

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
 Data File : VU024719.D
 Acq On : 19 Jun 2018 03:31
 Operator : MD/SY
 Sample : J3535-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SS039MW002-180613

Quant Time: Jun 19 08:04:38 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

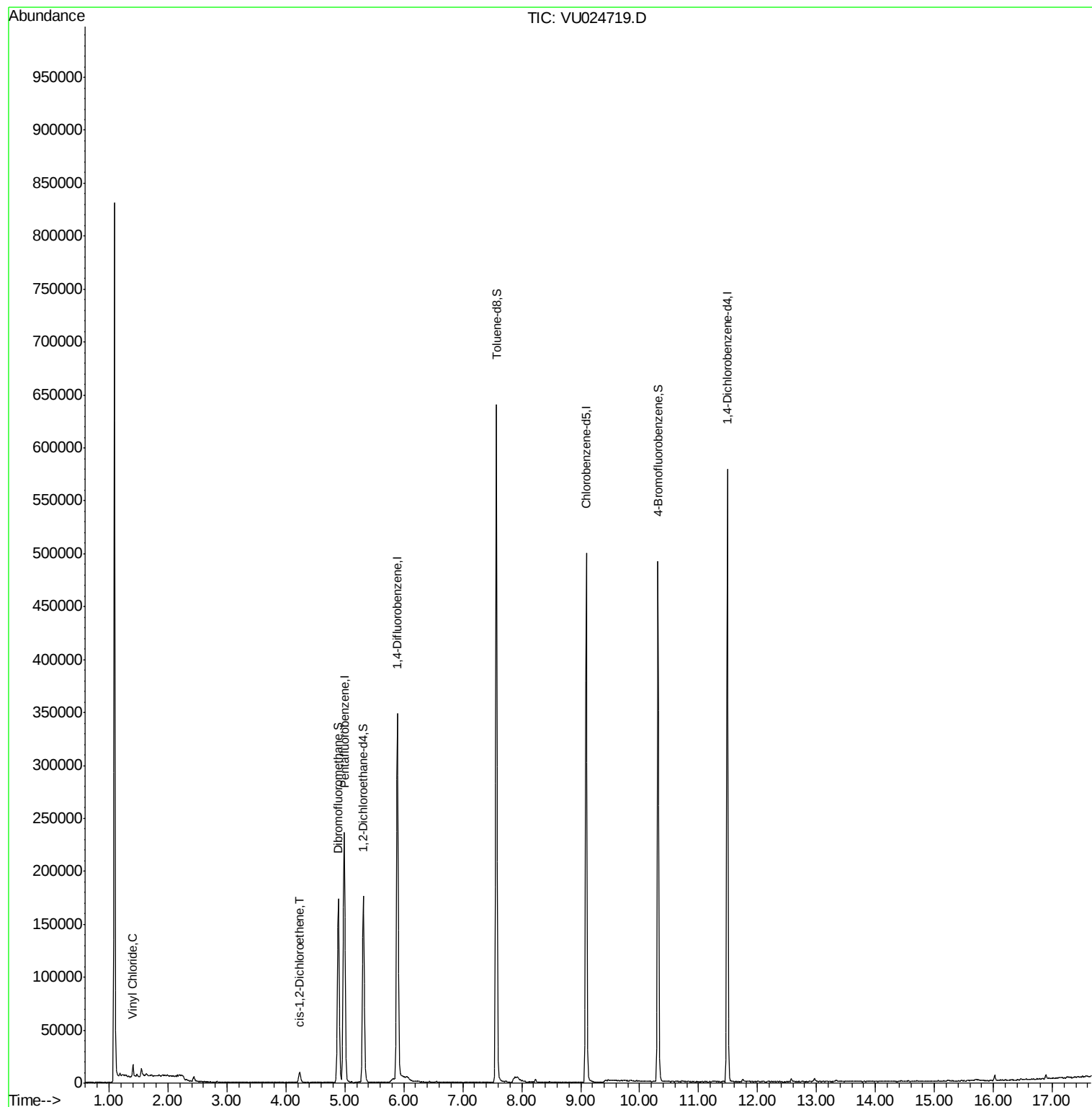
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	191211	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	298286	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	278604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	148548	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	134034	42.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.88%	
35) Dibromofluoromethane	4.89	113	117072	47.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.58%	
50) Toluene-d8	7.57	98	434480	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	
62) 4-Bromofluorobenzene	10.31	95	155436	43.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.72%	
Target Compounds						
4) Vinyl Chloride	1.40	62	6779	2.69	ug/l	95
27) cis-1,2-Dichloroethene	4.23	96	6159	2.23	ug/l	84

