

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070718\
 Data File : VU025259.D
 Acq On : 06 Jul 2018 22:56
 Operator : MD/SY
 Sample : J3842-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S10-0150

Quant Time: Jul 07 00:50:07 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

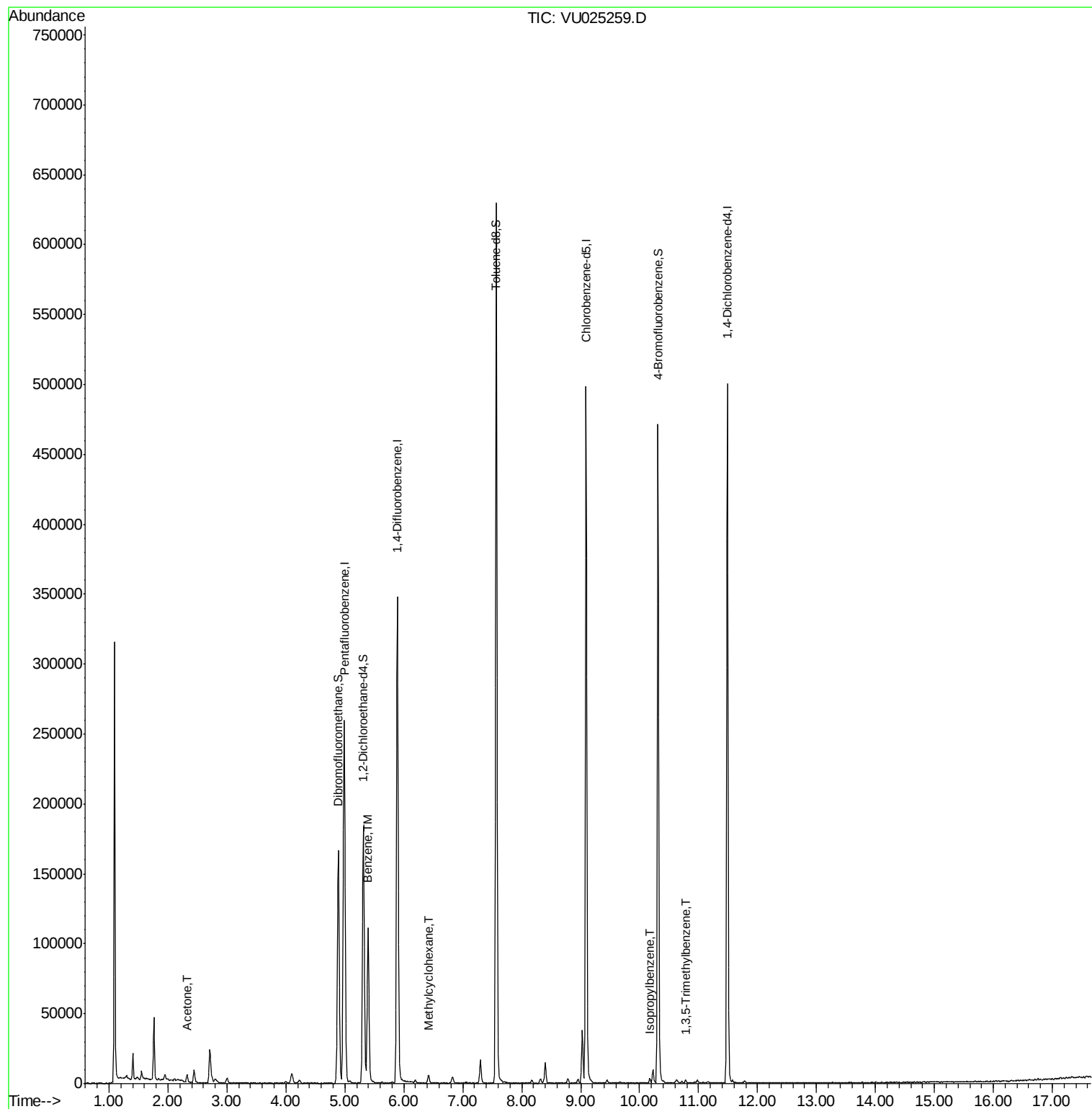
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	197970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	294060	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	275418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	135690	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	150241	46.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.98%	
35) Dibromofluoromethane	4.89	113	113242	46.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.80%	
50) Toluene-d8	7.57	98	424931	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.48%	
62) 4-Bromofluorobenzene	10.31	95	152749	43.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.44%	
Target Compounds						
16) Acetone	2.32	43	6315	3.637	ug/l	94
39) Methylcyclohexane	6.42	83	2539	0.589	ug/l #	80
40) Benzene	5.39	78	108713	11.041	ug/l	100
73) Isopropylbenzene	10.17	105	2660	0.255	ug/l	93
80) 1,3,5-Trimethylbenzene	10.77	105	1812	0.201	ug/l	93

(#) = 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: VU025259.D

Acq: 06 Jul 2018 22:56

Instrument :

