

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080618\
 Data File : VU025927.D
 Acq On : 07 Aug 2018 08:08
 Operator : MD/SY
 Sample : J4344-16
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0539

Quant Time: Aug 07 09:12:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 00:49:55 2018
 Response via : Initial Calibration

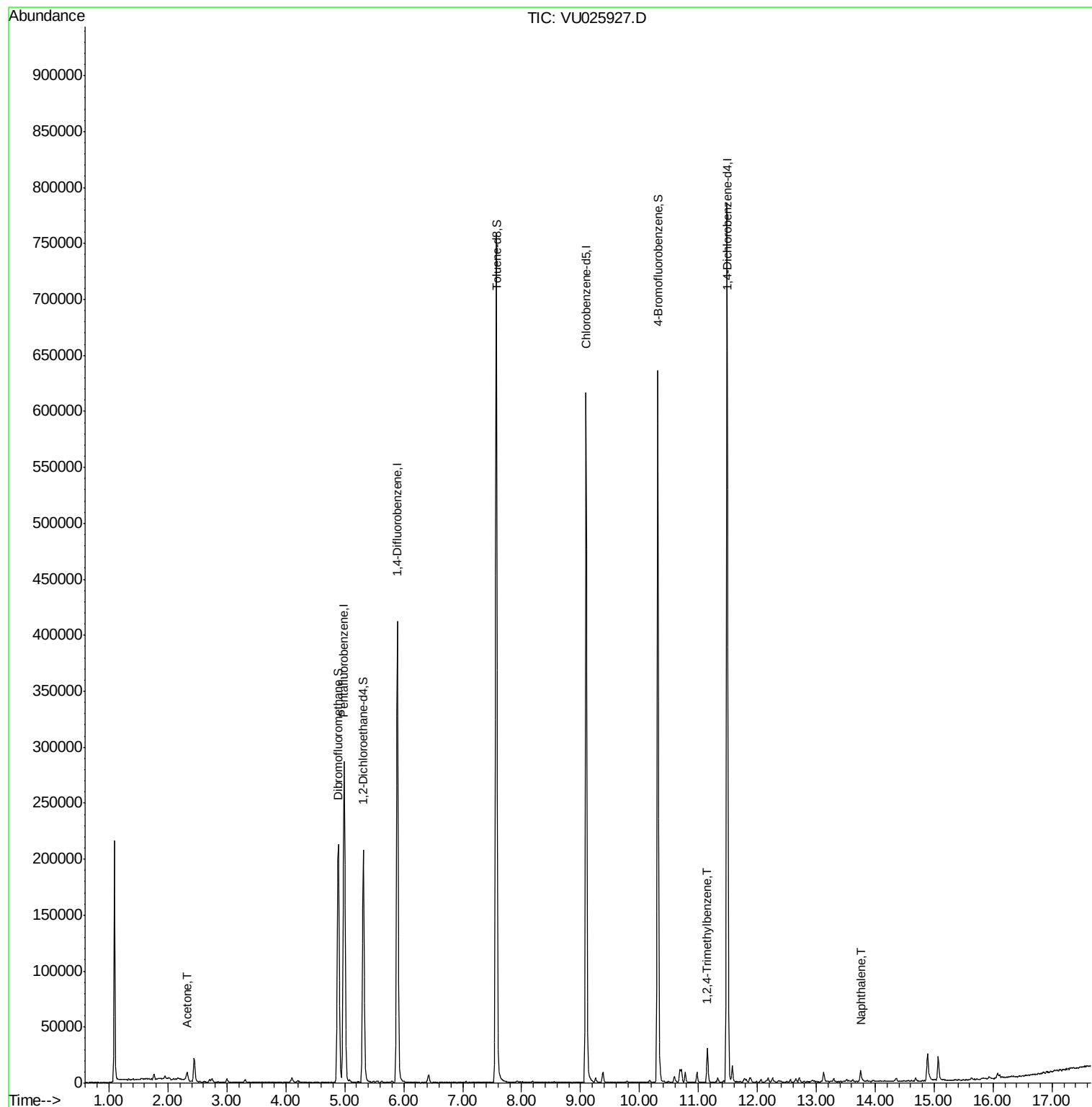
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	225321	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	362379	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	353473	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	217108	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	169026	48.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.30%	
35) Dibromofluoromethane	4.89	113	145024	46.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.02%	
50) Toluene-d8	7.57	98	527844	47.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.72%	
62) 4-Bromofluorobenzene	10.31	95	206401	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.42%	
Target Compounds						
16) Acetone	2.32	43	6625	3.87	ug/l	# 88
84) 1,2,4-Trimethylbenzene	11.15	105	16942	1.33	ug/l	98
95) Naphthalene	13.75	128	9672	1.84	ug/l	99

