

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062318\
 Data File : VU024856.D
 Acq On : 23 Jun 2018 01:05
 Operator : MD/SY
 Sample : J3662-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW348-180619

Quant Time: Jun 23 04:41:02 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

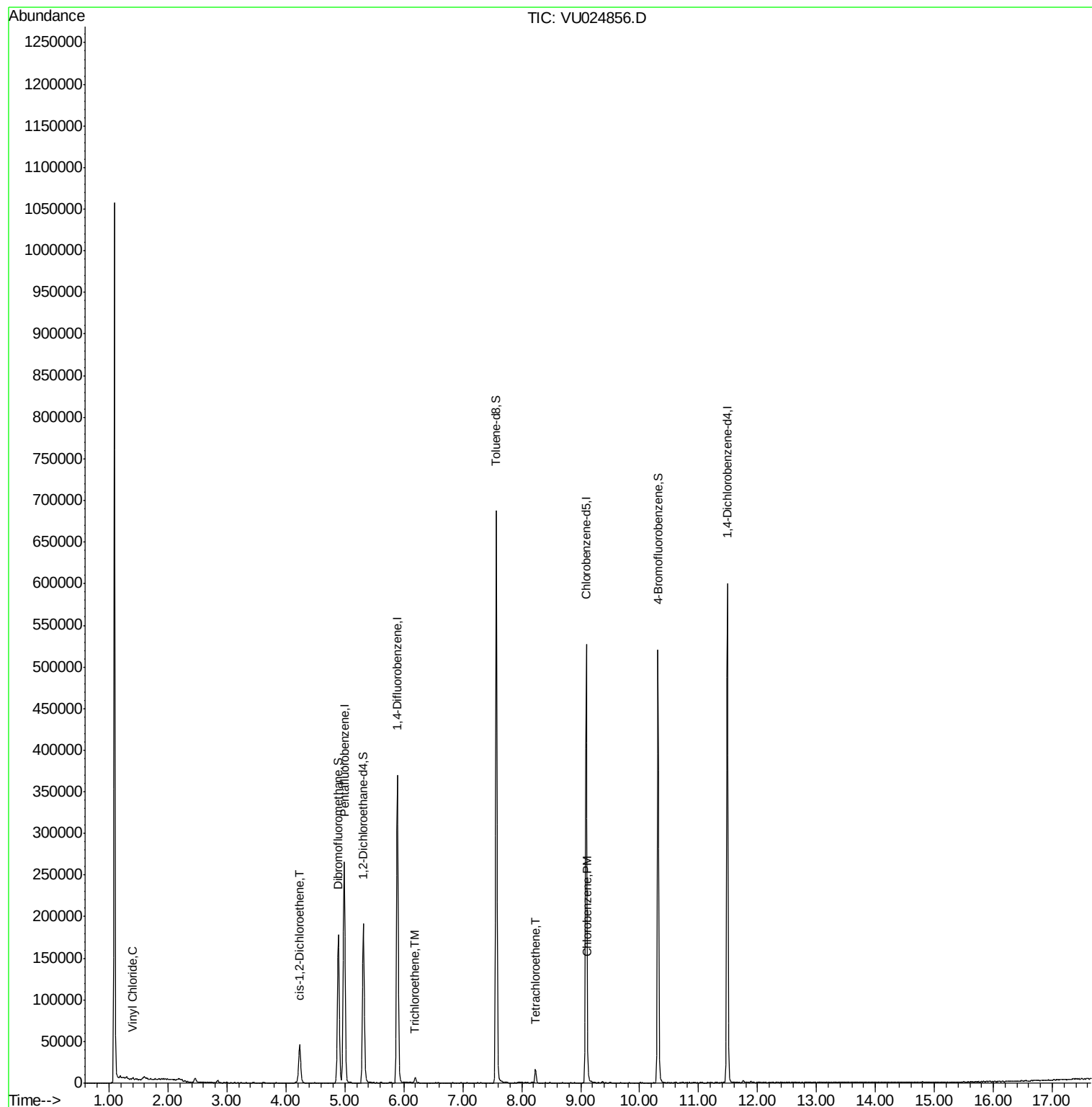
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	206561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	312964	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	291125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	154367	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	151583	44.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.90%	
35) Dibromofluoromethane	4.89	113	122028	46.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.96%	
50) Toluene-d8	7.57	98	453034	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
62) 4-Bromofluorobenzene	10.31	95	165770	44.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.14%	
Target Compounds						
4) Vinyl Chloride	1.40	62	1764	0.65	ug/l	# 85
27) cis-1,2-Dichloroethene	4.23	96	25575	8.59	ug/l	89
44) Trichloroethene	6.19	130	2415	0.81	ug/l	93
64) Tetrachloroethene	8.23	164	3774	1.36	ug/l	94
65) Chlorobenzene	9.12	112	2292	0.31	ug/l	99