MSVOA_U

ClientSampleId :

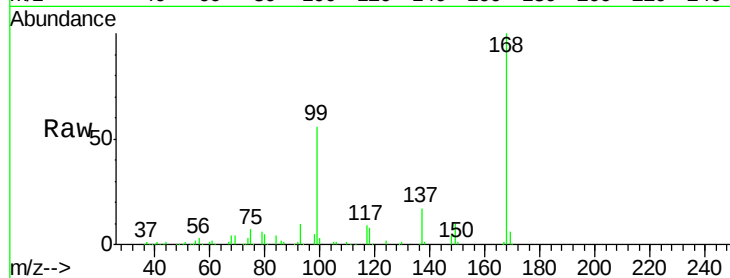
S10-0150

Tot Ion:168 Resp: 197970

Ion Ratio Lower Upper

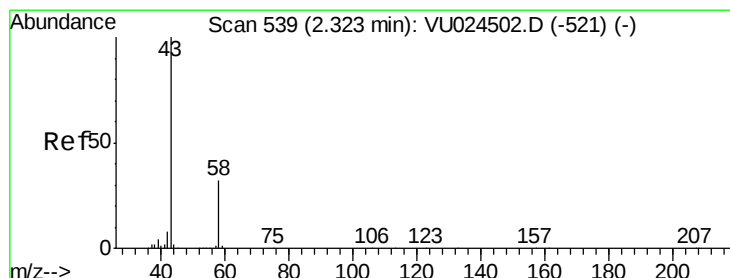
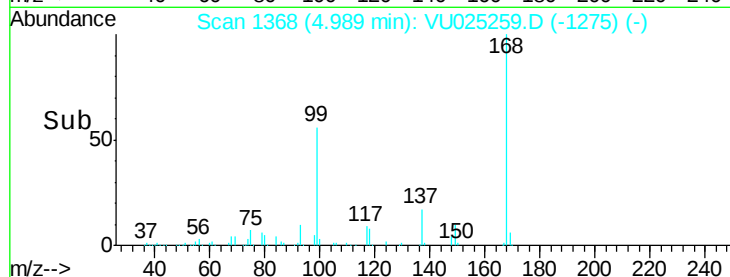
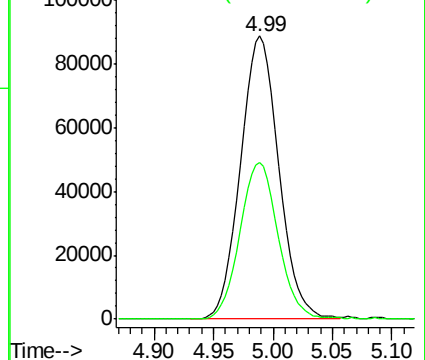
168 100

99 55.5 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU025259.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU025259.D (-1275) (-)



#16

Acetone

Concen: 3.637 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025259.D

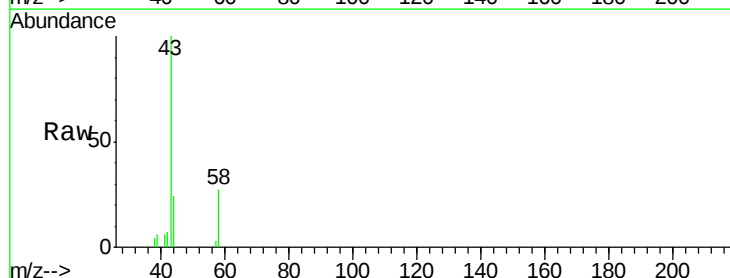
Acq: 06 Jul 2018 22:56

Tgt Ion: 43 Resp: 6315

Ion Ratio Lower Upper

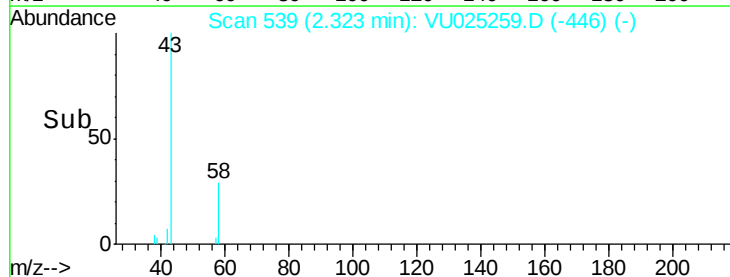
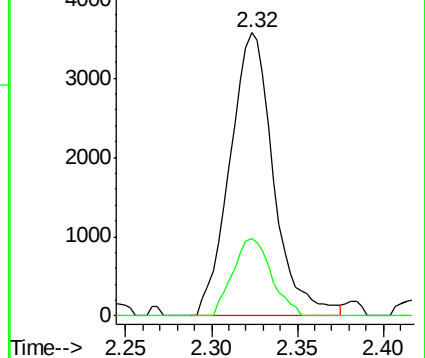
43 100

