

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU063018\
 Data File : VU025094.D
 Acq On : 30 Jun 2018 17:35
 Operator : MD/SY
 Sample : J3759-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW359-180625

Quant Time: Jul 02 09:43:22 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	214539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	317692	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	297267	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	157776	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	160881	45.93	ug/l	0.00
Spiked Amount			Recovery	=	91.86%	
35) Dibromofluoromethane	4.89	113	125638	47.65	ug/l	0.00
Spiked Amount			Recovery	=	95.30%	
50) Toluene-d8	7.57	98	455696	47.38	ug/l	0.00
Spiked Amount			Recovery	=	94.76%	
62) 4-Bromofluorobenzene	10.31	95	168876	44.23	ug/l	0.00
Spiked Amount			Recovery	=	88.46%	

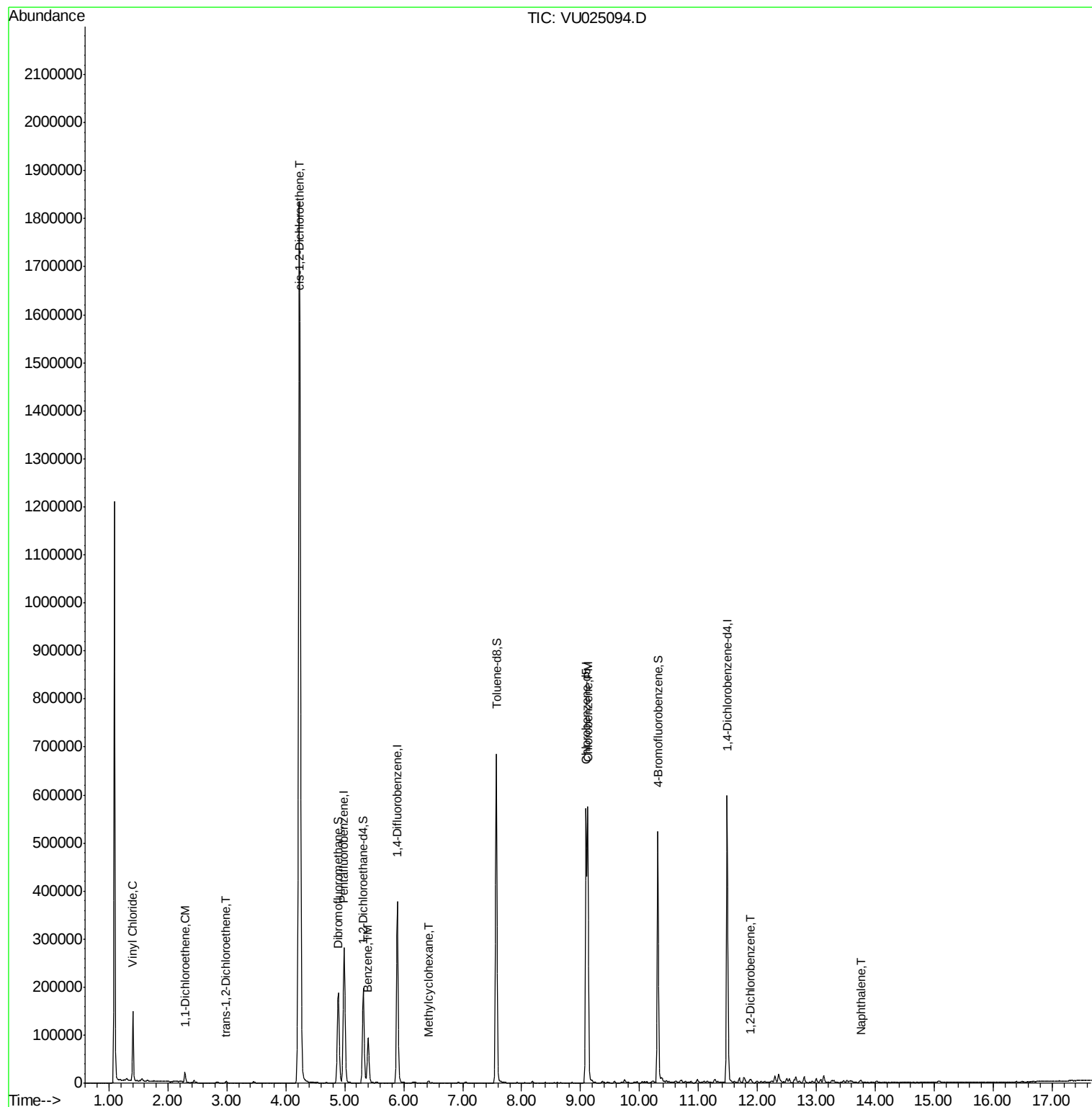
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	91644	32.39	ug/l	100
12) 1,1-Dichloroethene	2.29	96	7059	2.89	ug/l	91
21) trans-1,2-Dichloroethene	2.99	96	1409	0.52	ug/l	85
27) cis-1,2-Dichloroethene	4.23	96	1026899	331.98	ug/l	88
39) Methylcyclohexane	6.42	83	1563	0.34	ug/l #	83
40) Benzene	5.39	78	89801	8.44	ug/l	99
65) Chlorobenzene	9.12	112	292370	38.50	ug/l	99
91) 1,2-Dichlorobenzene	11.89	146	2293	0.40	ug/l	88
95) Naphthalene	13.75	128	5933	1.18	ug/l #	92

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

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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: VU025094.D

Acq: 30 Jun 2018 17:35

Instrument :

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ClientSampleId :