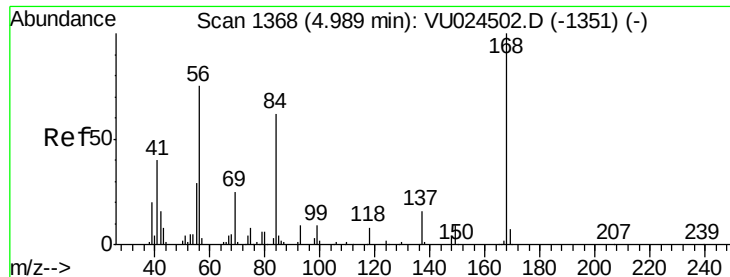
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU024856.D

Acq: 23 Jun 2018 01:05

Instrument :

MSVOA_U

ClientSampleId :

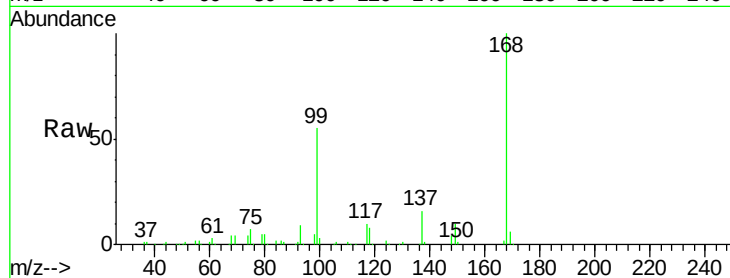
WP021MW348-180619

Tot Ion:168 Resp: 206561

Ion Ratio Lower Upper

168 100

99 55.0 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024856.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU024856.D (-1275) (-)

4.99

100000

80000

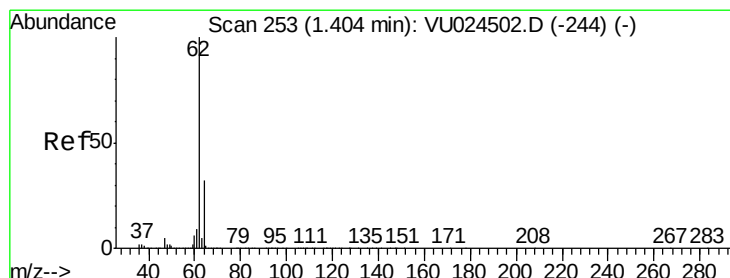
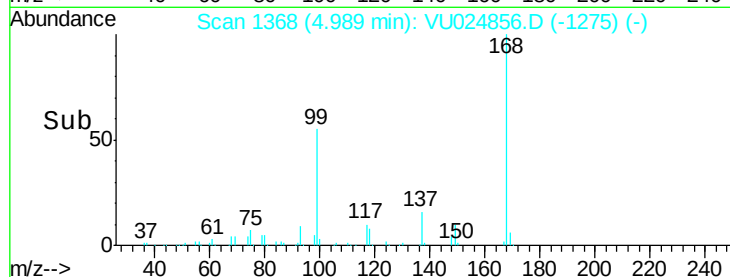
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 0.65 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024856.D

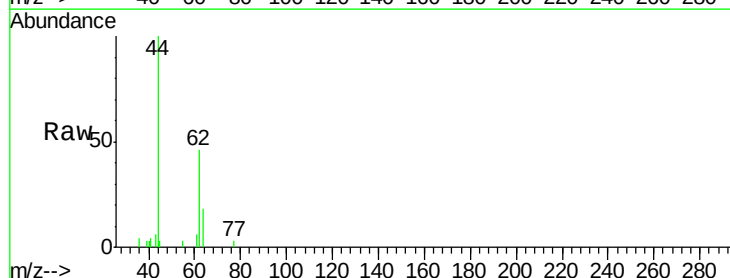
Acq: 23 Jun 2018 01:05

Tgt Ion: 62 Resp: 1764

Ion Ratio Lower Upper

62 100

64 39.0 24.8 37.2#



Abundance Ion 61.90 (61.60 to 62.60): VU024856.D (-160) (-)

Ion 63.90 (63.60 to 64.60): VU024856.D (-160) (-)

1.40

2000

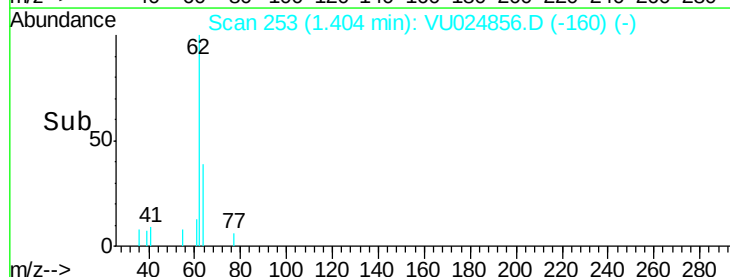
1500

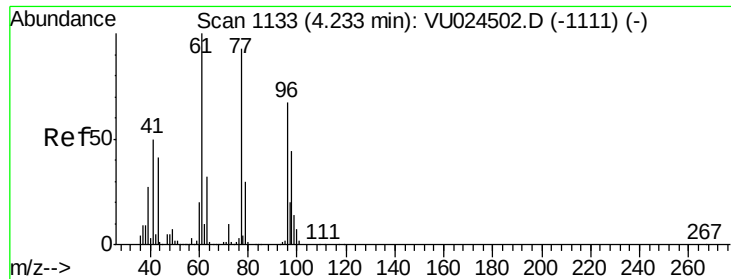
1000

500

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 8.59 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU024856.D