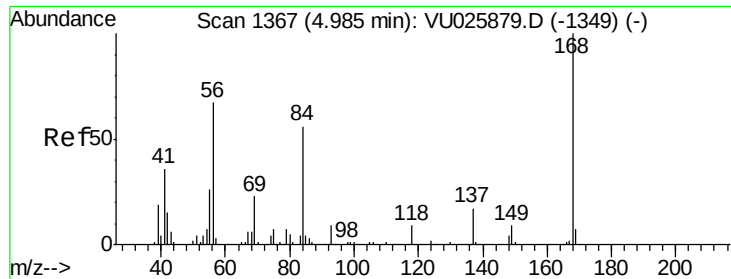
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU025927.D

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ClientSampleId :

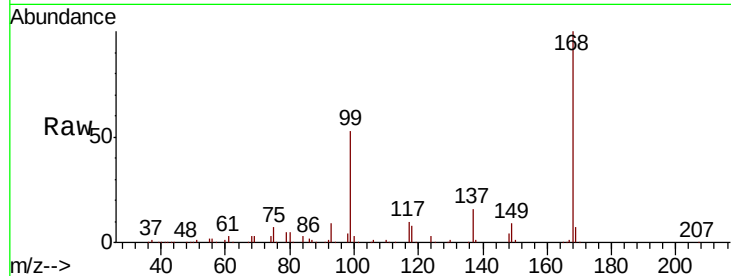
FL-0539

Tot Ion:168 Resp: 225321

Ion Ratio Lower Upper

168 100

99 52.9 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025879.D (-1349) (-)

Ion 98.90 (98.60 to 99.60): VU025879.D (-1349) (-)

4.99

100000

80000

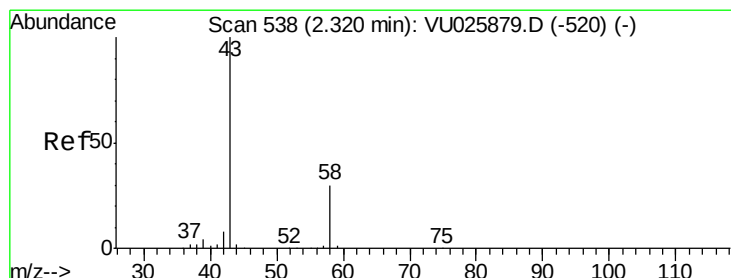
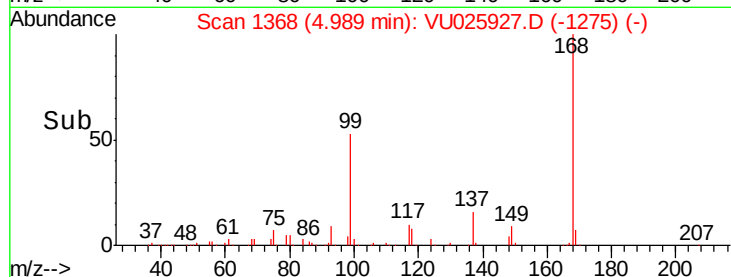
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 3.87 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025927.D

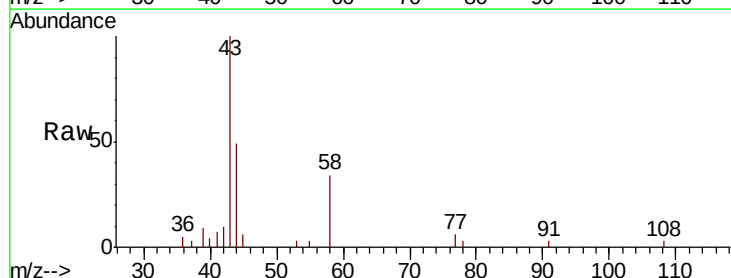
Acq: 07 Aug 2018 08:08

Tgt Ion: 43 Resp: 6625

Ion Ratio Lower Upper

43 100

58 35.2 23.1 34.7#



Abundance Ion 43.00 (42.70 to 43.70): VU025879.D (-520) (-)

