

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070718\
 Data File : VU025252.D
 Acq On : 06 Jul 2018 20:06
 Operator : MD/SY
 Sample : J3808-16
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021IW349-180628

Quant Time: Jul 07 00:24:38 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

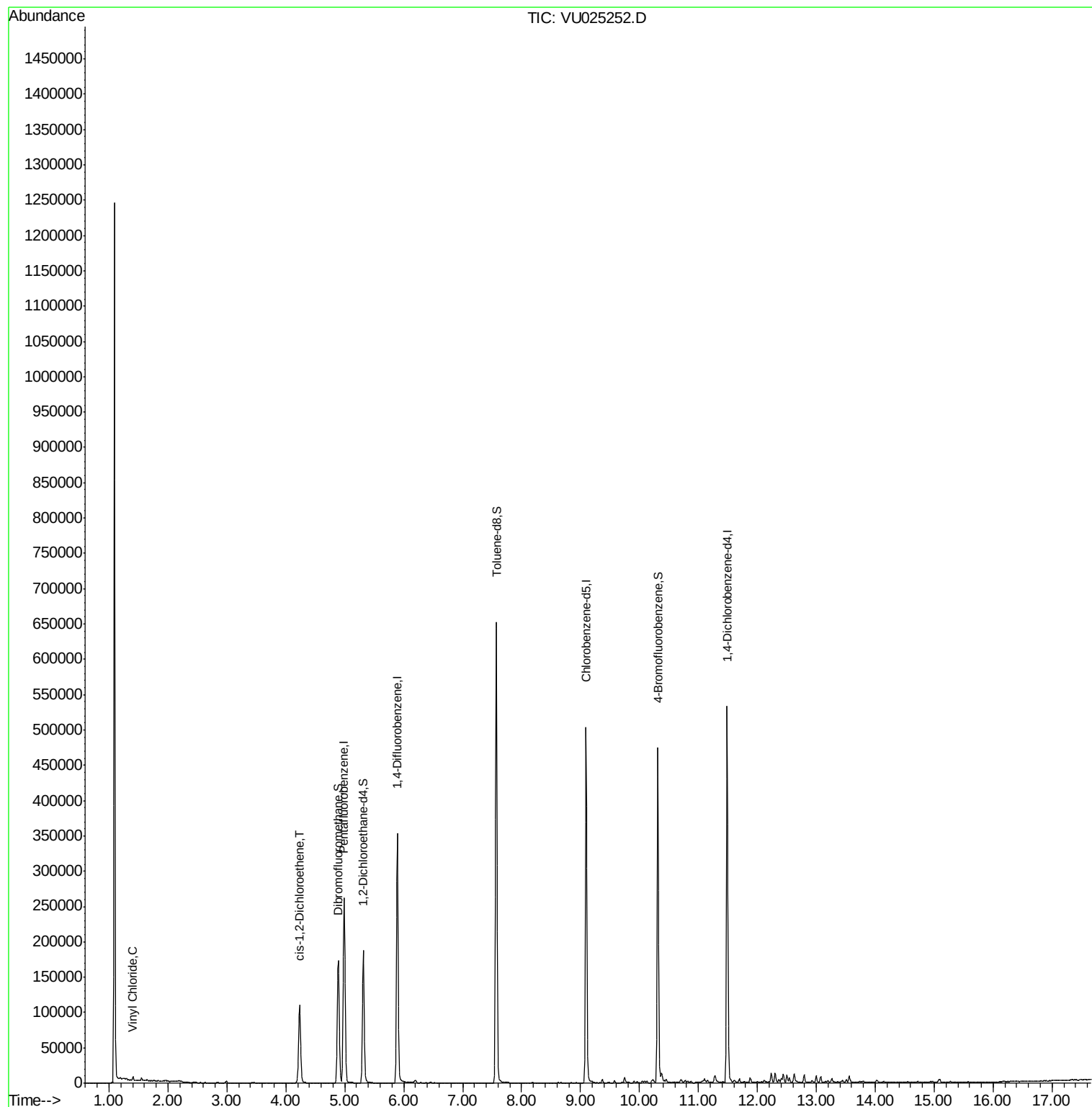
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	199935	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	301700	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	276983	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	142575	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	152241	46.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.28%	
35) Dibromofluoromethane	4.89	113	115716	46.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.42%	
50) Toluene-d8	7.57	98	430491	47.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.28%	
62) 4-Bromofluorobenzene	10.31	95	154332	42.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.12%	
Target Compounds						
4) Vinyl Chloride	1.40	62	3002	1.139	ug/l	97
27) cis-1,2-Dichloroethene	4.23	96	62354	21.631	ug/l	88