Acq: 23 Jun 2018 01:05

Instrument :

MSVOA_U

ClientSampleId :

WP021MW348-180619

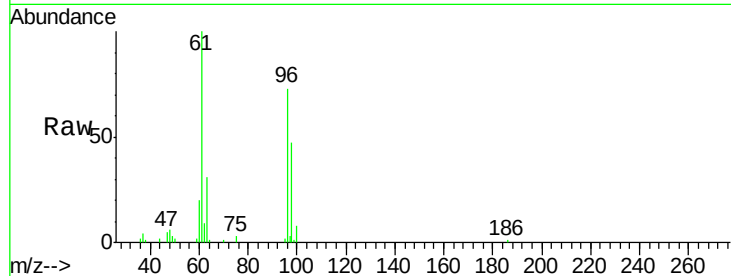
Tot Ion: 96 Resp: 25575

Ion Ratio Lower Upper

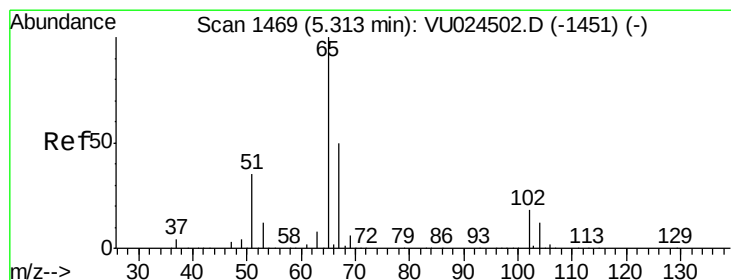
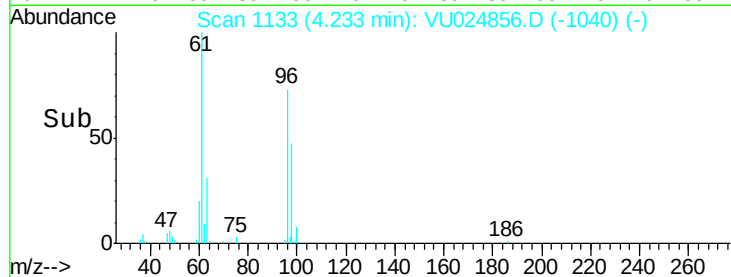
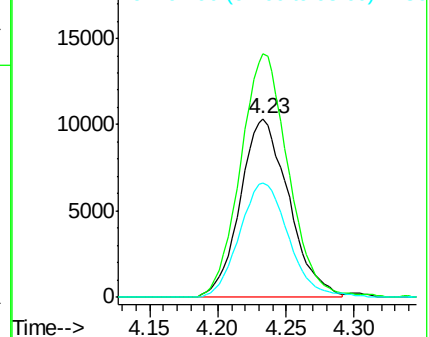
96 100

61 134.3 0.0 306.6

98 64.7 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: 44.95 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU024856.D

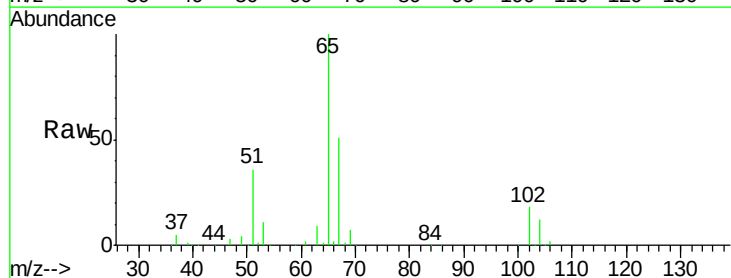
Acq: 23 Jun 2018 01:05

Tgt Ion: 65 Resp: 151583

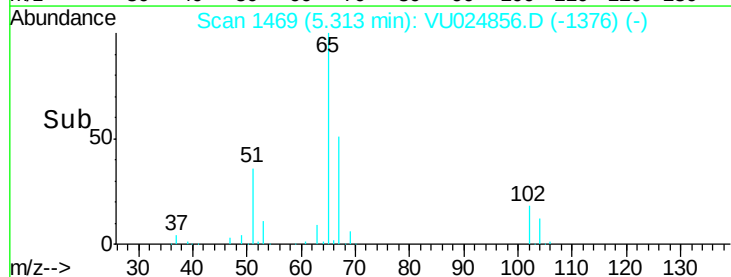
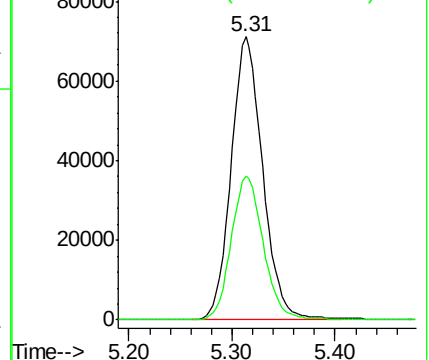
Ion Ratio Lower Upper

