

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
 Data File : VU024721.D
 Acq On : 19 Jun 2018 04:20
 Operator : MD/SY
 Sample : J3535-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-0448-180613

Quant Time: Jun 19 08:18:18 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

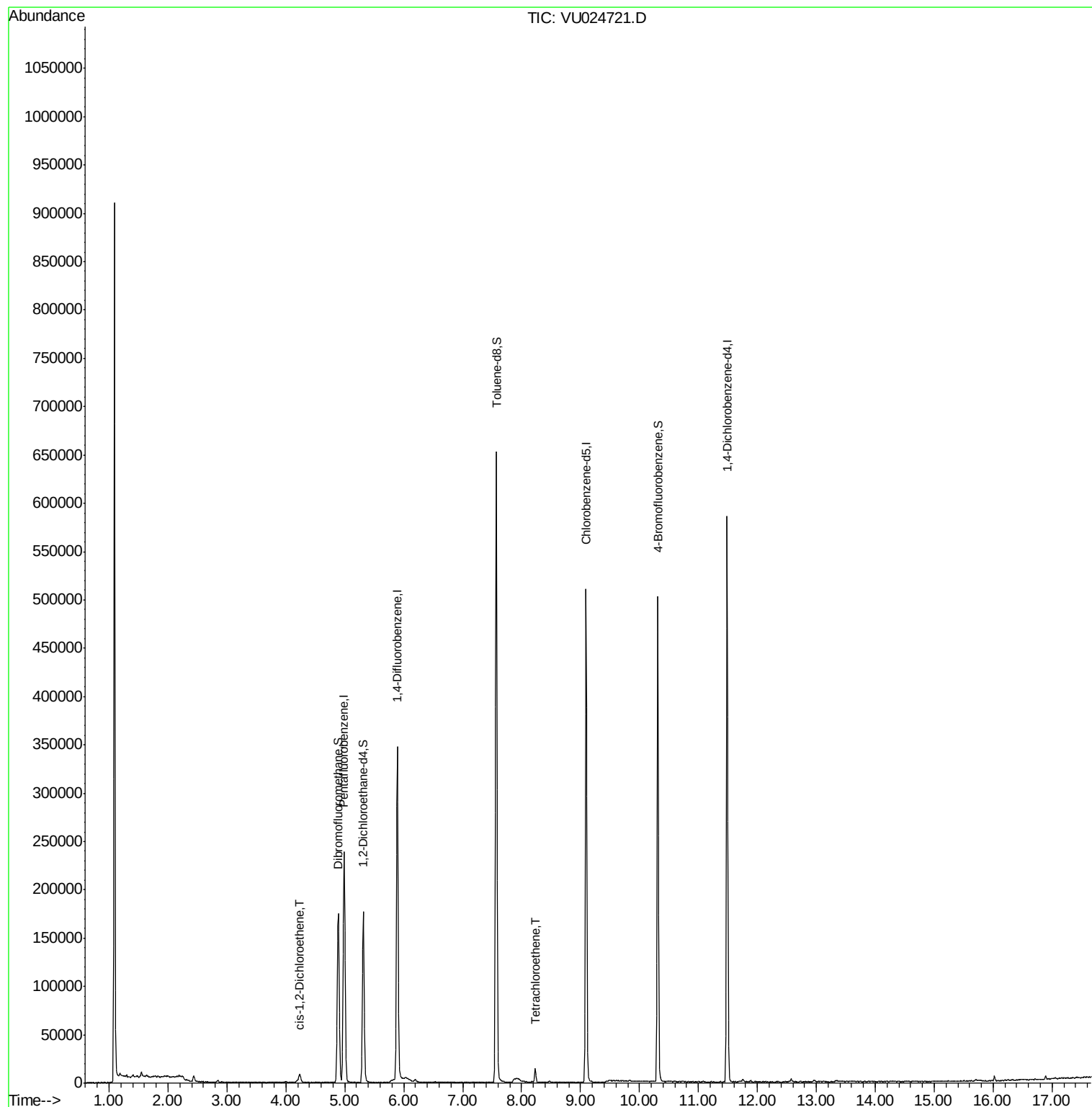
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	190401	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	299636	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	278624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	149966	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	134124	43.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.30%	
35) Dibromofluoromethane	4.89	113	118251	47.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.10%	
50) Toluene-d8	7.57	98	437906	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
62) 4-Bromofluorobenzene	10.31	95	156175	43.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.72%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.24	96	5282	1.92	ug/l	80
64) Tetrachloroethene	8.23	164	3389	1.28	ug/l #	86