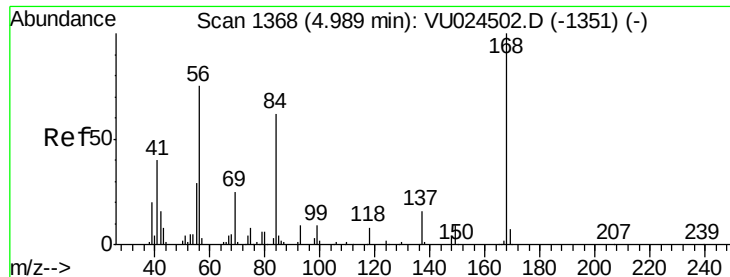
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU025252.D

Acq: 06 Jul 2018 20:06

Instrument :

MSVOA_U

ClientSampleId :

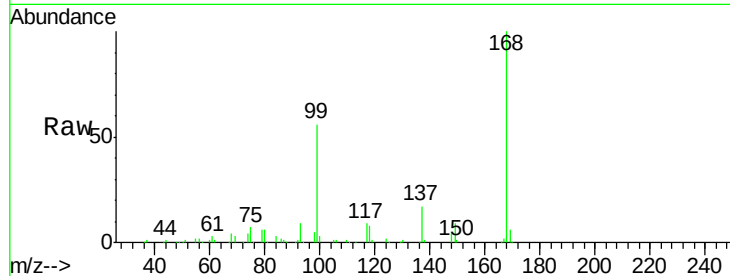
WP021IW349-180628

Tot Ion:168 Resp: 199935

Ion Ratio Lower Upper

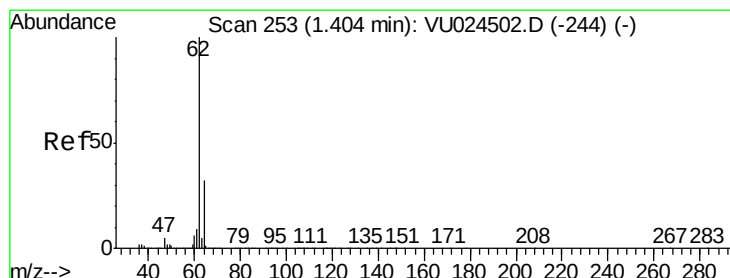
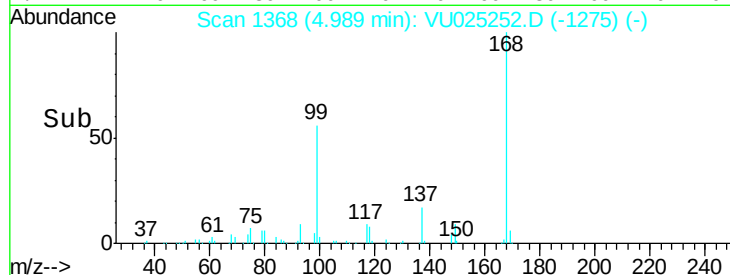
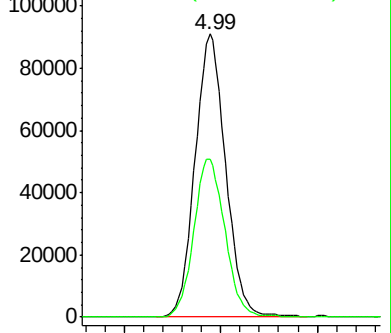
168 100