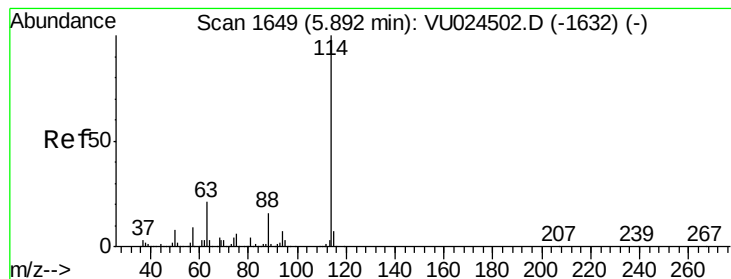
65 100

67 51.3 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# 1649

Delta R.T. 0.00 min

Lab File: VU024856.D

Acq: 23 Jun 2018 01:05

Instrument :

MSVOA_U

ClientSampleId :

WP021MW348-180619

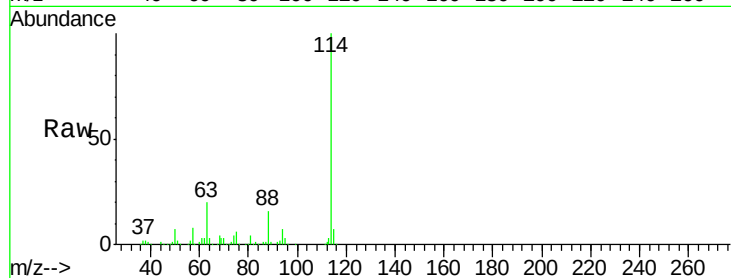
Tot Ion:114 Resp: 312964

Ion Ratio Lower Upper

114 100

63 20.3 0.0 45.4

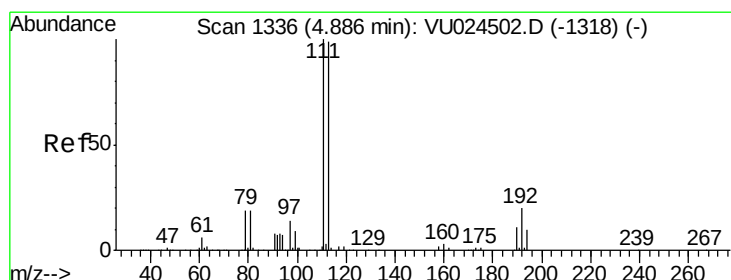
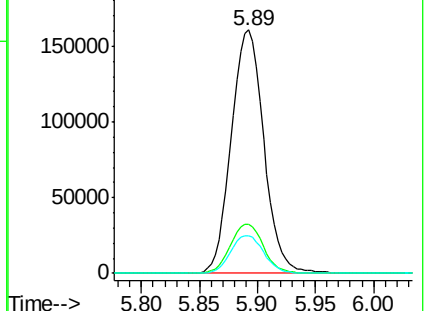
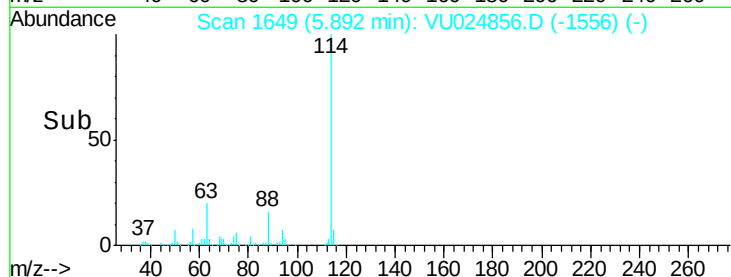
88 15.5 0.0 31.0



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: 46.98 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024856.D

