

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061318\
 Data File : VU024523.D
 Acq On : 13 Jun 2018 21:14
 Operator : MD/SY
 Sample : J3461-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SB-48(0-5)

Quant Time: Jun 14 03:39:22 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

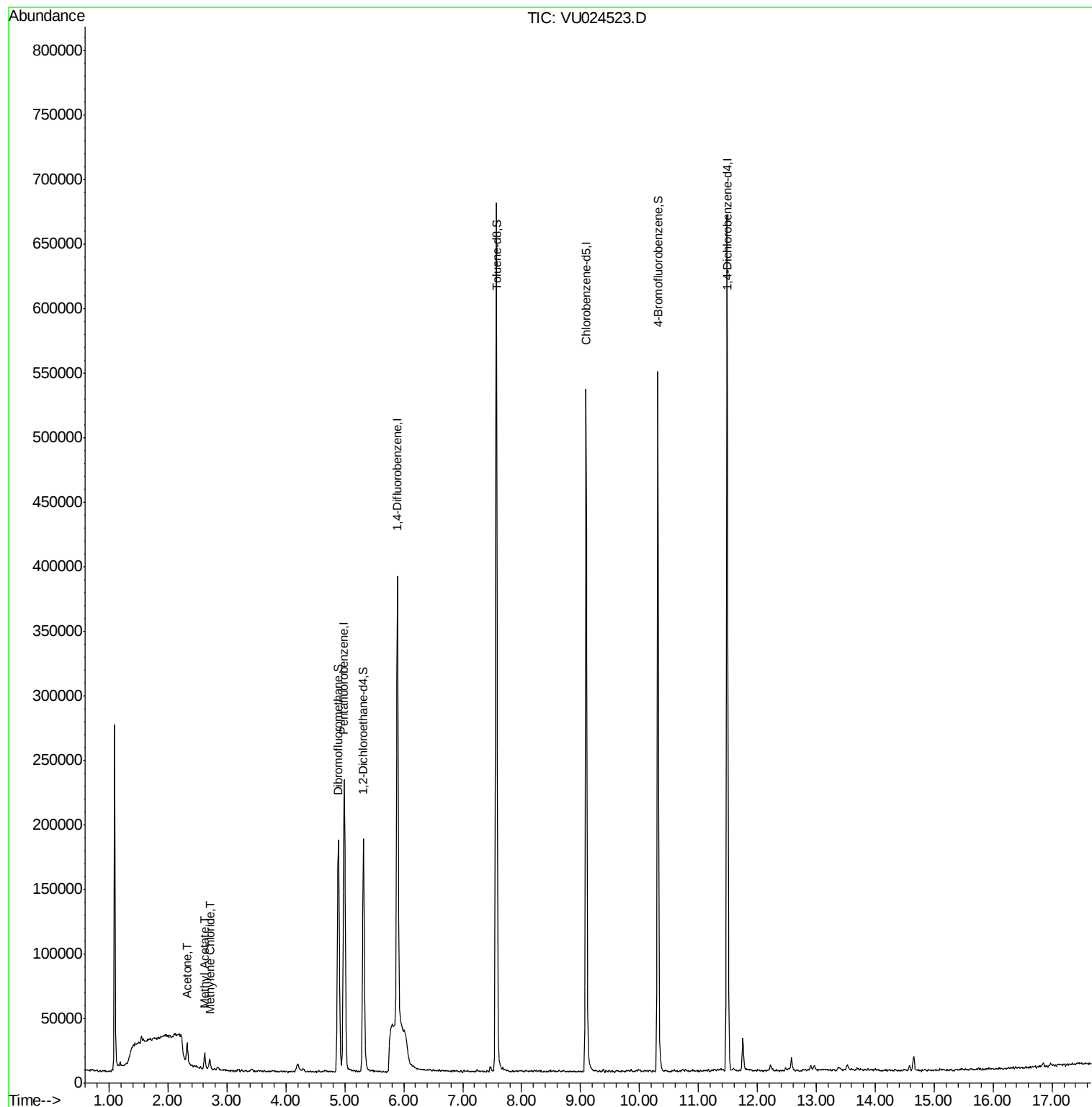
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	180919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	309533	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	299710	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	175851	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.32	65	138987	47.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.12%	
35) Dibromofluoromethane	4.89	113	125883	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
50) Toluene-d8	7.57	98	455692	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
62) 4-Bromofluorobenzene	10.31	95	180144	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.84%	
Target Compounds						
16) Acetone	2.33	43	16740	10.549	ug/l	98
18) Methyl Acetate	2.62	43	16590	4.876	ug/l	97
20) Methylene Chloride	2.71	84	3391	1.362	ug/l	95

