

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062718\
 Data File : VU024995.D
 Acq On : 28 Jun 2018 03:22
 Operator : MD/SY
 Sample : J3670-16ME 10X
 Misc : 6.00µ/5mL/100uL/5.00ML/MSVOA_U/MEOH
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB477-29-31-180621ME

Quant Time: Jun 28 06:59:08 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	212420	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	324236	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	299786	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	164732	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	161616	46.60	ug/l	0.00
Spiked Amount			Recovery	=	93.20%	
35) Dibromofluoromethane	4.89	113	126415	46.98	ug/l	0.00
Spiked Amount			Recovery	=	93.96%	
50) Toluene-d8	7.57	98	467455	47.62	ug/l	0.00
Spiked Amount			Recovery	=	95.24%	
62) 4-Bromofluorobenzene	10.31	95	177710	45.60	ug/l	0.00
Spiked Amount			Recovery	=	91.20%	

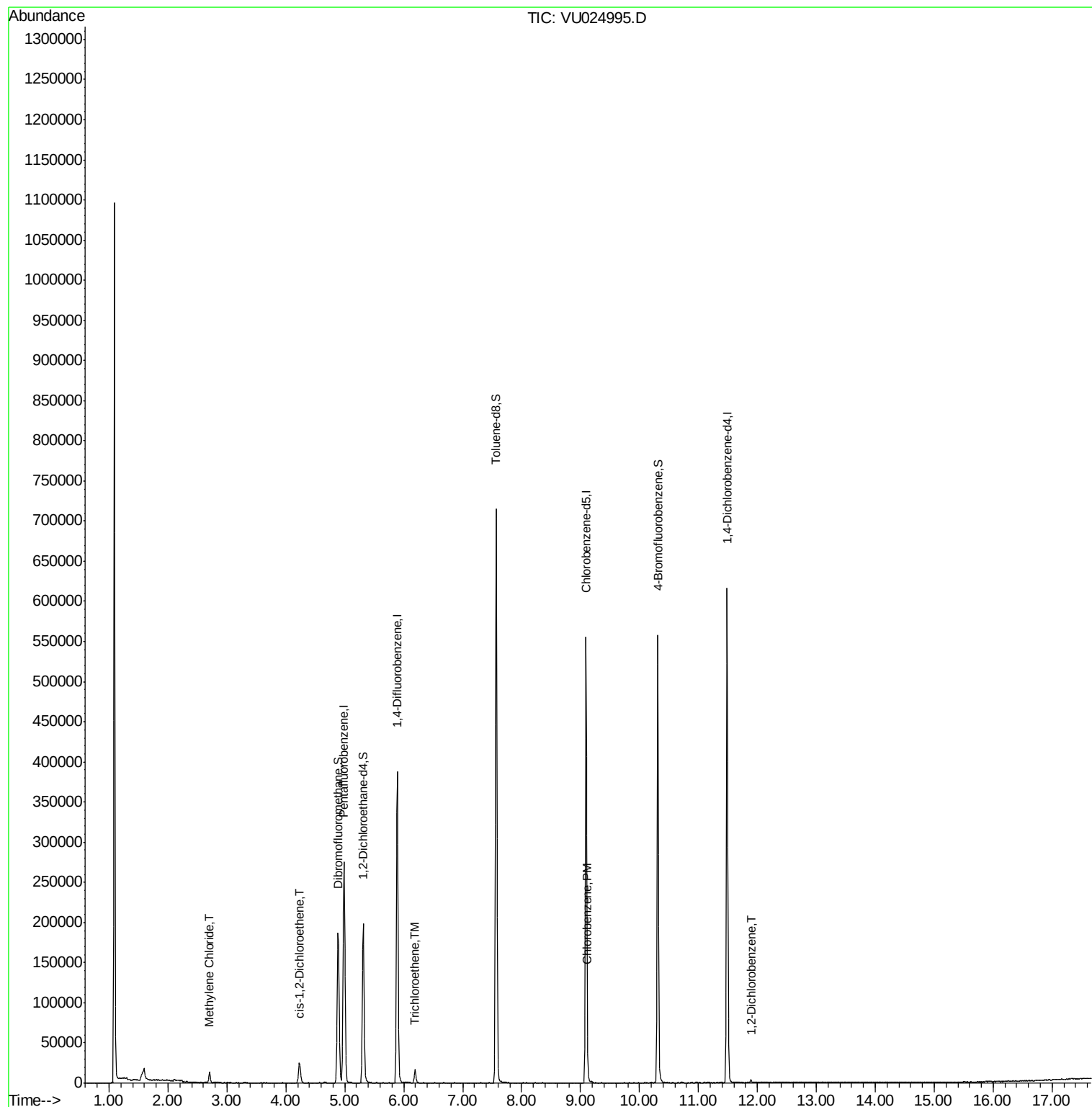
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	2.71	84	5693	1.95	ug/l	93
27) cis-1,2-Dichloroethene	4.23	96	14537	4.75	ug/l	88
44) Trichloroethene	6.19	130	5710	1.85	ug/l	87
65) Chlorobenzene	9.12	112	2814	0.37	ug/l	99
91) 1,2-Dichlorobenzene	11.89	146	1411	0.24	ug/l	91