99 55.9 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#4

Vinyl Chloride

Concen: 1.139 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025252.D

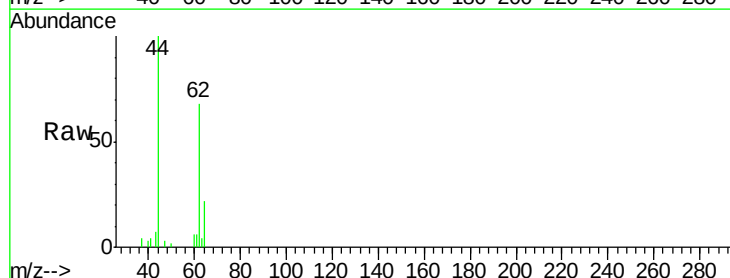
Acq: 06 Jul 2018 20:06

Tgt Ion: 62 Resp: 3002

Ion Ratio Lower Upper

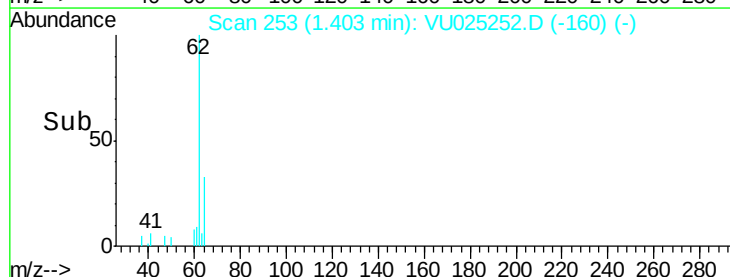
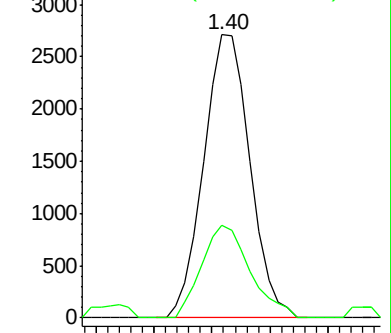
62 100

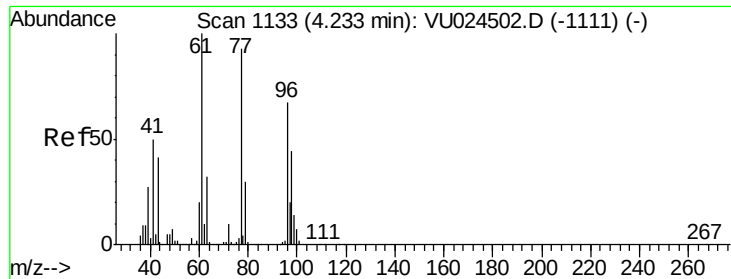
64 32.9 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#27

cis-1,2-Dichloroethene

Concen: 21.631 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. -0.00 min

Lab File: VU025252.D

Acq: 06 Jul 2018 20:06

Instrument :

MSVOA_U

ClientSampleId :