(#) = 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: VU024719.D

Acq: 19 Jun 2018 03:31

Instrument :

MSVOA_U

ClientSampleId :

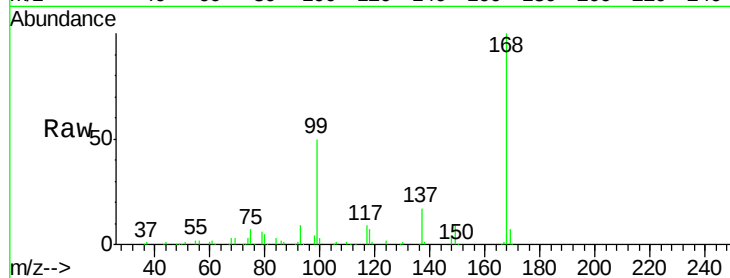
SS039MW002-180613

Tot Ion:168 Resp: 191211

Ion Ratio Lower Upper

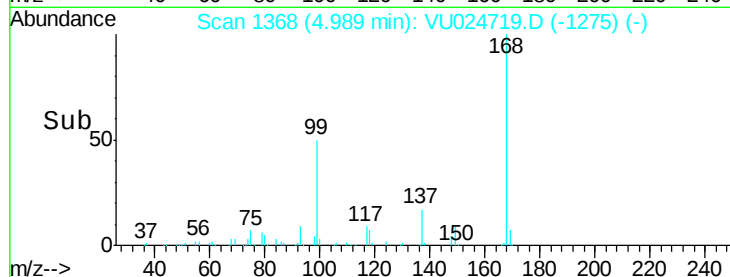
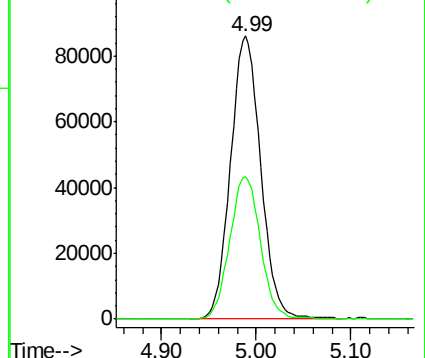
168 100

99 50.4 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024719.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU024719.D (-1275) (-)



