

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU063018\
 Data File : VU025092.D
 Acq On : 30 Jun 2018 16:47
 Operator : MD/SY
 Sample : J3759-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW361-180625

Quant Time: Jul 02 09:42:10 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	217099	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	322618	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	296769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	153809	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	163526	46.14	ug/l	0.00
Spiked Amount			Recovery	=	92.28%	
35) Dibromofluoromethane	4.89	113	125252	46.78	ug/l	0.00
Spiked Amount			Recovery	=	93.56%	
50) Toluene-d8	7.57	98	461682	47.27	ug/l	0.00
Spiked Amount			Recovery	=	94.54%	
62) 4-Bromofluorobenzene	10.31	95	169801	43.79	ug/l	0.00
Spiked Amount			Recovery	=	87.58%	

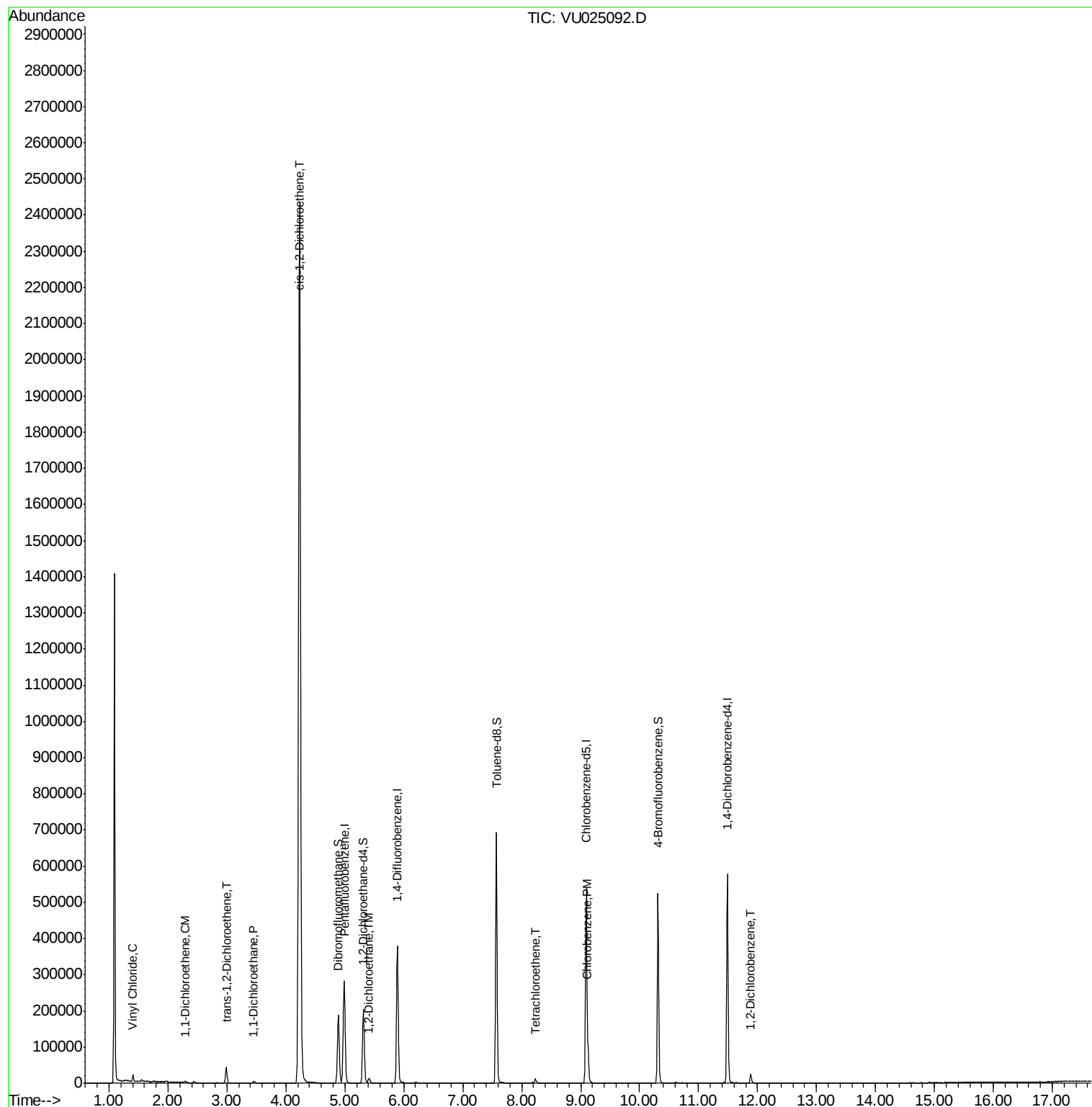
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	11310	3.95	ug/l	98
12) 1,1-Dichloroethene	2.28	96	1370	0.55	ug/l #	95
21) trans-1,2-Dichloroethene	2.99	96	17146	6.30	ug/l	92
24) 1,1-Dichloroethane	3.45	63	4832	0.92	ug/l #	94
27) cis-1,2-Dichloroethene	4.23	96	1361325	434.91	ug/l	89
42) 1,2-Dichloroethane	5.41	62	10638	2.59	ug/l	100
64) Tetrachloroethene	8.24	164	2638	0.94	ug/l	96
65) Chlorobenzene	9.12	112	47534	6.27	ug/l	95
91) 1,2-Dichlorobenzene	11.89	146	10219	1.85	ug/l	97

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

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QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU025092.D

Acq: 30 Jun 2018 16:47

Instrument :

MSVOA_U

ClientSampleId :

