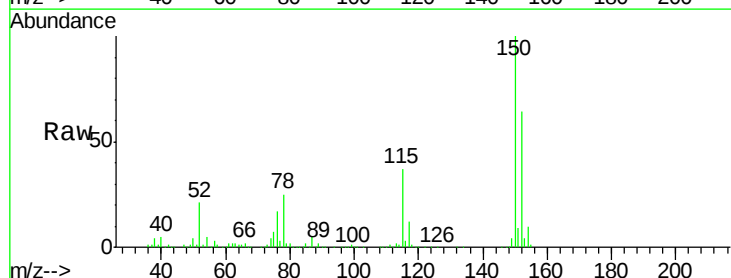
Tgt Ion:152 Resp: 195306

Ion Ratio Lower Upper

152 100

115 56.7 43.0 129.0

150 154.6 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

11.49

250000

200000

150000

100000

50000

0

Time-->

11.40 11.50 11.60