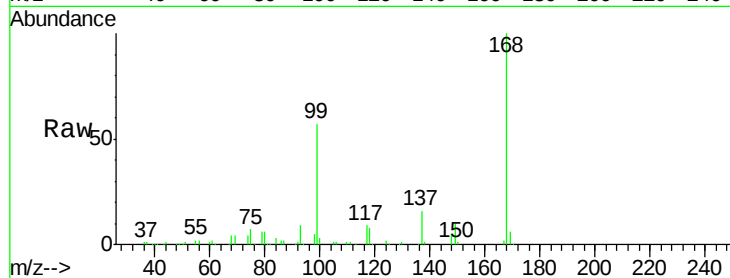
WP021MW359-180625

Tot Ion:168 Resp: 214539

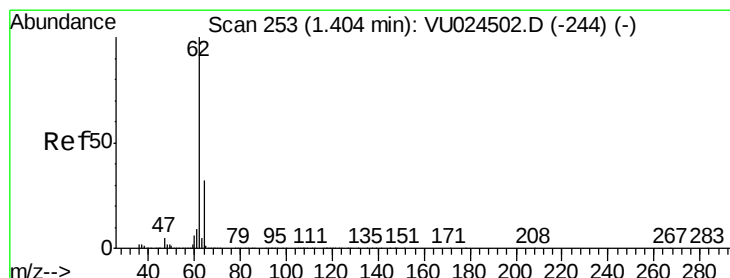
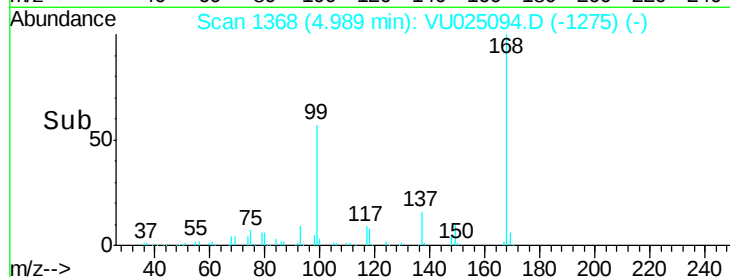
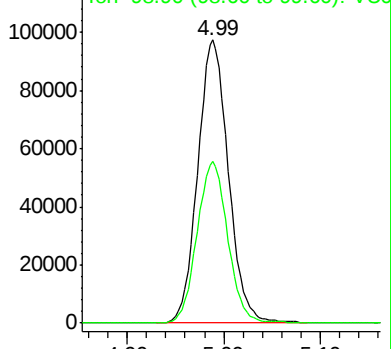
Ion Ratio Lower Upper

168 100

99 57.4 43.2 64.8



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



#4

Vinyl Chloride

Concen: 32.39 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025094.D

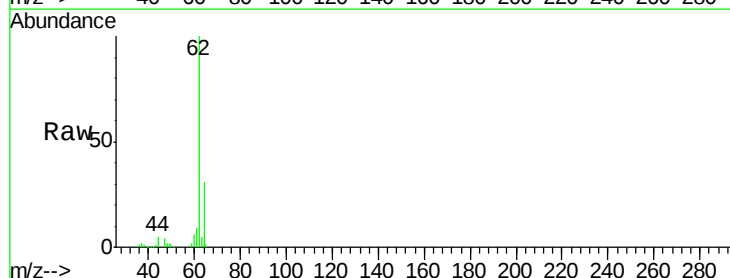
Acq: 30 Jun 2018 17:35

Tgt Ion: 62 Resp: 91644

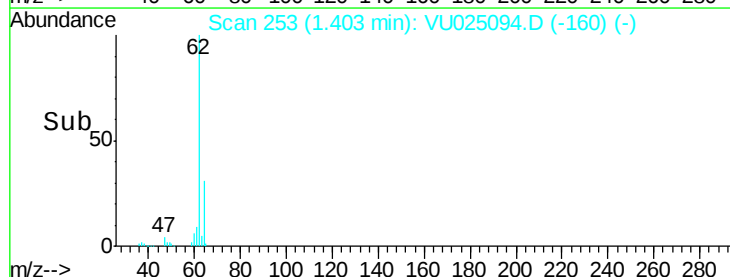
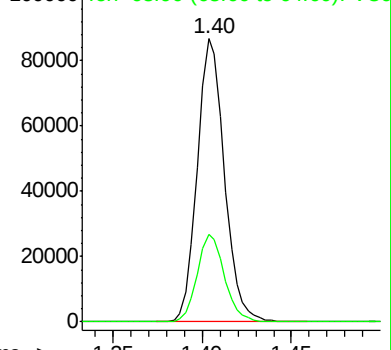
Ion Ratio Lower Upper

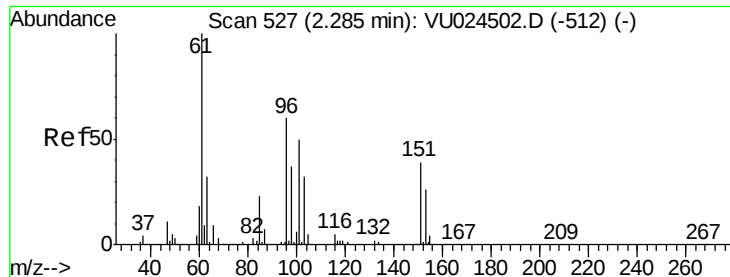
62 100

64 30.8 24.8 37.2



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

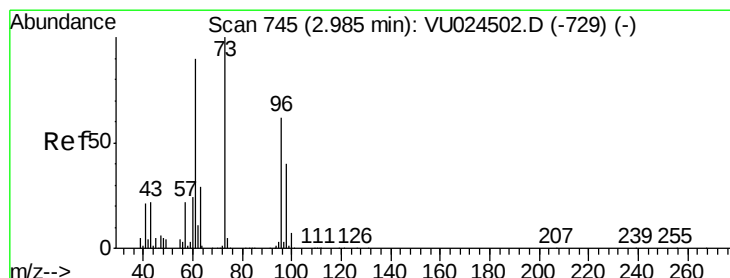
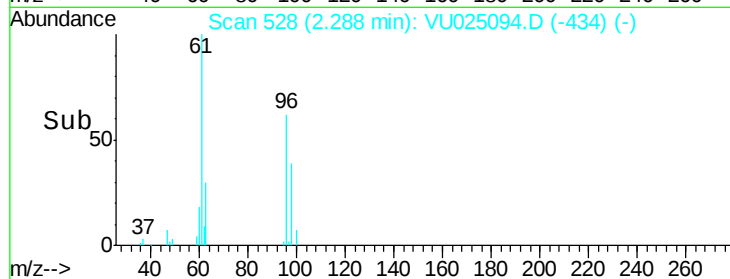
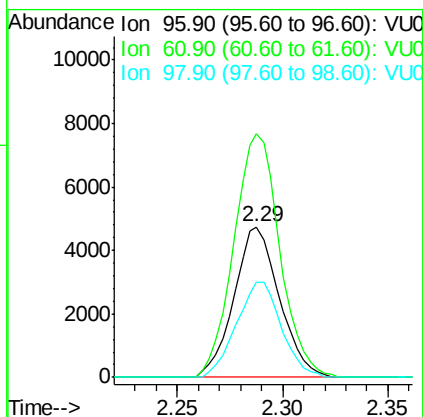
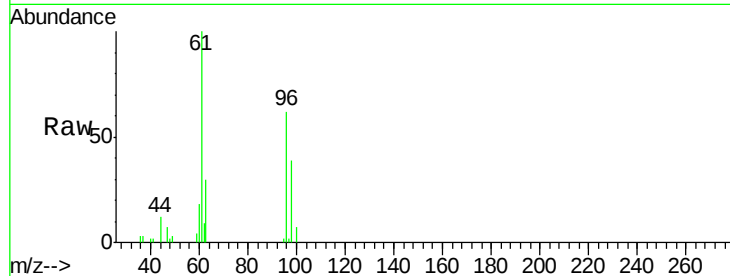