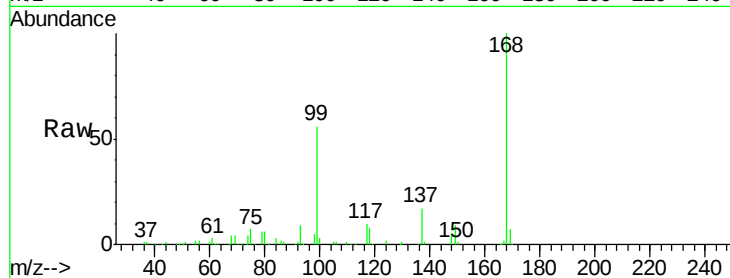
WP021MW361-180625

Tot Ion:168 Resp: 217099

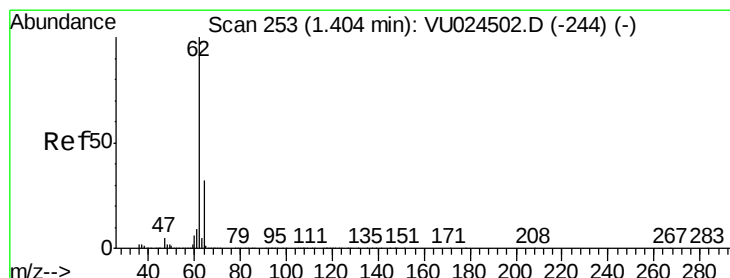
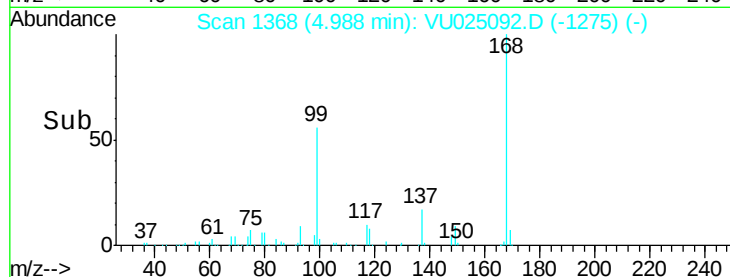
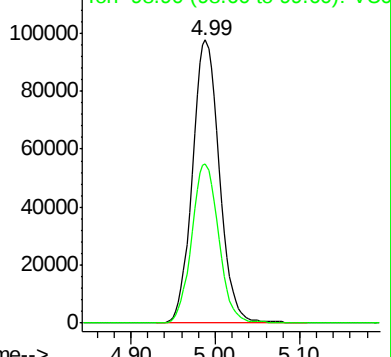
Ion Ratio Lower Upper

168 100

99 56.1 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)



#4

Vinyl Chloride

Concen: 3.95 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025092.D

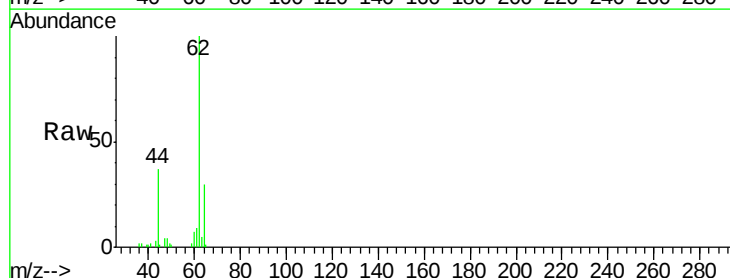
Acq: 30 Jun 2018 16:47

Tgt Ion: 62 Resp: 11310

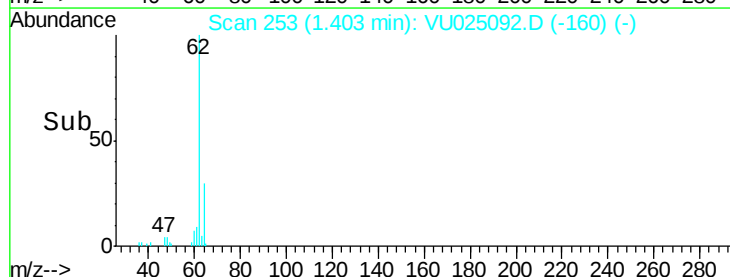
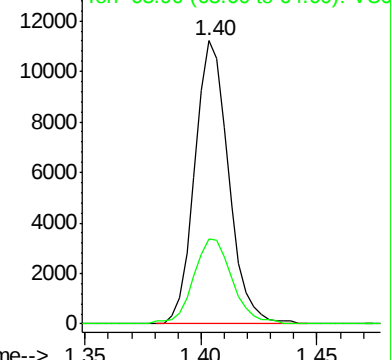
Ion Ratio Lower Upper

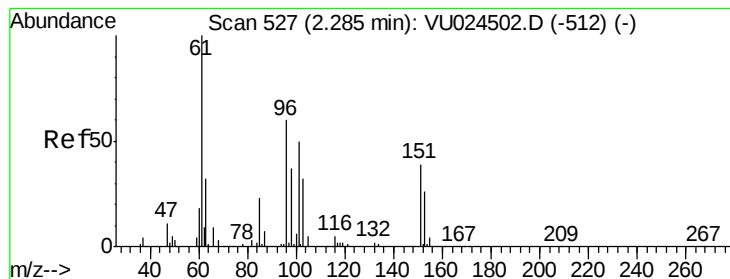
62 100

64 29.8 24.8 37.2



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





#12

1,1-Dichloroethene

Concen: 0.55 ug/l

RT: 2.28 min Scan# 527

Delta R.T. -0.00 min

Lab File: VU025092.D

Acq: 30 Jun 2018 16:47

Instrument :

MSVOA_U

ClientSampleId :

WP021MW361-180625

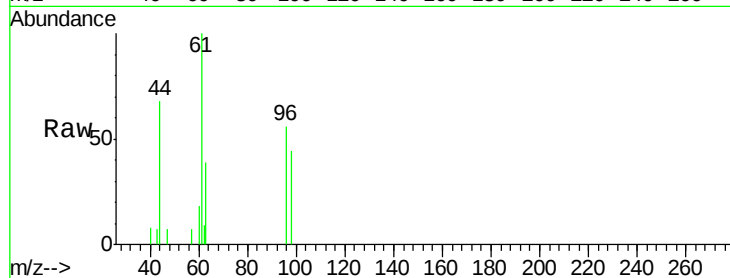
Tot Ion: 96 Resp: 1370

Ion Ratio Lower Upper

96 100

61 177.8 141.7 212.5

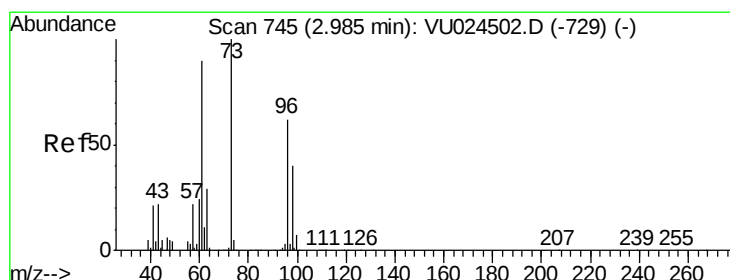
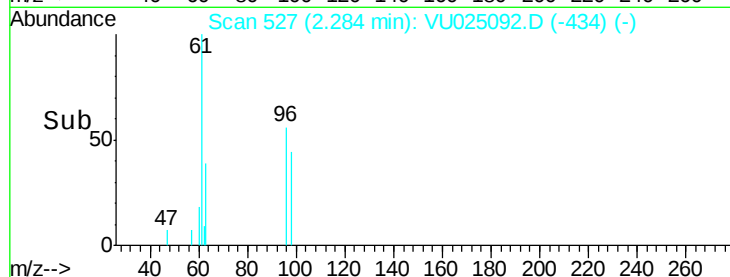
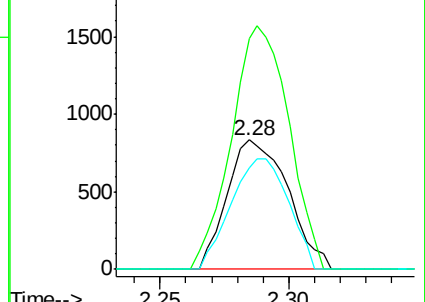
98 78.0 51.6 77.4#