WP021IW349-180628

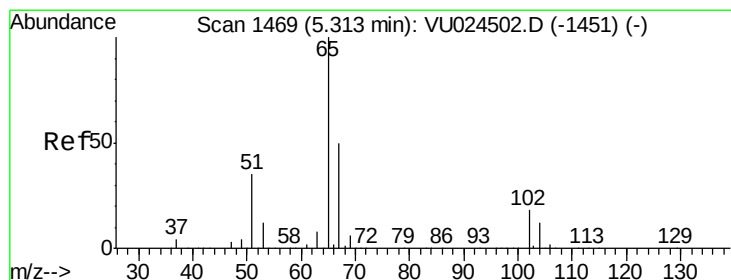
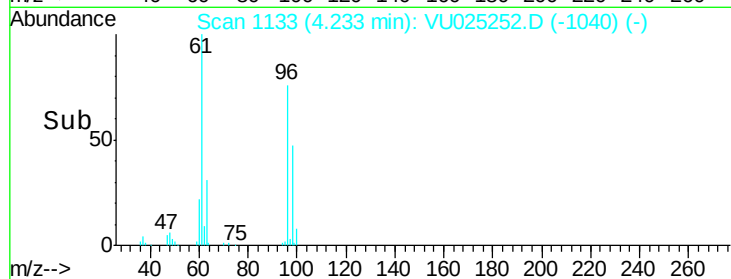
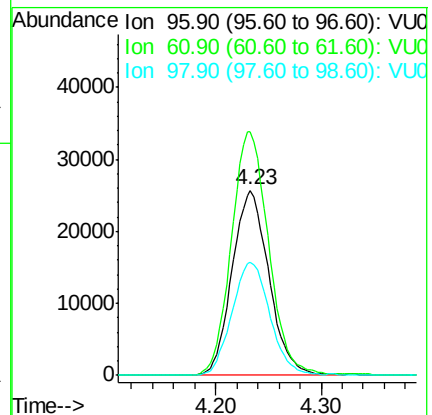
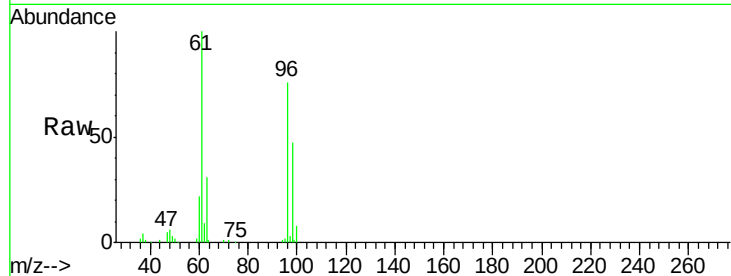
Tot Ion: 96 Resp: 62354

Ion Ratio Lower Upper

96 100

61 132.5 0.0 306.6

98 62.9 0.0 128.8



#33

1,2-Dichloroethane-d4

Concen: 46.643 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU025252.D

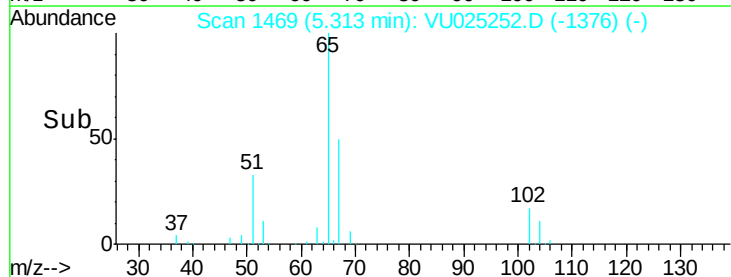
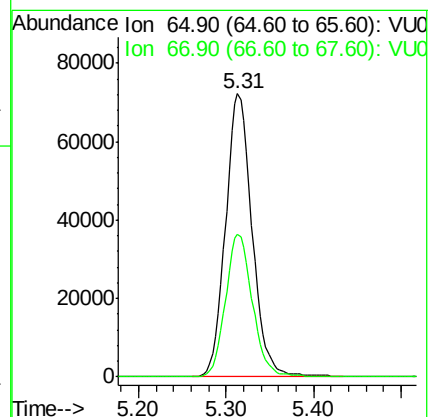
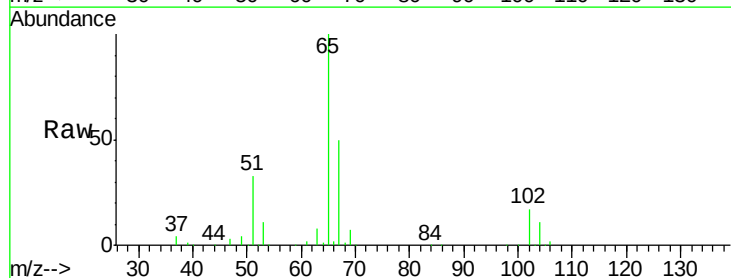
Acq: 06 Jul 2018 20:06

