

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062718\
 Data File : VU025002.D
 Acq On : 28 Jun 2018 06:11
 Operator : MD/SY
 Sample : J3671-02ME
 Misc : 5.91g/5mL/100uL/5.00ML/MSVOA_U/MEOH
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-0477-180621ME

Quant Time: Jun 28 10:01:00 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

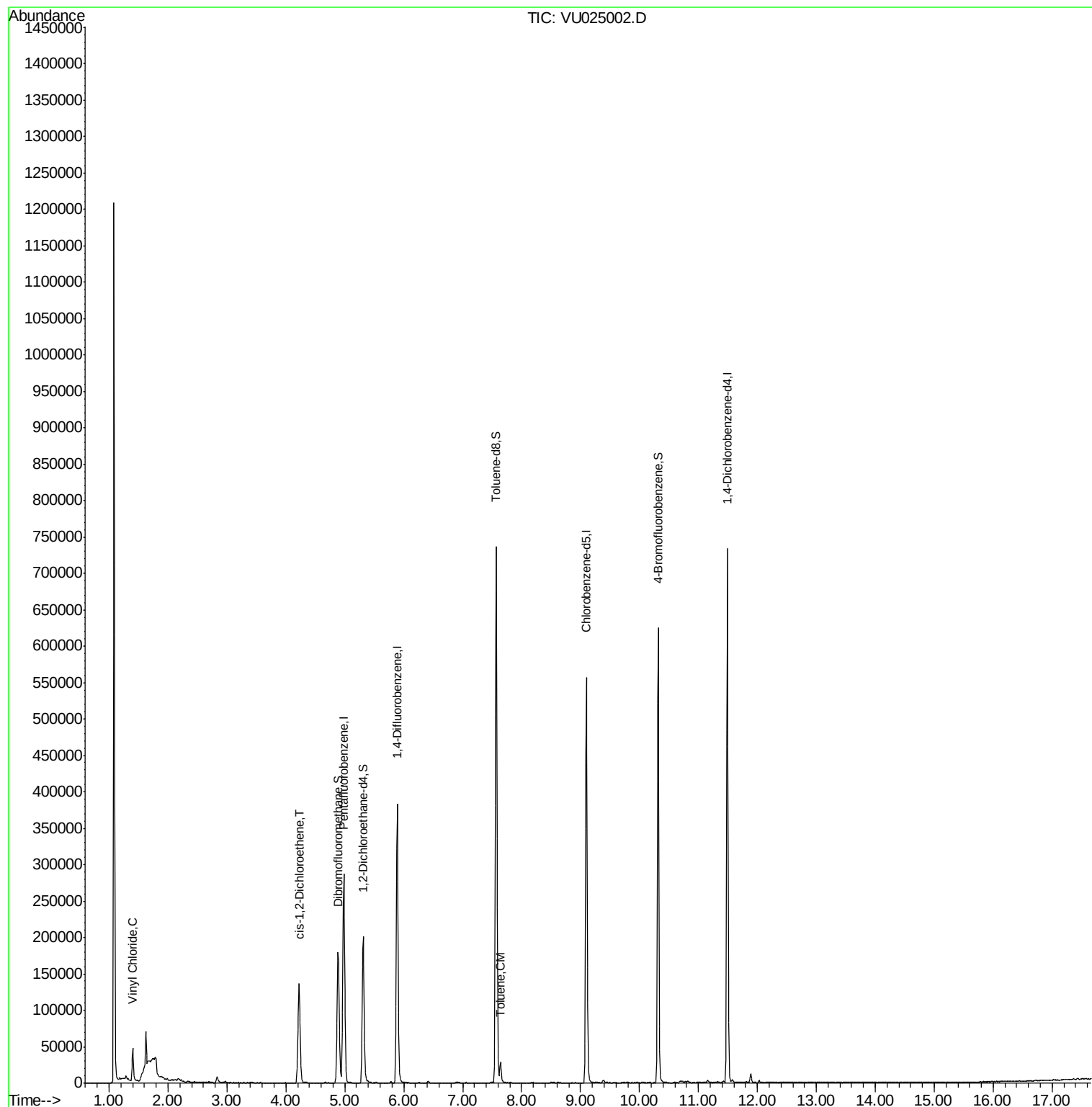
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	228812	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	345548	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.10	117	335110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	189525	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	173090	46.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.68%	
35) Dibromofluoromethane	4.89	113	133131	46.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.84%	
50) Toluene-d8	7.57	98	504582	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.48%	
62) 4-Bromofluorobenzene	10.32	95	202682	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.60%	
Target Compounds						
4) Vinyl Chloride	1.40	62	33652	11.15	ug/l	95
27) cis-1,2-Dichloroethene	4.22	96	80814	24.50	ug/l	87
52) Toluene	7.64	92	12100	1.63	ug/l	91