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



#21

trans-1,2-Dichloroethene

Concen: 6.30 ug/l

RT: 2.99 min Scan# 746

Delta R.T. 0.00 min

Lab File: VU025092.D

Acq: 30 Jun 2018 16:47

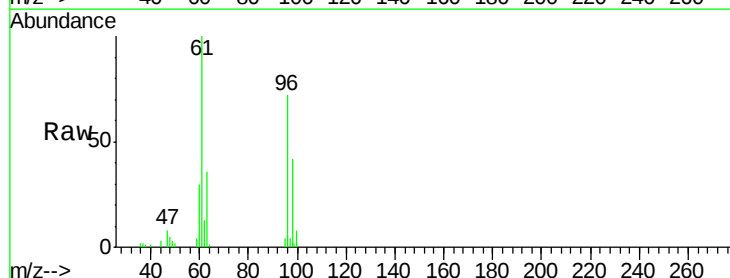
Tgt Ion: 96 Resp: 17146

Ion Ratio Lower Upper

96 100

61 139.0 119.4 179.0

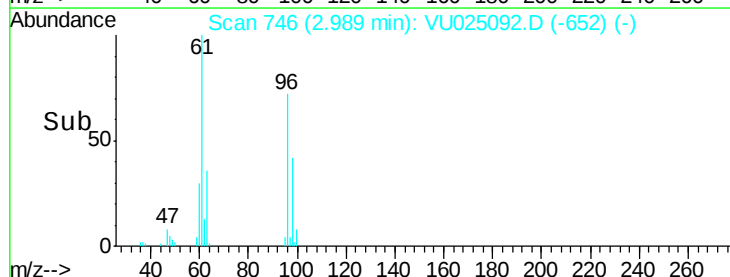
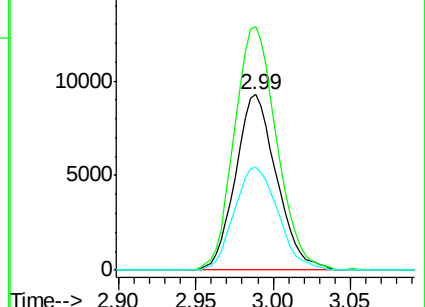
98 58.7 51.1 76.7

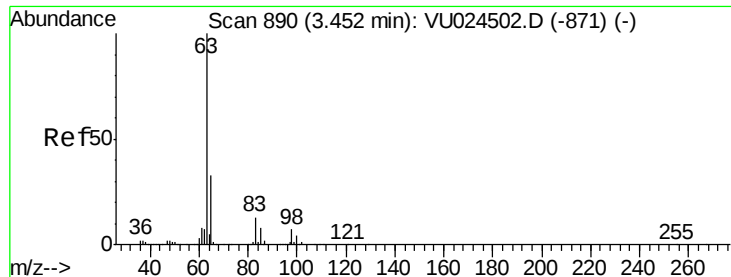


Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#24

1,1-Dichloroethane

Concen: 0.92 ug/l

RT: 3.45 min Scan# 891

Delta R.T. 0.00 min

Lab File: VU025092.D

Acq: 30 Jun 2018 16:47

Instrument :

MSVOA_U

ClientSampleId :

WP021MW361-180625

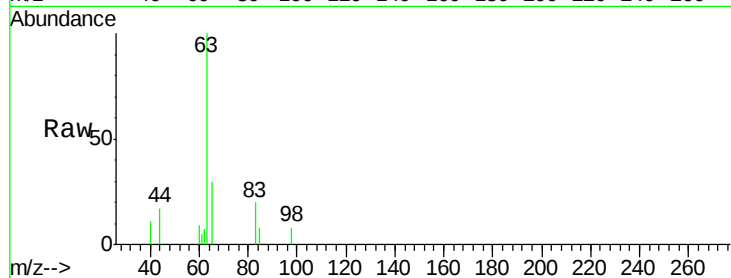
Tot Ion: 63 Resp: 4832

Ion Ratio Lower Upper

63 100

98 7.8 3.5 10.4

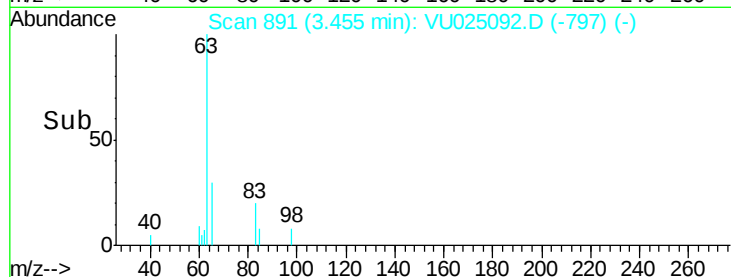
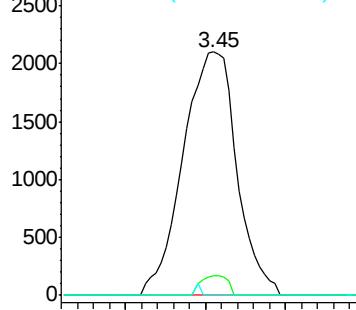
100 0.0 1.8 5.5#



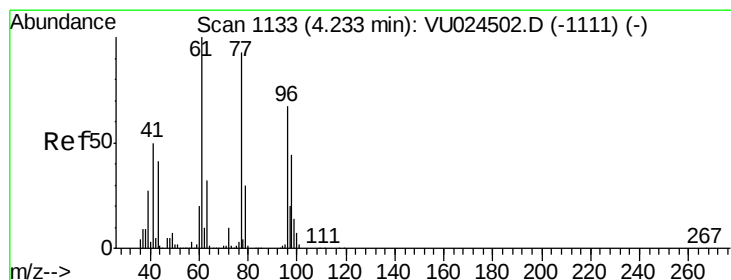
Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0