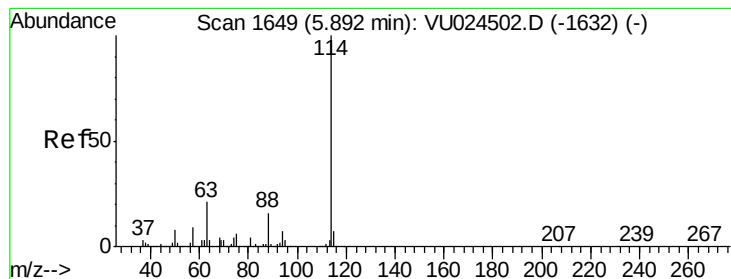
Tgt Ion: 65 Resp: 152241

Ion Ratio Lower Upper

65 100

67 51.0 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VU025252.D

Acq: 06 Jul 2018 20:06

Instrument :

MSVOA_U

ClientSampleId :

WP021IW349-180628

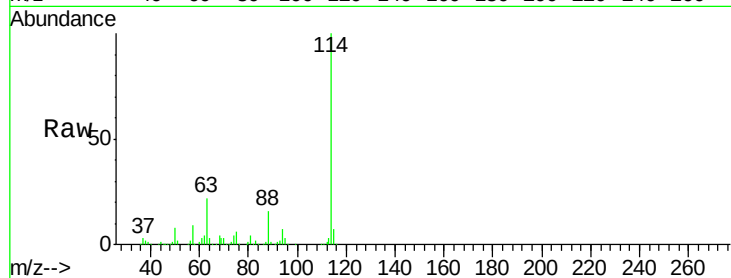
Tot Ion:114 Resp: 301700

Ion Ratio Lower Upper

114 100

63 21.8 0.0 45.4

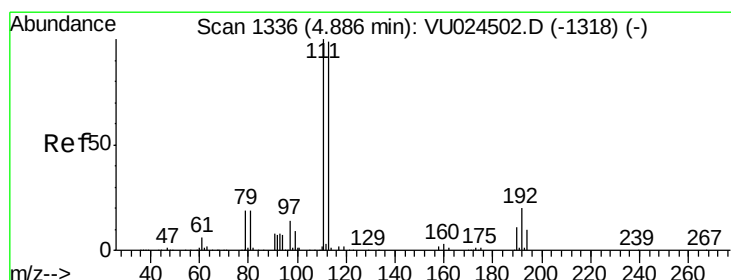
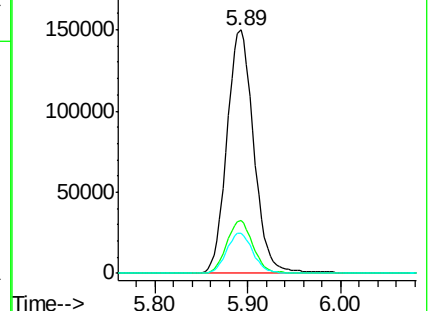
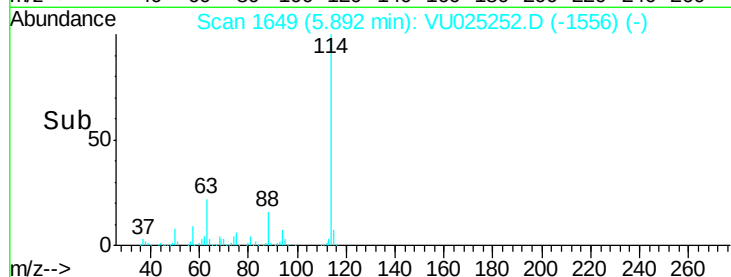
88 16.4 0.0 31.0