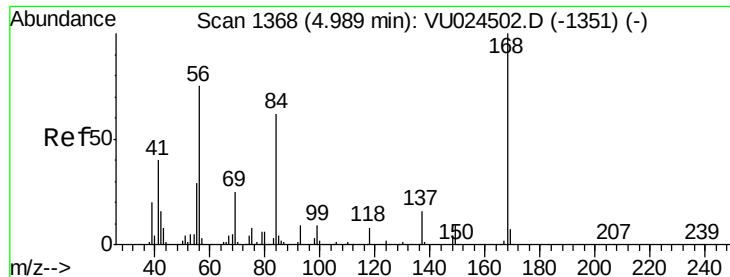
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU062718\
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.98 min Scan# 1366

Delta R.T. -0.01 min

Lab File: VU025002.D

Acq: 28 Jun 2018 06:11

Instrument :

MSVOA_U

ClientSampleId :

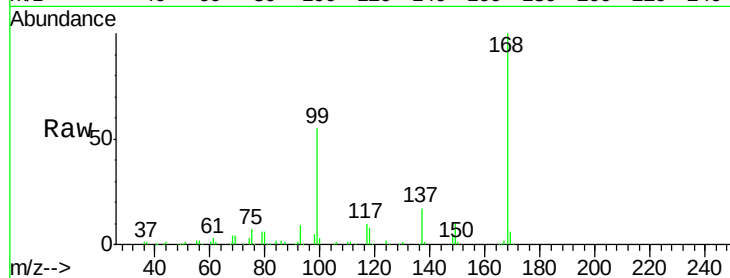
DUP-0477-180621ME

Tot Ion:168 Resp: 228812

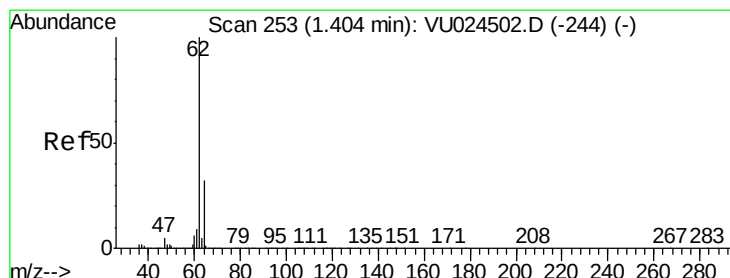
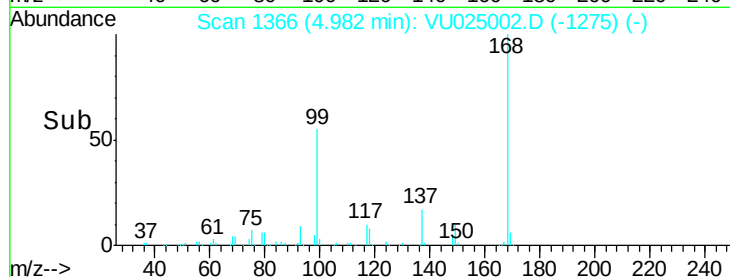
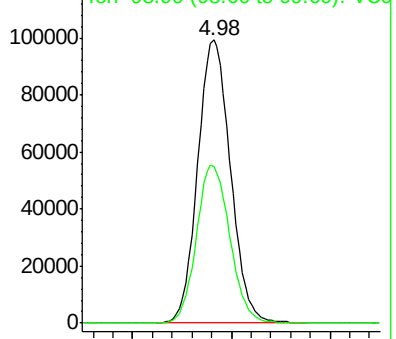
Ion Ratio Lower Upper