Time-->



#27

cis-1,2-Dichloroethene

Concen: 434.91 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025092.D

Acq: 30 Jun 2018 16:47

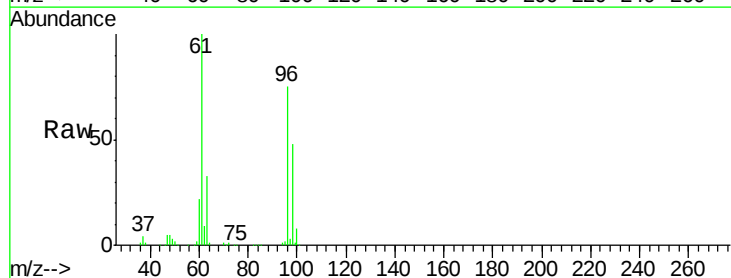
Tgt Ion: 96 Resp: 1361325

Ion Ratio Lower Upper

96 100

61 133.2 0.0 306.6

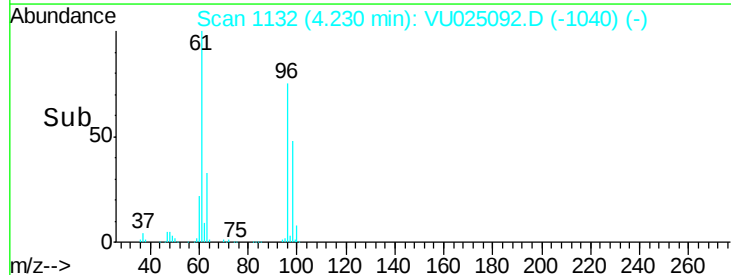
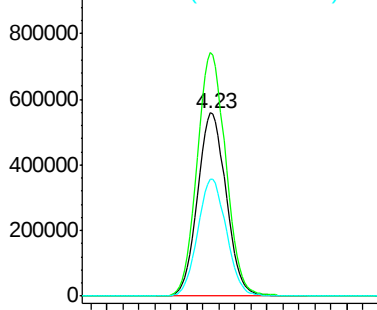
98 64.2 0.0 128.8

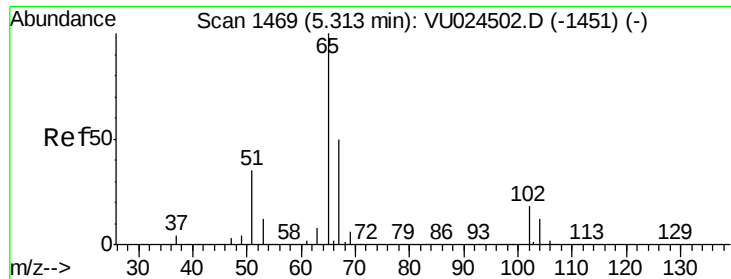


Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#33

1,2-Dichloroethane-d4

Concen: 46.14 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU025092.D

Acq: 30 Jun 2018 16:47

Instrument :

MSVOA_U

ClientSampleId :

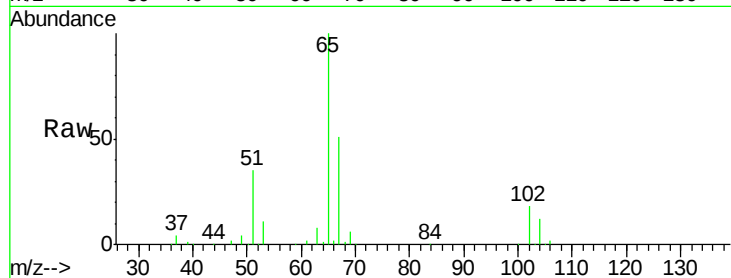
WP021MW361-180625

Tot Ion: 65 Resp: 163526

Ion Ratio Lower Upper

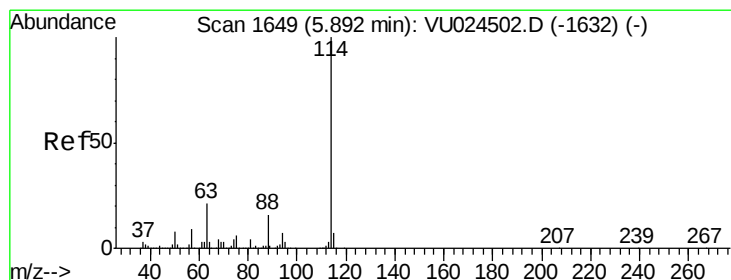
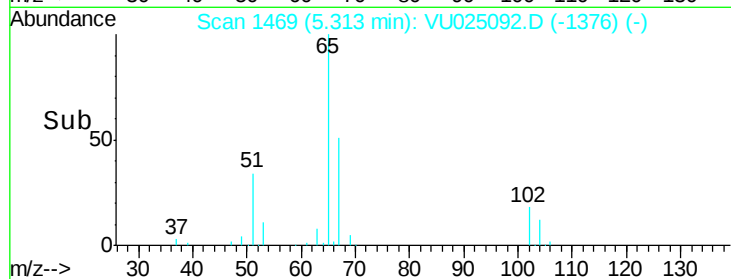
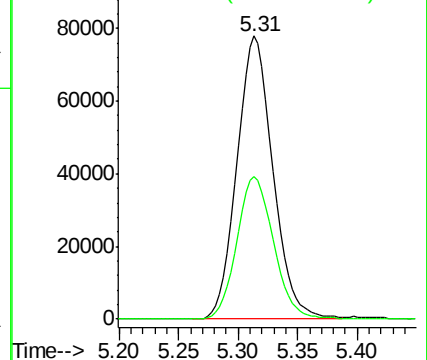
65 100

67 51.2 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU025092.D (-1376) (-)

Ion 66.90 (66.60 to 67.60): VU025092.D (-1376) (-)



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VU025092.D

Acq: 30 Jun 2018 16:47

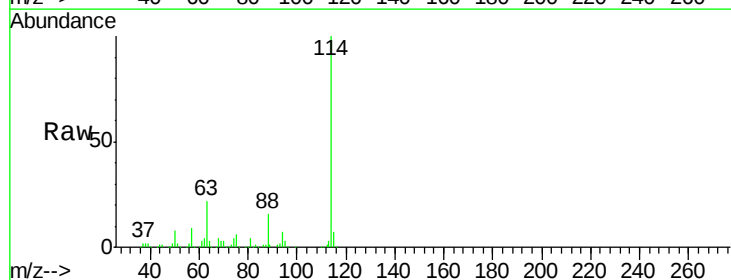
Tgt Ion: 114 Resp: 322618

Ion Ratio Lower Upper

114 100

63 21.8 0.0 45.4

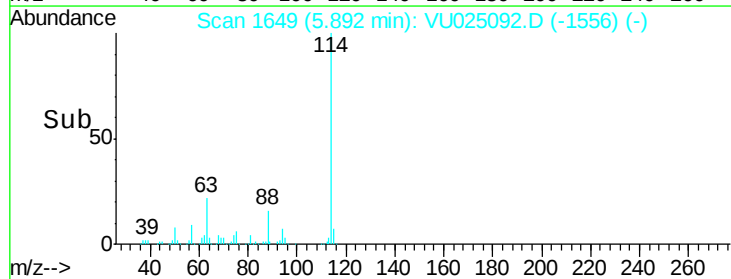
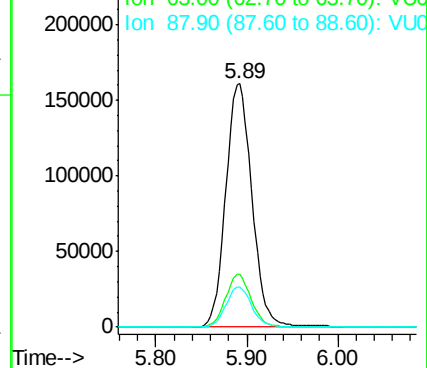
88 16.2 0.0 31.0