58 27.3 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU025259.D (-446) (-)

Ion 58.00 (57.70 to 58.70): VU025259.D (-446) (-)

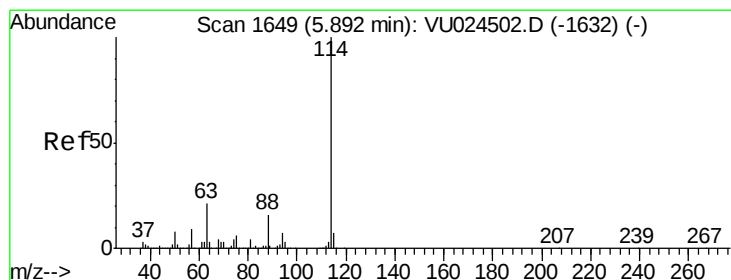
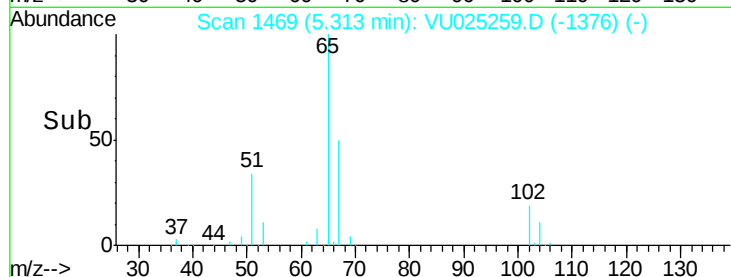
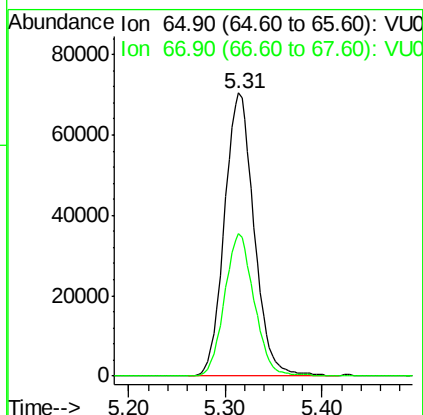
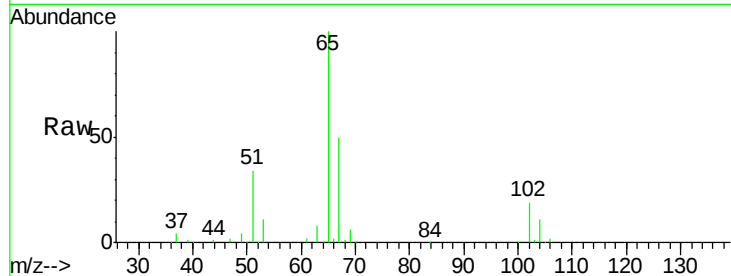




#33
 1,2-Dichloroethane-d4
 Concen: 46.487 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025259.D
 Acq: 06 Jul 2018 22:56

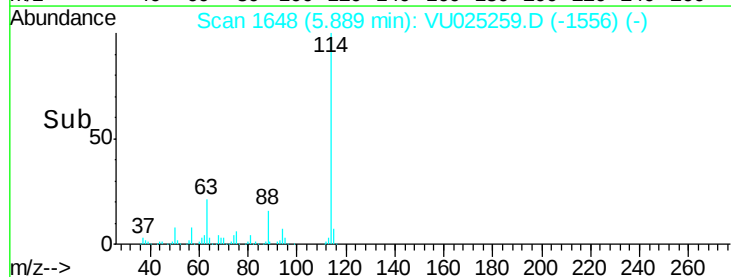
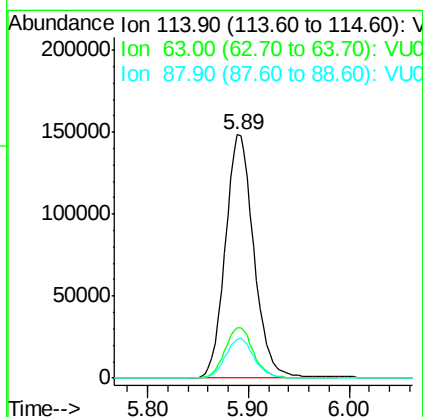
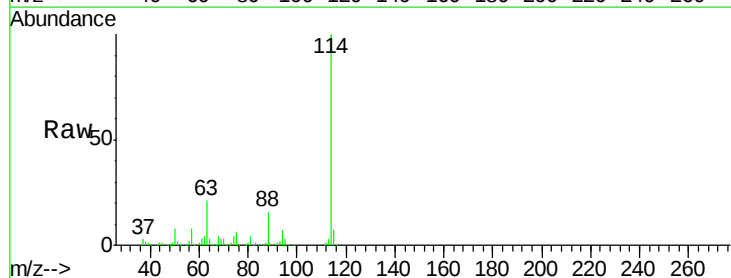
Instrument :
 MSVOA_U
 ClientSampleId :
 S10-0150