168 100

99 55.3 43.2 64.8



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



#4

Vinyl Chloride

Concen: 11.15 ug/l

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

Lab File: VU025002.D

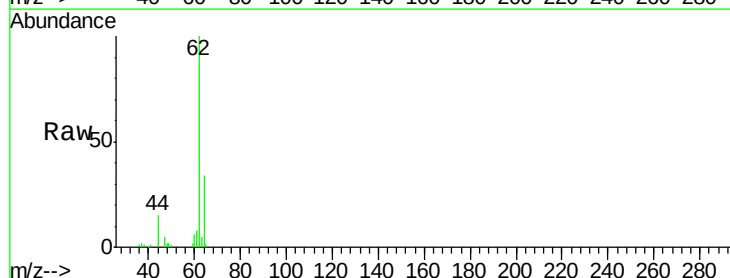
Acq: 28 Jun 2018 06:11

Tgt Ion: 62 Resp: 33652

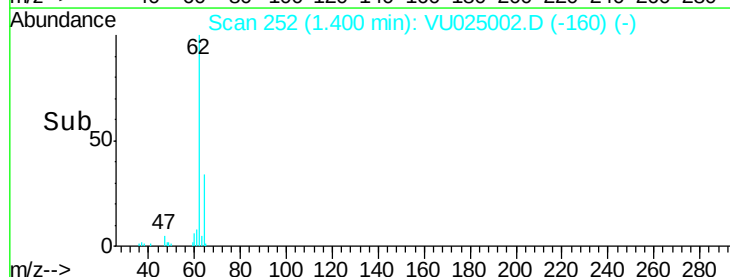
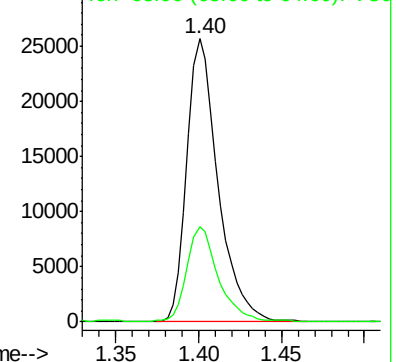
Ion Ratio Lower Upper

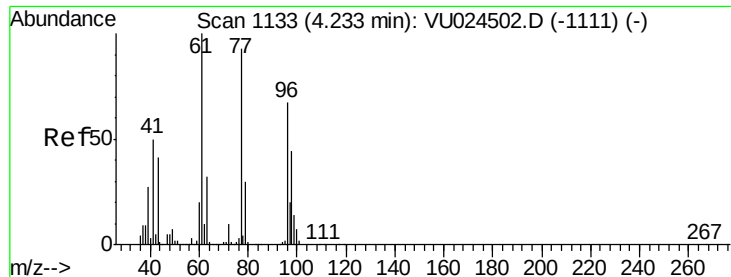
62 100

64 33.8 24.8 37.2



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





#27

cis-1,2-Dichloroethene

Concen: 24.50 ug/l

RT: 4.22 min Scan# 1130

Delta R.T. -0.01 min

Lab File: VU025002.D

Acq: 28 Jun 2018 06:11

Instrument :

MSVOA_U

ClientSampleId :

DUP-0477-180621ME

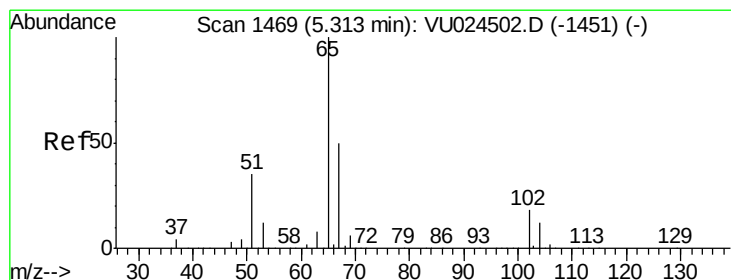
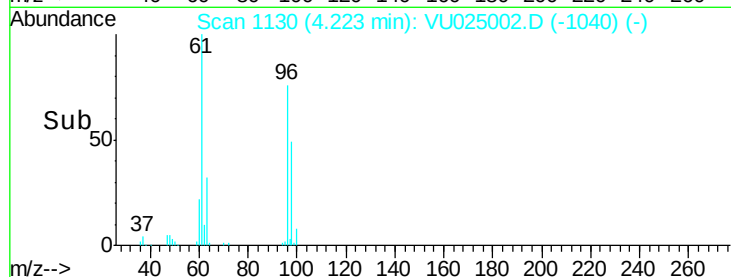
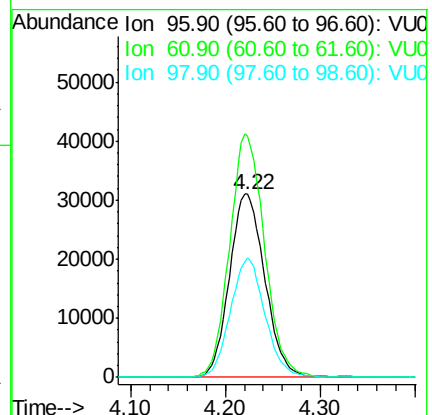
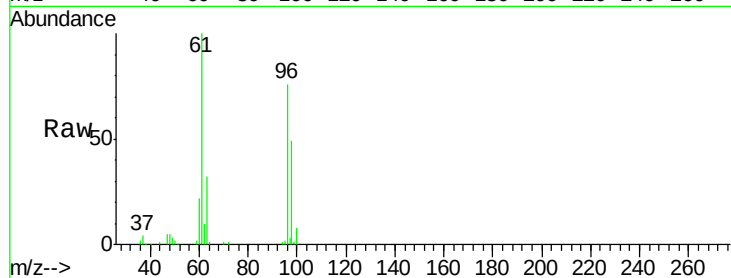
Tot Ion: 96 Resp: 80814