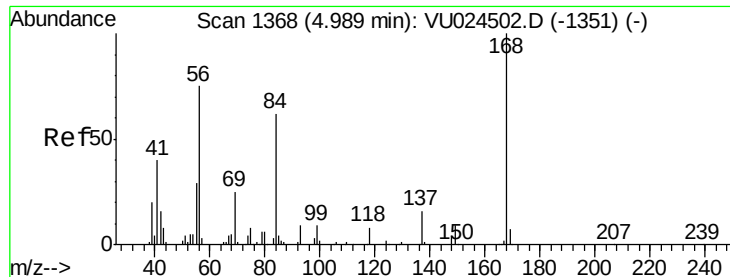
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU024995.D

Acq: 28 Jun 2018 03:22

Instrument :

MSVOA_U

ClientSampleId :

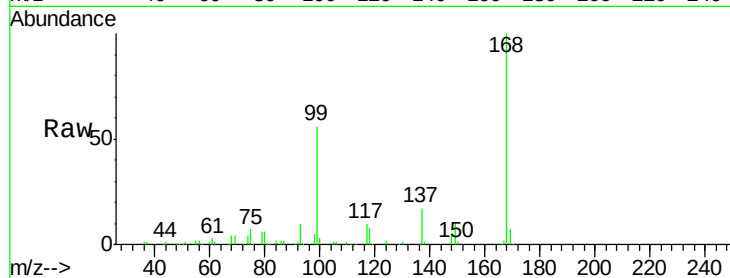
WP021SB477-29-31-180621ME

Tot Ion:168 Resp: 212420

Ion Ratio Lower Upper

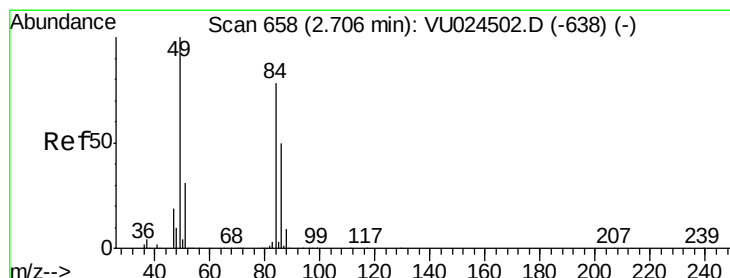
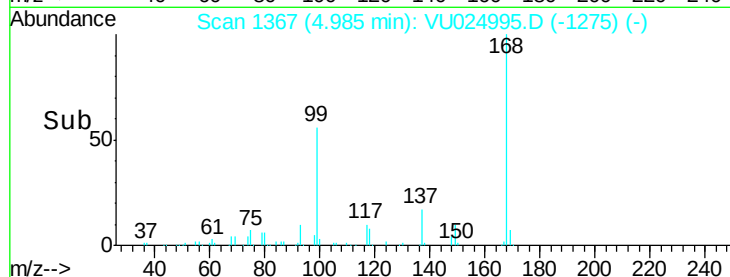
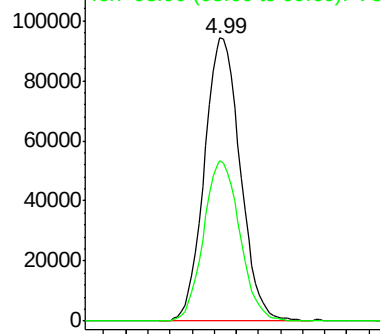
168 100

99 56.5 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#20

Methylene Chloride

Concen: 1.95 ug/l

RT: 2.71 min Scan# 658

Delta R.T. 0.00 min

Lab File: VU024995.D

Acq: 28 Jun 2018 03:22

Tgt Ion: 84 Resp: 5693

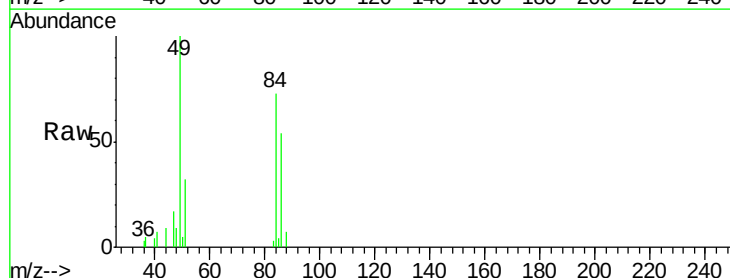
Ion Ratio Lower Upper

84 100

49 136.2 103.8 155.8

51 43.0 32.0 48.0

86 73.1 51.6 77.4

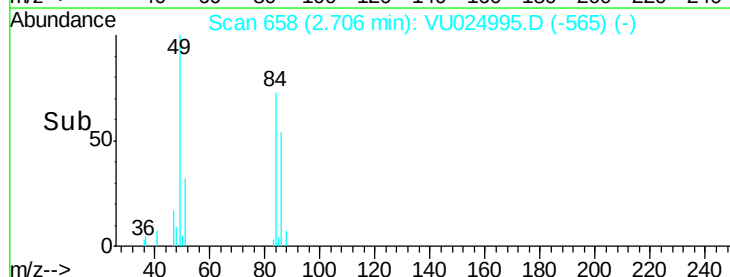
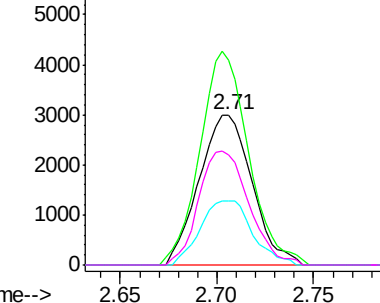