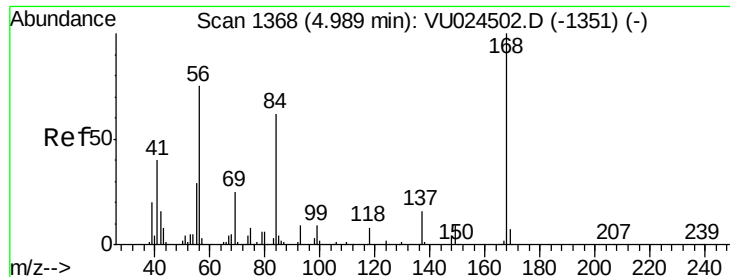
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU024721.D

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ClientSampleId :

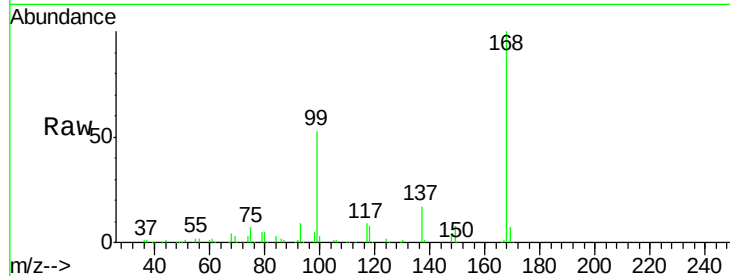
DUP-0448-180613

Tot Ion:168 Resp: 190401

Ion Ratio Lower Upper

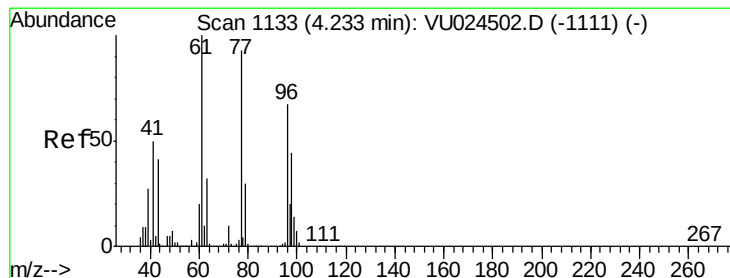
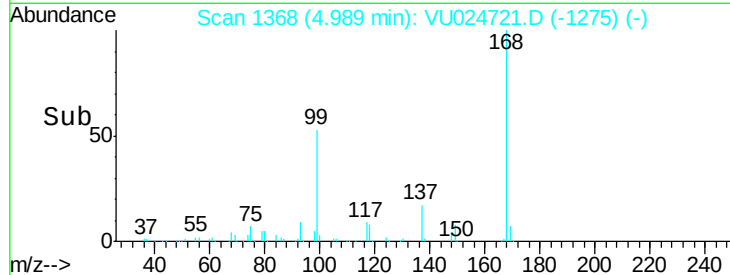
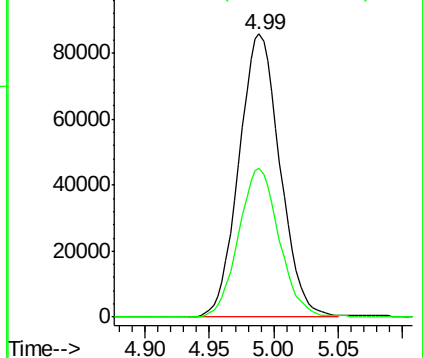
168 100