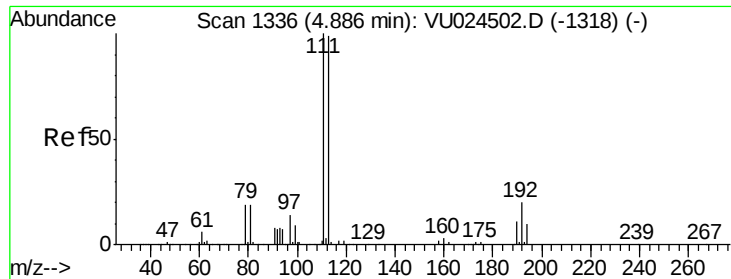


Abundance Ion 113.90 (113.60 to 114.60): VU025092.D (-1556) (-)

Ion 63.00 (62.70 to 63.70): VU025092.D (-1556) (-)

Ion 87.90 (87.60 to 88.60): VU025092.D (-1556) (-)

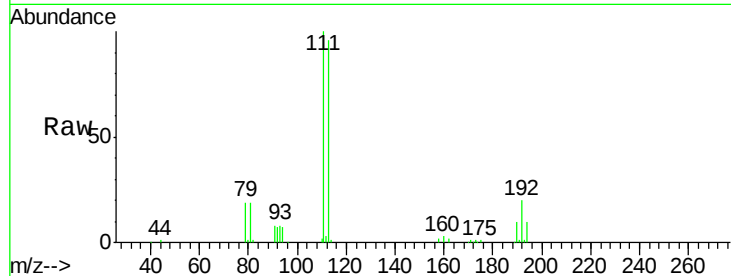




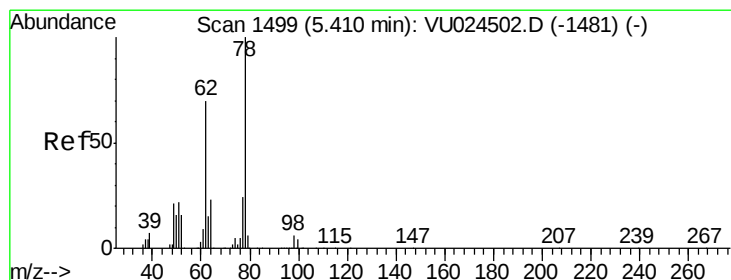
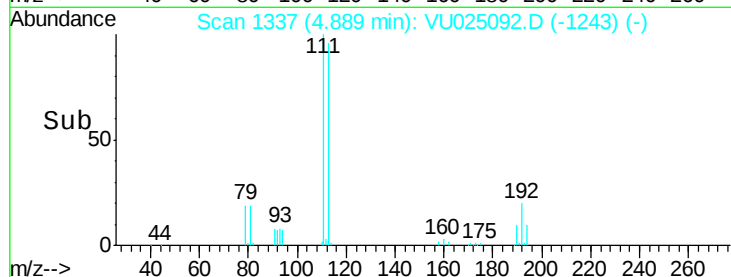
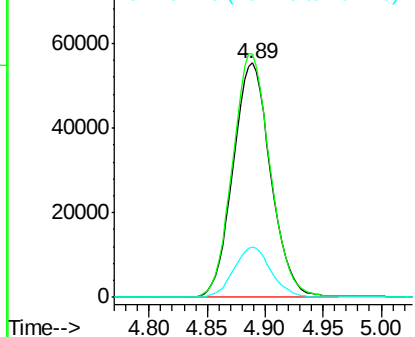
#35
 Dibromofluoromethane
 Concen: 46.78 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025092.D
 Acq: 30 Jun 2018 16:47

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW361-180625

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.2	123.4
192	21.0	16.2	24.4

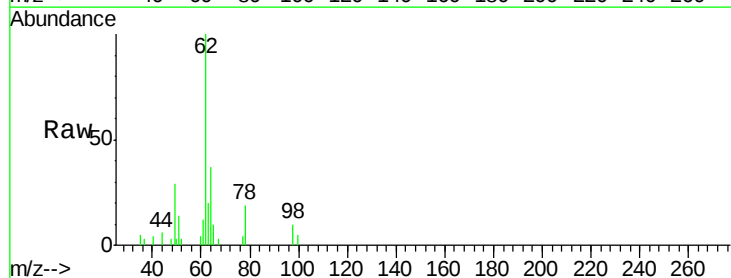


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

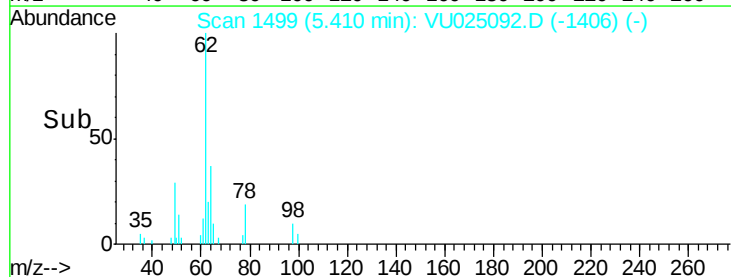
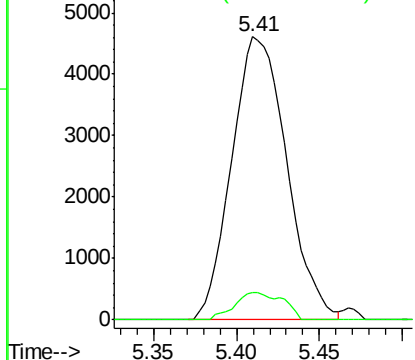