#4

Vinyl Chloride

Concen: 2.69 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024719.D

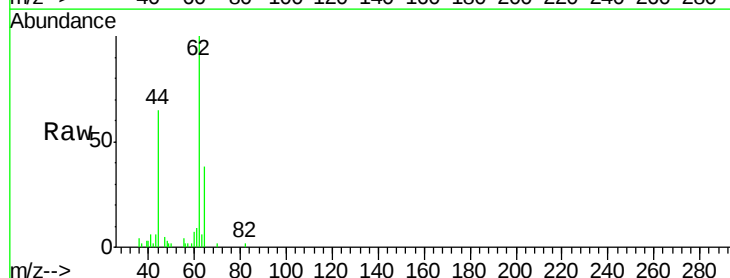
Acq: 19 Jun 2018 03:31

Tgt Ion: 62 Resp: 6779

Ion Ratio Lower Upper

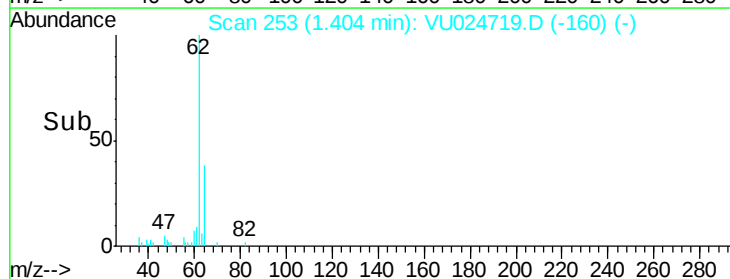
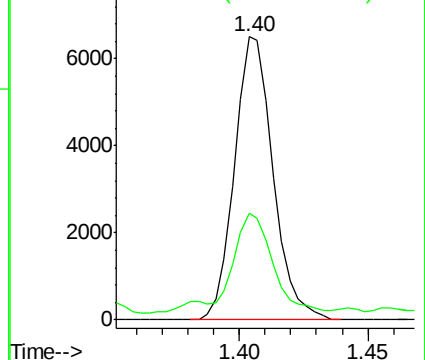
62 100

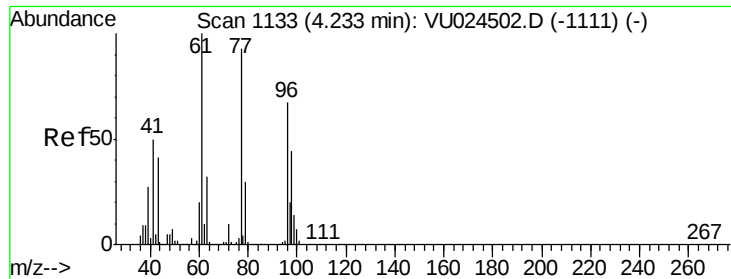
64 33.7 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU024719.D (-160) (-)

Ion 63.90 (63.60 to 64.60): VU024719.D (-160) (-)





#27

cis-1,2-Dichloroethene

Concen: 2.23 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU024719.D

Acq: 19 Jun 2018 03:31

Instrument :

MSVOA_U

ClientSampleId :

SS039MW002-180613

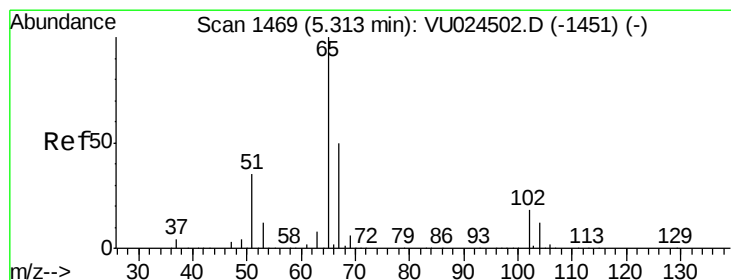
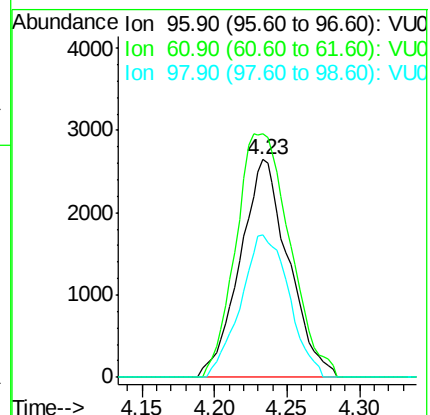
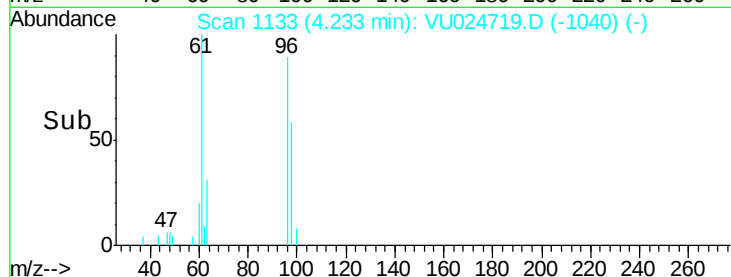
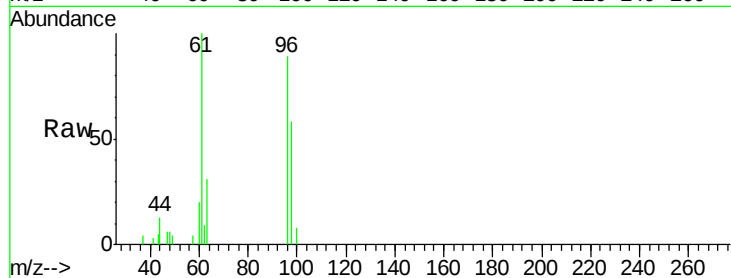
Tot Ion: 96 Resp: 6159