99 52.7 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#27

cis-1,2-Dichloroethene

Concen: 1.92 ug/l

RT: 4.24 min Scan# 1134

Delta R.T. 0.00 min

Lab File: VU024721.D

Acq: 19 Jun 2018 04:20

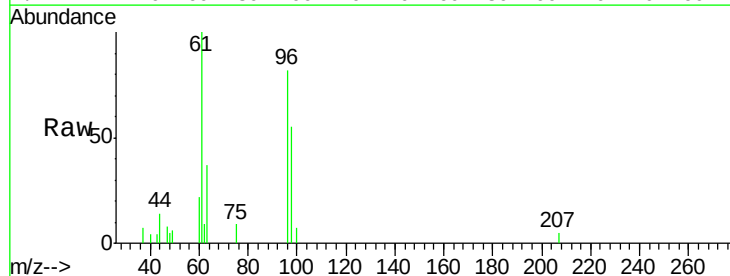
Tgt Ion: 96 Resp: 5282

Ion Ratio Lower Upper

96 100

61 117.7 0.0 306.6

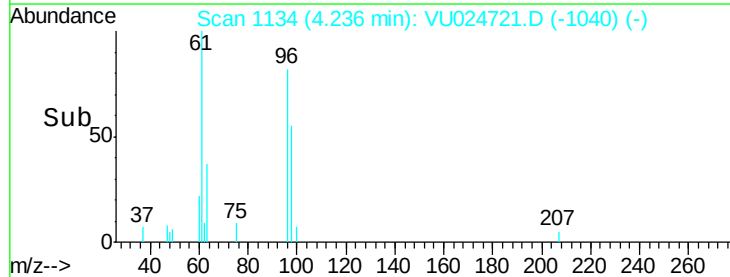
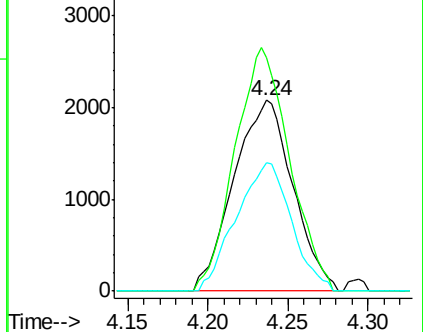
98 62.7 0.0 128.8