#12
 1,1-Dichloroethene
 Concen: 2.89 ug/l
 RT: 2.29 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VU025094.D
 Acq: 30 Jun 2018 17:35

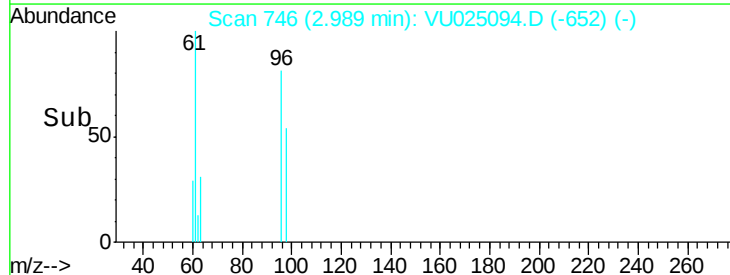
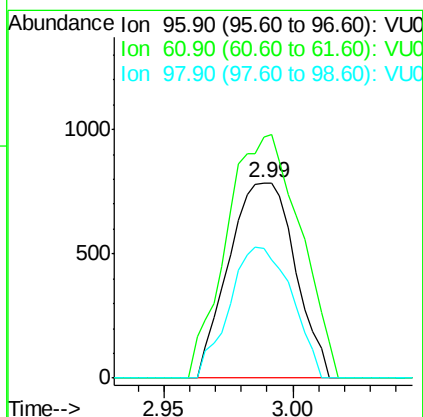
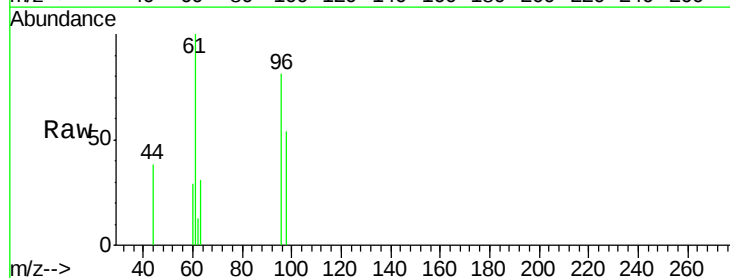
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW359-180625

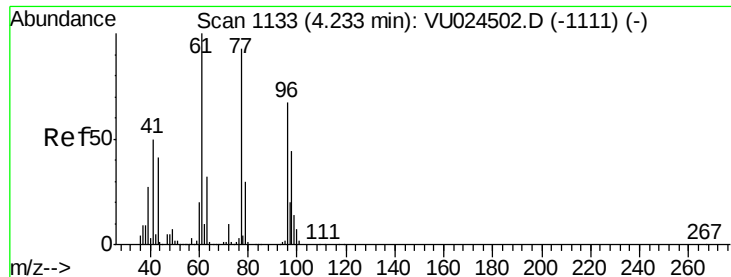
Tot Ion	Ratio	Lower	Upper
96	100		
61	161.7	141.7	212.5
98	63.1	51.6	77.4



#21
 trans-1,2-Dichloroethene
 Concen: 0.52 ug/l
 RT: 2.99 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: VU025094.D
 Acq: 30 Jun 2018 17:35

Tgt Ion	Ratio	Lower	Upper
96	100		
61	123.0	119.4	179.0
98	66.1	51.1	76.7

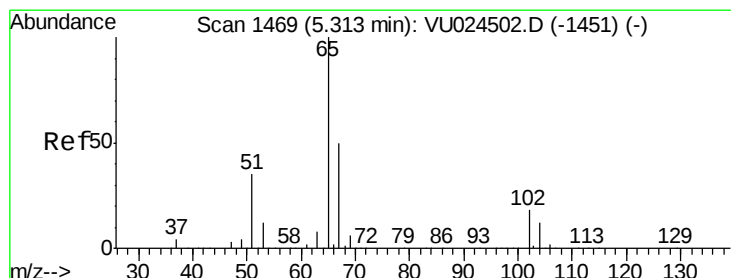
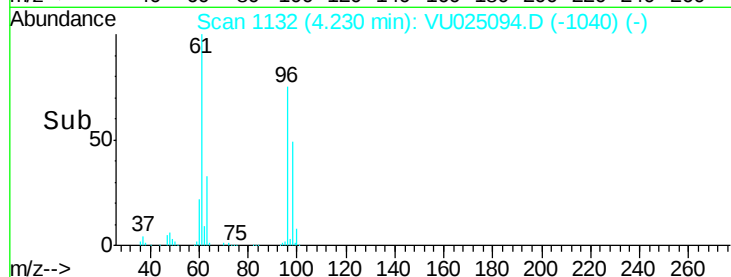
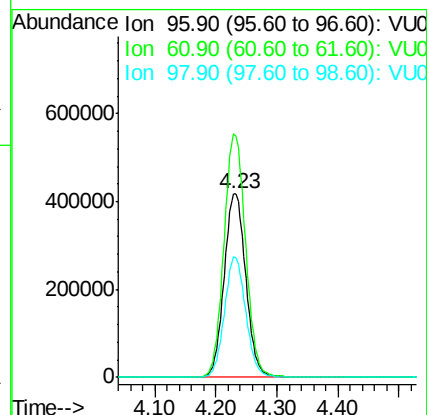
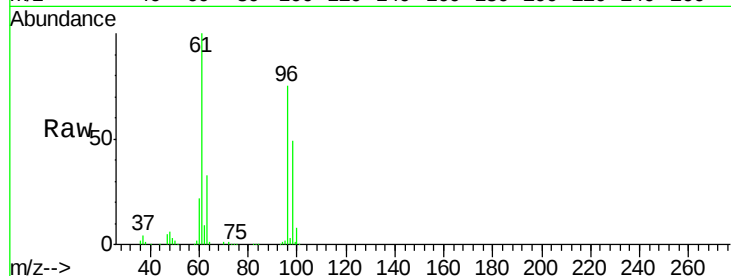