Ion Ratio Lower Upper

96 100

61 130.8 0.0 306.6

98 63.4 0.0 128.8



#33

1,2-Dichloroethane-d4

Concen: 46.34 ug/l

RT: 5.31 min Scan# 1468

Delta R.T. -0.00 min

Lab File: VU025002.D

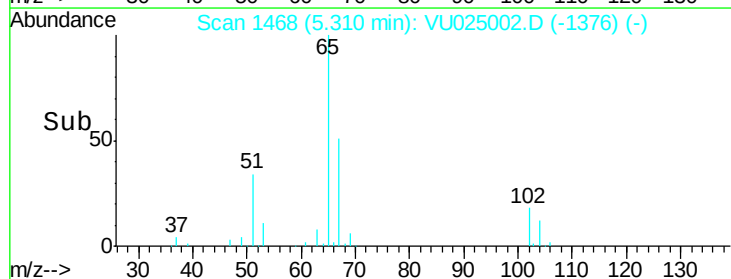
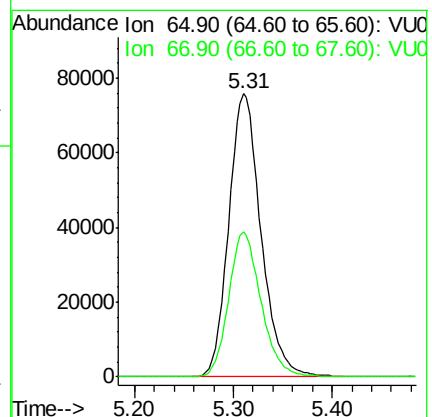
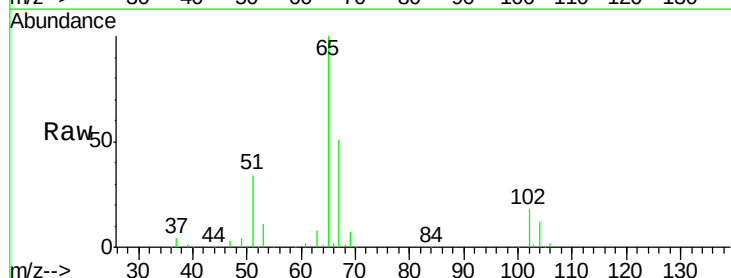
Acq: 28 Jun 2018 06:11