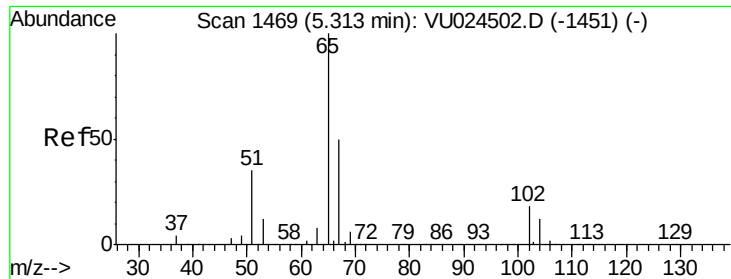


Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

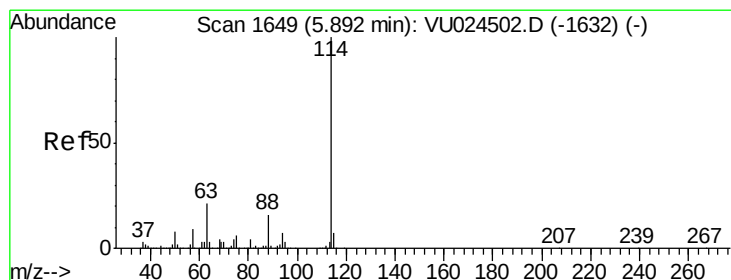
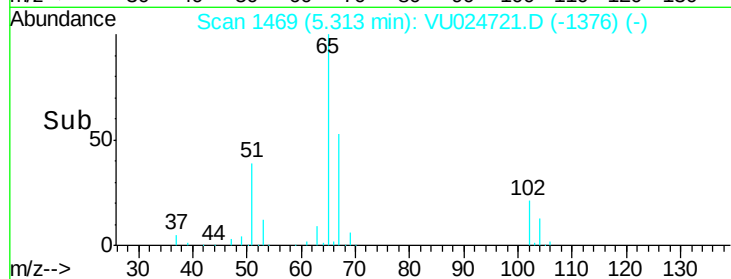
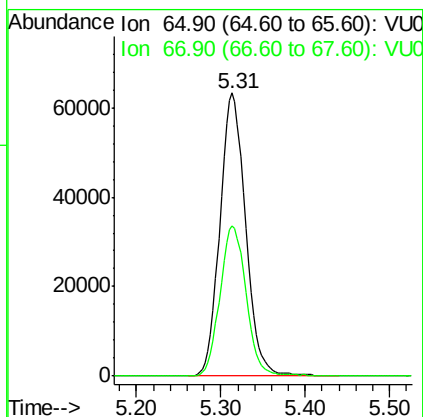
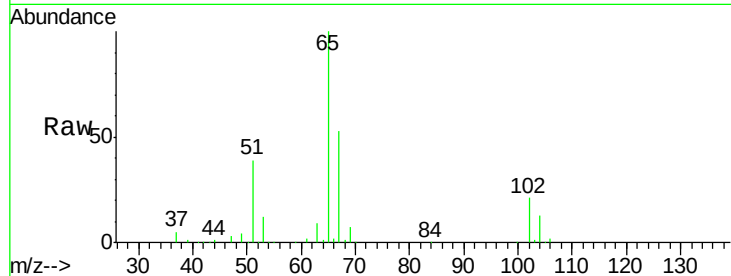




#33
 1,2-Dichloroethane-d4
 Concen: 43.15 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU024721.D
 Acq: 19 Jun 2018 04:20

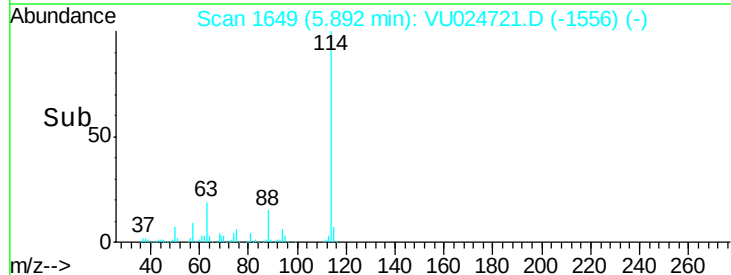
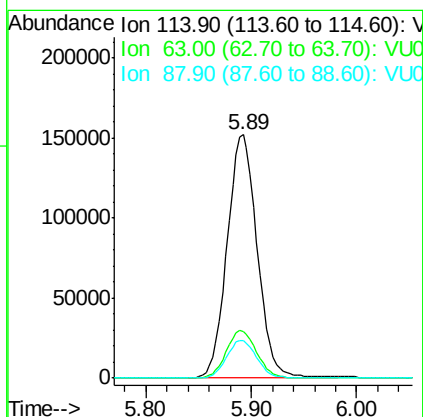
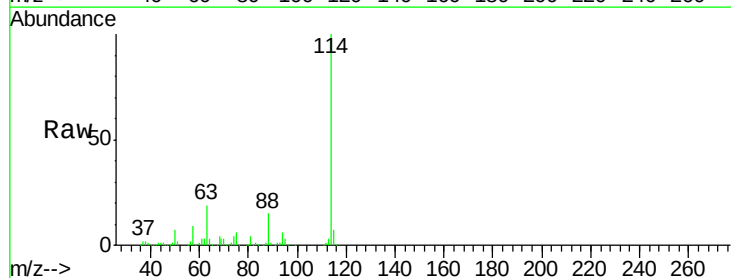
Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-0448-180613