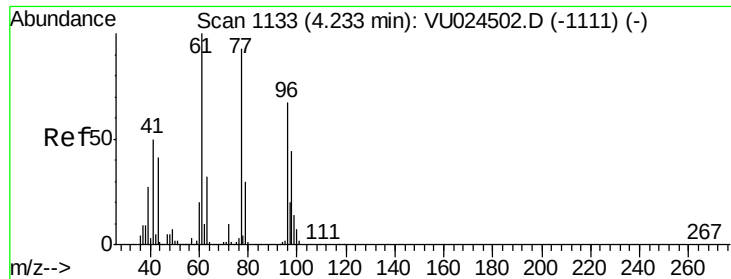
Abundance Ion 83.90 (83.60 to 84.60): VU0

Ion 48.90 (48.60 to 49.60): VU0

Ion 50.90 (50.60 to 51.60): VU0

Ion 85.90 (85.60 to 86.60): VU0





#27

cis-1,2-Dichloroethene

Concen: 4.75 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024995.D

Acq: 28 Jun 2018 03:22

Instrument :

MSVOA_U

ClientSampleId :

WP021SB477-29-31-180621ME

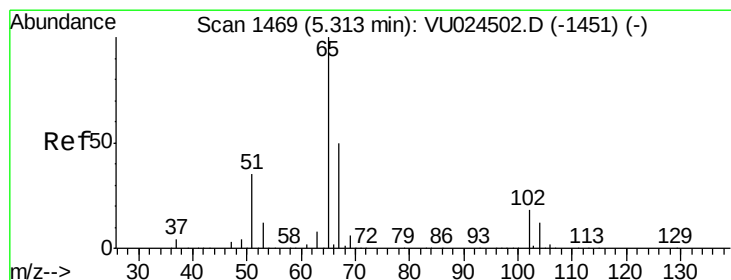
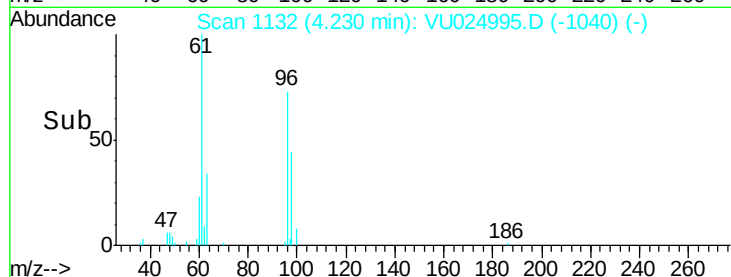
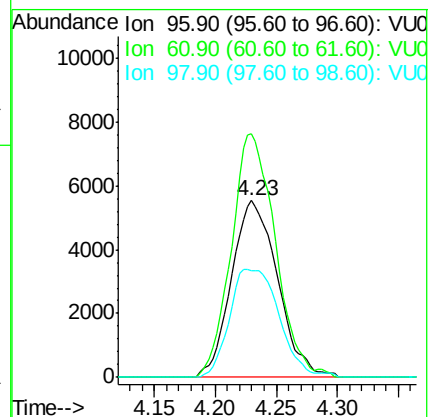
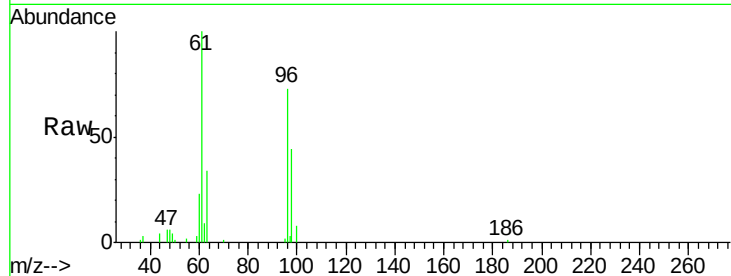
Tot Ion: 96 Resp: 14537