Ion 58.00 (57.70 to 58.70): VU025879.D (-520) (-)

2.32

4000

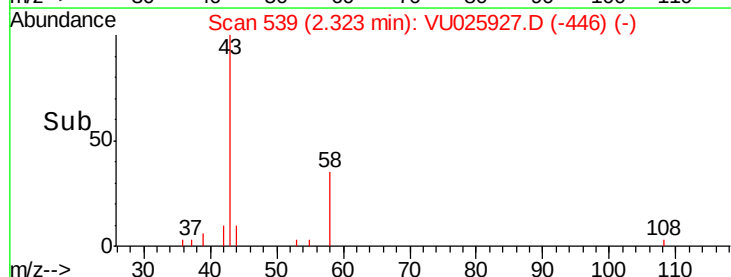
3000

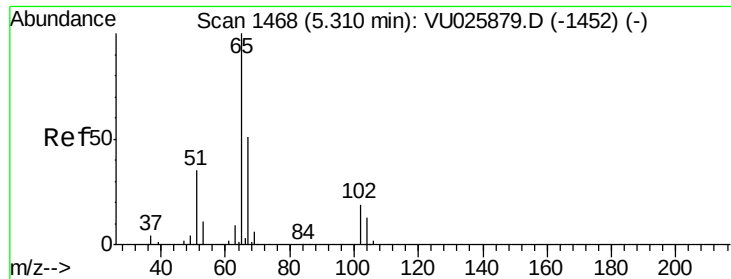
2000

1000

0

Time-->

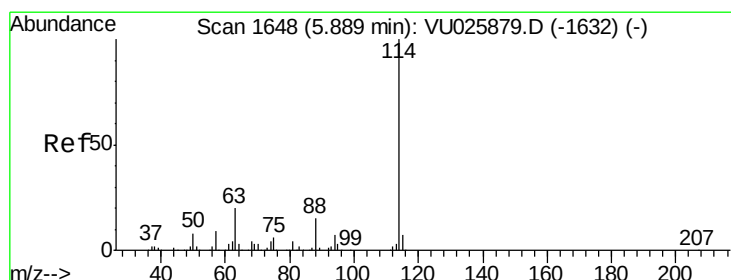
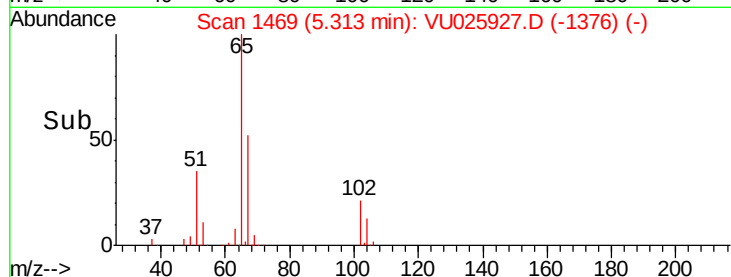
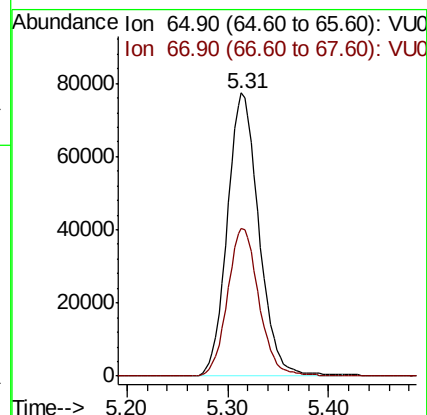
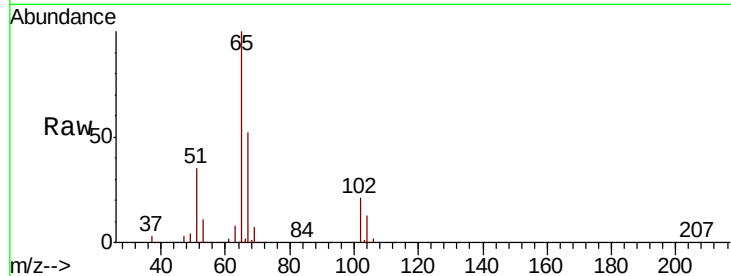




