

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070518\
 Data File : VU025217.D
 Acq On : 05 Jul 2018 15:50
 Operator : MD/SY
 Sample : J3808-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-0473-180628

Quant Time: Jul 06 07:47:19 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

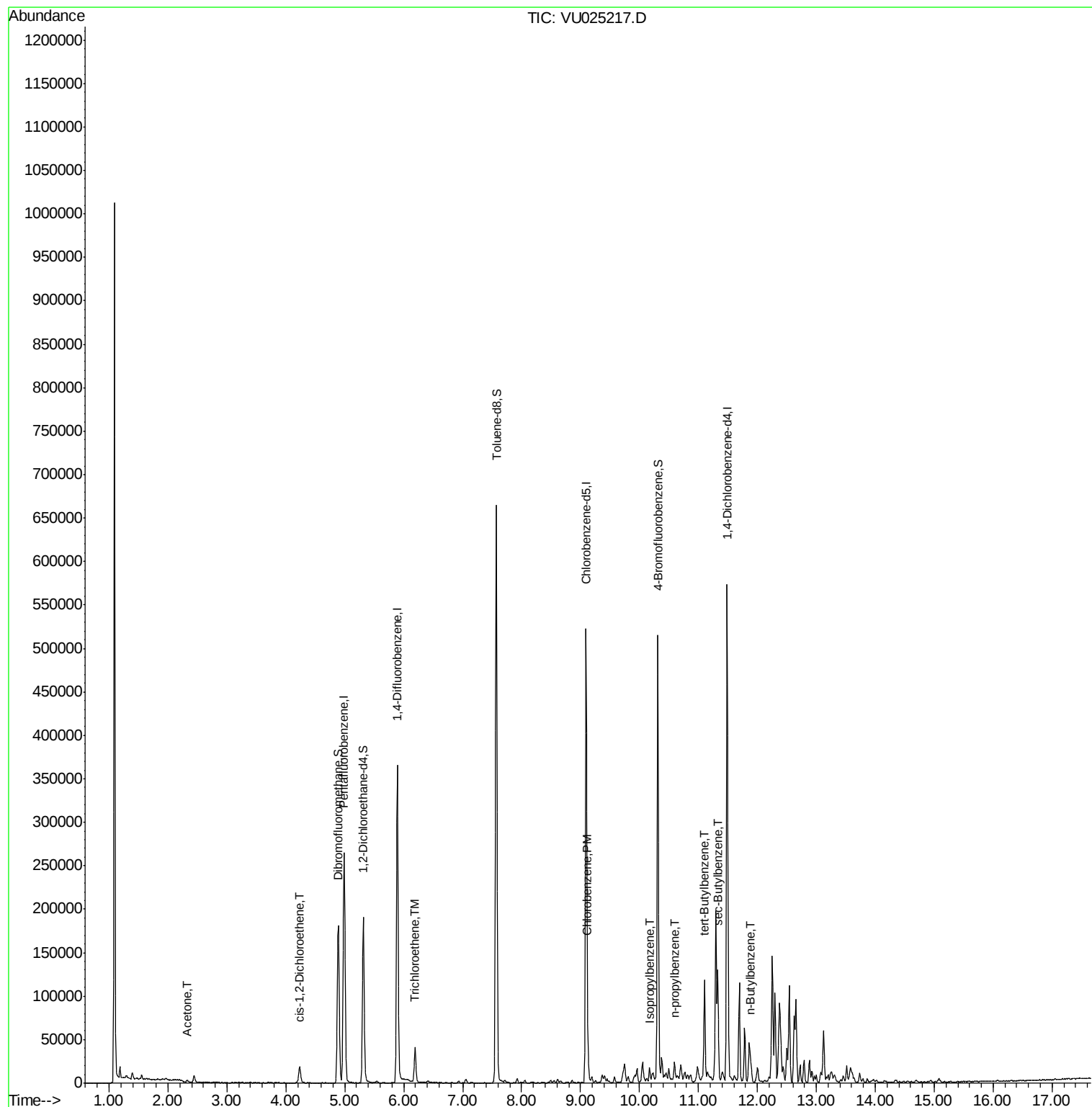
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	206823	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	311328	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	286453	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	150371	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	156198	46.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.52%	
35) Dibromofluoromethane	4.89	113	121335	46.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.92%	
50) Toluene-d8	7.57	98	446573	47.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.76%	
62) 4-Bromofluorobenzene	10.31	95	163304	43.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.28%	
Target Compounds						
					Qvalue	
16) Acetone	2.32	43	2753	1.518	ug/l	97
27) cis-1,2-Dichloroethene	4.23	96	11025	3.697	ug/l	84
44) Trichloroethene	6.19	130	14824	4.997	ug/l	90
65) Chlorobenzene	9.12	112	18832	2.573	ug/l	95
73) Isopropylbenzene	10.17	105	11631	1.007	ug/l	98
78) n-propylbenzene	10.59	91	16966	1.248	ug/l	95
83) tert-Butylbenzene	11.10	119	51922	5.394	ug/l	90
85) sec-Butylbenzene	11.33	105	83332	6.916	ug/l	95
89) n-Butylbenzene	11.89	91	10590	1.105	ug/l #	71

(#) = 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: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU025217.D

Acq: 05 Jul 2018 15:50

Instrument :

MSVOA_U

ClientSampleId :