Acq: 23 Jun 2018 01:05

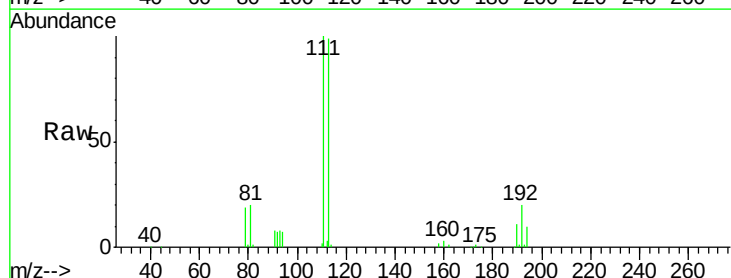
Tgt Ion:113 Resp: 122028

Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.4

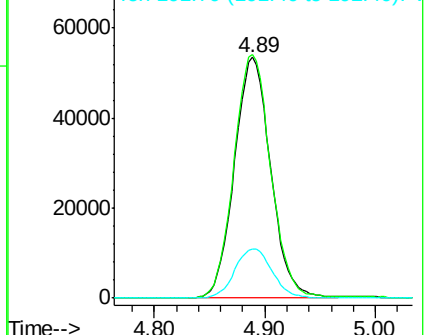
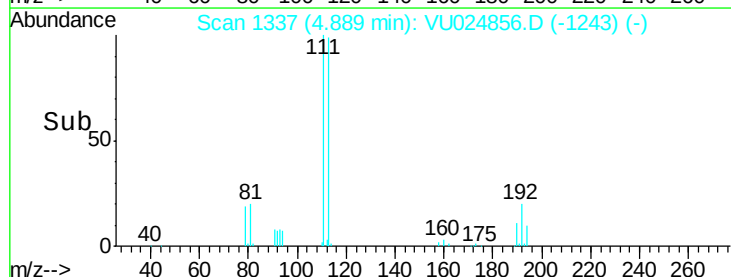
192 21.1 16.2 24.4

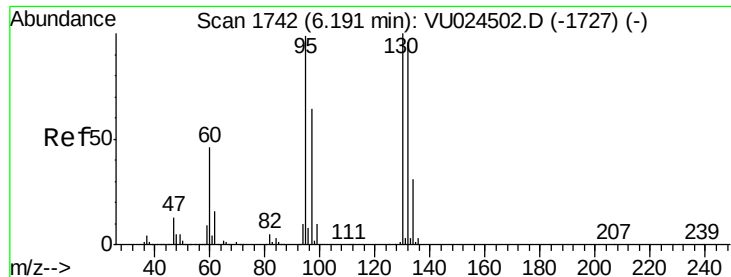


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.81 ug/l

RT: 6.19 min Scan# 1743

Delta R.T. 0.00 min

Lab File: VU024856.D

Acq: 23 Jun 2018 01:05

Instrument :

MSVOA_U

ClientSampleId :

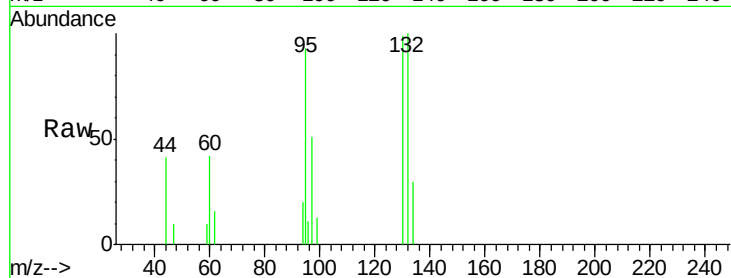
WP021MW348-180619

Tot Ion:130 Resp: 2415

Ion Ratio Lower Upper

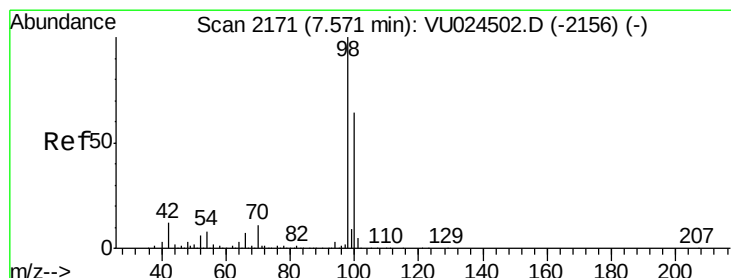
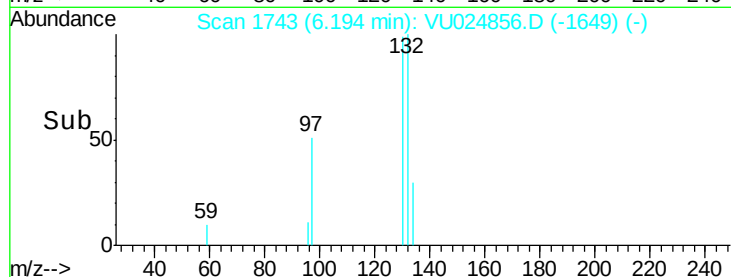
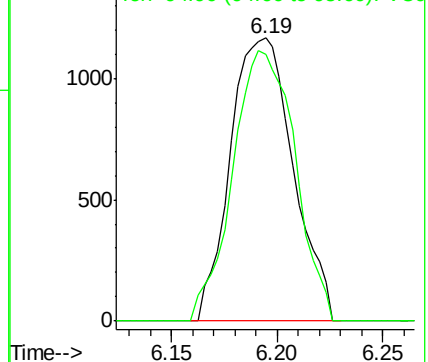
130 100

95 94.3 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: 47.82 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024856.D