Ion Ratio Lower Upper

96 100

61 124.3 0.0 306.6

98 64.9 0.0 128.8



#33

1,2-Dichloroethane-d4

Concen: 42.94 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU024719.D

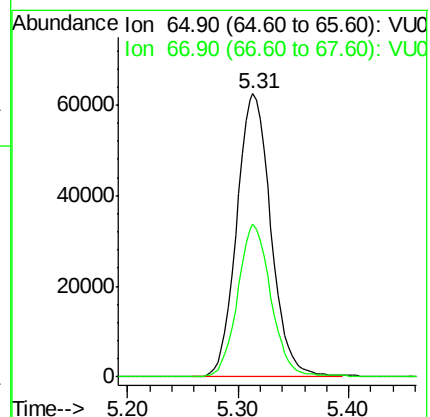
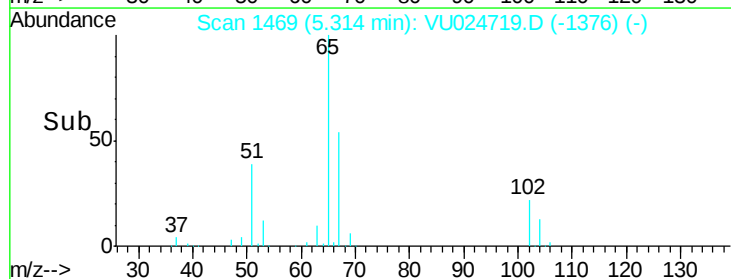
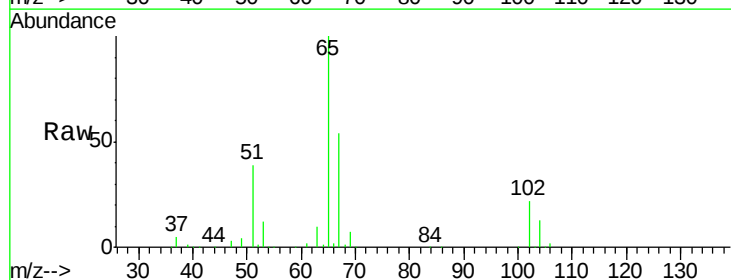
Acq: 19 Jun 2018 03:31

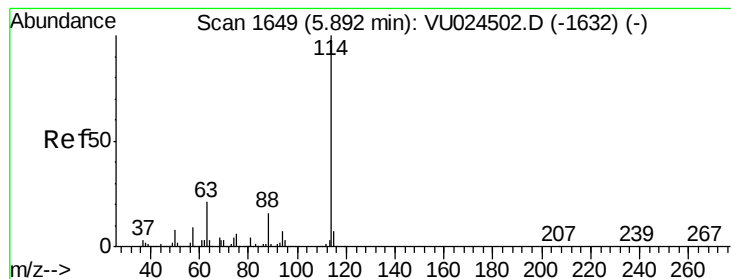
Tgt Ion: 65 Resp: 134034

Ion Ratio Lower Upper

65 100

67 52.3 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: VU024719.D

Acq: 19 Jun 2018 03:31

Instrument :

MSVOA_U

ClientSampleId :