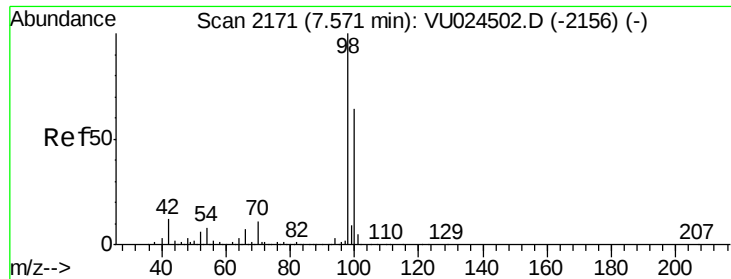
#42
 1,2-Dichloroethane
 Concen: 2.59 ug/l
 RT: 5.41 min Scan# 1499
 Delta R.T. -0.00 min
 Lab File: VU025092.D
 Acq: 30 Jun 2018 16:47

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.6



Abundance Ion 61.90 (61.60 to 62.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0





#50

Toluene-d8

Concen: 47.27 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VU025092.D

Acq: 30 Jun 2018 16:47

Instrument :

MSVOA_U

ClientSampleId :

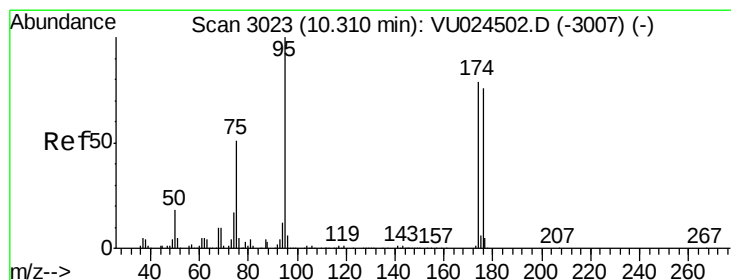
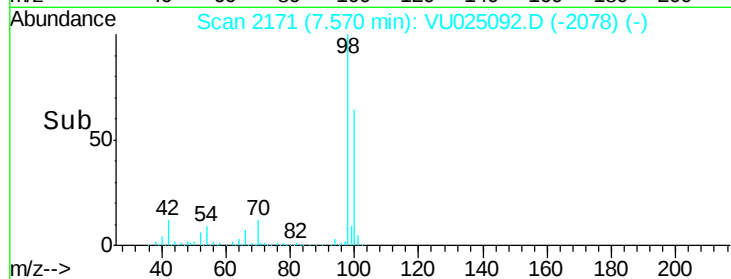
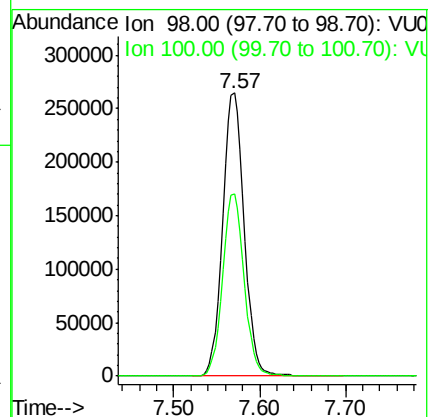
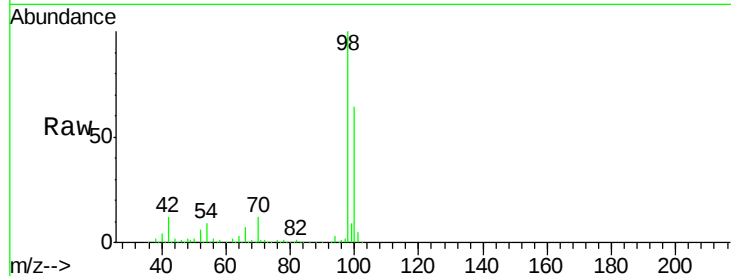
WP021MW361-180625

Tot Ion: 98 Resp: 461682

Ion Ratio Lower Upper

98 100

100 64.1 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 43.79 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025092.D

Acq: 30 Jun 2018 16:47

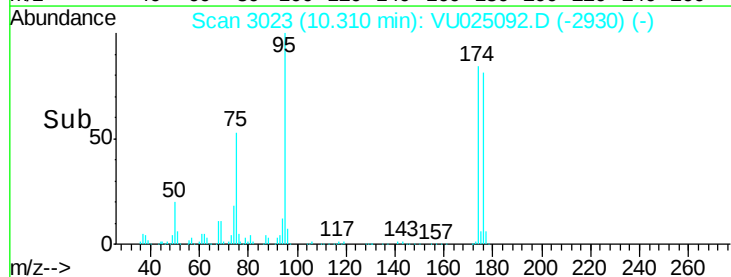
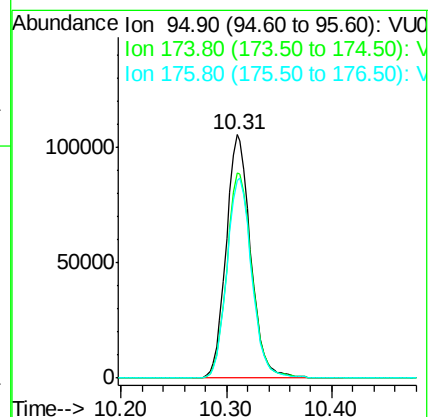
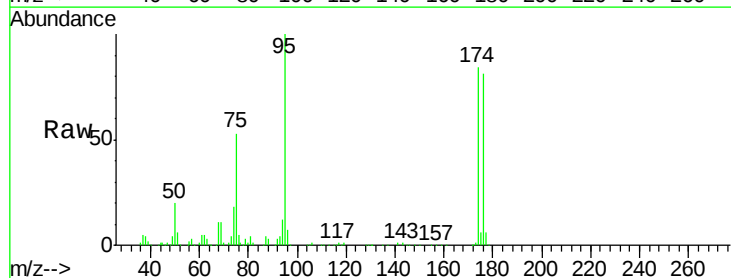
Tgt Ion: 95 Resp: 169801