#27
 cis-1,2-Dichloroethene
 Concen: 331.98 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU025094.D
 Acq: 30 Jun 2018 17:35

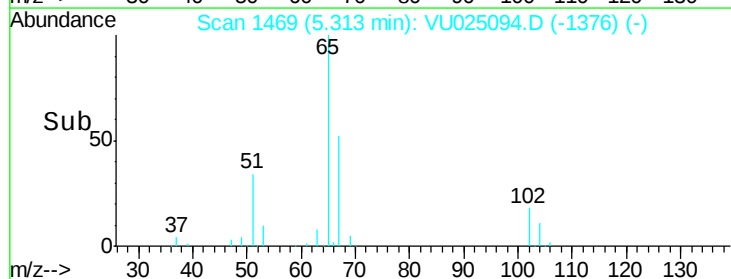
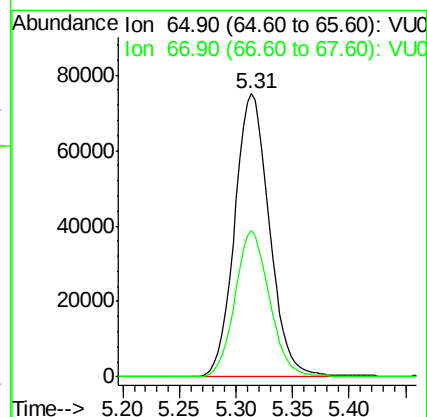
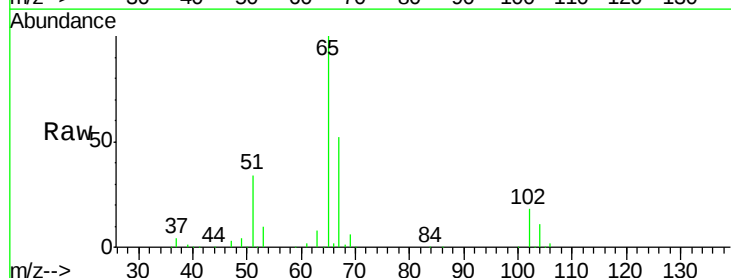
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW359-180625

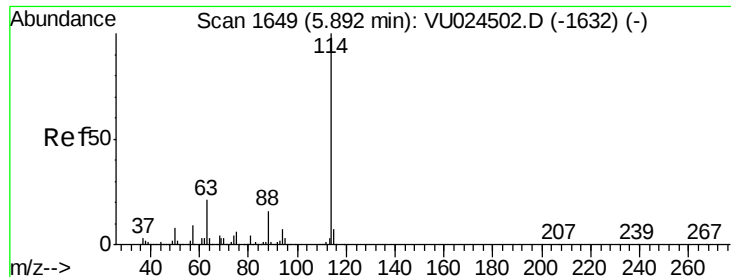
Tot Ion: 96 Resp: 1026899
 Ion Ratio Lower Upper
 96 100
 61 132.2 0.0 306.6
 98 64.4 0.0 128.8



#33
 1,2-Dichloroethane-d4
 Concen: 45.93 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU025094.D
 Acq: 30 Jun 2018 17:35

Tgt Ion: 65 Resp: 160881
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU025094.D

Acq: 30 Jun 2018 17:35

Instrument :

MSVOA_U

ClientSampleId :

WP021MW359-180625

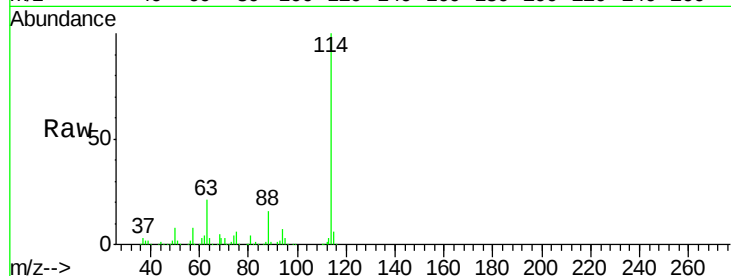
Tot Ion:114 Resp: 317692

Ion Ratio Lower Upper

114 100

63 21.1 0.0 45.4

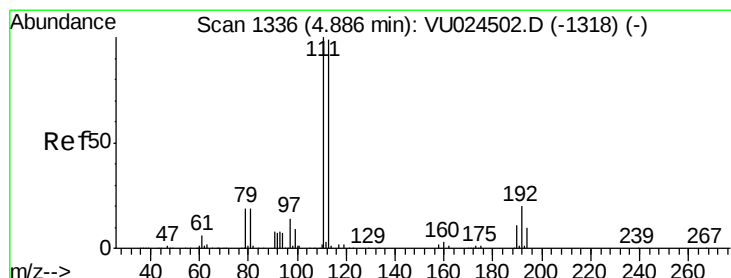
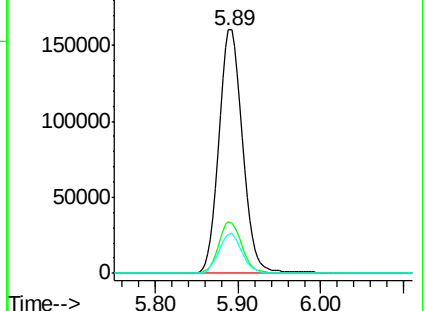
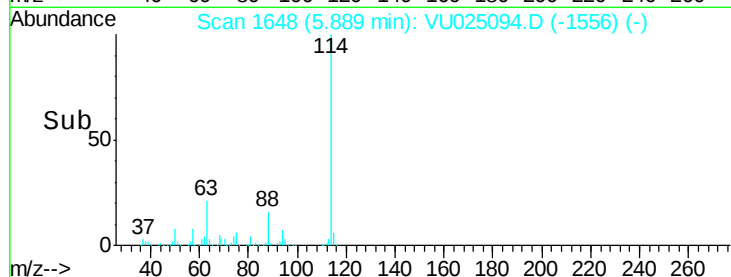
88 16.2 0.0 31.0



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: 47.65 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025094.D