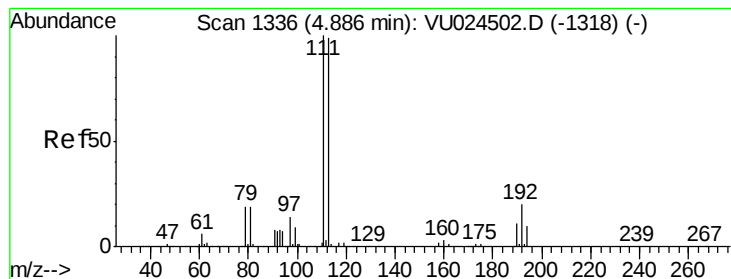
Tot Ion: 65 Resp: 150241
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025259.D
 Acq: 06 Jul 2018 22:56

Tgt Ion: 114 Resp: 294060
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 45.4
 88 16.2 0.0 31.0





#35

Dibromofluoromethane

Concen: 46.402 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025259.D

Acq: 06 Jul 2018 22:56

Instrument :

MSVOA_U

ClientSampleId :

S10-0150

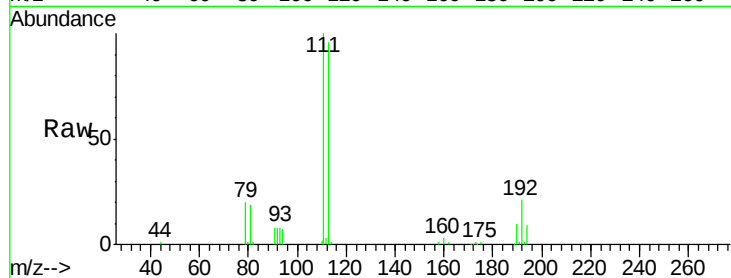
Tot Ion:113 Resp: 113242

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.4

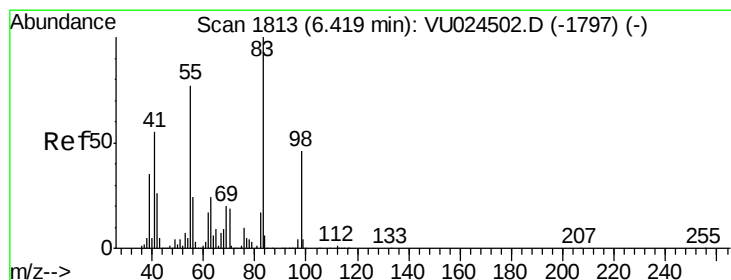
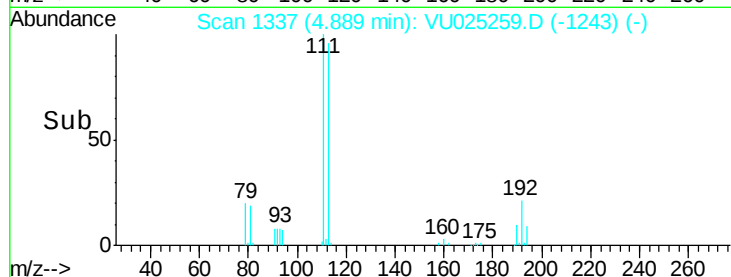
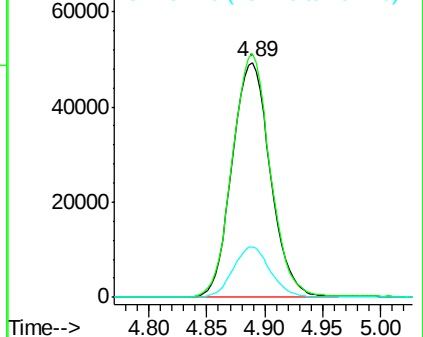
192 20.9 16.2 24.4