SS039MW002-180613

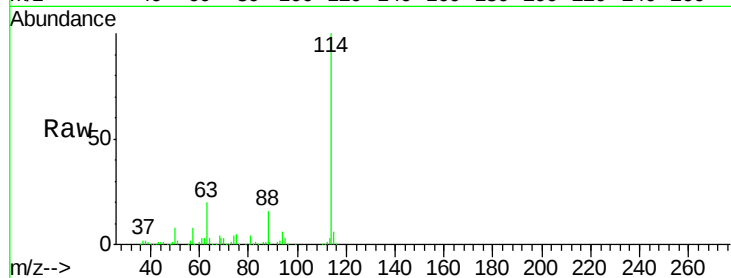
Tot Ion:114 Resp: 298286

Ion Ratio Lower Upper

114 100

63 20.1 0.0 45.4

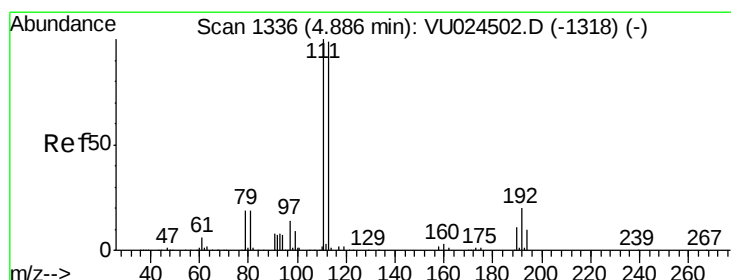
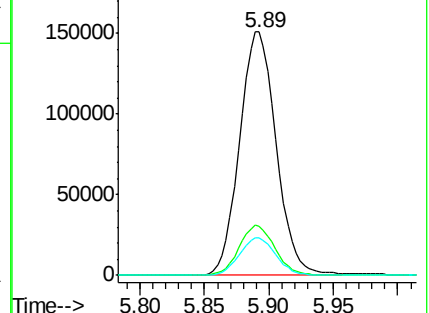
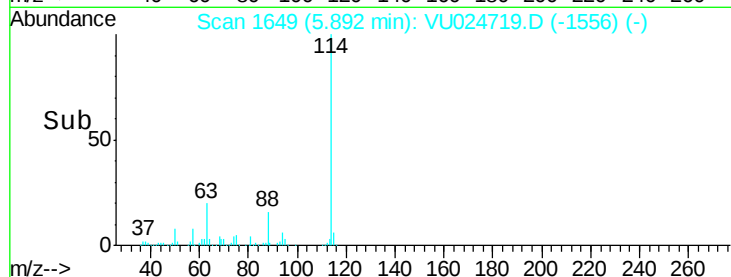
88 15.6 0.0 31.0



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: 47.29 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024719.D