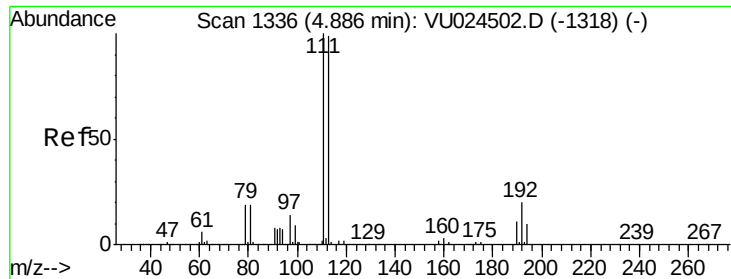
Tot Ion: 65 Resp: 134124
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU024721.D
 Acq: 19 Jun 2018 04:20

Tgt Ion: 114 Resp: 299636
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 45.4
 88 15.4 0.0 31.0

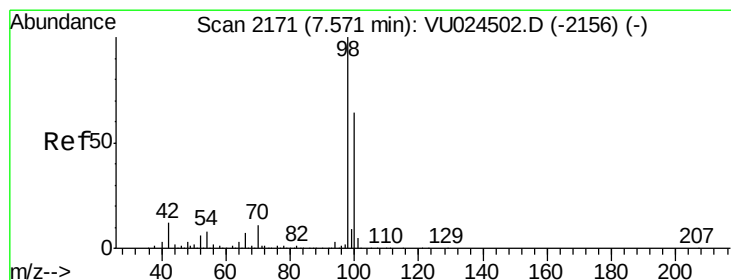
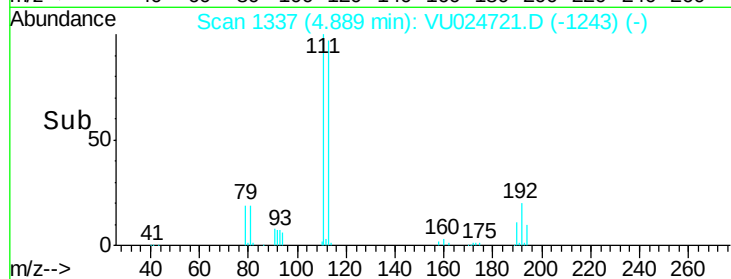
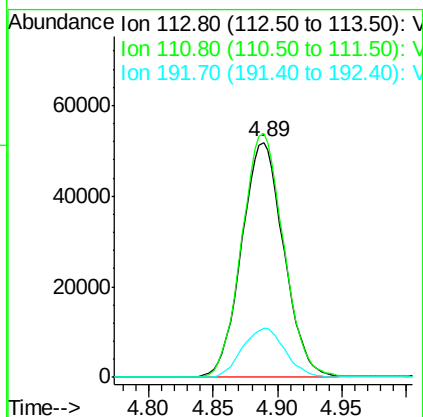
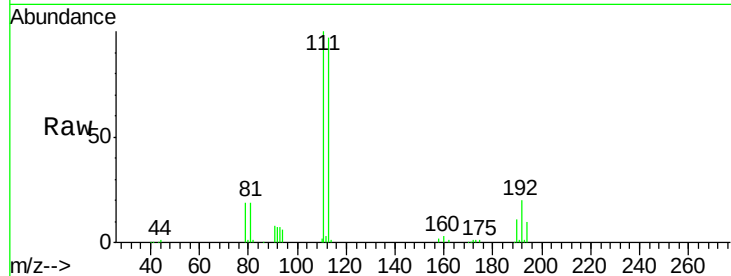




#35
 Dibromofluoromethane
 Concen: 47.55 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU024721.D
 Acq: 19 Jun 2018 04:20