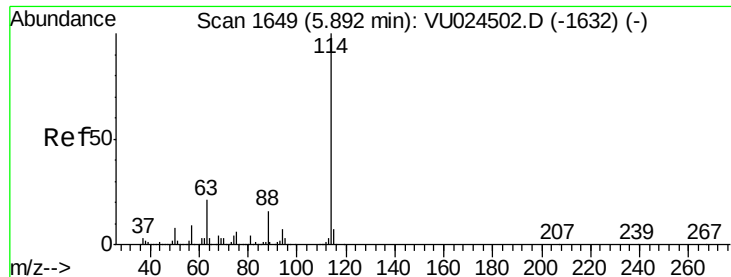
Tgt Ion: 65 Resp: 173090

Ion Ratio Lower Upper

65 100

67 51.7 0.0 107.0

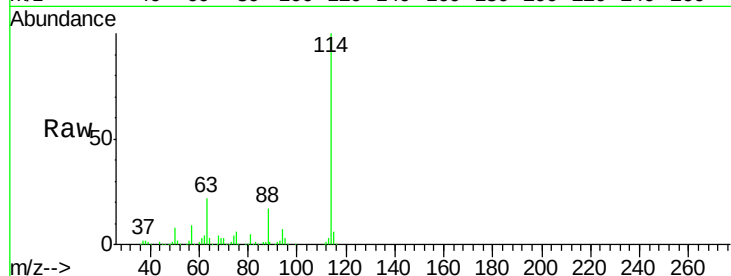




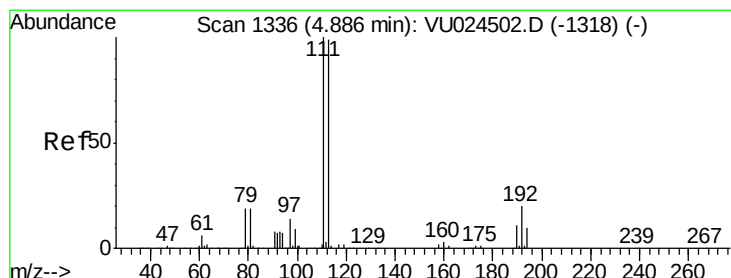
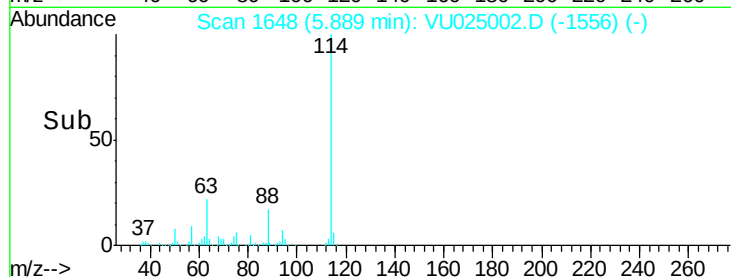
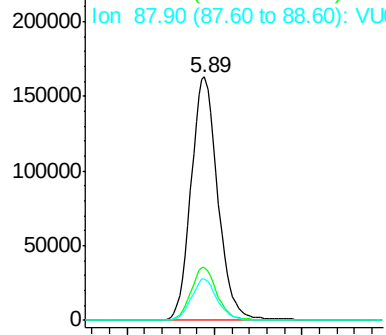
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025002.D
 Acq: 28 Jun 2018 06:11

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-0477-180621ME

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	45.4
88	17.1	0.0	31.0

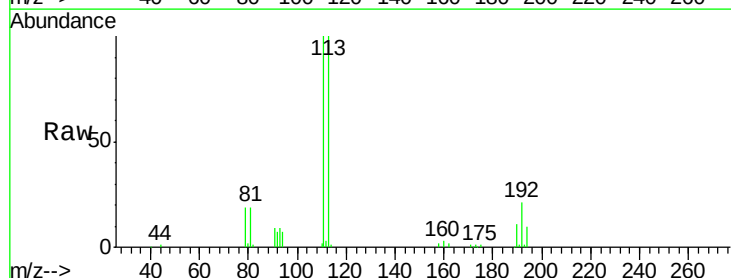


Abundance Ion 113.90 (113.60 to 114.60): V

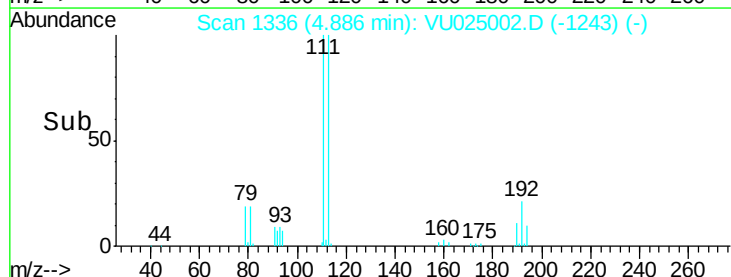
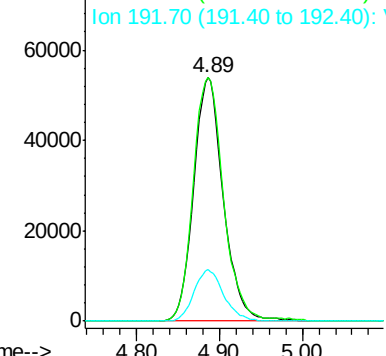


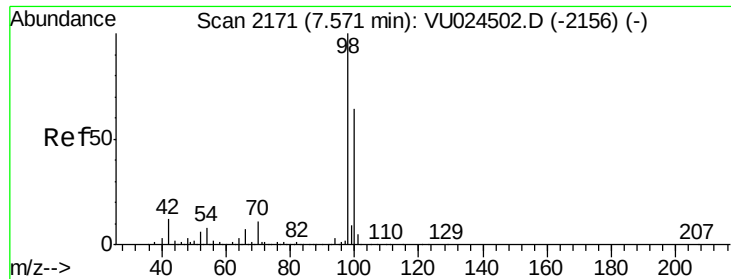
#35
 Dibromofluoromethane
 Concen: 46.42 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU025002.D
 Acq: 28 Jun 2018 06:11