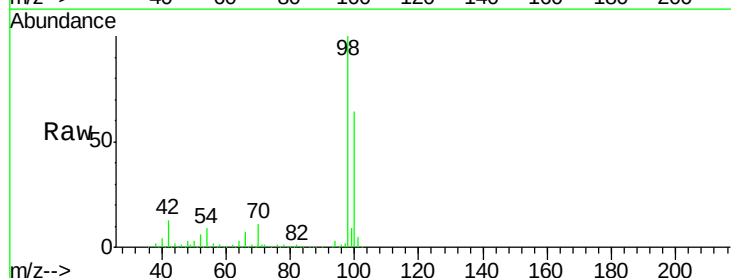
Acq: 23 Jun 2018 01:05

Tgt Ion: 98 Resp: 453034

Ion Ratio Lower Upper

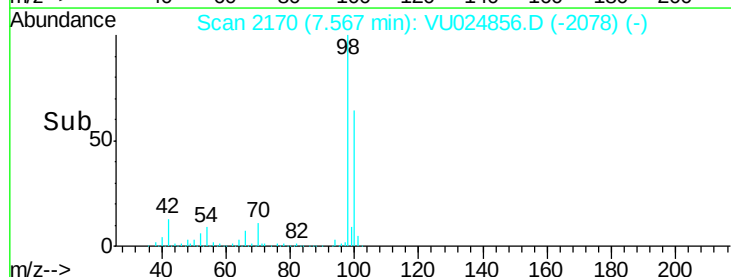
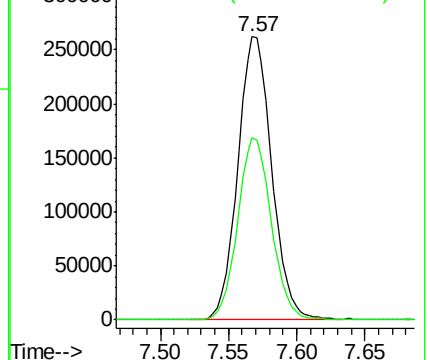
98 100

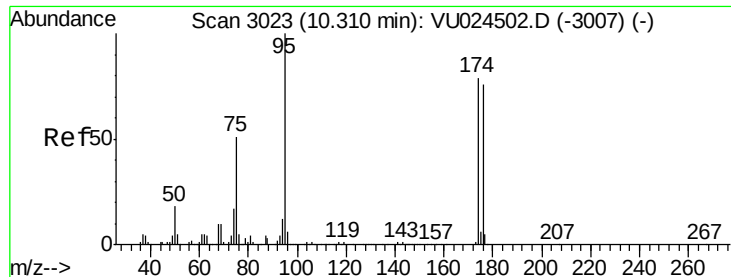
100 63.9 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#62

4-Bromofluorobenzene

Concen: 44.07 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024856.D

Acq: 23 Jun 2018 01:05

Instrument :

MSVOA_U

ClientSampleId :

WP021MW348-180619

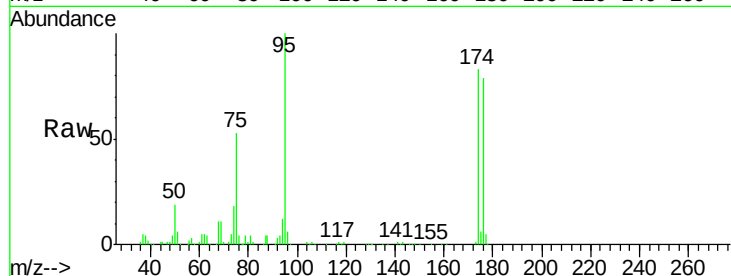
Tot Ion: 95 Resp: 165770

Ion Ratio Lower Upper

95 100

174 85.4 0.0 165.8

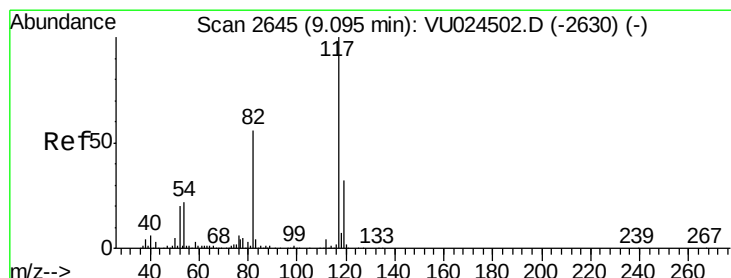
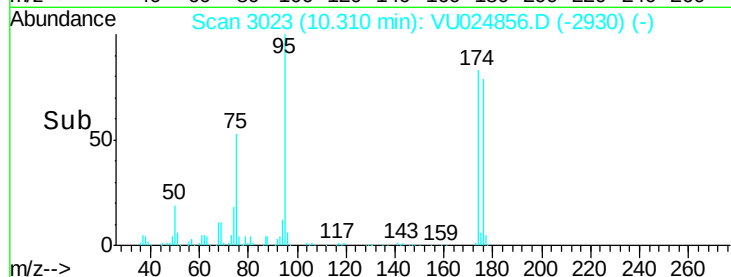
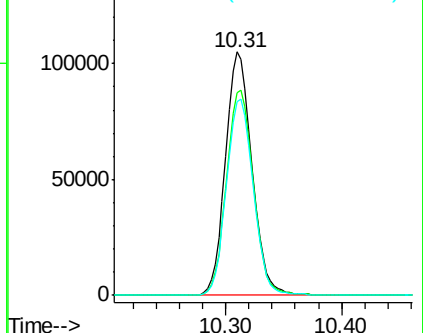
176 81.5 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU024502.D (-3007) (-)