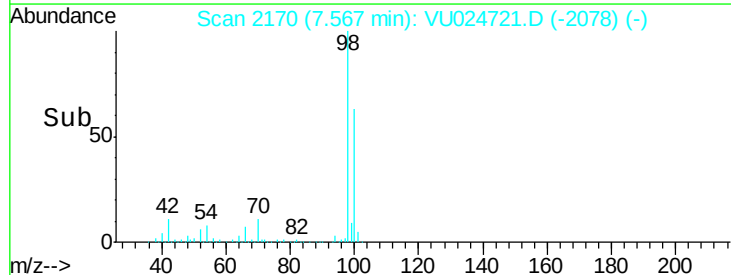
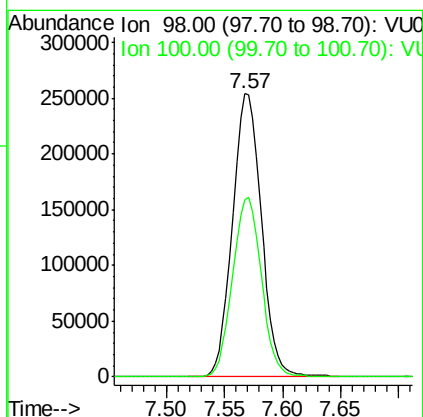
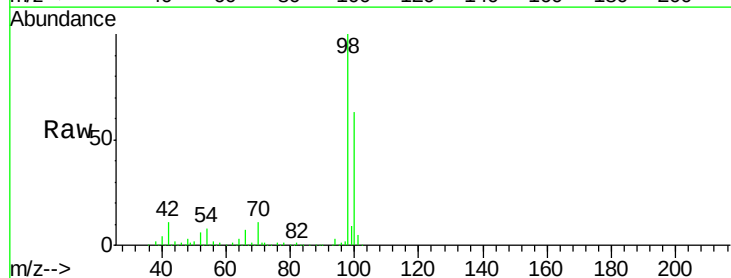
Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-0448-180613

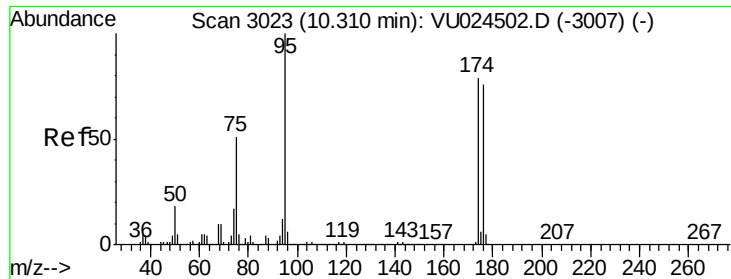
Tot Ion:113 Resp: 118251
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.2 123.4
 192 21.2 16.2 24.4



#50
 Toluene-d8
 Concen: 48.28 ug/l
 RT: 7.57 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VU024721.D
 Acq: 19 Jun 2018 04:20

Tgt Ion: 98 Resp: 437906
 Ion Ratio Lower Upper
 98 100
 100 63.4 51.1 76.7

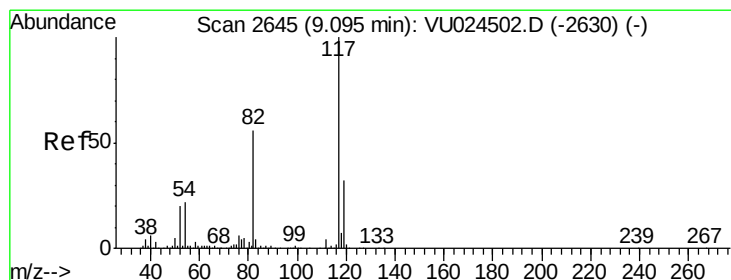
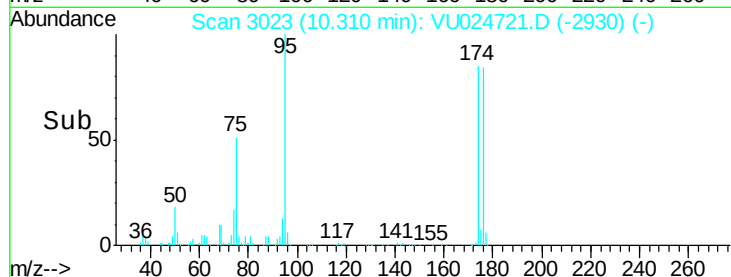
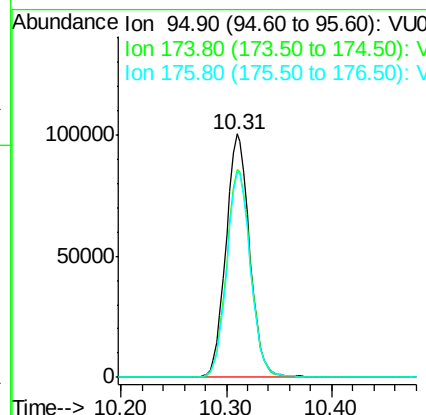
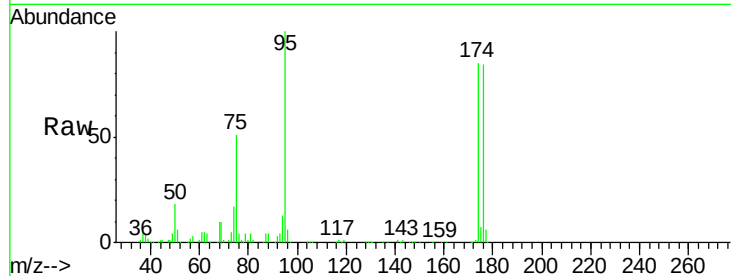