#33
 1,2-Dichloroethane-d4
 Concen: 48.15 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025927.D
 Acq: 07 Aug 2018 08:08

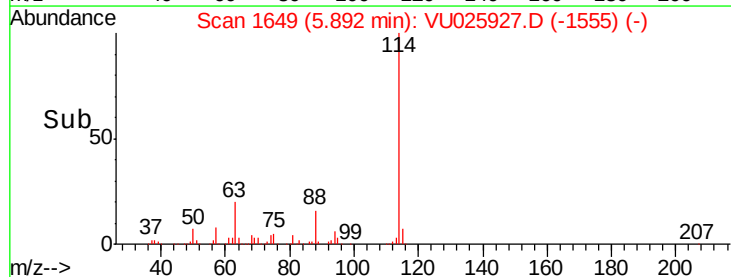
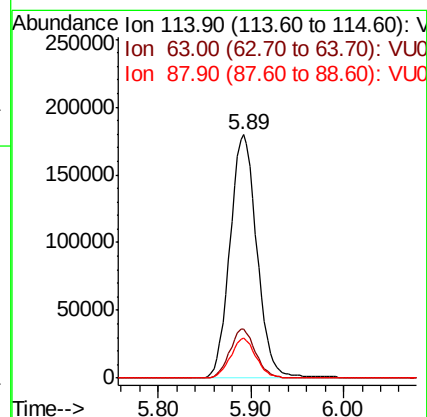
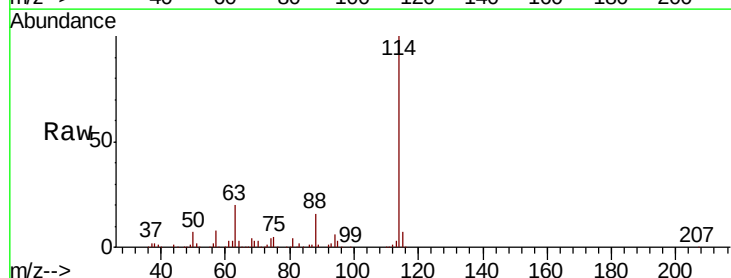
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0539

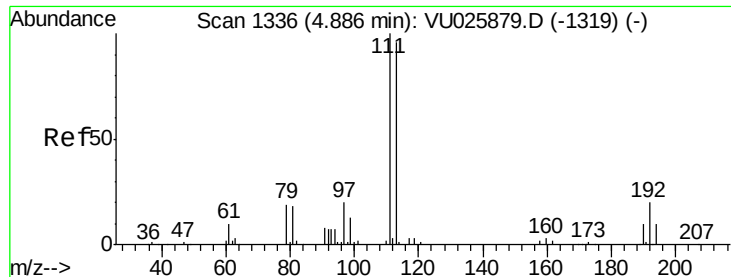
Tot Ion: 65 Resp: 169026
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025927.D
 Acq: 07 Aug 2018 08:08

Tgt Ion: 114 Resp: 362379
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 41.6
 88 16.2 0.0 32.4