Acq: 30 Jun 2018 17:35

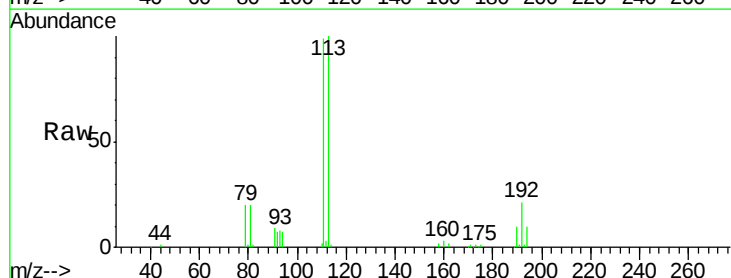
Tgt Ion:113 Resp: 125638

Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.4

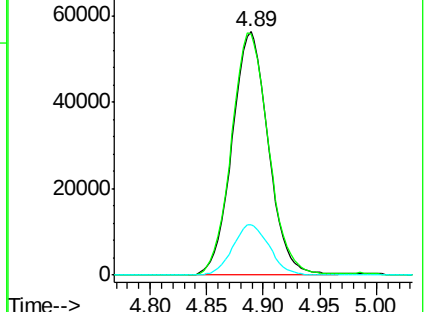
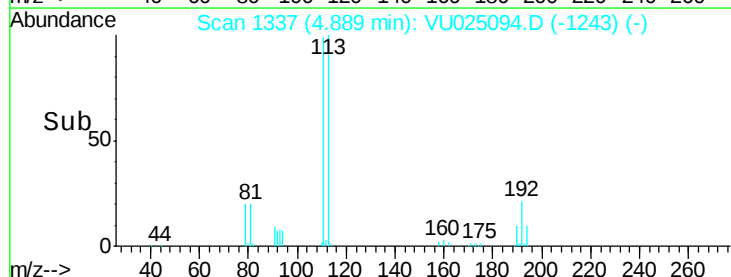
192 20.8 16.2 24.4

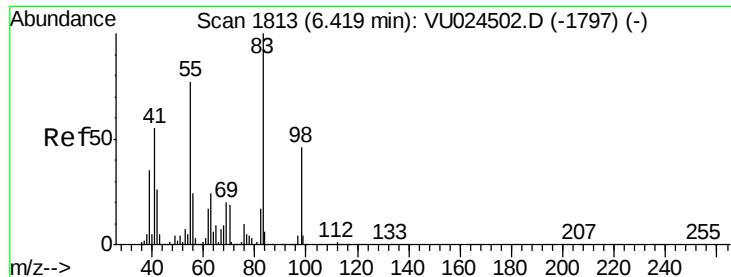


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

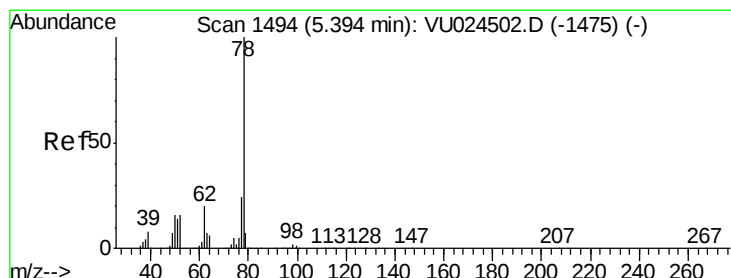
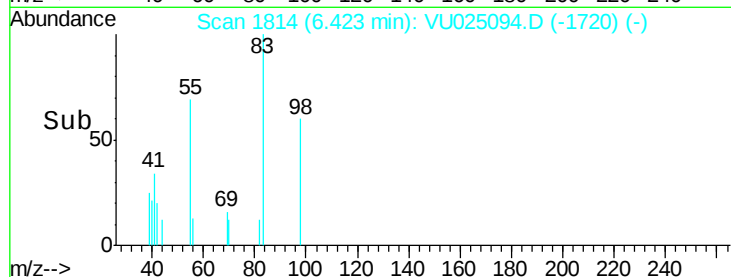
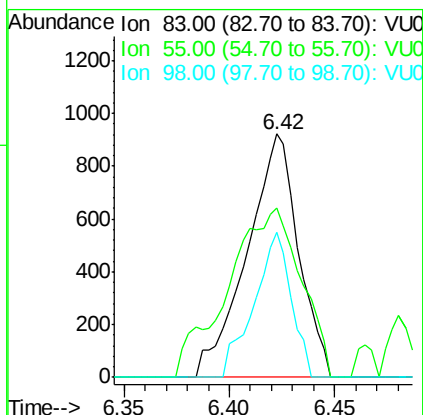
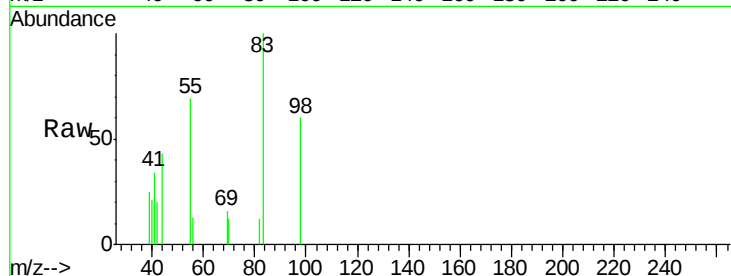




#39
Methvlcvclohexane
Concen: 0.34 ug/l
RT: 6.42 min Scan# 1814
Delta R.T. 0.00 min
Lab File: VU025094.D
Acq: 30 Jun 2018 17:35