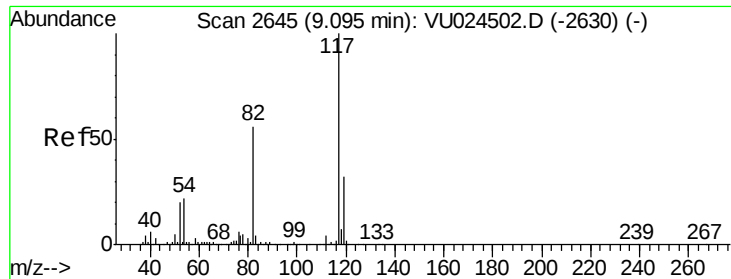
Ion Ratio Lower Upper

95 100

174 86.0 0.0 165.8

176 83.0 0.0 159.4

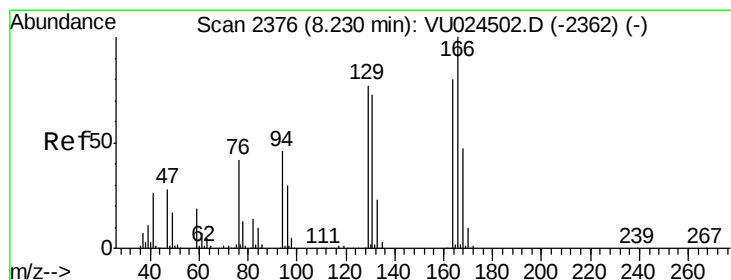
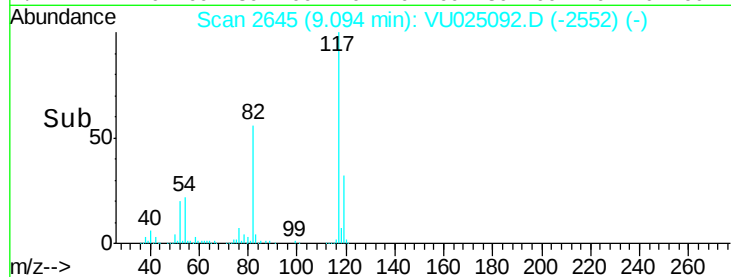
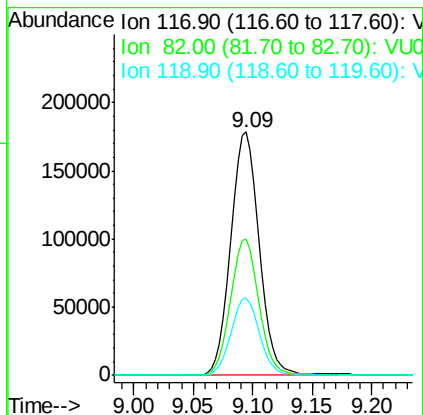
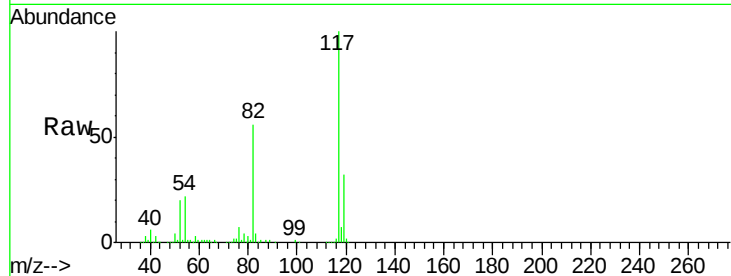




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU025092.D
Acq: 30 Jun 2018 16:47

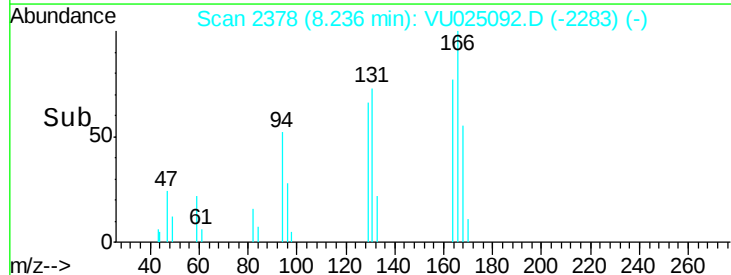
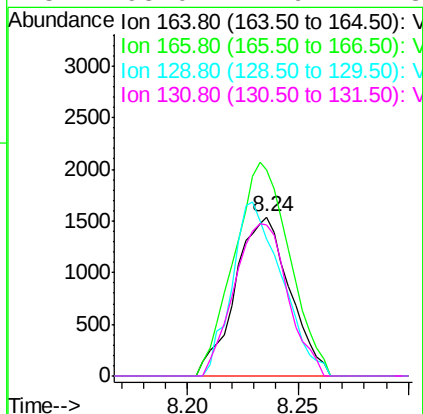
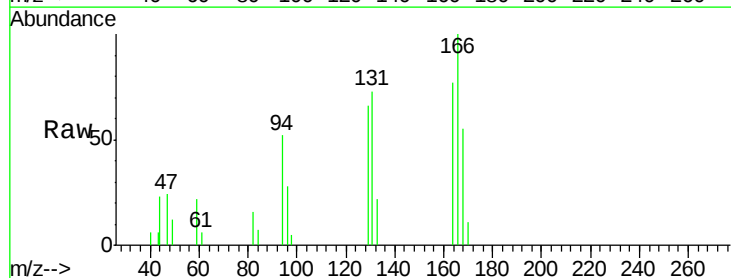
Instrument :
MSVOA_U
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WP021MW361-180625

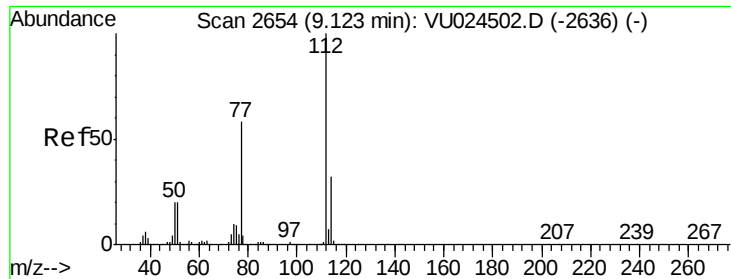
Tot Ion:117 Resp: 296769
Ion Ratio Lower Upper
117 100
82 55.8 44.3 66.5
119 31.7 25.4 38.2



#64
Tetrachloroethene
Concen: 0.94 ug/l
RT: 8.24 min Scan# 2378
Delta R.T. 0.01 min
Lab File: VU025092.D
Acq: 30 Jun 2018 16:47

Tgt Ion:164 Resp: 2638
Ion Ratio Lower Upper
164 100
166 129.4 101.7 152.5
129 85.9 76.9 115.3
131 95.0 74.9 112.3