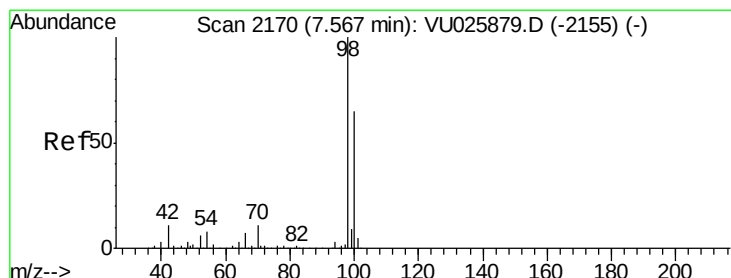
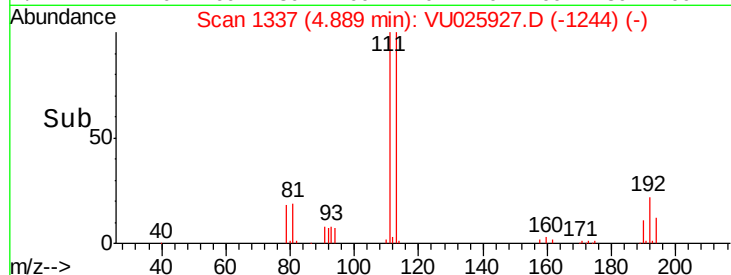
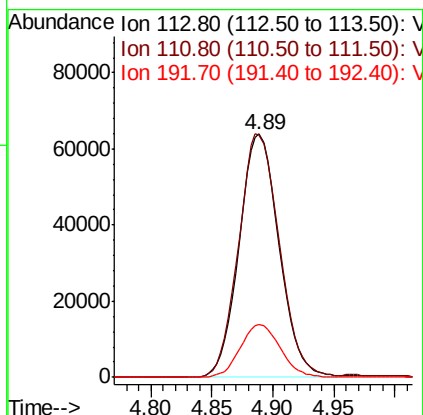
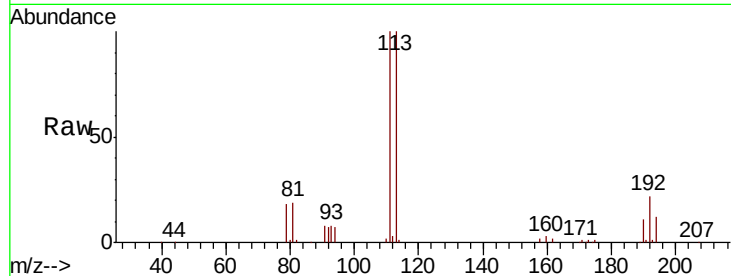




#35
 Dibromofluoromethane
 Concen: 46.01 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025927.D
 Acq: 07 Aug 2018 08:08

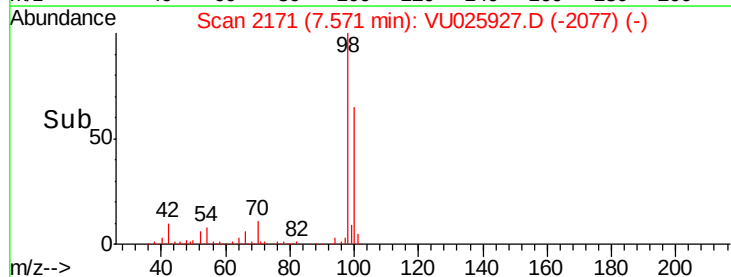
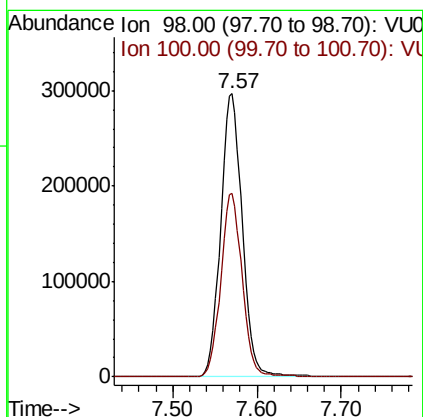
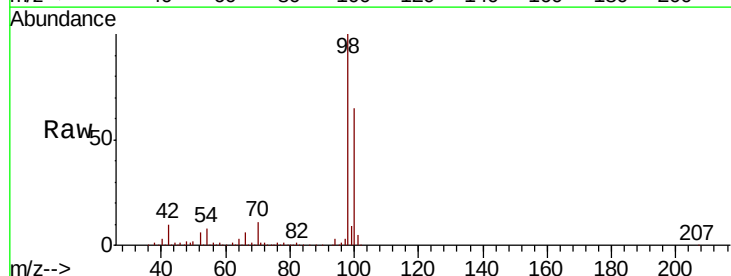
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0539

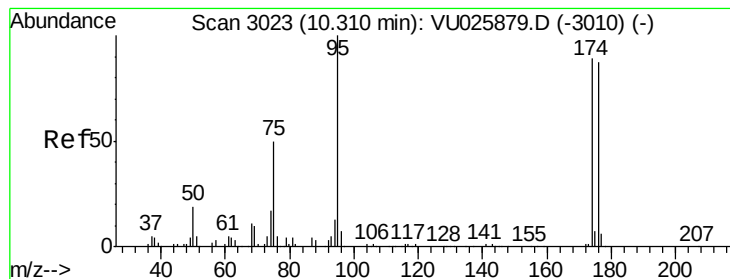
Tot Ion:113 Resp: 145024
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.7 122.5
 192 21.7 17.1 25.7