Acq: 19 Jun 2018 03:31

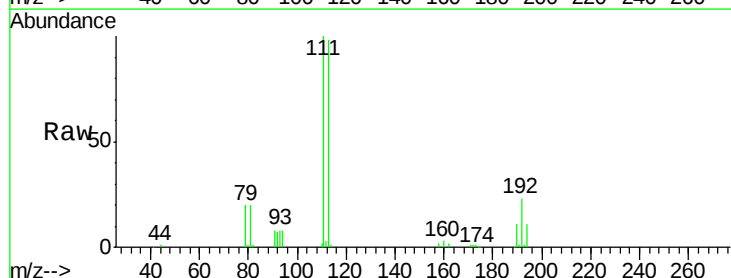
Tgt Ion:113 Resp: 117072

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

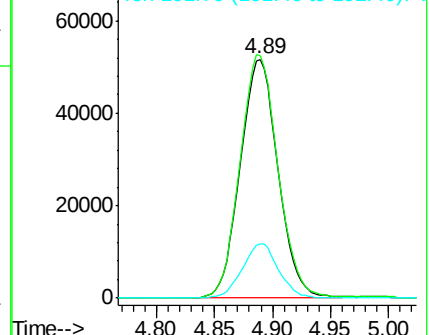
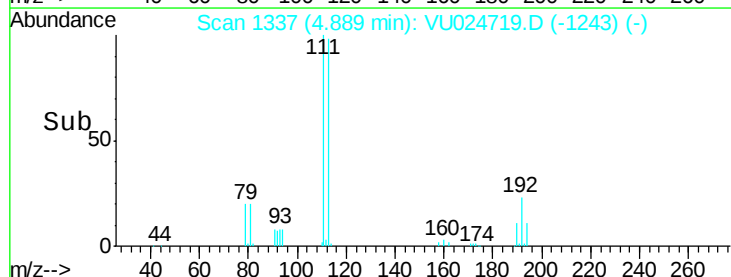
192 21.9 16.2 24.4



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: 48.12 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. 0.00 min

Lab File: VU024719.D

Acq: 19 Jun 2018 03:31

Instrument :

MSVOA_U

ClientSampleId :

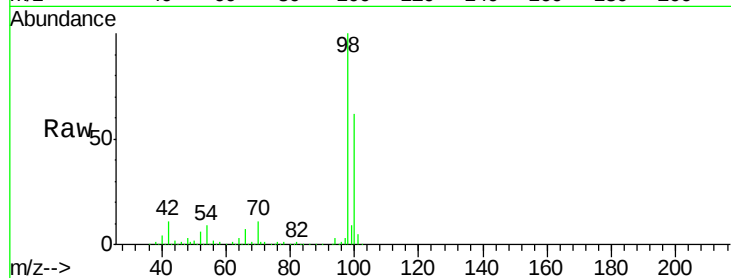
SS039MW002-180613

Tot Ion: 98 Resp: 434480

Ion Ratio Lower Upper

98 100

100 62.9 51.1 76.7



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

Ion 100.00 (99.70 to 100.70): VU024502.D (-2156) (-)

7.57

250000

200000

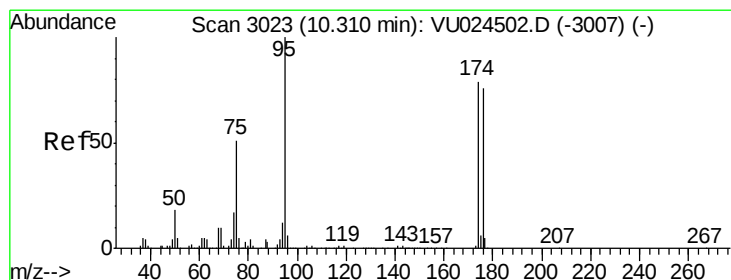
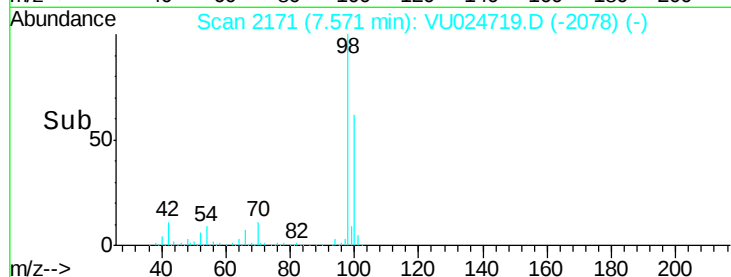
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.36 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024719.D

Acq: 19 Jun 2018 03:31

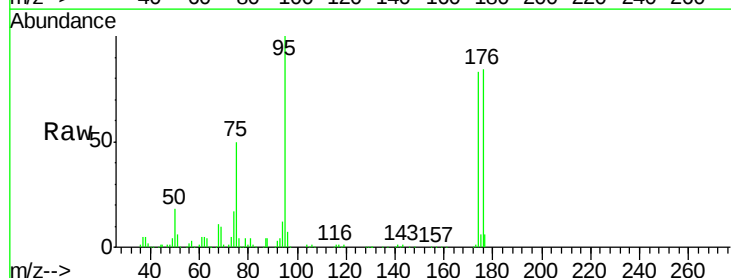
Tgt Ion: 95 Resp: 155436

Ion Ratio Lower Upper

95 100

174 86.2 0.0 165.8

176 84.9 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) (-)