(#) = 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# 1369

Delta R.T. 0.00 min

Lab File: VU024523.D

Acq: 13 Jun 2018 21:14

Instrument :

MSVOA_U

ClientSampleId :

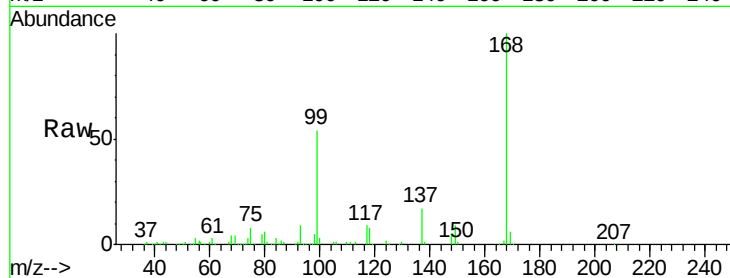
SB-48(0-5)

Tot Ion:168 Resp: 180919

Ion Ratio Lower Upper

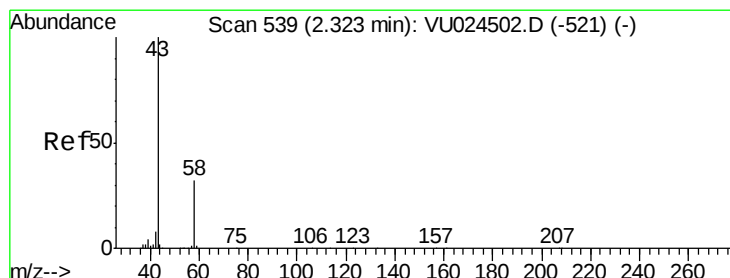
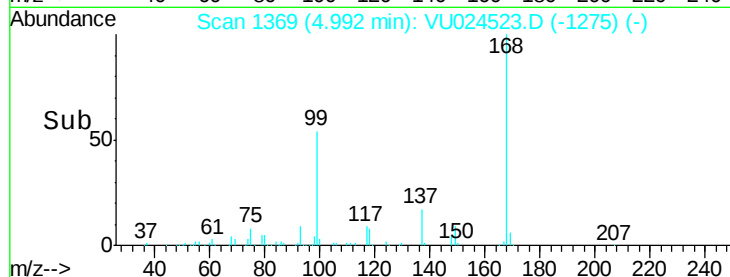
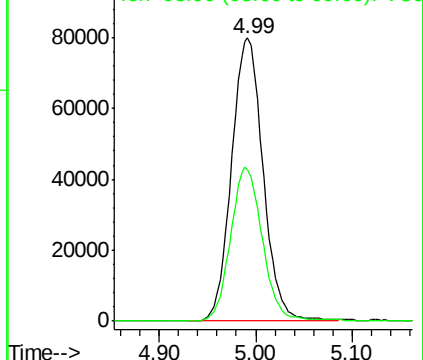
168 100