#50
 Toluene-d8
 Concen: 47.86 ug/l
 RT: 7.57 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VU025927.D
 Acq: 07 Aug 2018 08:08

Tgt Ion: 98 Resp: 527844
 Ion Ratio Lower Upper
 98 100
 100 64.4 51.1 76.7





#62

4-Bromofluorobenzene

Concen: 48.21 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025927.D

Acq: 07 Aug 2018 08:08

Instrument :

MSVOA_U

ClientSampleId :

FL-0539

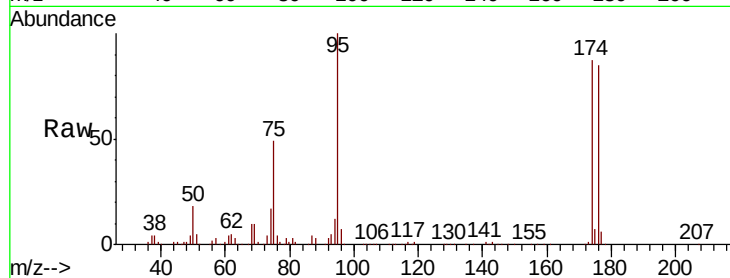
Tot Ion: 95 Resp: 206401

Ion Ratio Lower Upper

95 100

174 89.2 0.0 172.2

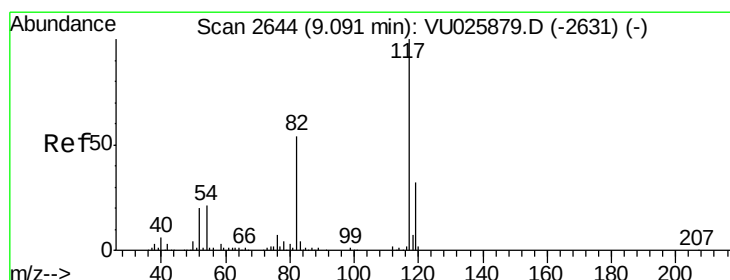
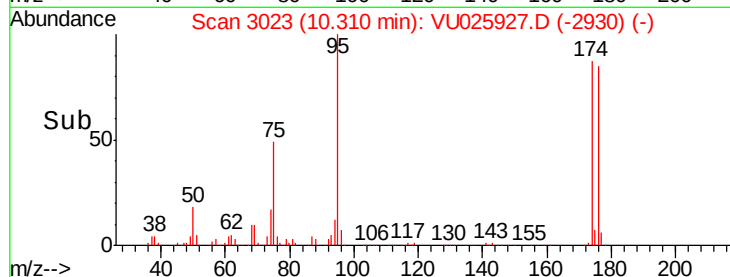
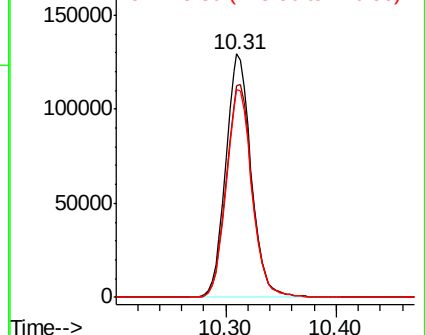
176 86.1 0.0 162.6