Ion Ratio Lower Upper

96 100

61 131.6 0.0 306.6

98 65.1 0.0 128.8



#33

1,2-Dichloroethane-d4

Concen: 46.60 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU024995.D

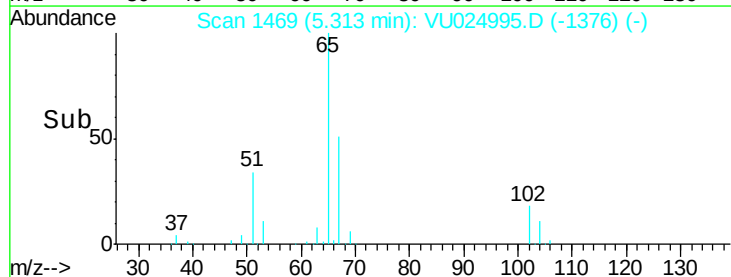
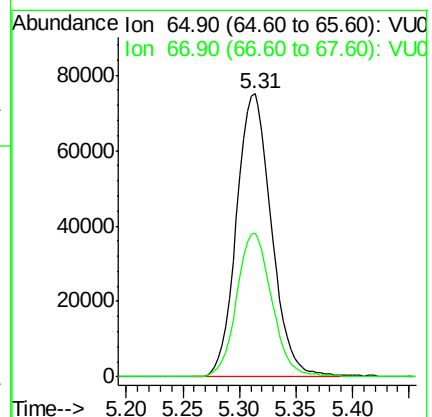
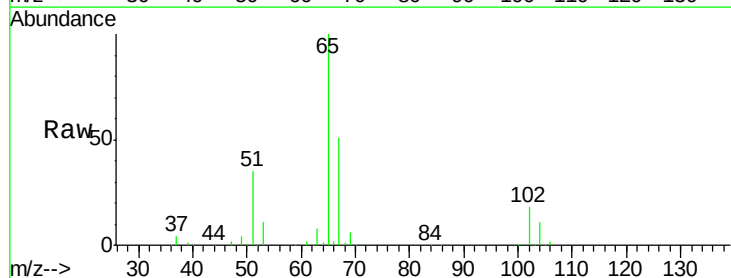
Acq: 28 Jun 2018 03:22

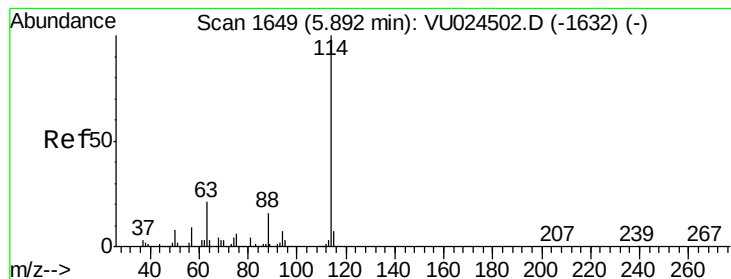
Tgt Ion: 65 Resp: 161616

Ion Ratio Lower Upper

65 100

67 50.8 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: VU024995.D

Acq: 28 Jun 2018 03:22

Instrument :

MSVOA_U

ClientSampleId :

WP021SB477-29-31-180621ME

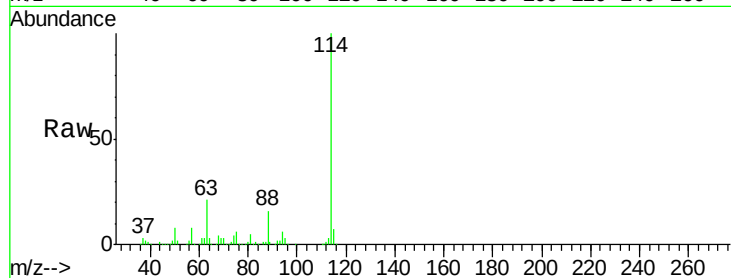
Tot Ion:114 Resp: 324236

Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.4

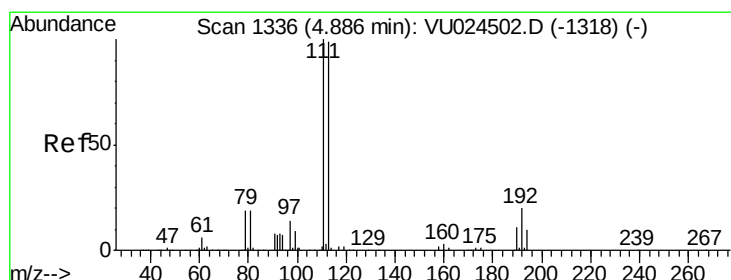
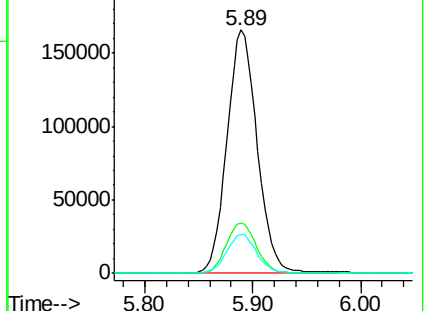
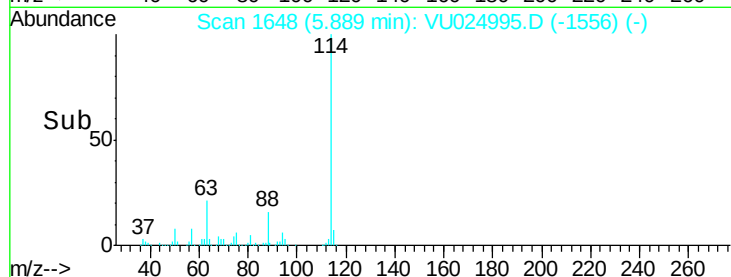
88 16.2 0.0 31.0



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: 46.98 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU024995.D