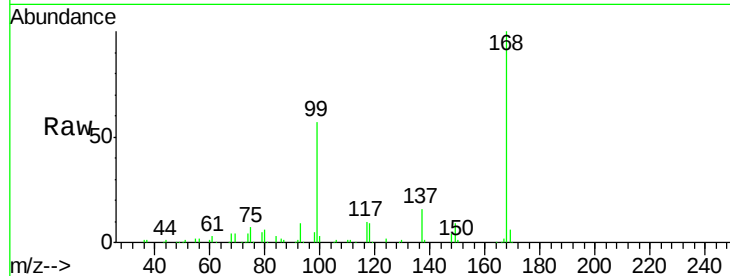
DUP-0473-180628

Tot Ion:168 Resp: 206823

Ion Ratio Lower Upper

168 100

99 57.5 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0

4.99

80000

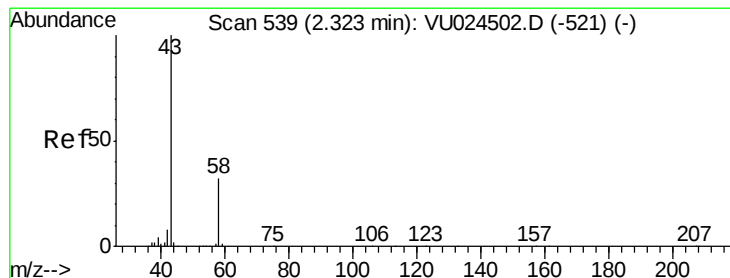
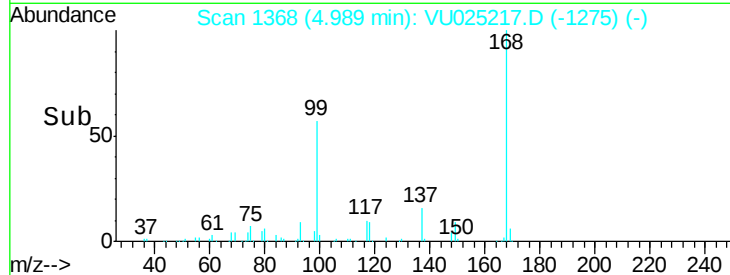
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 1.518 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU025217.D

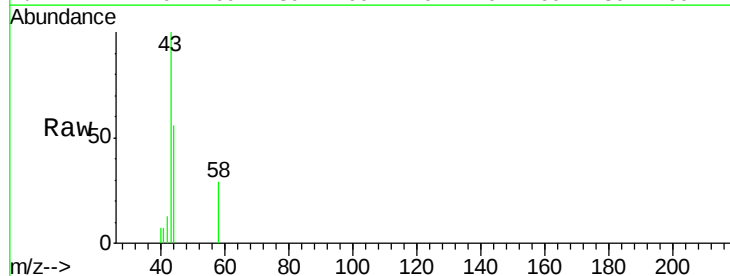
Acq: 05 Jul 2018 15:50

Tgt Ion: 43 Resp: 2753

Ion Ratio Lower Upper

43 100

58 28.7 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

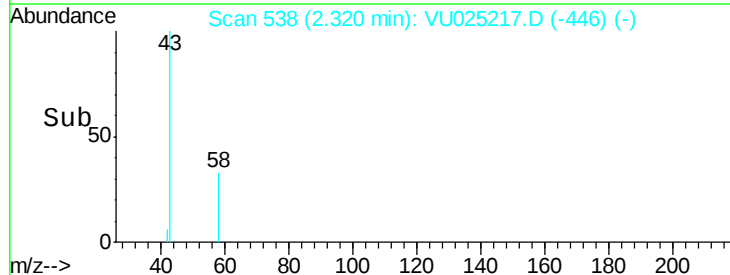
1500

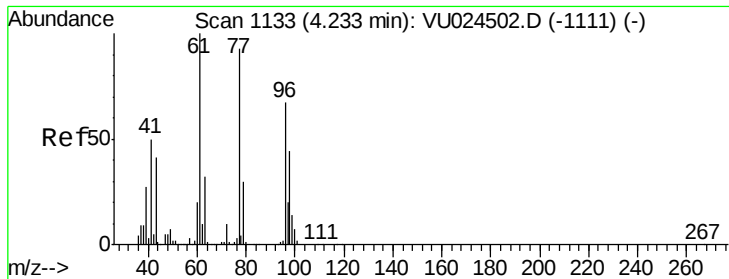
1000

500

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 3.697 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025217.D

Acq: 05 Jul 2018 15:50

Instrument :

MSVOA_U

ClientSampleId :

DUP-0473-180628

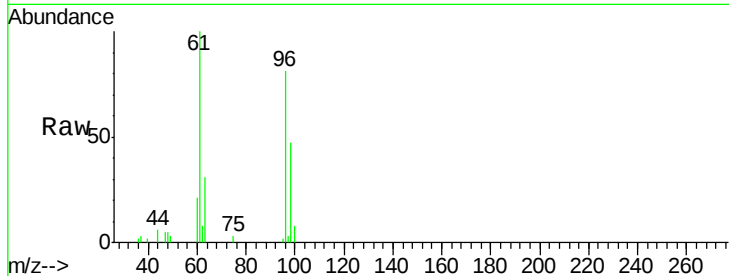
Tot Ion: 96 Resp: 11025

Ion Ratio Lower Upper

96 100

61 124.9 0.0 306.6

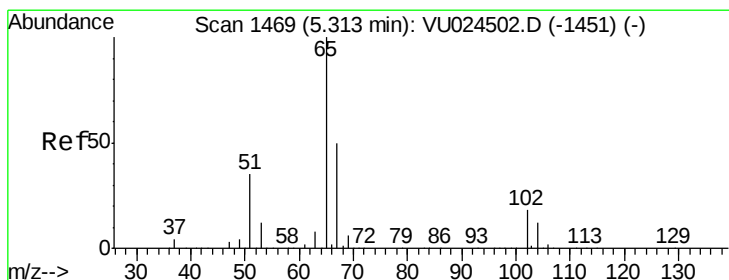
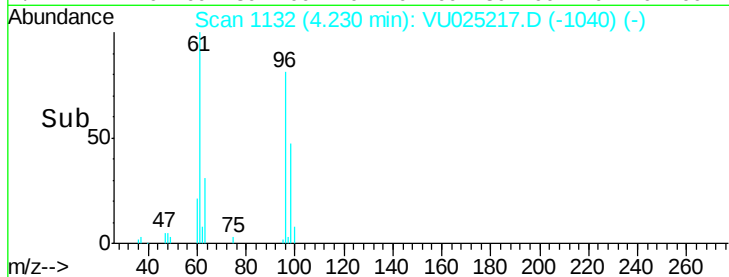
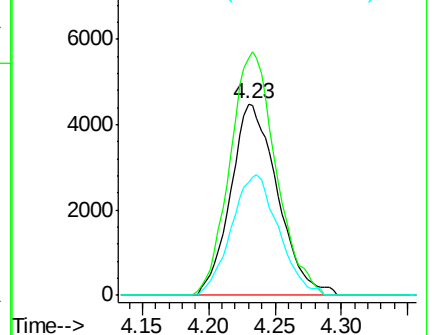
98 63.4 0.0 128.8