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.2	123.4
192	21.2	16.2	24.4



Abundance Ion 112.80 (112.50 to 113.50): V





#50

Toluene-d8

Concen: 48.24 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU025002.D

Acq: 28 Jun 2018 06:11

Instrument :

MSVOA_U

ClientSampleId :

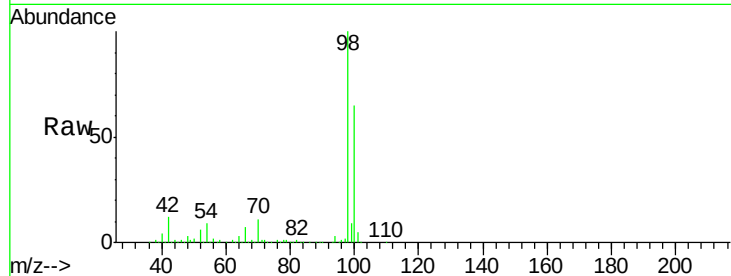
DUP-0477-180621ME

Tot Ion: 98 Resp: 504582

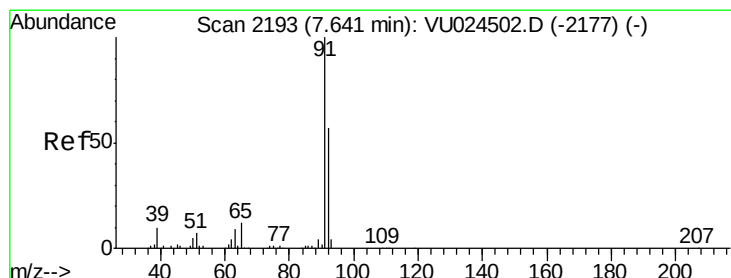
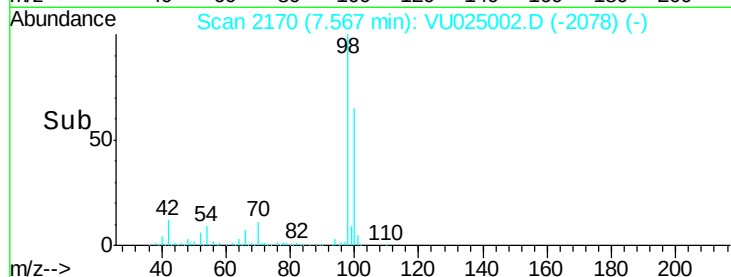
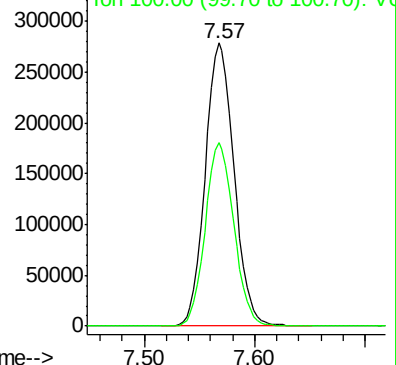
Ion Ratio Lower Upper

98 100

100 64.2 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU024502.D (-2156) (-)