#62
4-Bromofluorobenzene
Concen: 43.36 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU024721.D
Acq: 19 Jun 2018 04:20

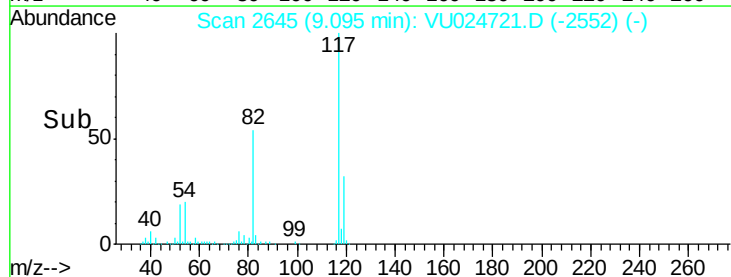
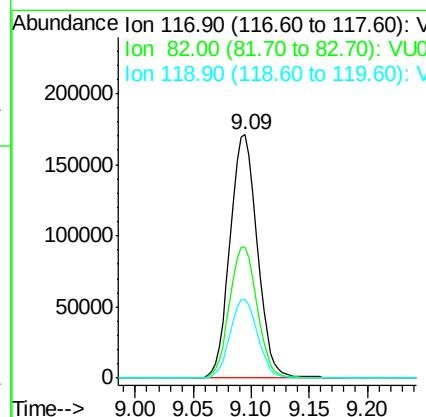
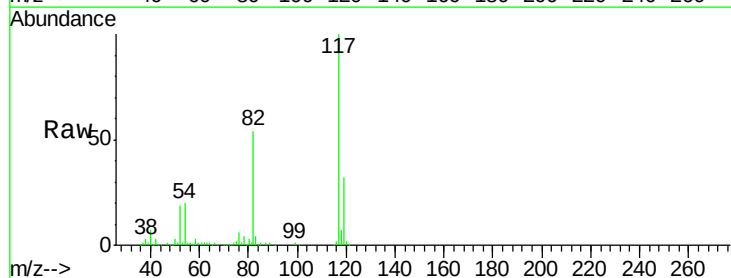
Instrument :
MSVOA_U
ClientSampleId :
DUP-0448-180613

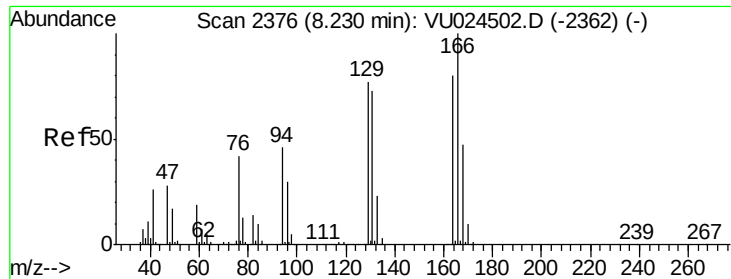
Tot Ion	95	Resp	156175
Ion Ratio	Lower	Upper	
95	100		
174	86.8	0.0	165.8
176	84.8	0.0	159.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU024721.D
Acq: 19 Jun 2018 04:20