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: 46.261 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU025217.D

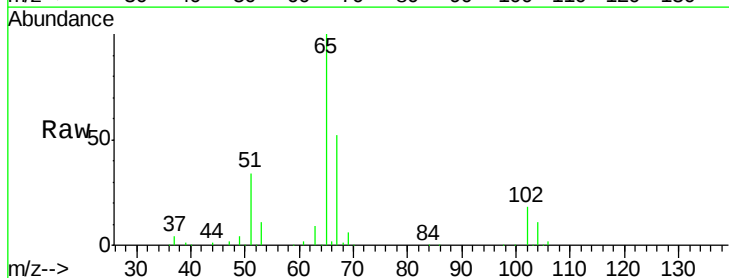
Acq: 05 Jul 2018 15:50

Tgt Ion: 65 Resp: 156198

Ion Ratio Lower Upper

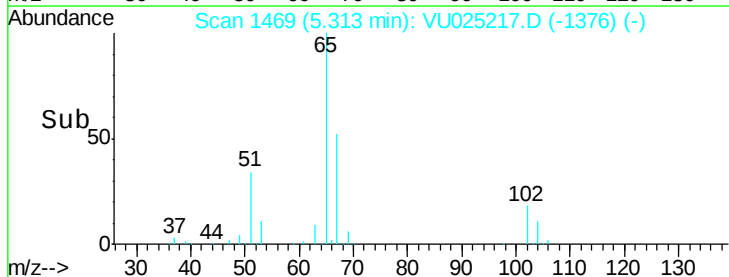
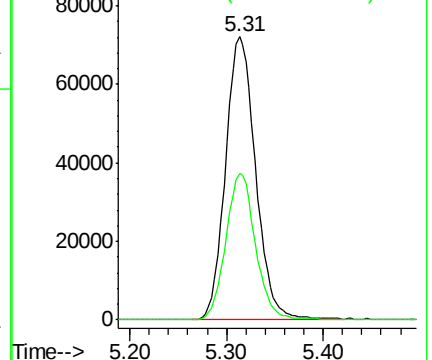
65 100

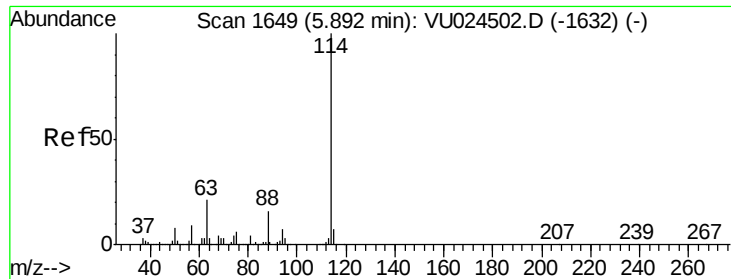
67 50.9 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VU025217.D

Acq: 05 Jul 2018 15:50

Instrument :

MSVOA_U

ClientSampleId :

DUP-0473-180628

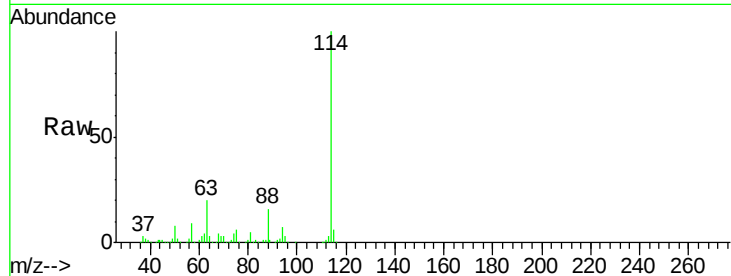
Tot Ion:114 Resp: 311328

Ion Ratio Lower Upper

114 100

63 20.4 0.0 45.4

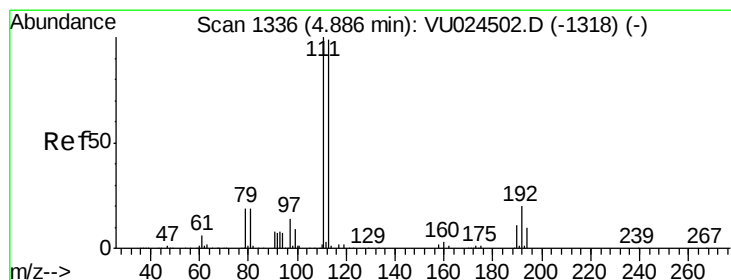
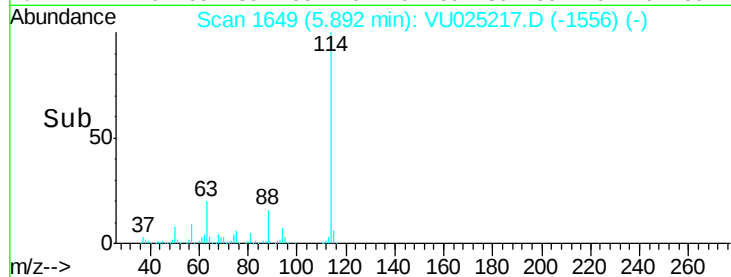
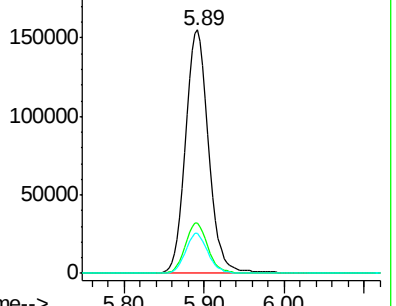
88 16.3 0.0 31.0



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: 46.960 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025217.D