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: 46.215 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025252.D

Acq: 06 Jul 2018 20:06

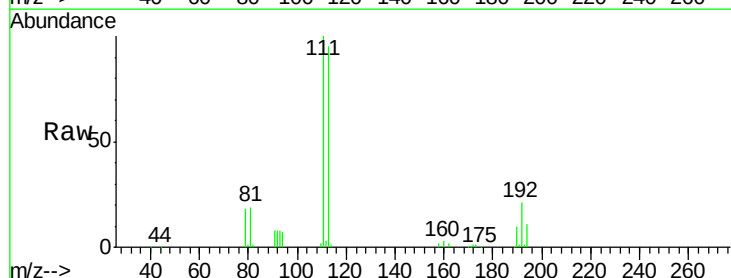
Tgt Ion:113 Resp: 115716

Ion Ratio Lower Upper

113 100

111 103.9 82.2 123.4

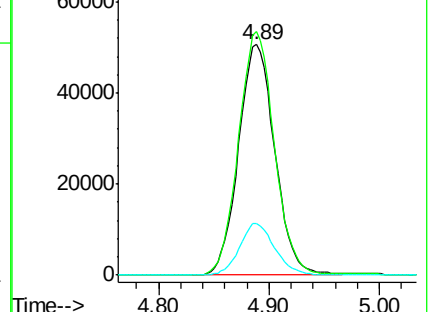
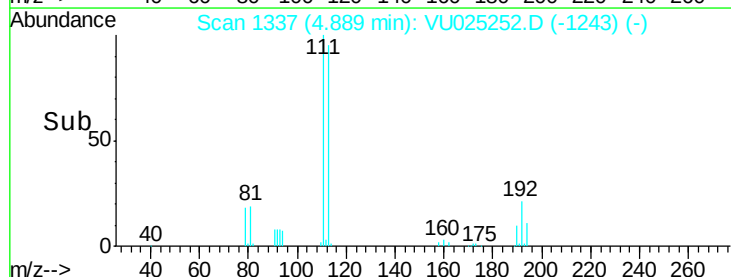
192 21.7 16.2 24.4