Acq: 28 Jun 2018 03:22

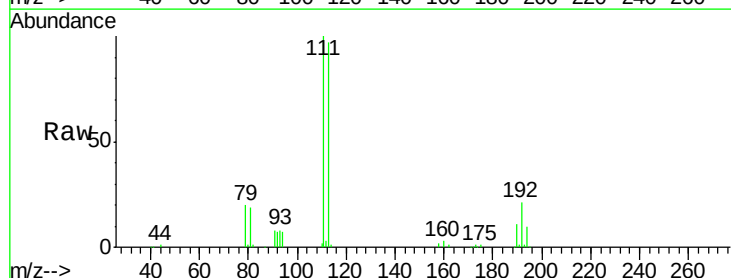
Tgt Ion:113 Resp: 126415

Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.4

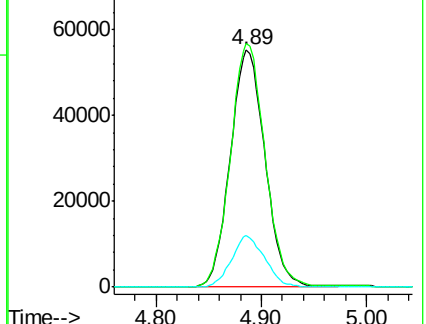
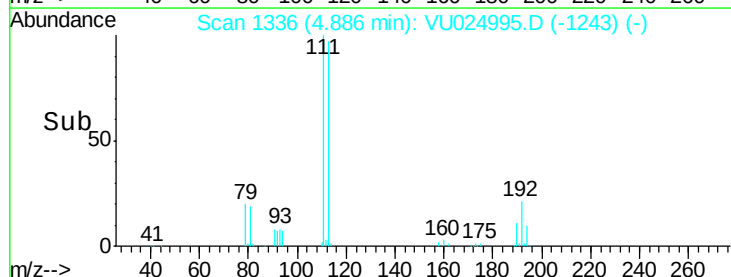
192 20.7 16.2 24.4

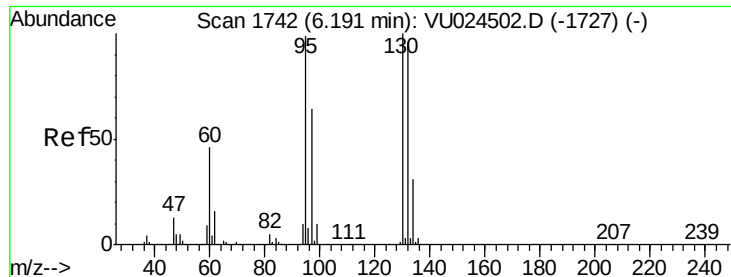


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 1.85 ug/l

RT: 6.19 min Scan# 1743

Delta R.T. 0.00 min

Lab File: VU024995.D

Acq: 28 Jun 2018 03:22

Instrument :

MSVOA_U

ClientSampleId :

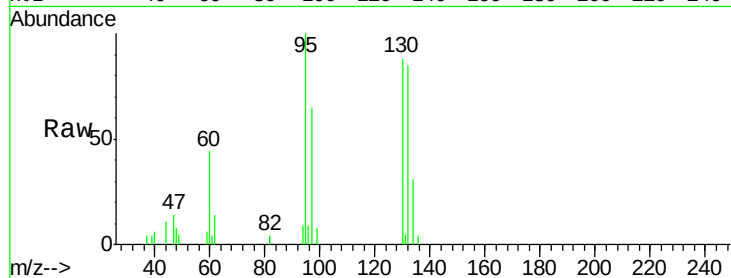
WP021SB477-29-31-180621ME

Tot Ion:130 Resp: 5710

Ion Ratio Lower Upper

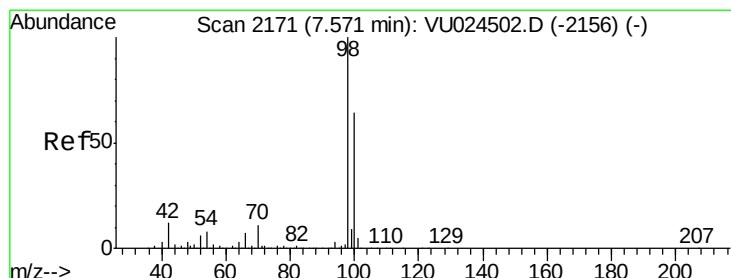
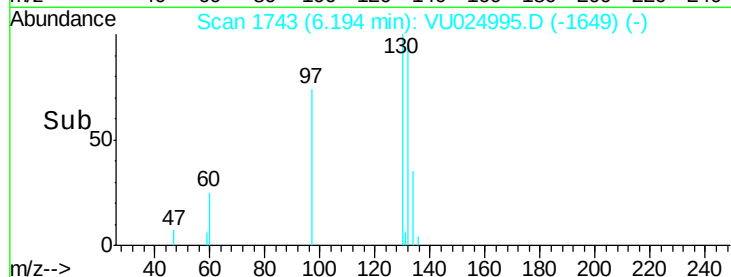
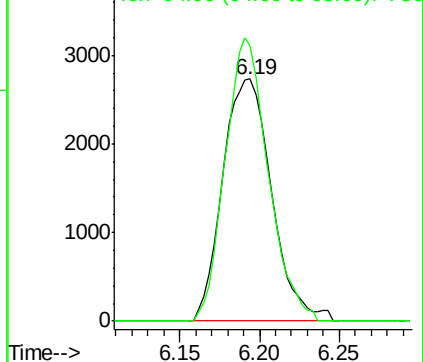
130 100