Ion 173.80 (173.50 to 174.50): VU024502.D (-3007) (-)

Ion 175.80 (175.50 to 176.50): VU024502.D (-3007) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VU024856.D

Acq: 23 Jun 2018 01:05

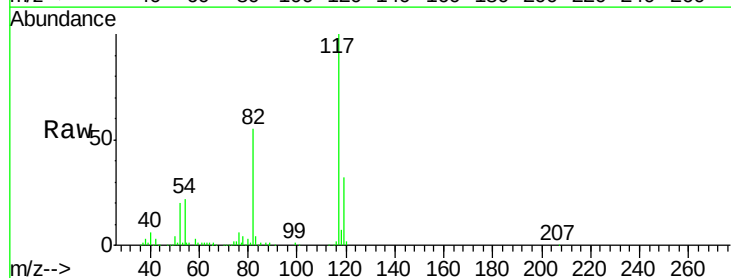
Tgt Ion: 117 Resp: 291125

Ion Ratio Lower Upper

117 100

82 54.6 44.3 66.5

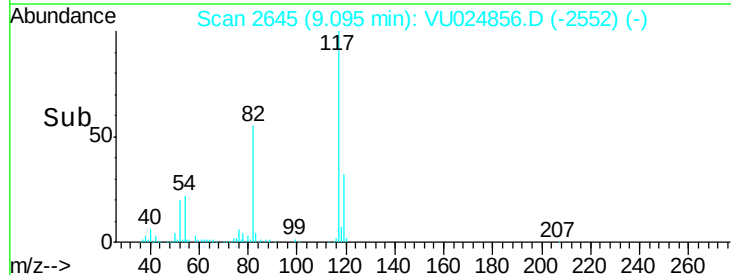
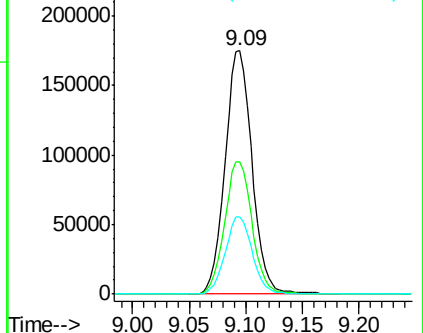
119 31.9 25.4 38.2

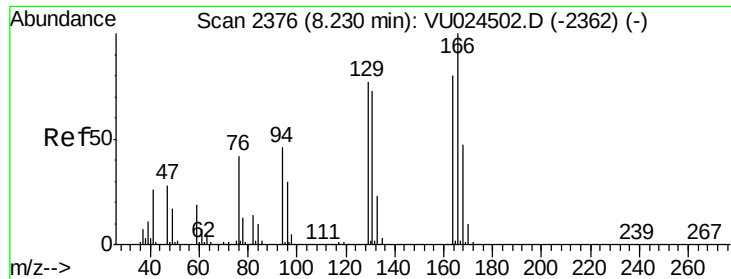


Abundance Ion 116.90 (116.60 to 117.60): VU024502.D (-2630) (-)

Ion 82.00 (81.70 to 82.70): VU024502.D (-2630) (-)

Ion 118.90 (118.60 to 119.60): VU024502.D (-2630) (-)

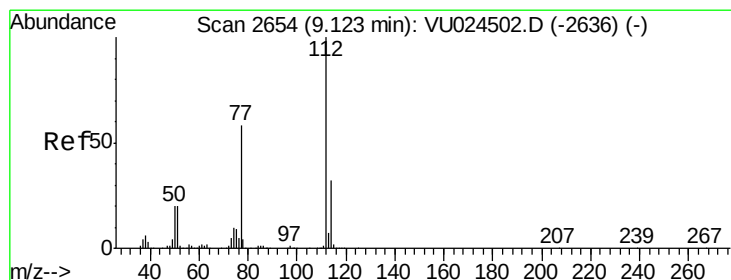
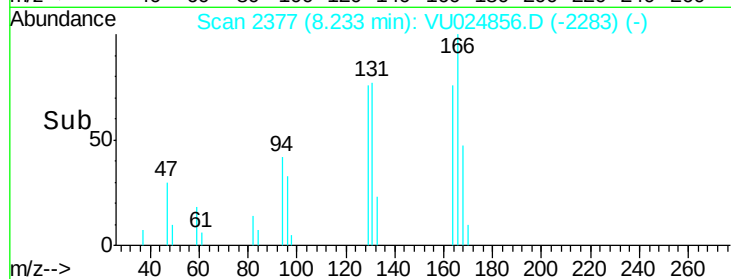
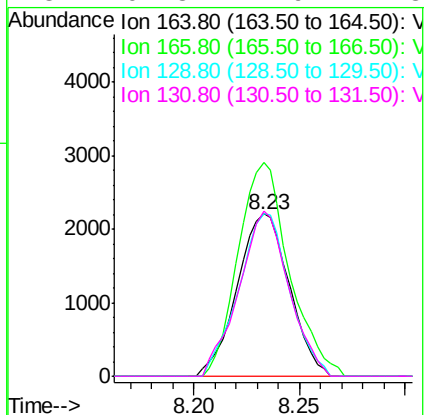
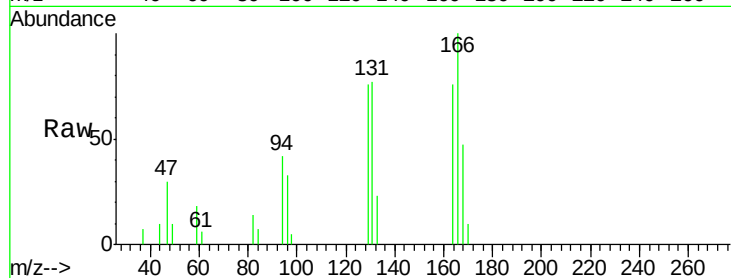