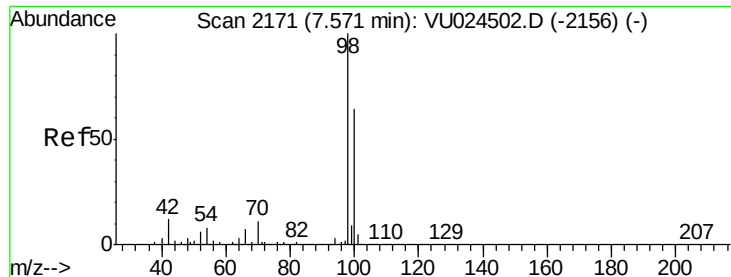


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

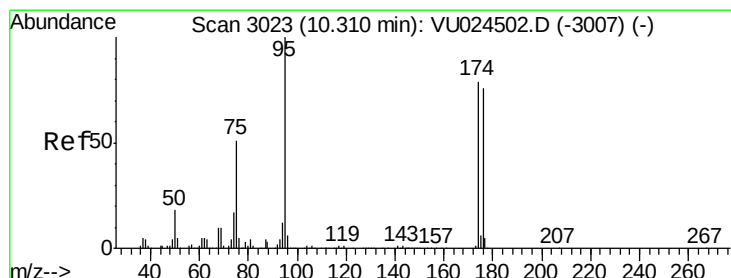
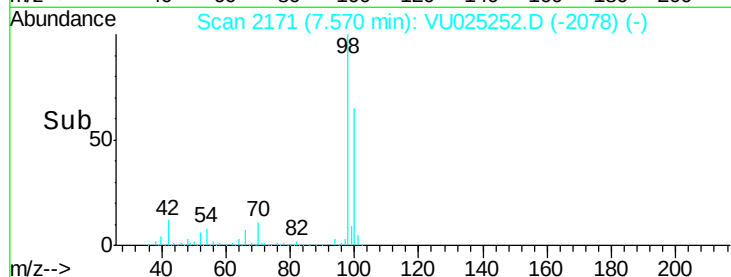
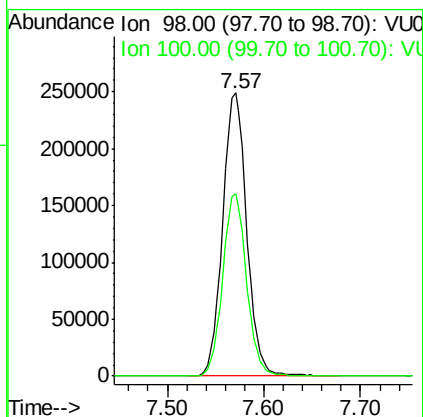
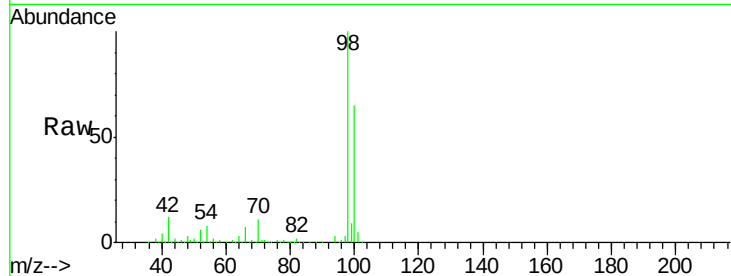




#50
Toluene-d8
Concen: 47.135 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VU025252.D
Acq: 06 Jul 2018 20:06

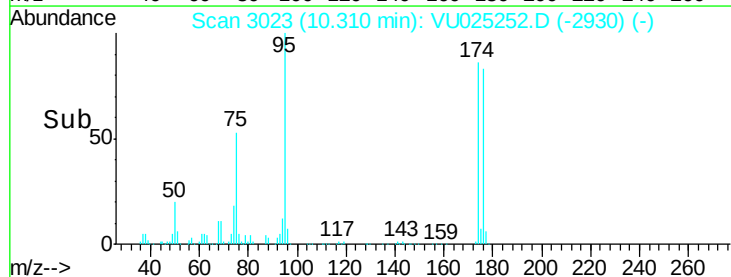
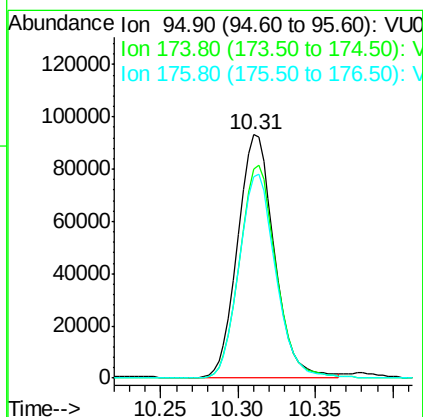
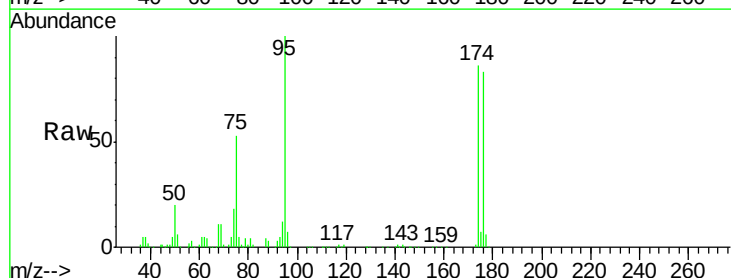
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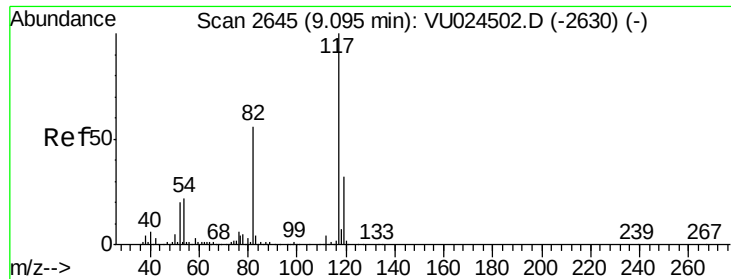
Tot Ion: 98 Resp: 430491
Ion Ratio Lower Upper
98 100
100 63.7 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 42.560 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU025252.D
Acq: 06 Jul 2018 20:06