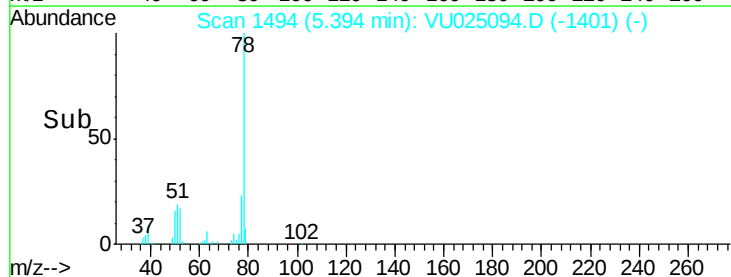
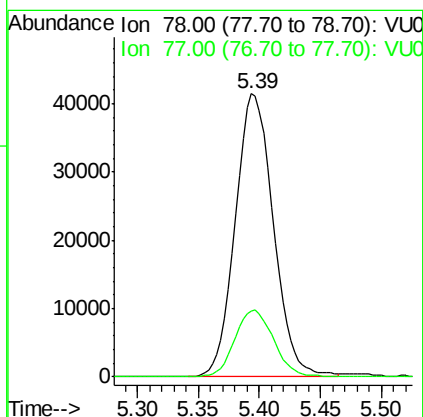
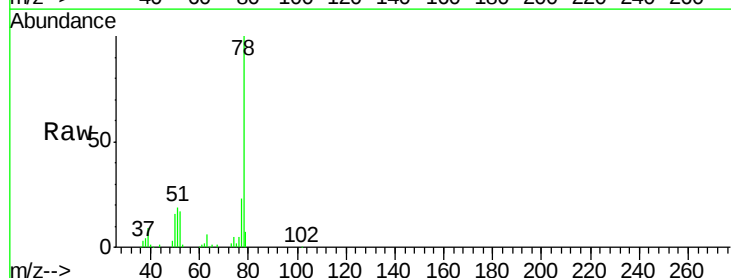
Instrument :
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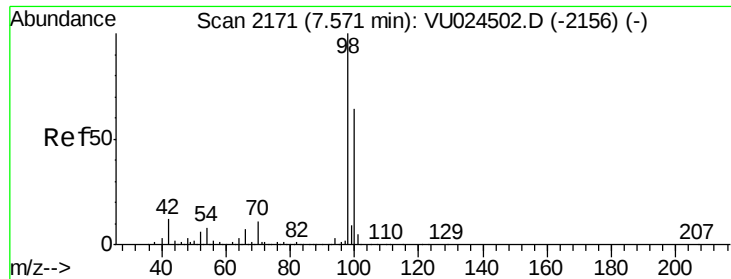
Tot Ion: 83 Resp: 1563
Ion Ratio Lower Upper
83 100
55 69.3 65.8 98.6
98 59.6 36.7 55.1#



#40
Benzene
Concen: 8.44 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU025094.D
Acq: 30 Jun 2018 17:35

Tgt Ion: 78 Resp: 89801
Ion Ratio Lower Upper
78 100
77 23.4 19.2 28.8

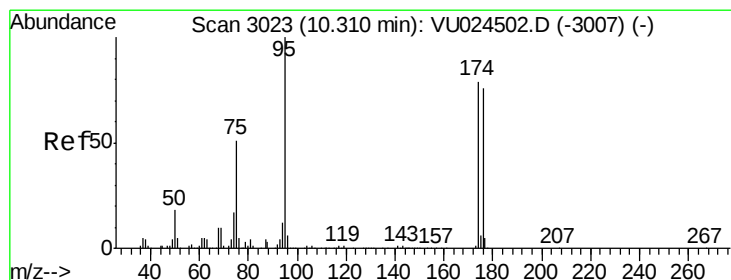
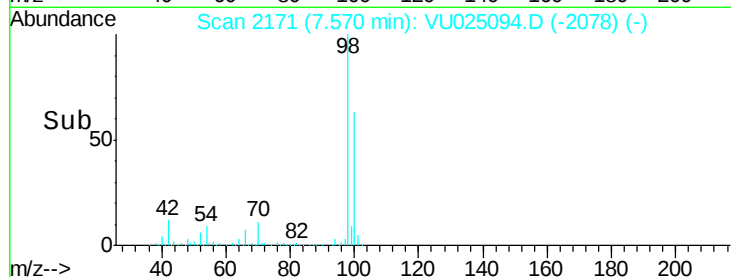
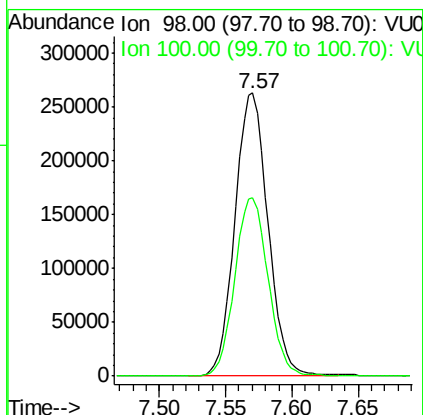
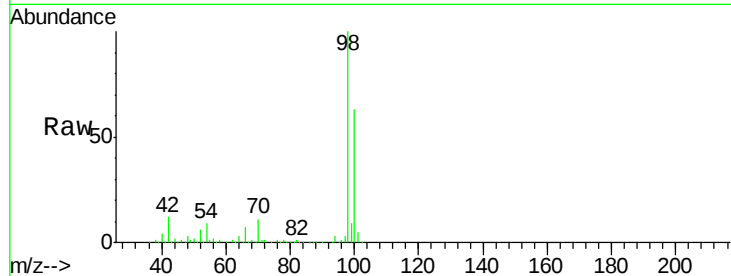




#50
Toluene-d8
Concen: 47.38 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VU025094.D
Acq: 30 Jun 2018 17:35

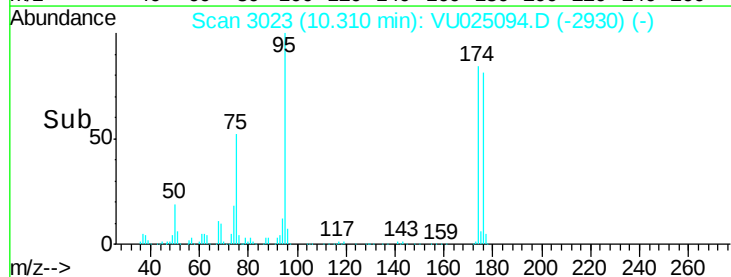
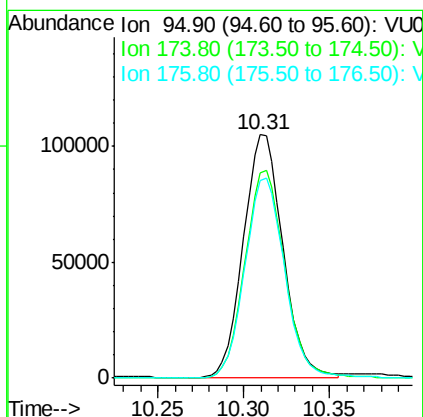
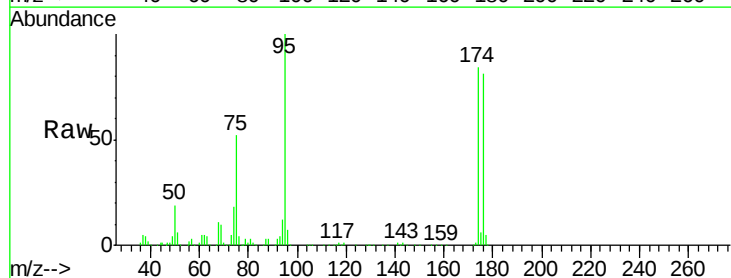
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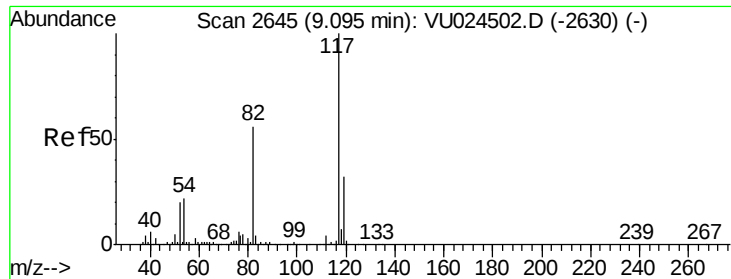
Tot Ion: 98 Resp: 455696
Ion Ratio Lower Upper
98 100
100 63.9 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 44.23 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU025094.D
Acq: 30 Jun 2018 17:35