Acq: 05 Jul 2018 15:50

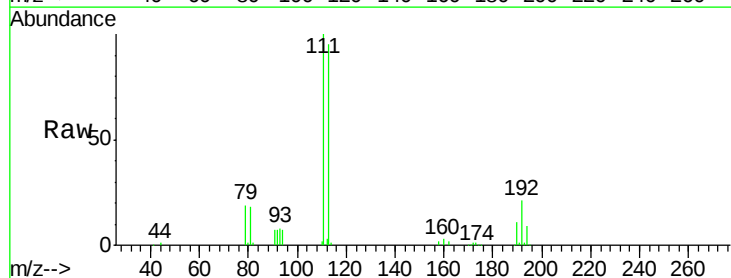
Tgt Ion:113 Resp: 121335

Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.4

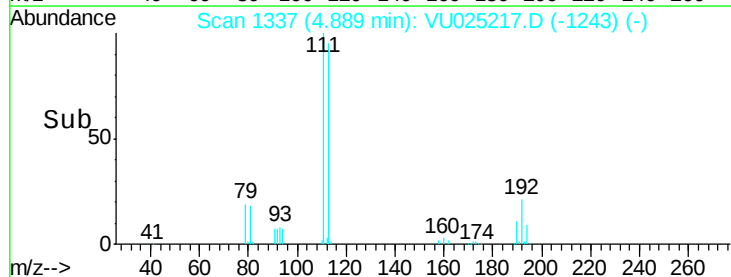
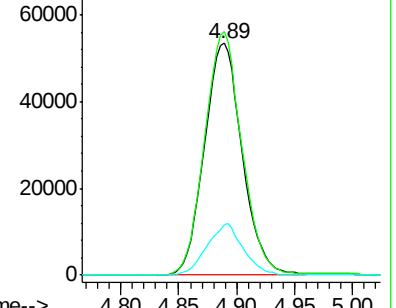
192 21.1 16.2 24.4

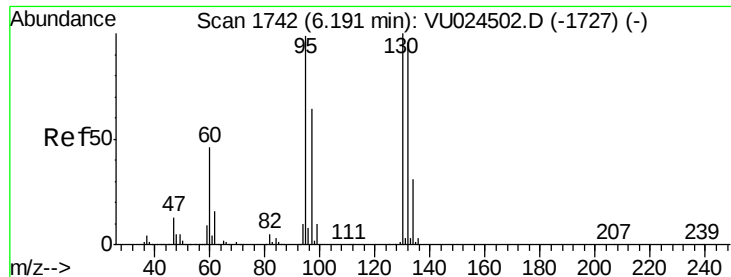


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 4.997 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VU025217.D

Acq: 05 Jul 2018 15:50

Instrument :

MSVOA_U

ClientSampleId :

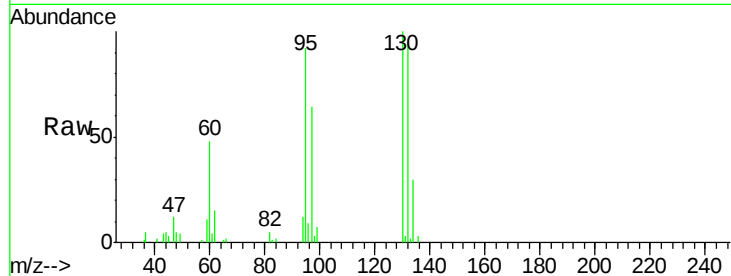
DUP-0473-180628

Tot Ion:130 Resp: 14824

Ion Ratio Lower Upper

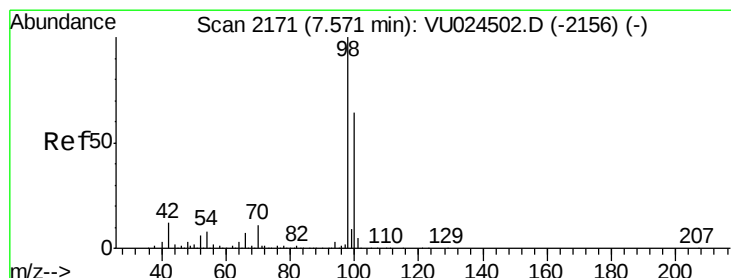
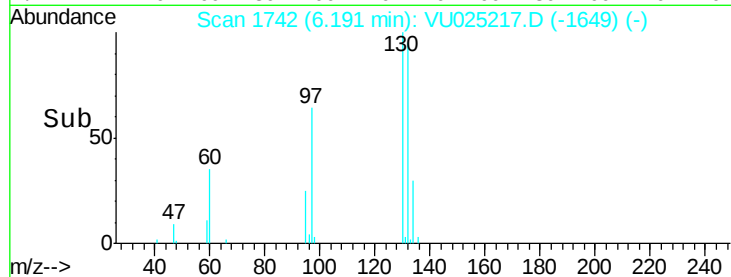
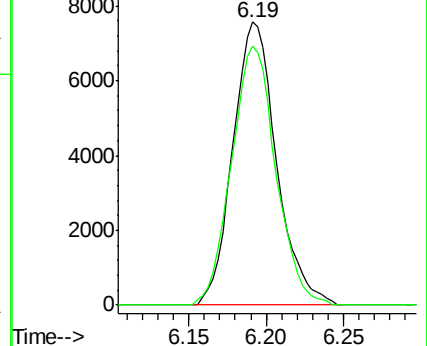
130 100

95 91.6 0.0 202.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0



#50

Toluene-d8

Concen: 47.384 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VU025217.D

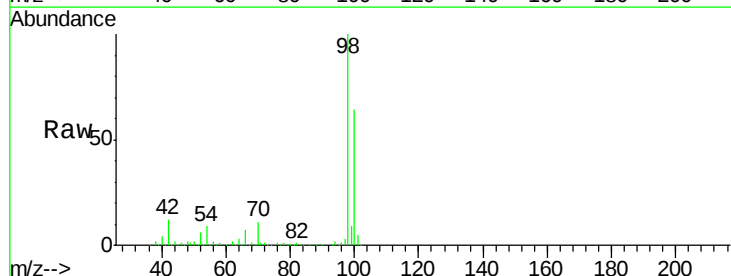
Acq: 05 Jul 2018 15:50

Tgt Ion: 98 Resp: 446573

Ion Ratio Lower Upper

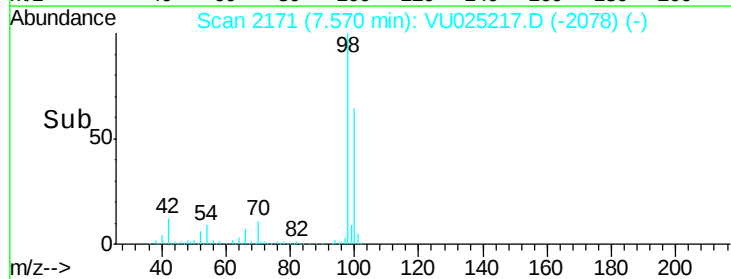
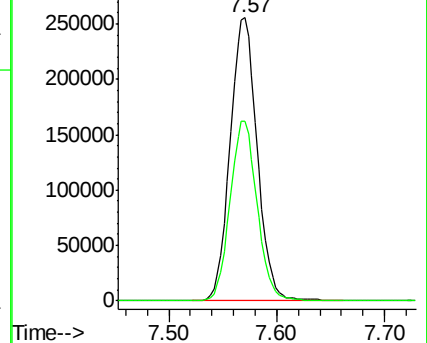
98 100