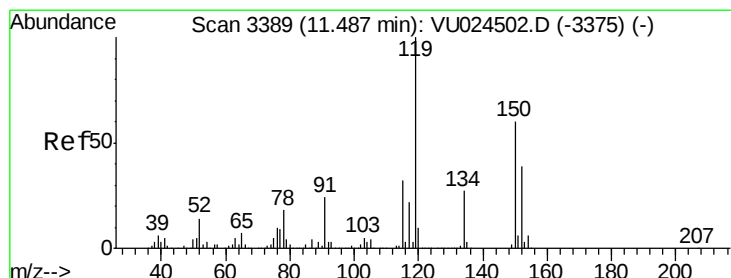
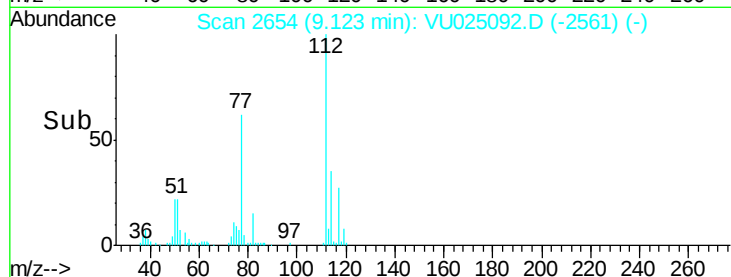
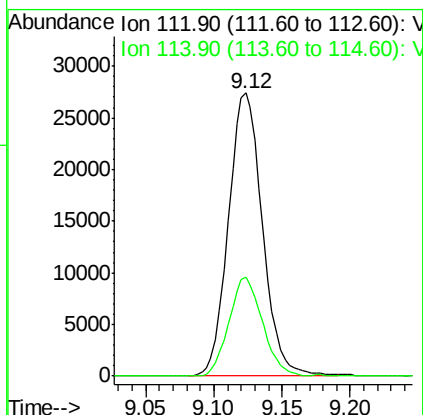
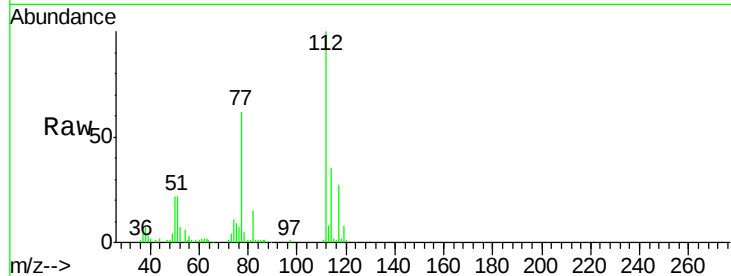




#65
Chlorobenzene
Concen: 6.27 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU025092.D
Acq: 30 Jun 2018 16:47

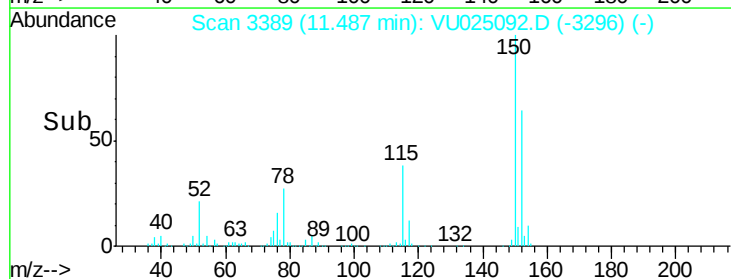
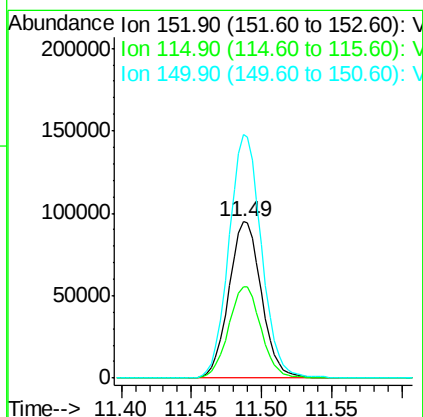
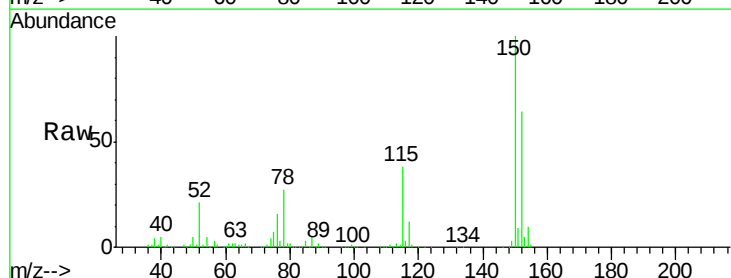
Instrument :
MSVOA_U
ClientSampleId :
WP021MW361-180625

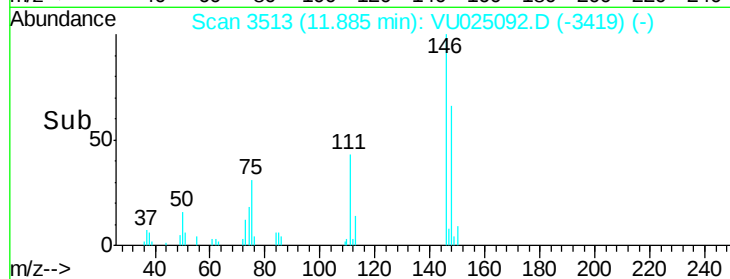
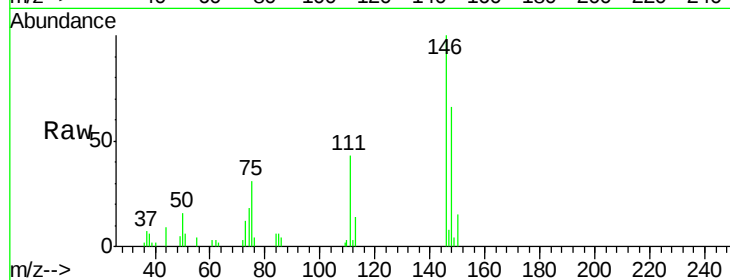
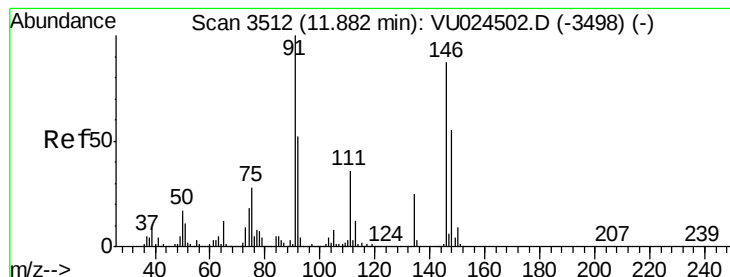
Tot Ion:112 Resp: 47534
Ion Ratio Lower Upper
112 100
114 34.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VU025092.D
Acq: 30 Jun 2018 16:47

Tgt Ion:152 Resp: 153809
Ion Ratio Lower Upper
152 100
115 58.5 43.0 129.0
150 155.4 0.0 354.0





#91

1,2-Dichlorobenzene

Concen: 1.85 ug/l

RT: 11.89 min Scan# 3513

Delta R.T. 0.00 min

Lab File: VU025092.D

Acq: 30 Jun 2018 16:47

Instrument :

MSVOA_U

ClientSampleId :

WP021MW361-180625

Tot Ion:146 Resp: 10219

Ion Ratio Lower Upper

146 100

111 41.7 20.5 61.6

148 67.0 31.9 95.7