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



#39

Methylcyclohexane

Concen: 0.589 ug/l

RT: 6.42 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VU025259.D

Acq: 06 Jul 2018 22:56

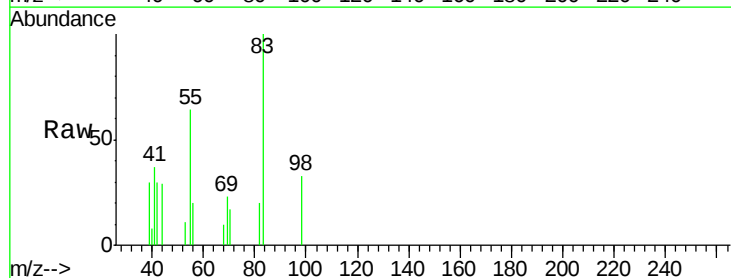
Tgt Ion: 83 Resp: 2539

Ion Ratio Lower Upper

83 100

55 64.1 65.8 98.6#

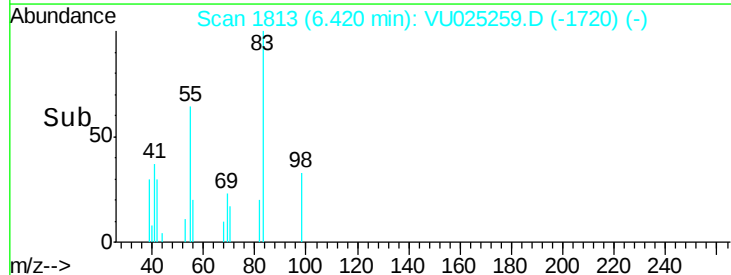
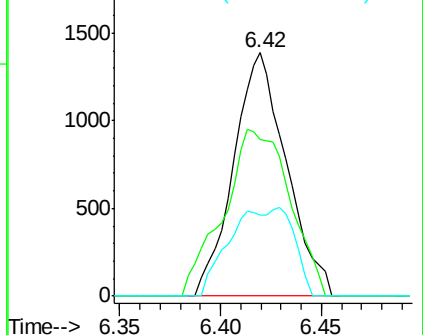
98 33.3 36.7 55.1#

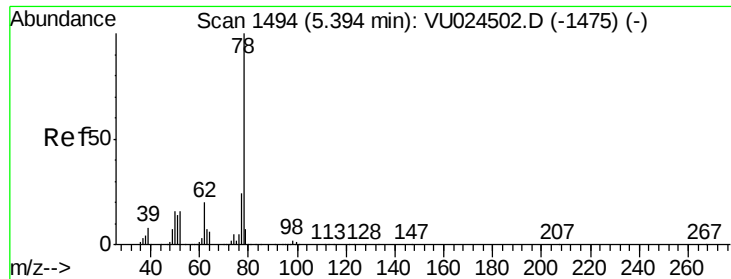


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#40

Benzene

Concen: 11.041 ug/l

RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

Lab File: VU025259.D

Acq: 06 Jul 2018 22:56

Instrument :

MSVOA_U

ClientSampleId :

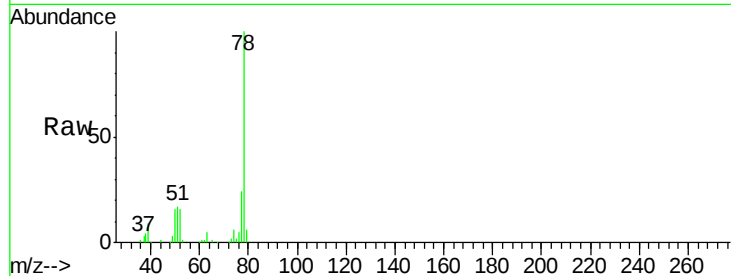
S10-0150

Tot Ion: 78 Resp: 108713

Ion Ratio Lower Upper

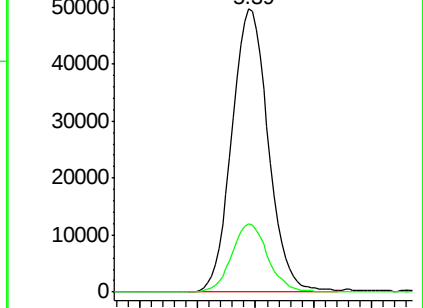
78 100

77 24.1 19.2 28.8

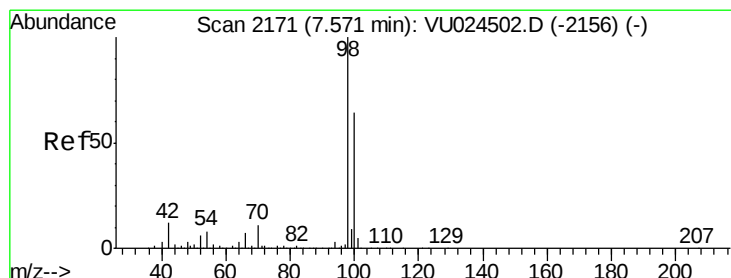
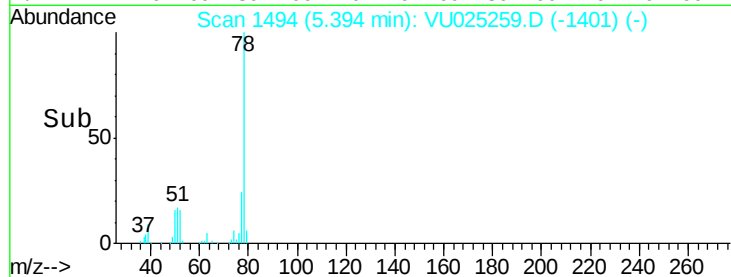


Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



Time--> 5.30 5.35 5.40 5.45 5.50



#50

Toluene-d8

Concen: 47.735 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. 0.00 min

Lab File: VU025259.D

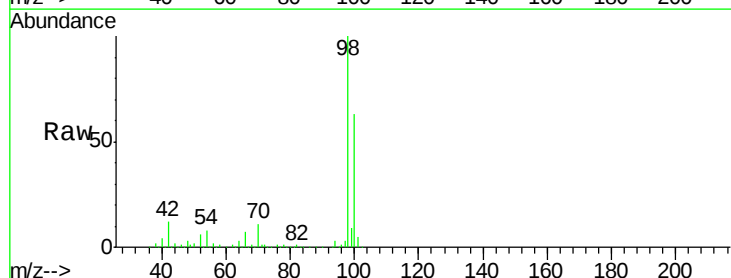
Acq: 06 Jul 2018 22:56

Tgt Ion: 98 Resp: 424931

Ion Ratio Lower Upper

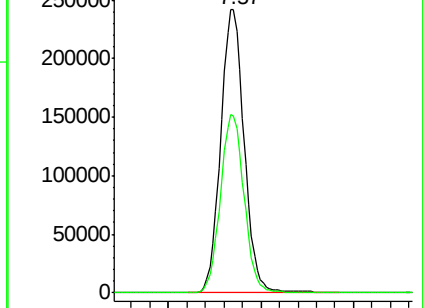
98 100

100 63.4 51.1 76.7

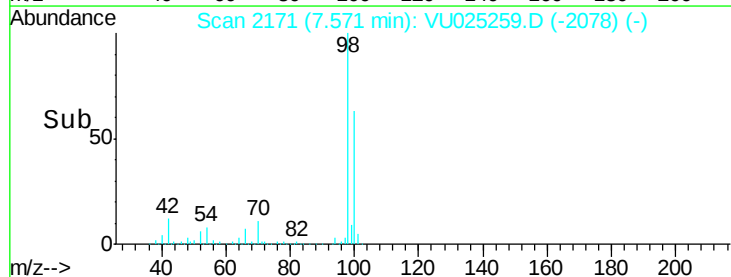


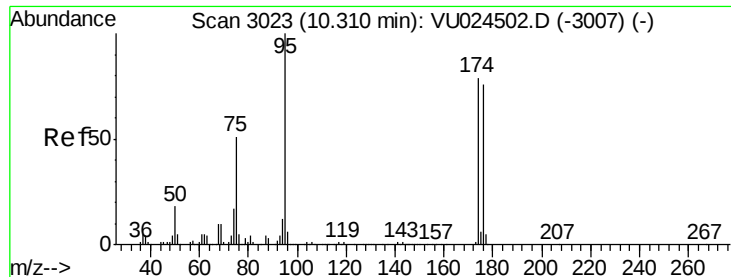
Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0



Time--> 7.50 7.60 7.70





#62

4-Bromofluorobenzene

Concen: 43.218 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025259.D

Acq: 06 Jul 2018 22:56

Instrument :

MSVOA_U

ClientSampleId :

S10-0150

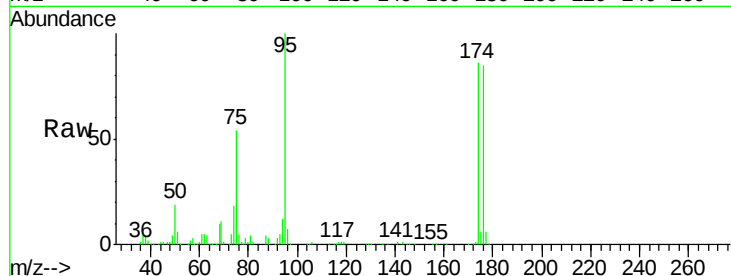
Tot Ion: 95 Resp: 152749

Ion Ratio Lower Upper

95 100

174 85.2 0.0 165.8

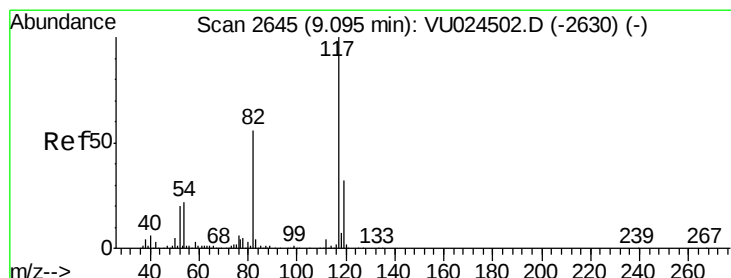
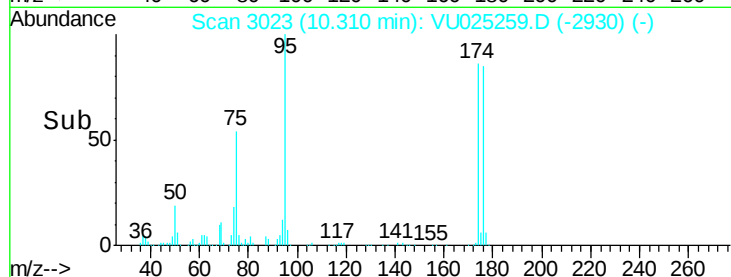
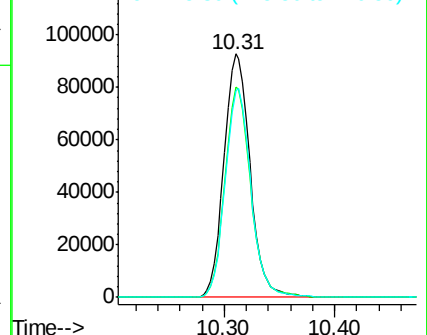
176 84.7 0.0 159.4