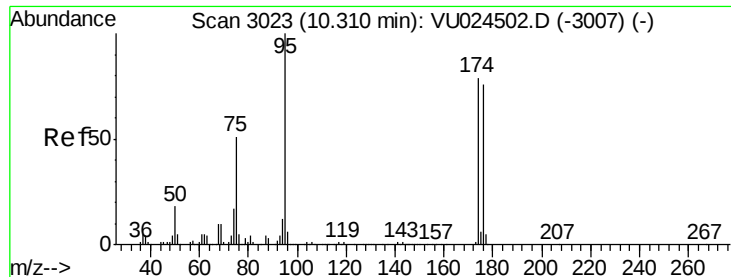
100 63.8 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#62

4-Bromofluorobenzene

Concen: 43.642 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025217.D

Acq: 05 Jul 2018 15:50

Instrument :

MSVOA_U

ClientSampleId :

DUP-0473-180628

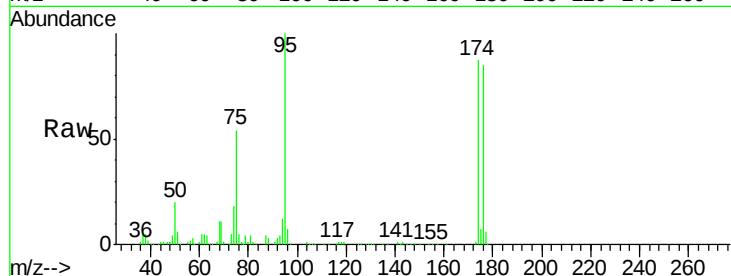
Tot Ion: 95 Resp: 163304

Ion Ratio Lower Upper

95 100

174 85.3 0.0 165.8

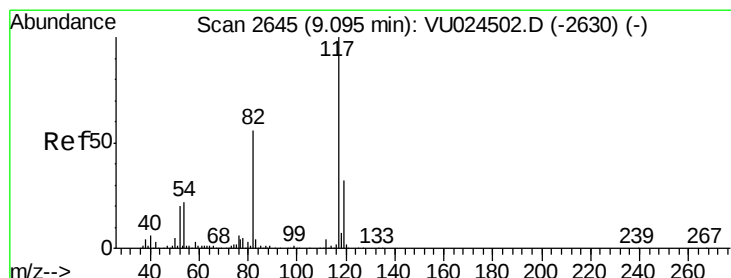
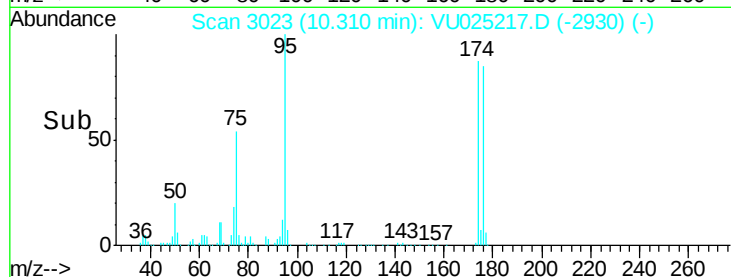
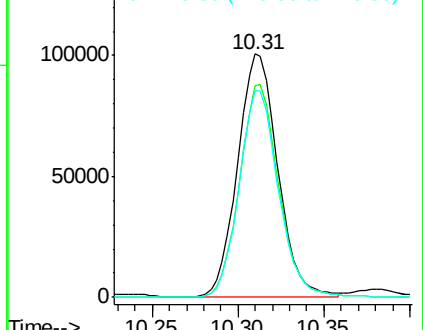
176 83.5 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU025217.D (-2930) (-)

Ion 173.80 (173.50 to 174.50): VU025217.D (-2930) (-)

Ion 175.80 (175.50 to 176.50): VU025217.D (-2930) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. -0.00 min

Lab File: VU025217.D

Acq: 05 Jul 2018 15:50

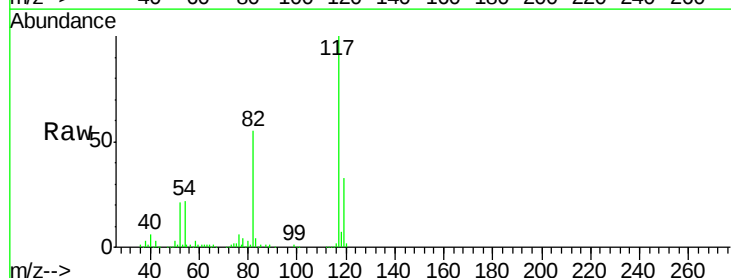
Tgt Ion: 117 Resp: 286453

Ion Ratio Lower Upper

117 100

82 55.4 44.3 66.5

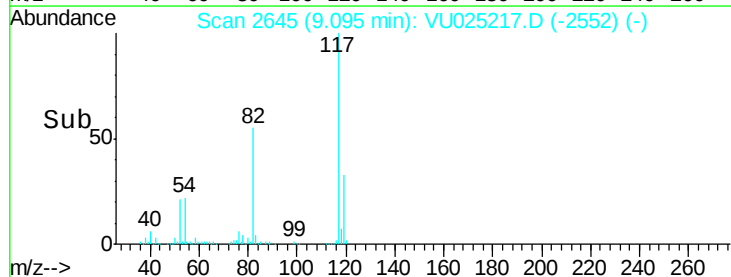
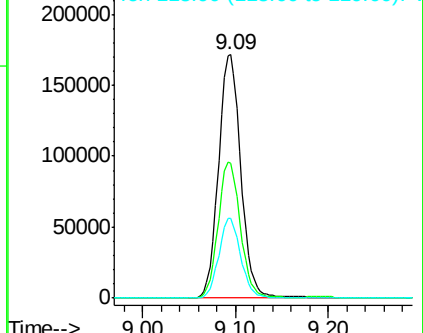
119 32.7 25.4 38.2