#64
Tetrachloroethene
Concen: 1.36 ug/l
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU024856.D
Acq: 23 Jun 2018 01:05

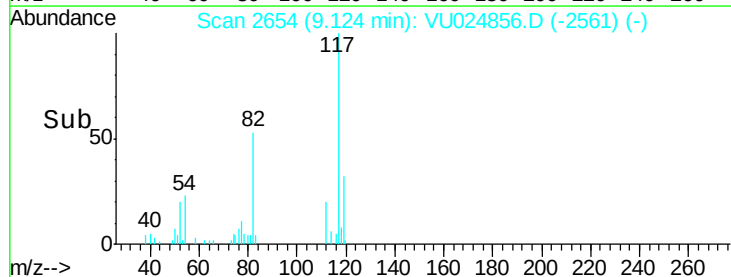
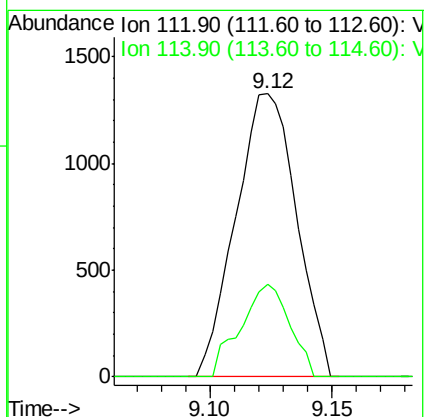
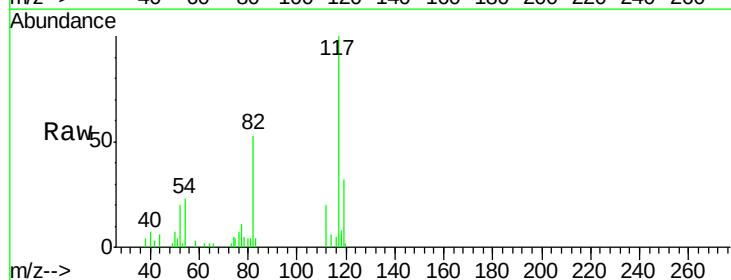
Instrument :
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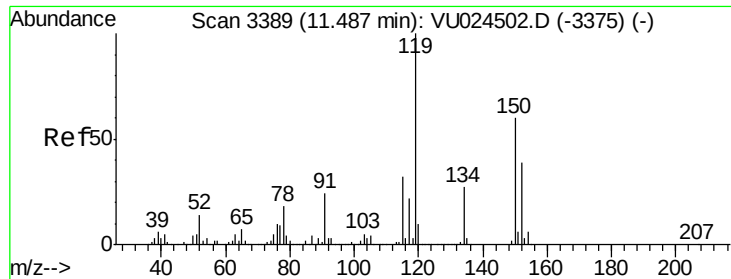
Tot Ion:164 Resp: 3774
Ion Ratio Lower Upper
164 100
166 131.8 101.7 152.5
129 100.5 76.9 115.3
131 101.8 74.9 112.3



#65
Chlorobenzene
Concen: 0.31 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU024856.D
Acq: 23 Jun 2018 01:05

Tgt Ion:112 Resp: 2292
Ion Ratio Lower Upper
112 100
114 32.8 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU024856.D

Acq: 23 Jun 2018 01:05

Instrument :

MSVOA_U

ClientSampleId :

WP021MW348-180619

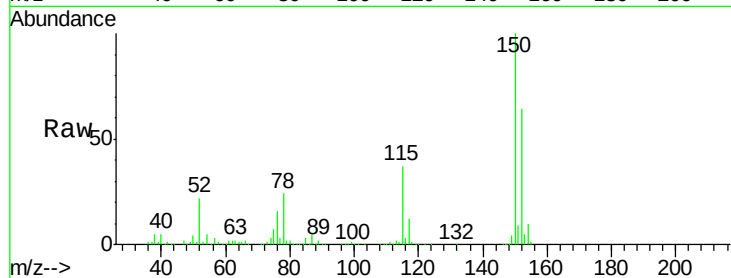
Tot Ion:152 Resp: 154367

Ion Ratio Lower Upper

152 100

115 57.2 43.0 129.0

150 157.5 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