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: 50.000 ug/l

RT: 9.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VU025259.D

Acq: 06 Jul 2018 22:56

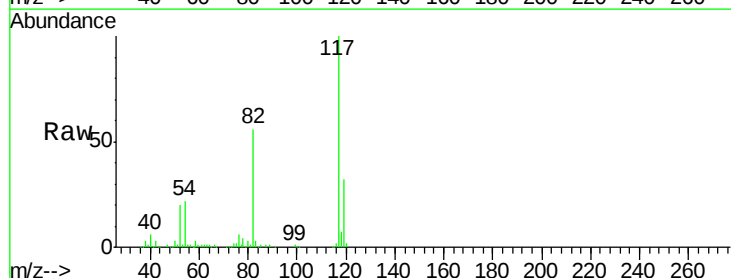
Tgt Ion: 117 Resp: 275418

Ion Ratio Lower Upper

117 100

82 56.4 44.3 66.5

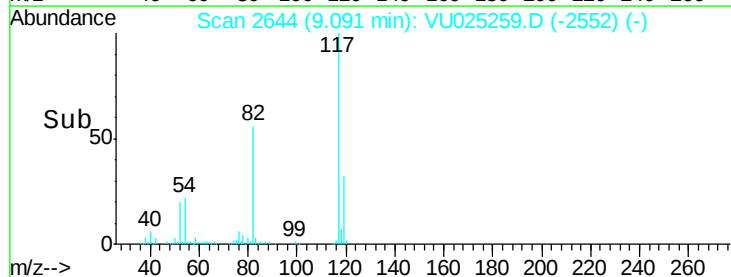
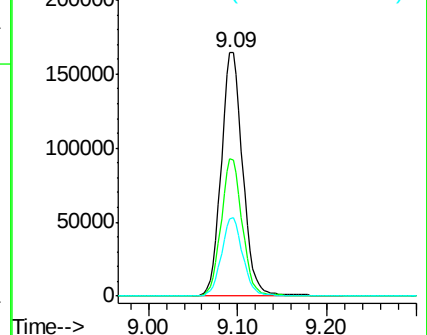
119 32.0 25.4 38.2

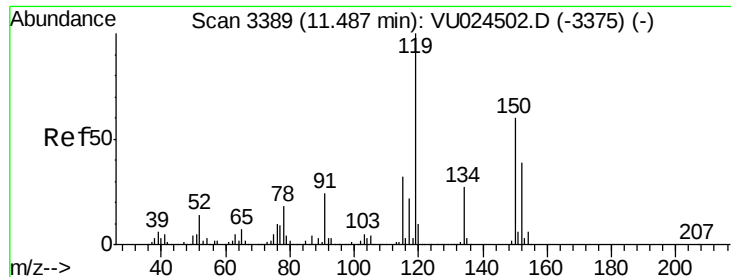


Abundance Ion 116.90 (116.60 to 117.60): VU024502.D (-2630) (-)

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

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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025259.D

Acq: 06 Jul 2018 22:56

Instrument :

MSVOA_U

ClientSampleId :