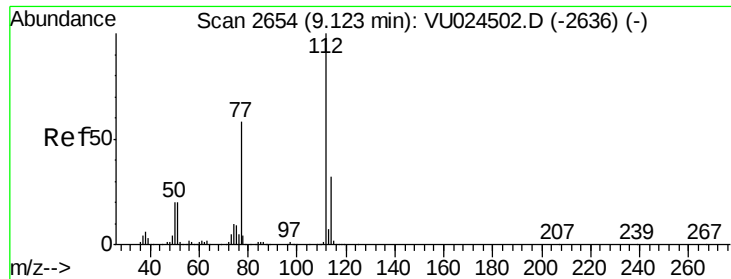


Abundance Ion 116.90 (116.60 to 117.60): VU025217.D (-2552) (-)

Ion 82.00 (81.70 to 82.70): VU025217.D (-2552) (-)

Ion 118.90 (118.60 to 119.60): VU025217.D (-2552) (-)





#65

Chlorobenzene

Concen: 2.573 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. -0.00 min

Lab File: VU025217.D

Acq: 05 Jul 2018 15:50

Instrument :

MSVOA_U

ClientSampleId :

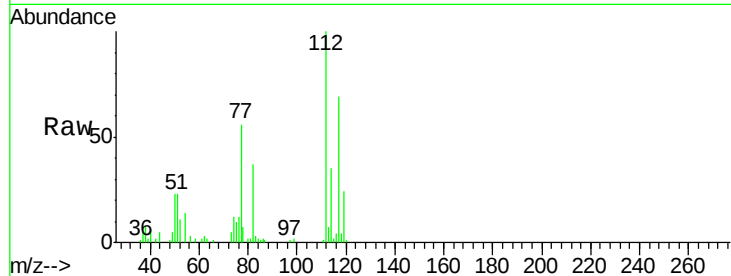
DUP-0473-180628

Tot Ion:112 Resp: 18832

Ion Ratio Lower Upper

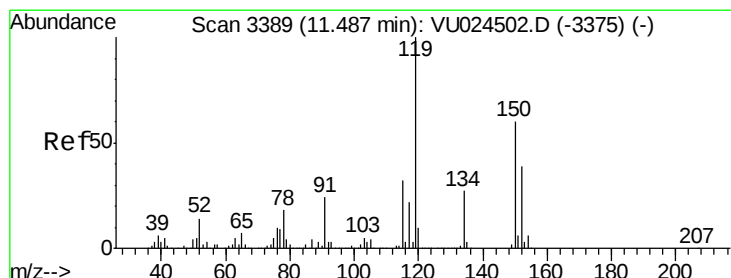
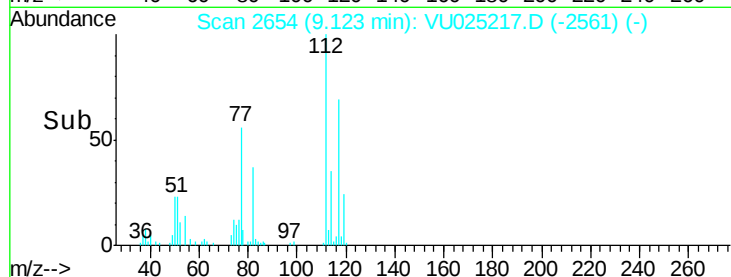
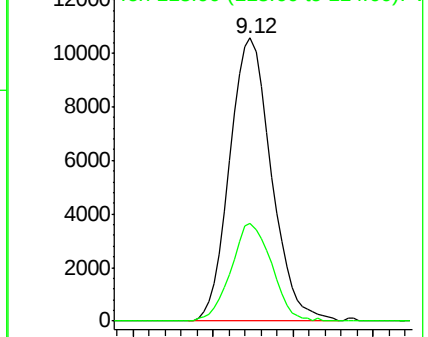
112 100

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# 3389

Delta R.T. -0.00 min

Lab File: VU025217.D

Acq: 05 Jul 2018 15:50

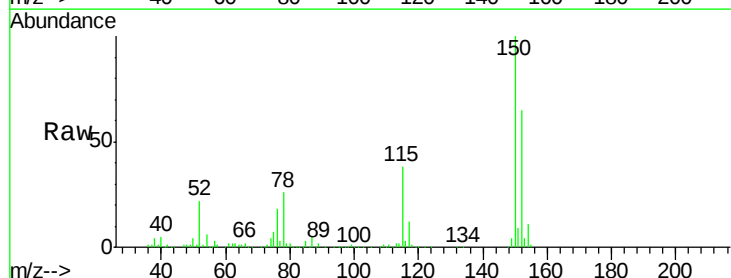
Tgt Ion:152 Resp: 150371

Ion Ratio Lower Upper

152 100

115 57.7 43.0 129.0

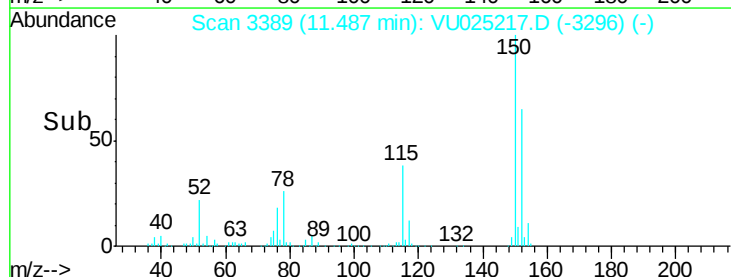
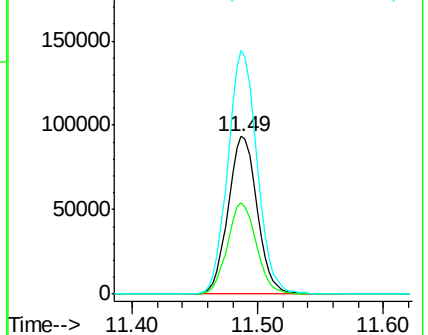
150 155.1 0.0 354.0