Tgt Ion: 95 Resp: 168876
Ion Ratio Lower Upper
95 100
174 85.8 0.0 165.8
176 82.7 0.0 159.4

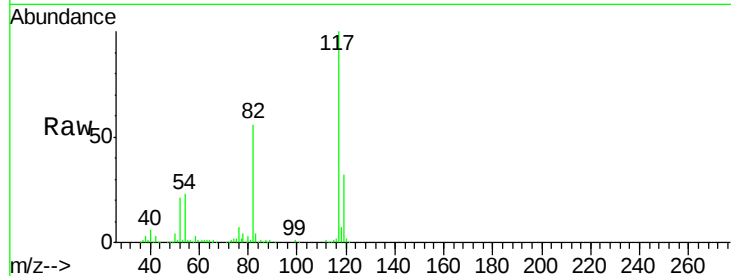




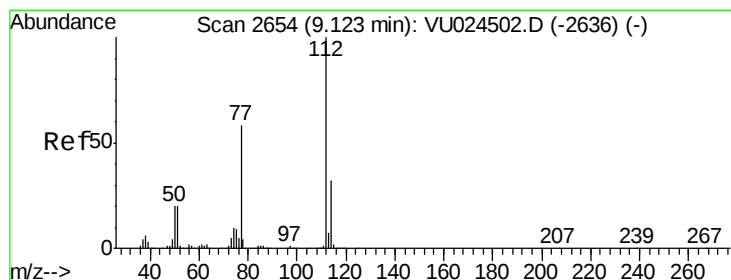
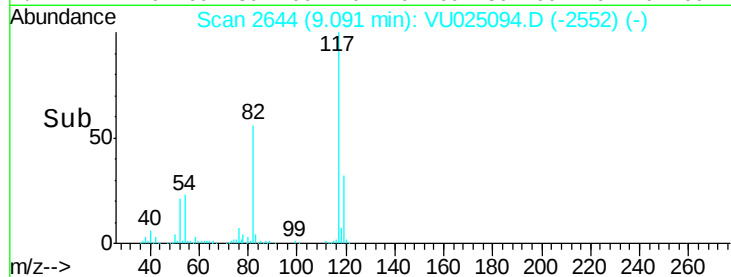
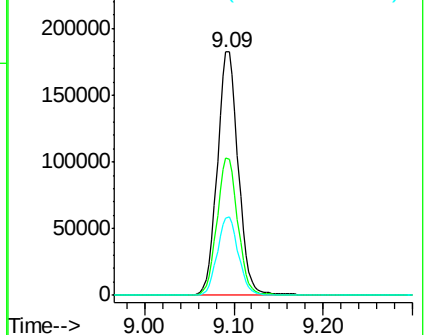
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU025094.D
Acq: 30 Jun 2018 17:35

Instrument :
MSVOA_U
ClientSampleId :
WP021MW359-180625

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	44.3	66.5
119	31.9	25.4	38.2

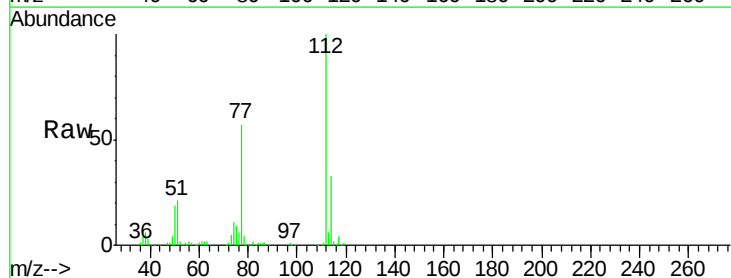


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

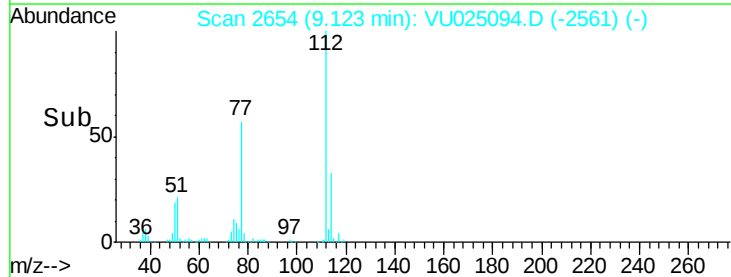
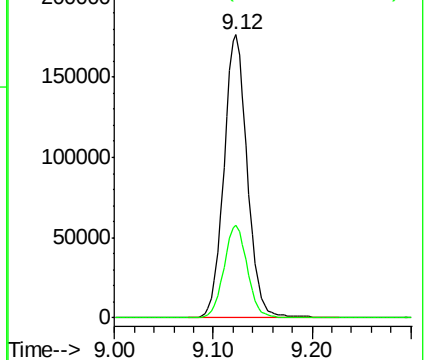


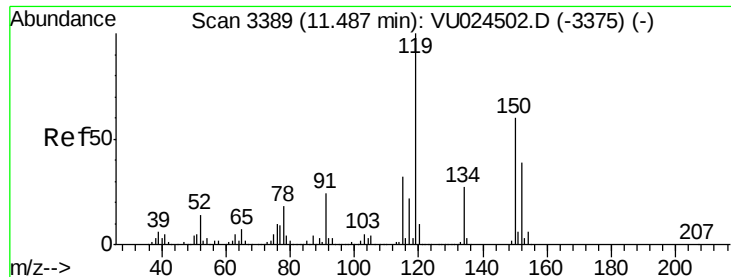
#65
Chlorobenzene
Concen: 38.50 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU025094.D
Acq: 30 Jun 2018 17:35