S10-0150

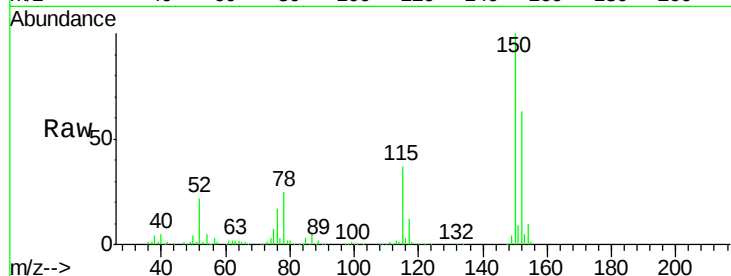
Tot Ion:152 Resp: 135690

Ion Ratio Lower Upper

152 100

115 57.3 43.0 129.0

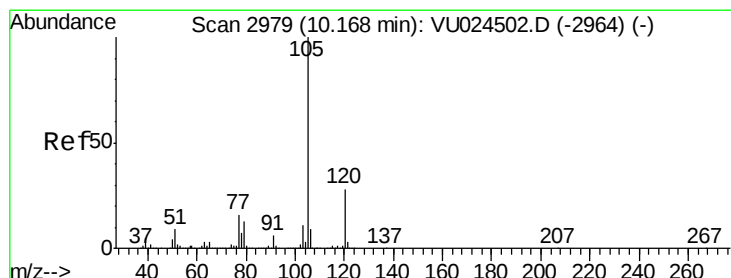
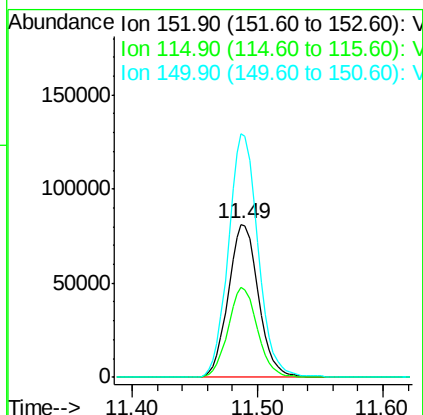
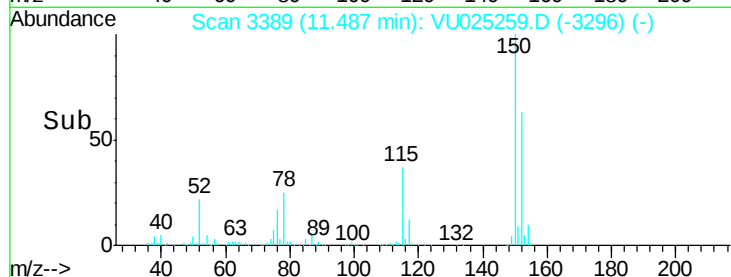
150 156.1 0.0 354.0



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



#73

Isopropylbenzene

Concen: 0.255 ug/l

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU025259.D

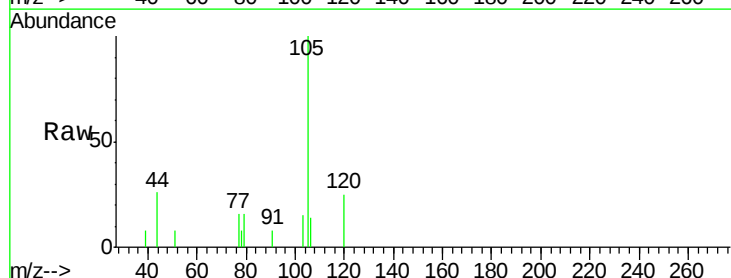
Acq: 06 Jul 2018 22:56

Tgt Ion:105 Resp: 2660

Ion Ratio Lower Upper

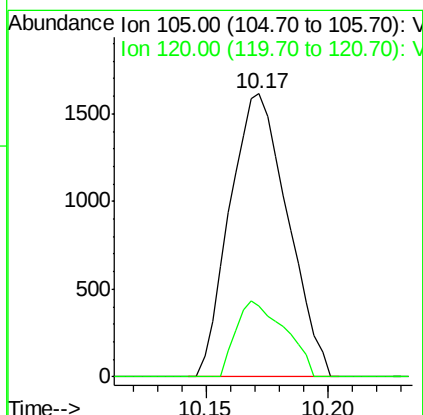
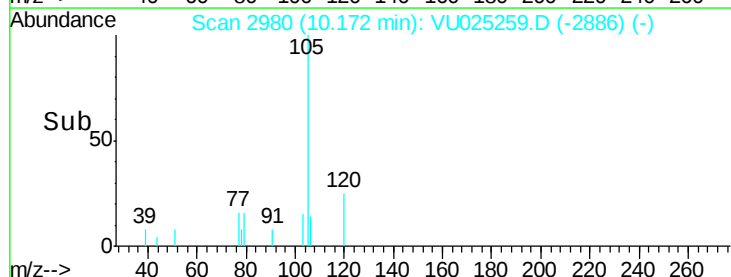
105 100

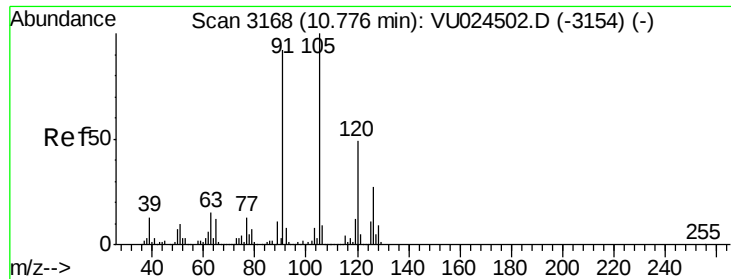
120 22.7 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 0.201 ug/l

RT: 10.77 min Scan# 3167

Delta R.T. -0.00 min

Lab File: VU025259.D

Acq: 06 Jul 2018 22:56

Instrument :

MSVOA_U

ClientSampleId :

S10-0150

Tot Ion:105 Resp: 1812

Ion Ratio Lower Upper

105 100

120 43.3 24.1 72.2