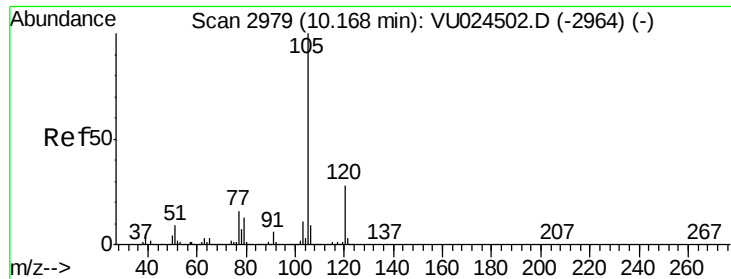


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.007 ug/l

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU025217.D

Acq: 05 Jul 2018 15:50

Instrument :

MSVOA_U

ClientSampleId :

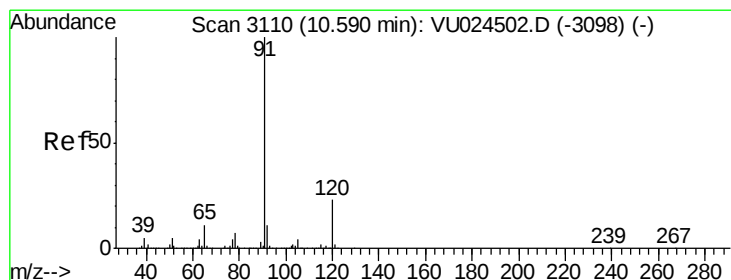
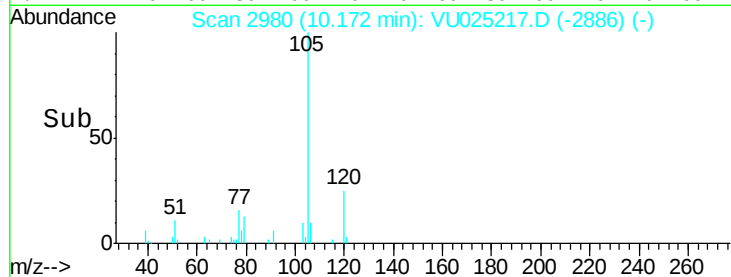
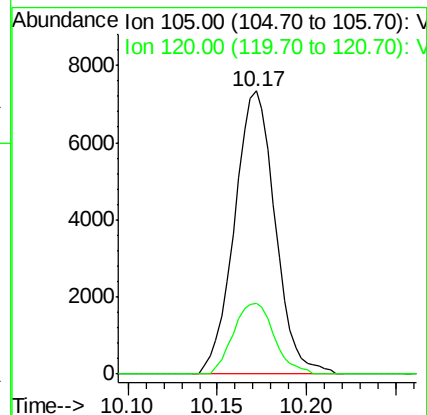
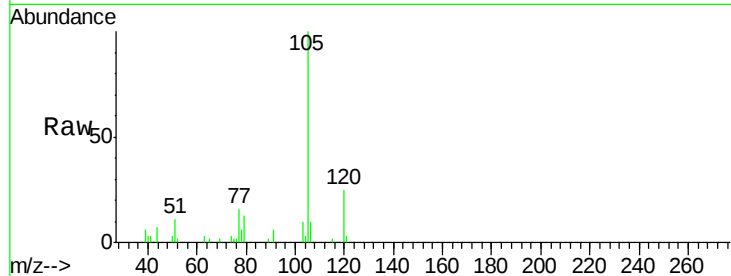
DUP-0473-180628

Tot Ion:105 Resp: 11631

Ion Ratio Lower Upper

105 100

120 25.3 13.2 39.6



#78

n-propylbenzene

Concen: 1.248 ug/l

RT: 10.59 min Scan# 3111

Delta R.T. 0.00 min

Lab File: VU025217.D

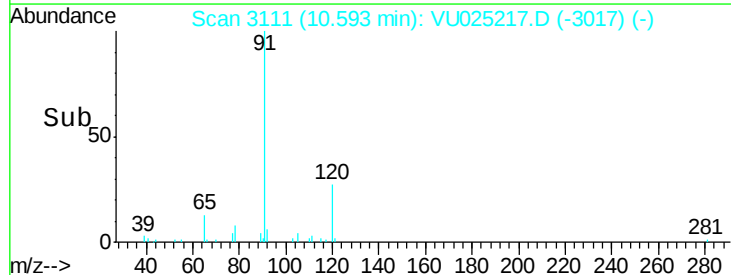
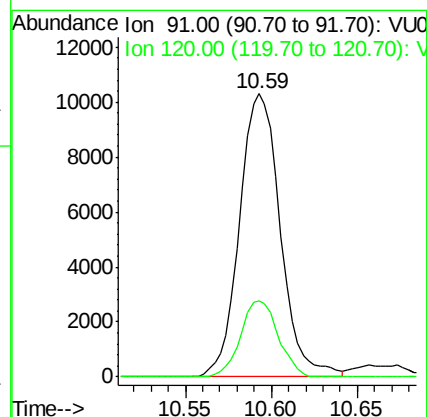
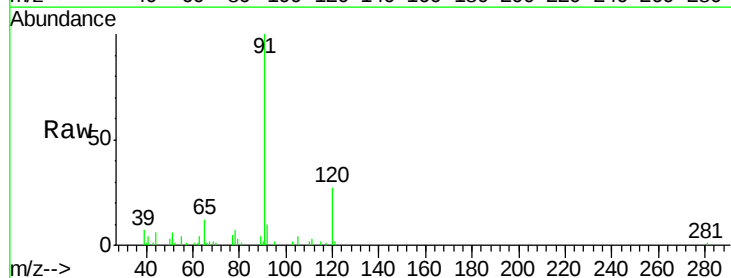
Acq: 05 Jul 2018 15:50

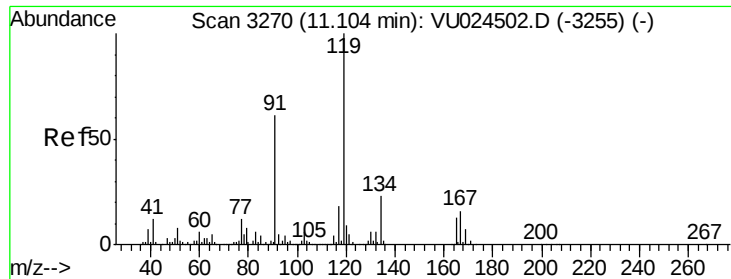
Tgt Ion: 91 Resp: 16966

Ion Ratio Lower Upper

91 100

120 24.6 11.2 33.5





#83

tert-Butylbenzene

Concen: 5.394 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. -0.00 min

Lab File: VU025217.D

Acq: 05 Jul 2018 15:50

Instrument :