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VU025927.D

Acq: 07 Aug 2018 08:08

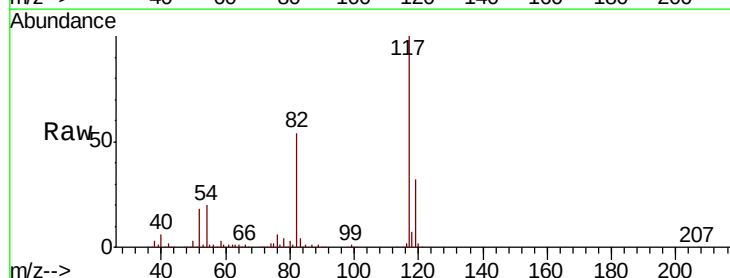
Tgt Ion: 117 Resp: 353473

Ion Ratio Lower Upper

117 100

82 53.9 46.0 69.0

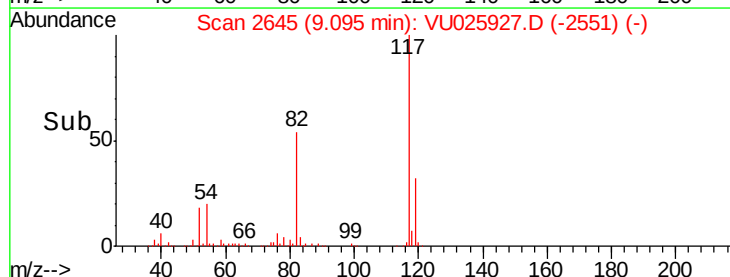
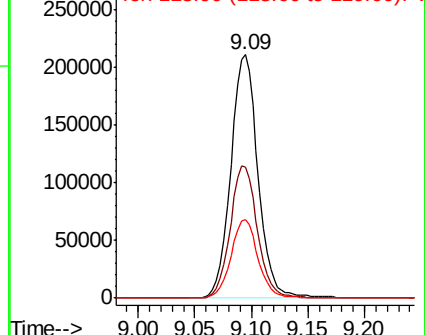
119 32.2 26.0 39.0

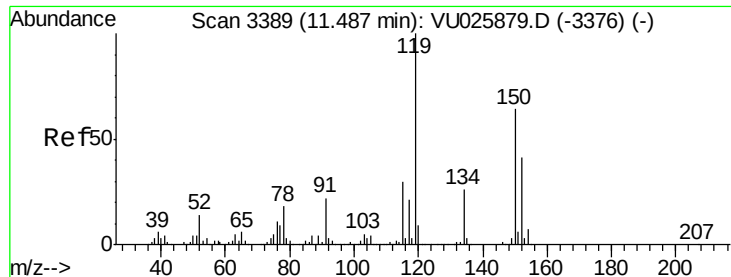


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): 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: VU025927.D

Acq: 07 Aug 2018 08:08

Instrument :

MSVOA_U

ClientSampled :

FL-0539

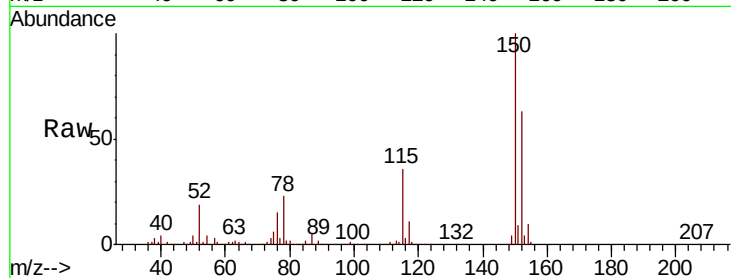
Tot Ion:152 Resp: 217108

Ion Ratio Lower Upper

152 100

115 56.7 40.1 120.3

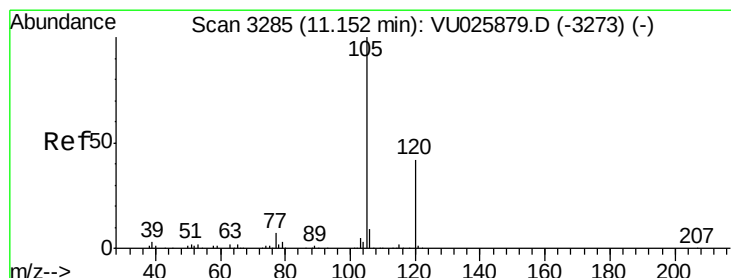
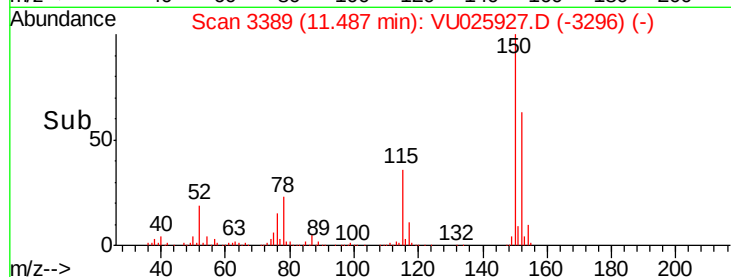
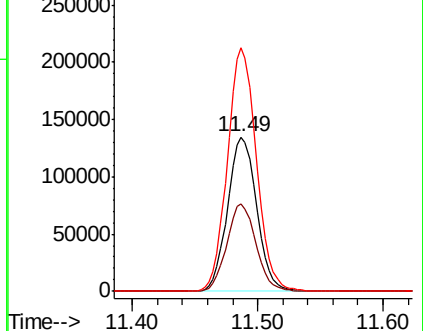
150 156.7 0.0 351.4