Tgt Ion	117	Resp	278624
Ion Ratio	Lower	Upper	
117	100		
82	53.9	44.3	66.5
119	32.4	25.4	38.2





#64

Tetrachloroethene

Concen: 1.28 ug/l

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU024721.D

Acq: 19 Jun 2018 04:20

Instrument :

MSVOA_U

ClientSampleId :

DUP-0448-180613

Tot Ion:164 Resp: 3389

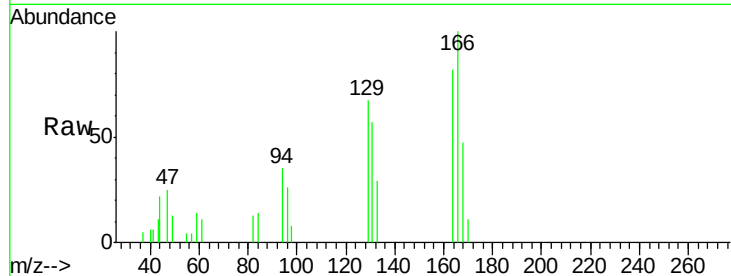
Ion Ratio Lower Upper

164 100

166 121.5 101.7 152.5

129 81.7 76.9 115.3

131 68.7 74.9 112.3#

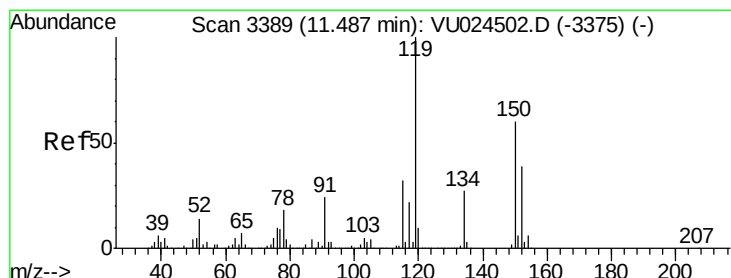
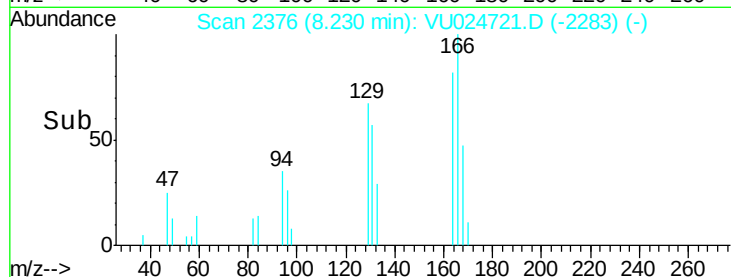
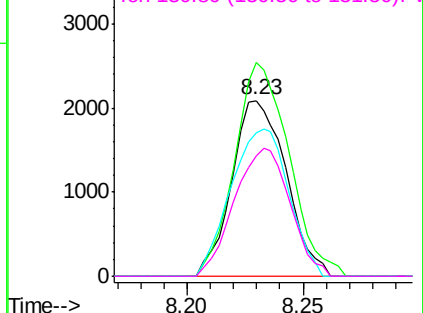


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VU024721.D

Acq: 19 Jun 2018 04:20

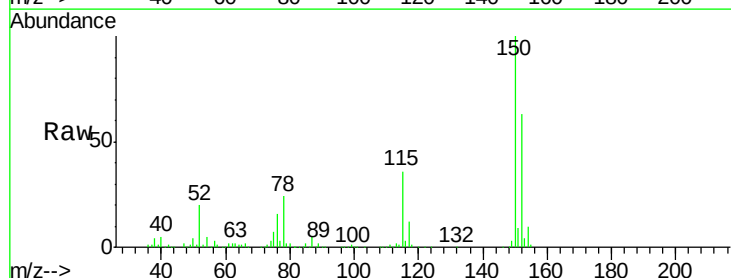
Tgt Ion:152 Resp: 149966

Ion Ratio Lower Upper

152 100

115 56.0 43.0 129.0

150 158.7 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