95 113.8 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: 47.62 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024995.D

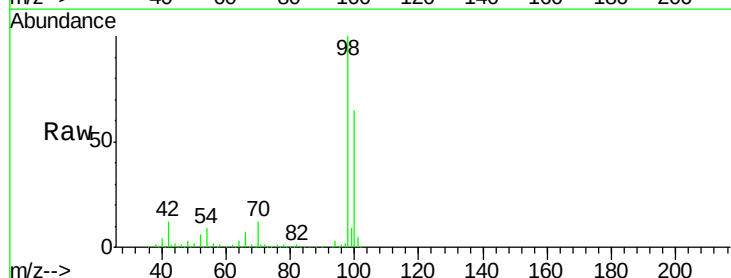
Acq: 28 Jun 2018 03:22

Tgt Ion: 98 Resp: 467455

Ion Ratio Lower Upper

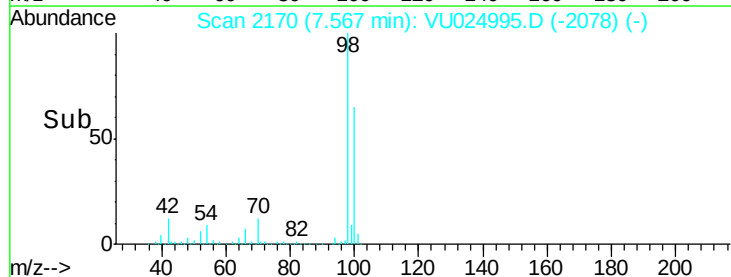
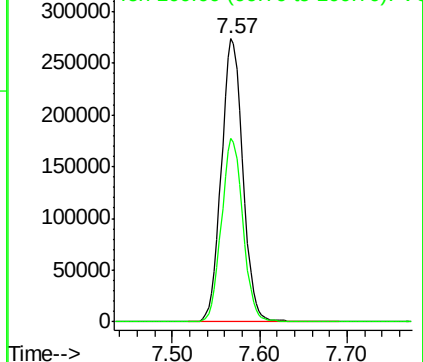
98 100

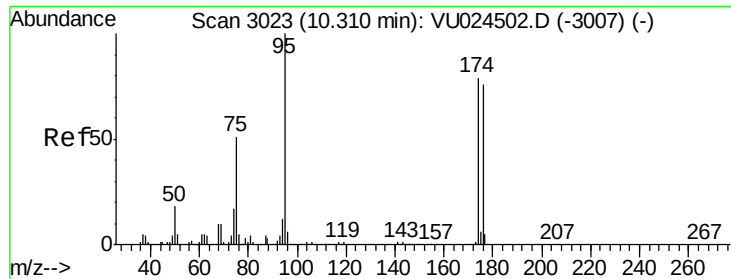
100 64.7 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#62

4-Bromofluorobenzene

Concen: 45.60 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024995.D

Acq: 28 Jun 2018 03:22

Instrument :

MSVOA_U

ClientSampleId :

WP021SB477-29-31-180621ME

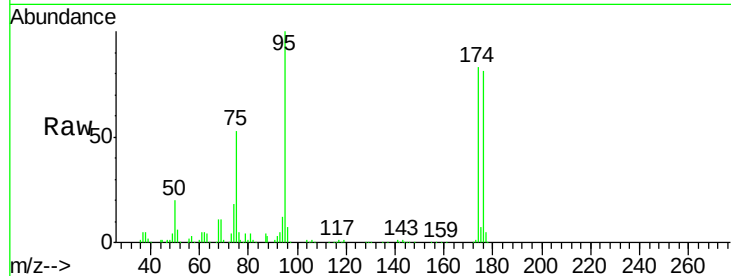
Tot Ion: 95 Resp: 177710

Ion Ratio Lower Upper

95 100

174 84.0 0.0 165.8

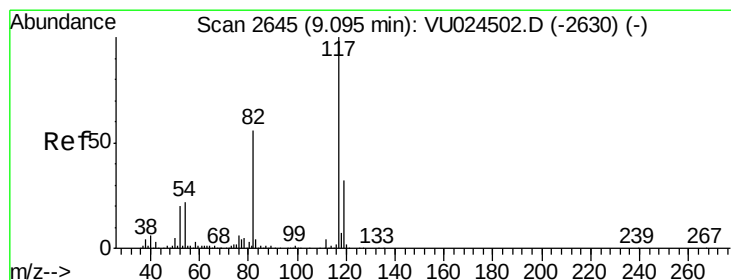
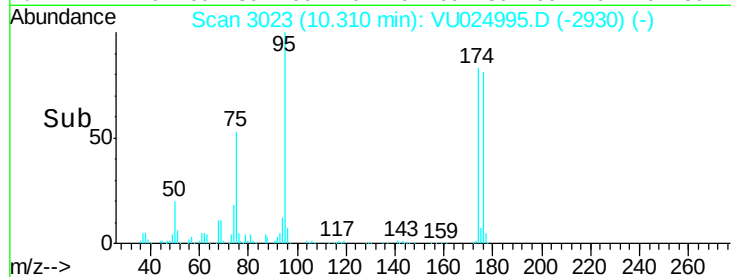
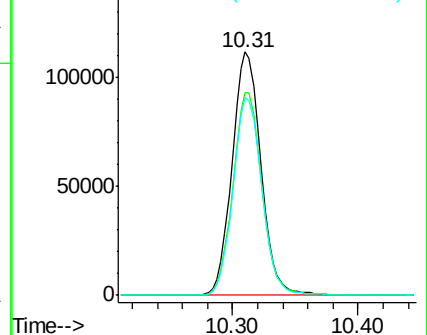
176 81.8 0.0 159.4