#52

Toluene

Concen: 1.63 ug/l

RT: 7.64 min Scan# 2192

Delta R.T. -0.00 min

Lab File: VU025002.D

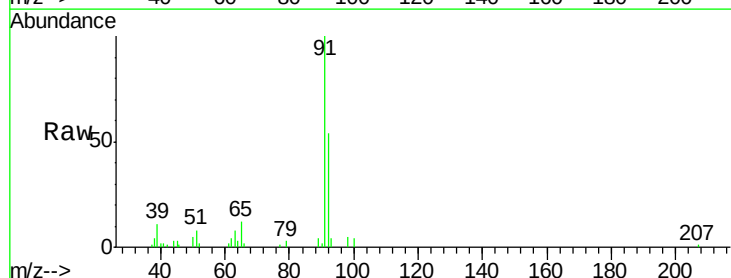
Acq: 28 Jun 2018 06:11

Tgt Ion: 92 Resp: 12100

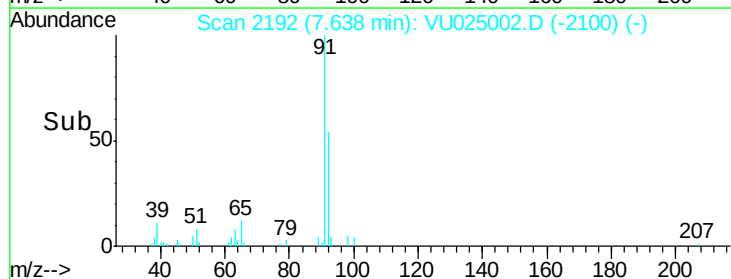
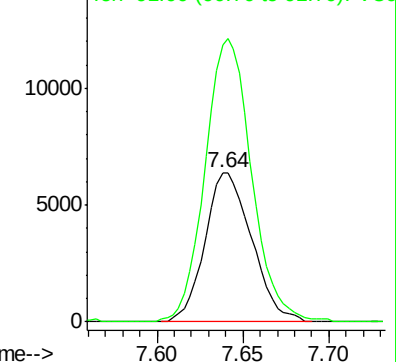
Ion Ratio Lower Upper

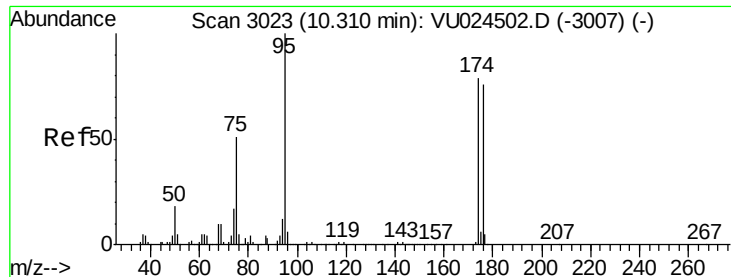
92 100

91 188.7 140.5 210.7



Abundance Ion 92.00 (91.70 to 92.70): VU024502.D (-2177) (-)





#62

4-Bromofluorobenzene

Concen: 48.80 ug/l

RT: 10.32 min Scan# 3025

Delta R.T. 0.01 min

Lab File: VU025002.D

Acq: 28 Jun 2018 06:11

Instrument :

MSVOA_U

ClientSampleId :

DUP-0477-180621ME

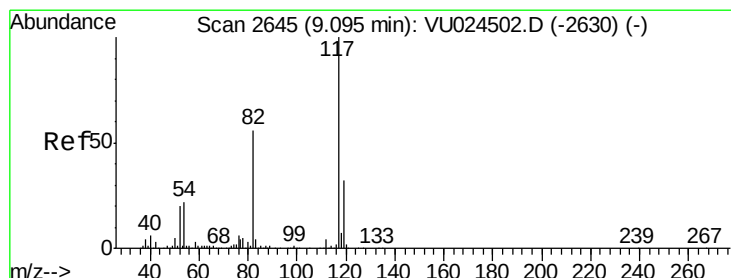
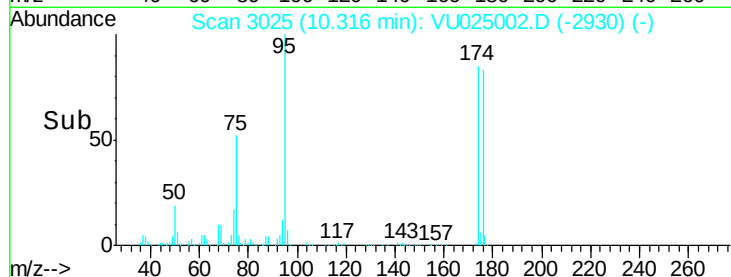
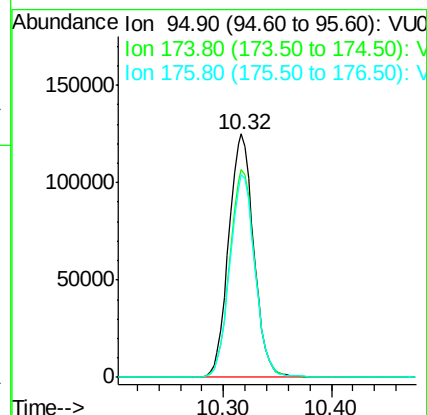
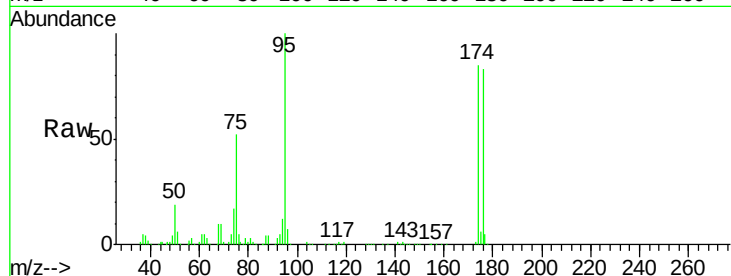
Tot Ion: 95 Resp: 202682