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



#84

1,2,4-Trimethylbenzene

Concen: 1.33 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. 0.00 min

Lab File: VU025927.D

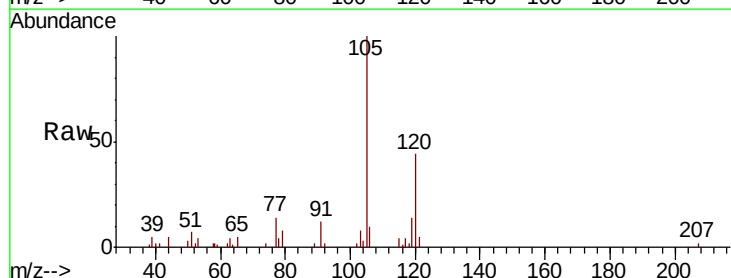
Acq: 07 Aug 2018 08:08

Tgt Ion:105 Resp: 16942

Ion Ratio Lower Upper

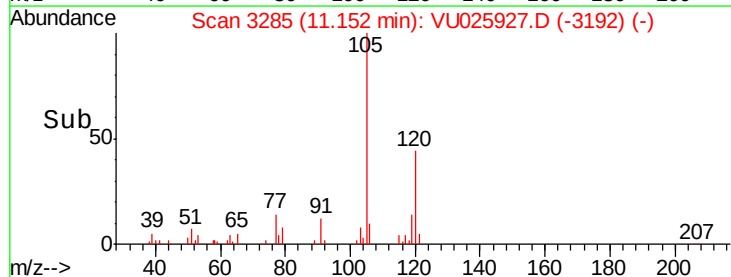
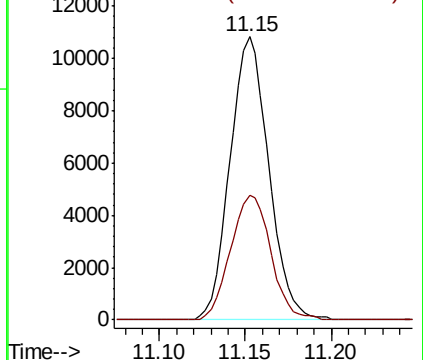
105 100

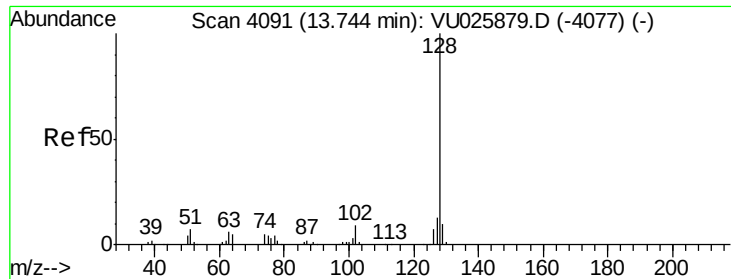
120 45.7 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 1.84 ug/l

RT: 13.75 min Scan# 4093

Delta R.T. 0.01 min

Lab File: VU025927.D

Acq: 07 Aug 2018 08:08

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FL-0539

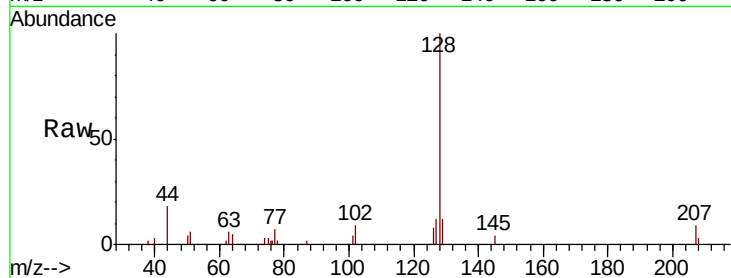
Tot Ion:128 Resp: 9672

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 10.9 8.3 12.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