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# 2644

Delta R.T. -0.00 min

Lab File: VU024995.D

Acq: 28 Jun 2018 03:22

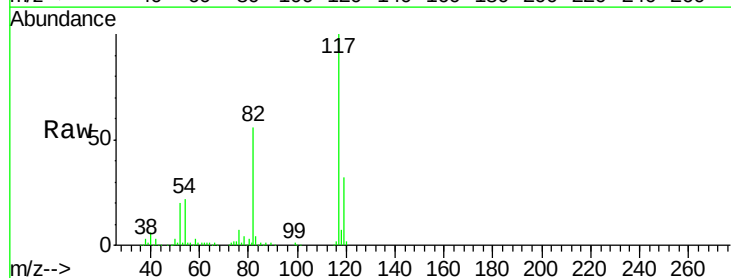
Tgt Ion: 117 Resp: 299786

Ion Ratio Lower Upper

117 100

82 55.6 44.3 66.5

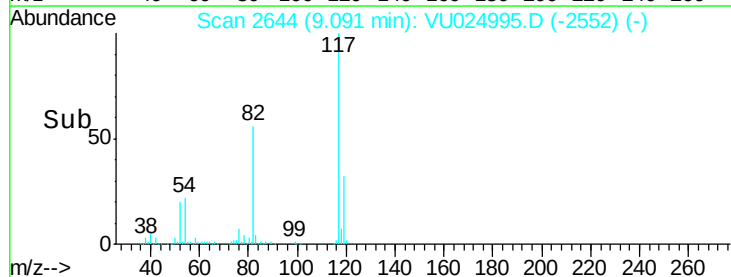
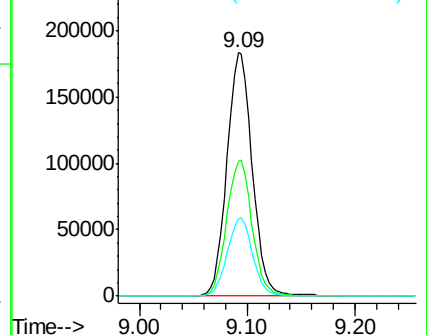
119 31.8 25.4 38.2

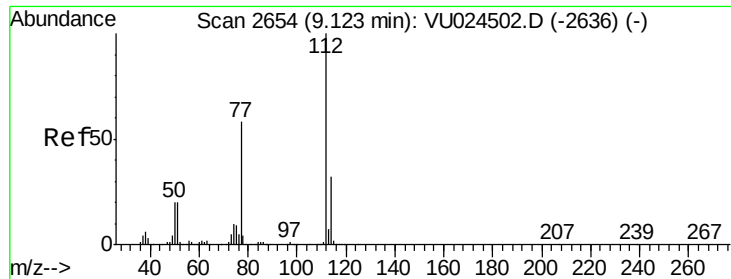


Abundance Ion 116.90 (116.60 to 117.60): VU024502.D (-2630) (-)

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

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

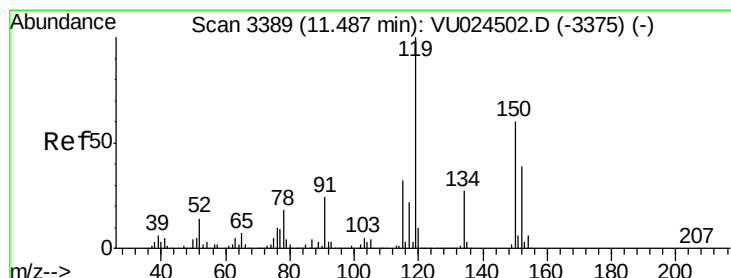
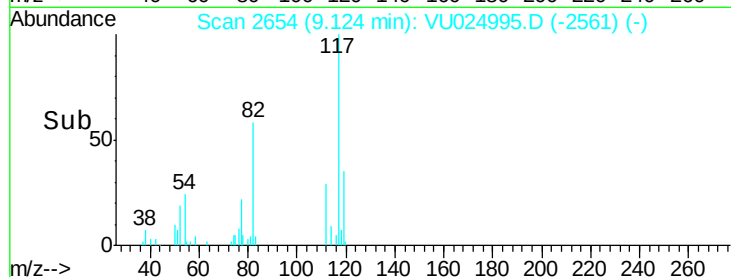
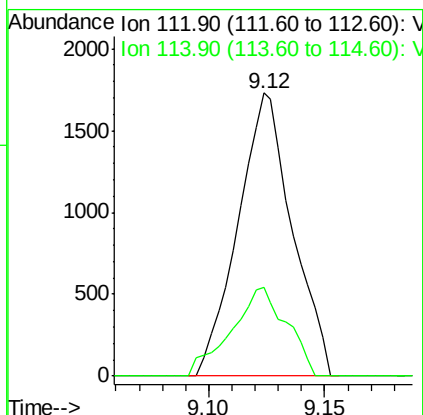
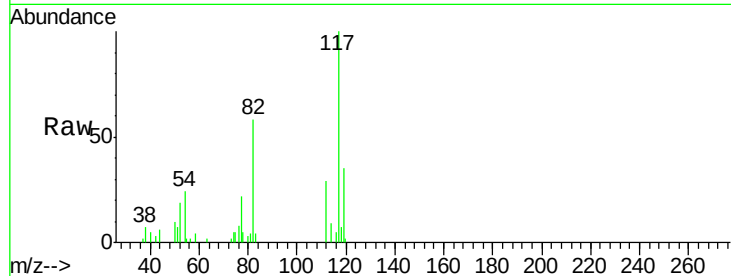