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.6	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: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU025094.D

Acq: 30 Jun 2018 17:35

Instrument :

MSVOA_U

ClientSampleId :

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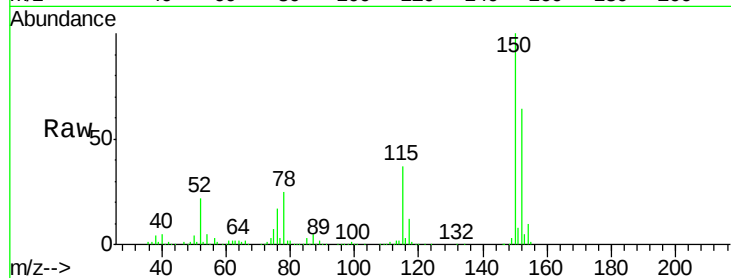
Tot Ion:152 Resp: 157776

Ion Ratio Lower Upper

152 100

115 57.9 43.0 129.0

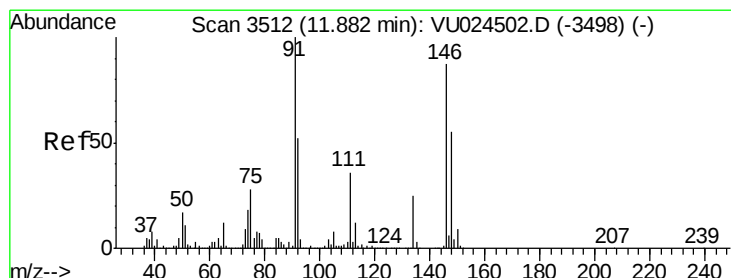
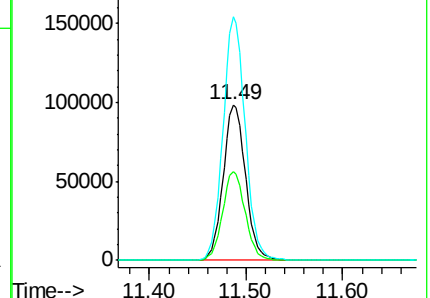
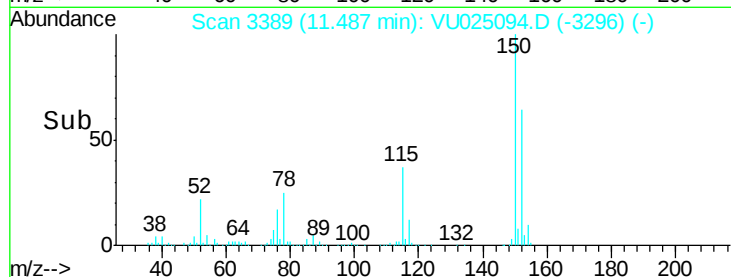
150 155.8 0.0 354.0



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



#91

1,2-Dichlorobenzene

Concen: 0.40 ug/l

RT: 11.89 min Scan# 3513

Delta R.T. 0.00 min

Lab File: VU025094.D

Acq: 30 Jun 2018 17:35

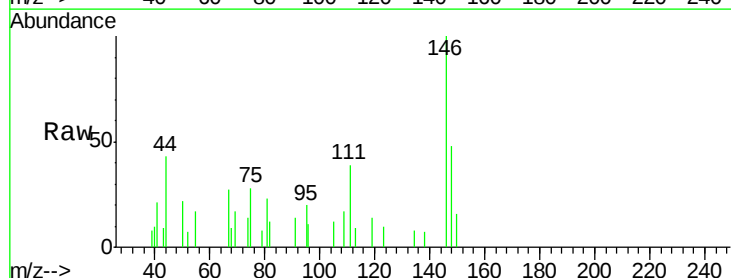
Tgt Ion:146 Resp: 2293

Ion Ratio Lower Upper

146 100

111 35.7 20.5 61.6

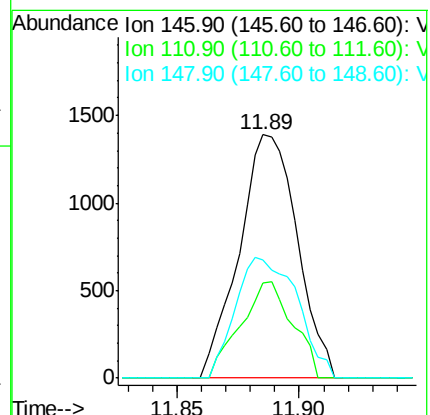
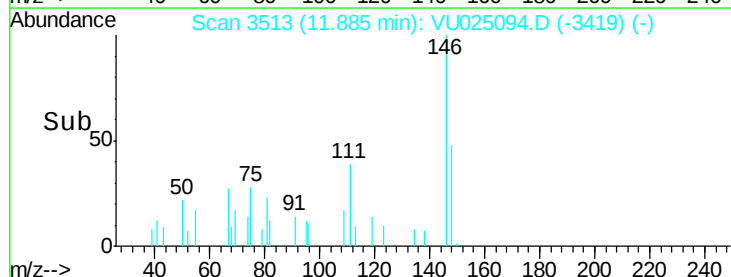
148 52.7 31.9 95.7

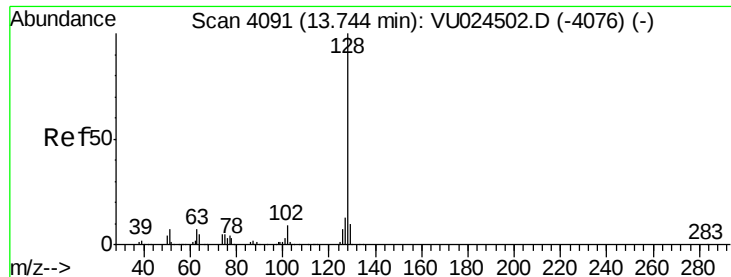


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#95
Naphthalene
Concen: 1.18 ug/l
RT: 13.75 min Scan# 4094
Delta R.T. 0.01 min
Lab File: VU025094.D
Acq: 30 Jun 2018 17:35

Instrument :
MSVOA_U
ClientSampleId :
WP021MW359-180625

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.3	10.6	16.0
129	6.4	8.6	12.8#