MSVOA_U

ClientSampleId :

DUP-0473-180628

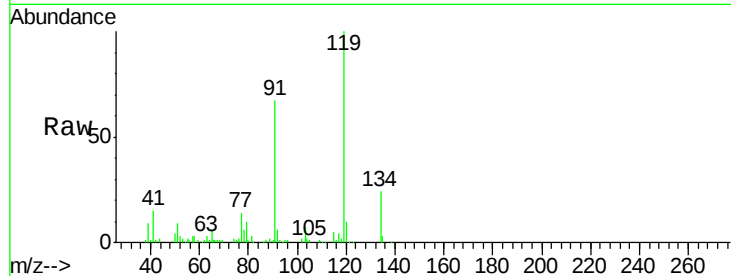
Tot Ion:119 Resp: 51922

Ion Ratio Lower Upper

119 100

91 69.0 29.7 89.1

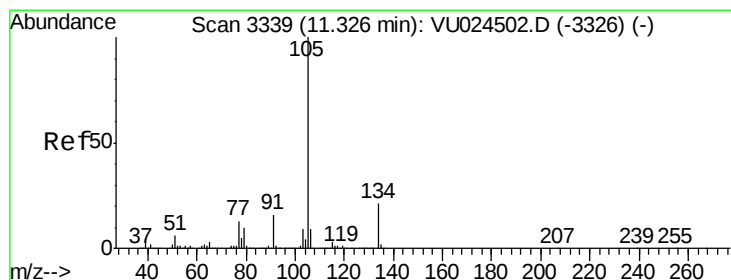
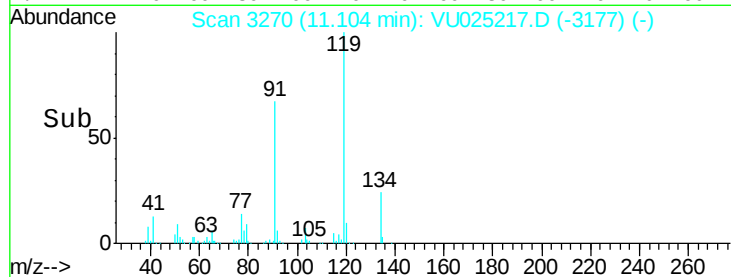
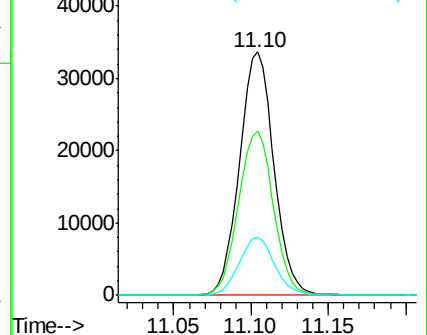
134 24.5 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#85

sec-Butylbenzene

Concen: 6.916 ug/l

RT: 11.33 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VU025217.D

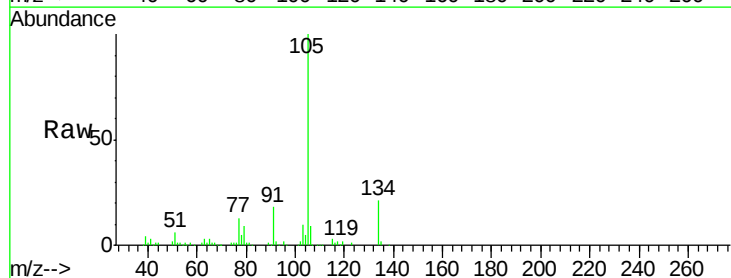
Acq: 05 Jul 2018 15:50

Tgt Ion:105 Resp: 83332

Ion Ratio Lower Upper

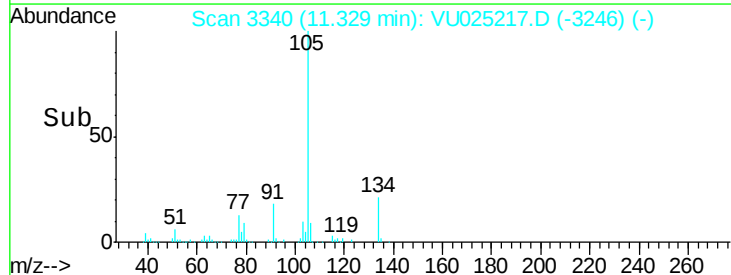
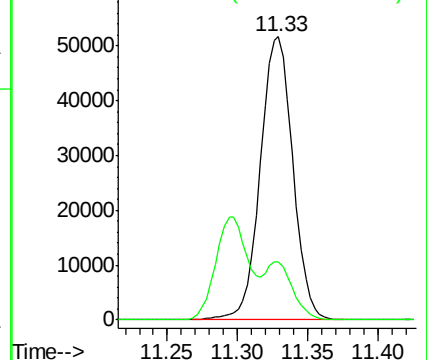
105 100

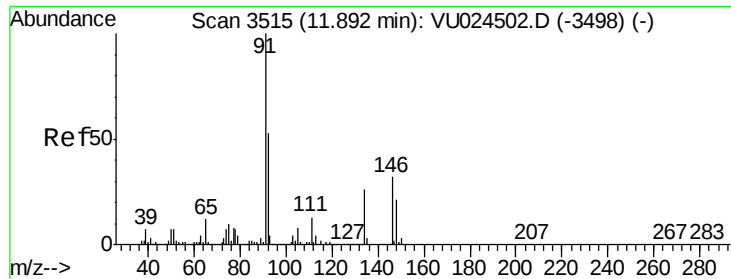
134 17.1 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#89

n-Butylbenzene

Concen: 1.105 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. -0.00 min

Lab File: VU025217.D

Acq: 05 Jul 2018 15:50

Instrument :

MSVOA_U

ClientSampleId :

DUP-0473-180628

Tot Ion: 91 Resp: 10590

Ion Ratio Lower Upper

91 100

92 37.8 25.6 76.8

134 0.0 12.3 36.8#