#65
Chlorobenzene
Concen: 0.37 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU024995.D
Acq: 28 Jun 2018 03:22

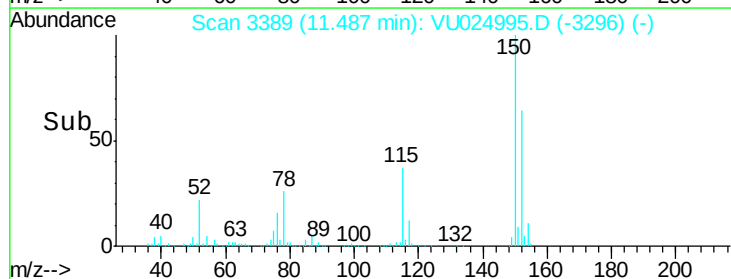
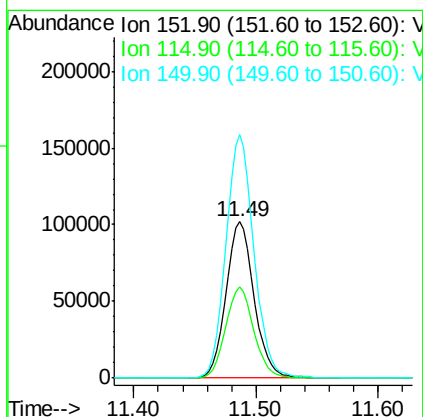
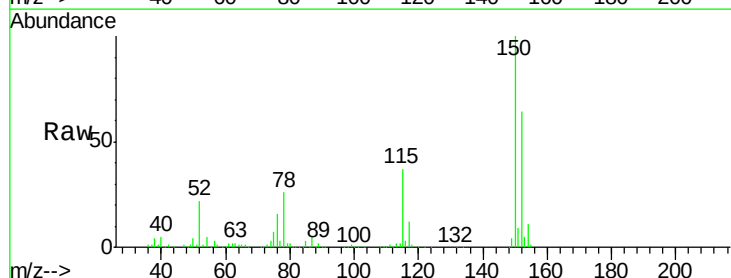
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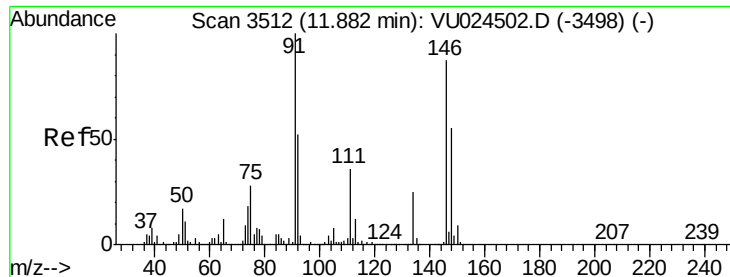
Tot Ion:112 Resp: 2814
Ion Ratio Lower Upper
112 100
114 31.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU024995.D
Acq: 28 Jun 2018 03:22

Tgt Ion:152 Resp: 164732
Ion Ratio Lower Upper
152 100
115 58.3 43.0 129.0
150 155.3 0.0 354.0

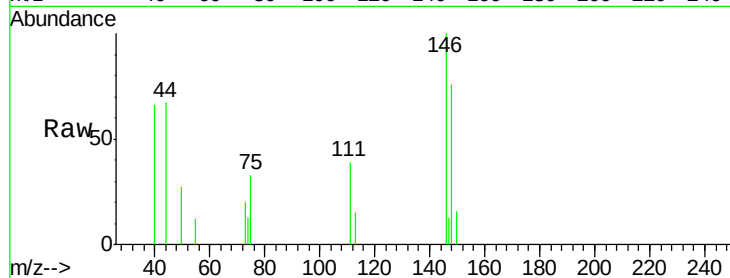




#91
 1,2-Dichlorobenzene
 Concen: 0.24 ug/l
 RT: 11.89 min Scan# 3514
 Delta R.T. 0.01 min
 Lab File: VU024995.D
 Acq: 28 Jun 2018 03:22

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB477-29-31-180621ME

Tot Ion:146 Resp: 1411
 Ion Ratio Lower Upper
 146 100
 111 36.6 20.5 61.6
 148 71.8 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