Ion Ratio Lower Upper

95 100

174 86.1 0.0 165.8

176 83.6 0.0 159.4



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.10 min Scan# 2646

Delta R.T. 0.00 min

Lab File: VU025002.D

Acq: 28 Jun 2018 06:11

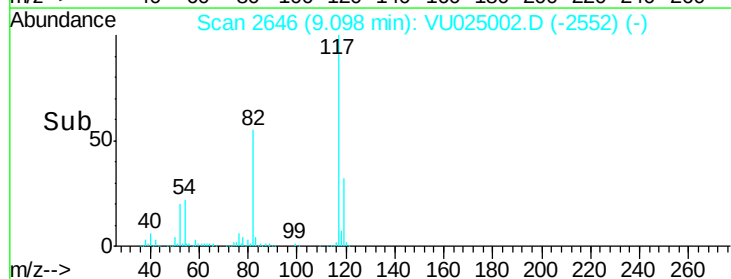
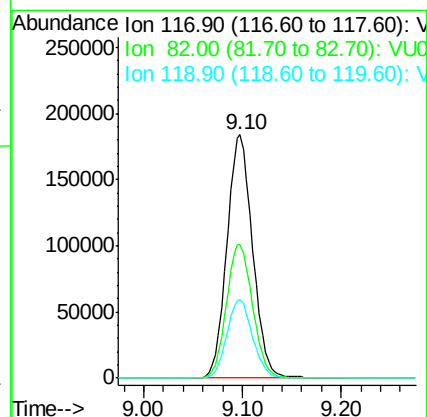
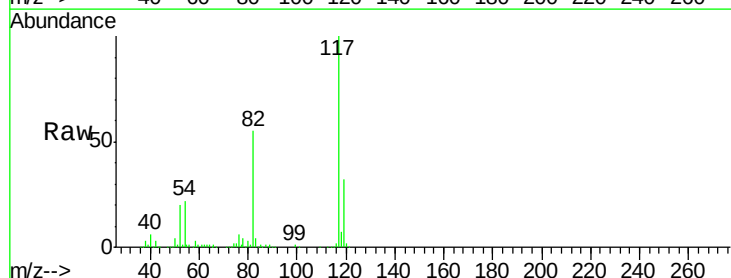
Tgt Ion: 117 Resp: 335110

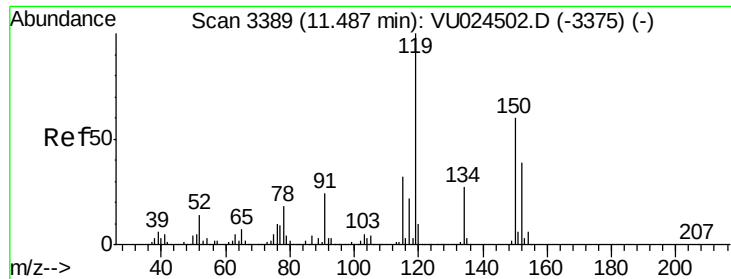
Ion Ratio Lower Upper

117 100

82 54.9 44.3 66.5

119 32.2 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VU025002.D

Acq: 28 Jun 2018 06:11

Instrument :

MSVOA_U

ClientSampleId :

DUP-0477-180621ME

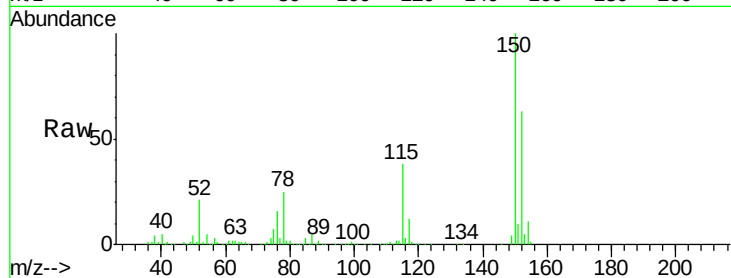
Tot Ion:152 Resp: 189525

Ion Ratio Lower Upper

152 100

115 57.8 43.0 129.0

150 156.0 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