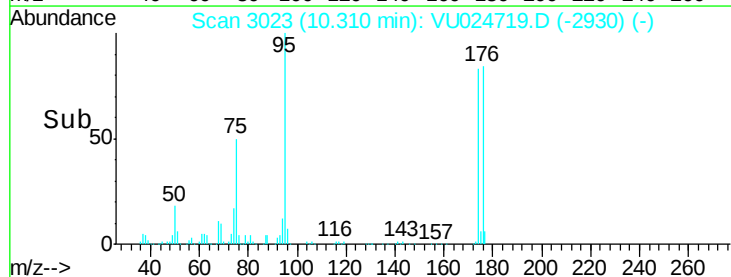
10.31

100000

50000

0

Time-->

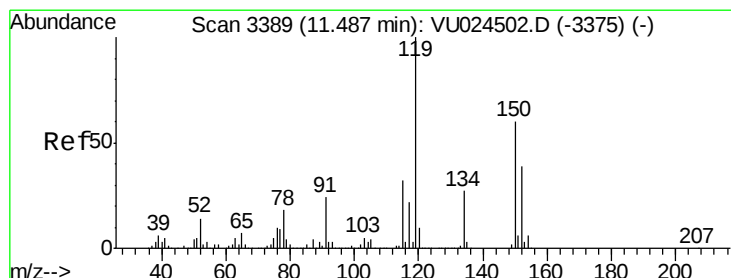
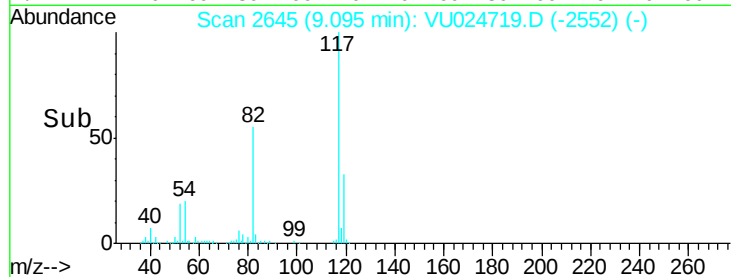
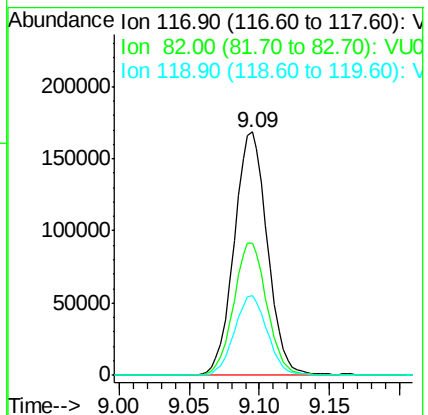
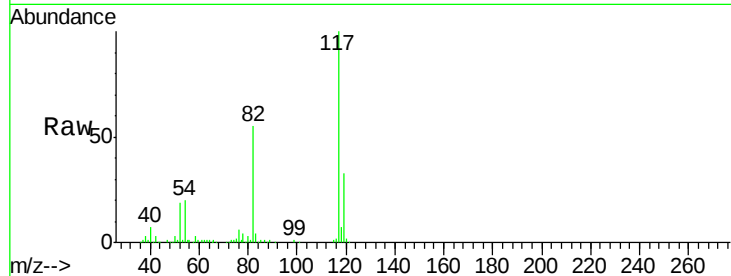




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU024719.D
Acq: 19 Jun 2018 03:31

Instrument :
MSVOA_U
ClientSampleId :
SS039MW002-180613

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	44.3	66.5
119	32.6	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU024719.D
Acq: 19 Jun 2018 03:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.0	43.0	129.0
150	156.7	0.0	354.0