Tgt Ion: 95 Resp: 154332
Ion Ratio Lower Upper
95 100
174 87.1 0.0 165.8
176 83.7 0.0 159.4

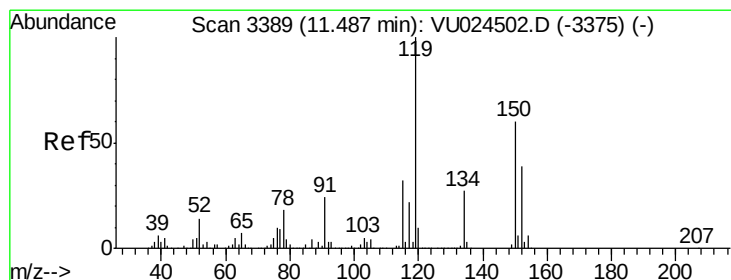
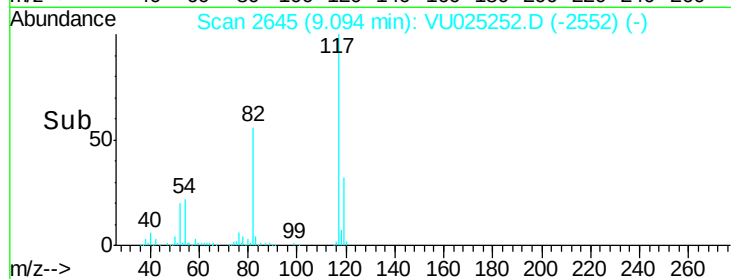
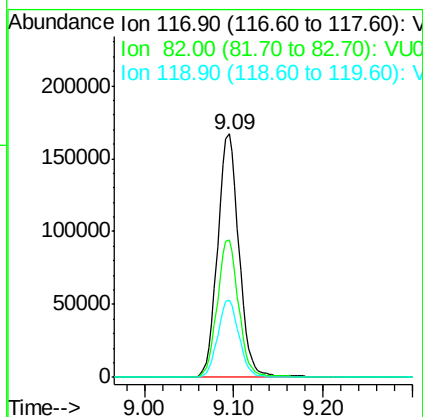
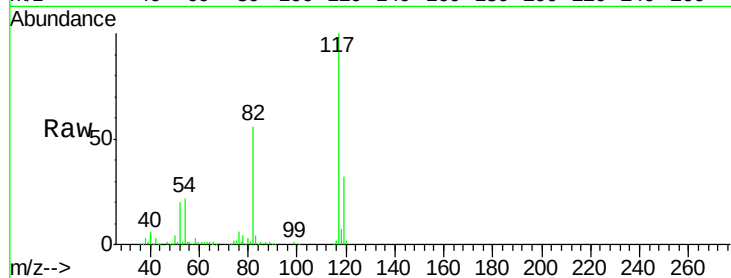




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU025252.D
Acq: 06 Jul 2018 20:06

Instrument :
MSVOA_U
ClientSampleId :
WP021IW349-180628

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.5	44.3	66.5
119	31.9	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VU025252.D
Acq: 06 Jul 2018 20:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.6	43.0	129.0
150	154.5	0.0	354.0