99 53.7 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#16

Acetone

Concen: 10.549 ug/l

RT: 2.33 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU024523.D

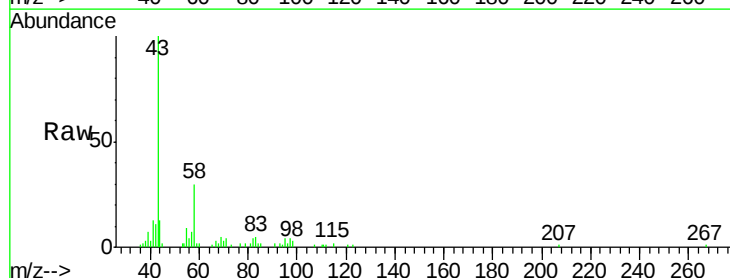
Acq: 13 Jun 2018 21:14

Tgt Ion: 43 Resp: 16740

Ion Ratio Lower Upper

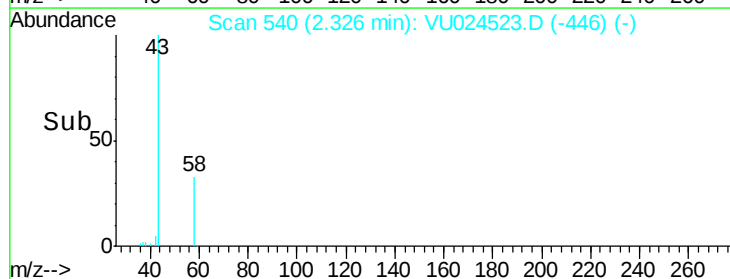
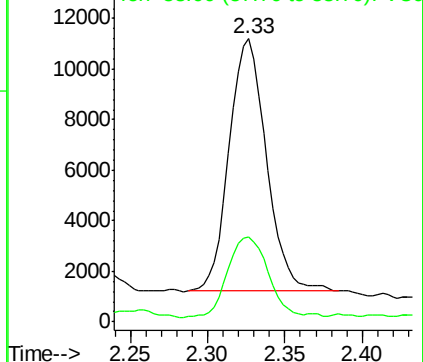
43 100

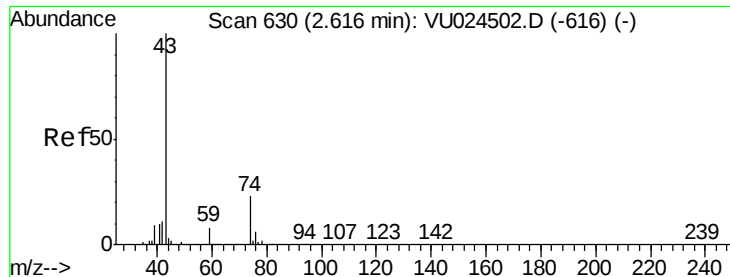
58 31.4 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

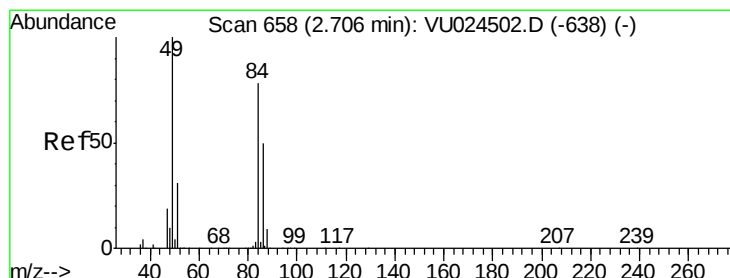
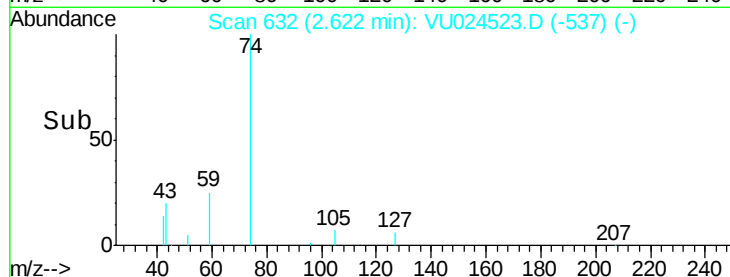
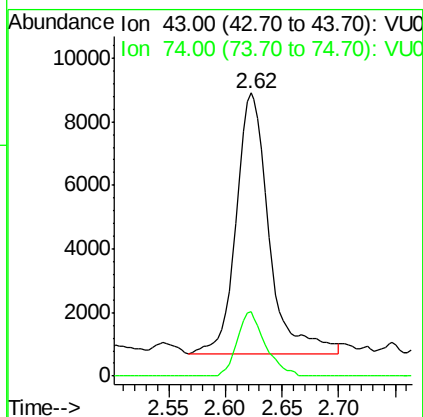
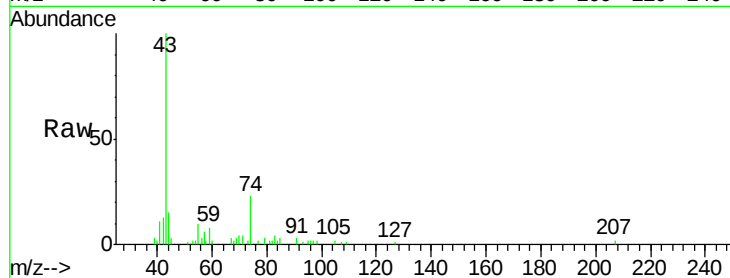




#18
Methvl Acetate
Concen: 4.876 ug/l
RT: 2.62 min Scan# 632
Delta R.T. 0.01 min
Lab File: VU024523.D
Acq: 13 Jun 2018 21:14

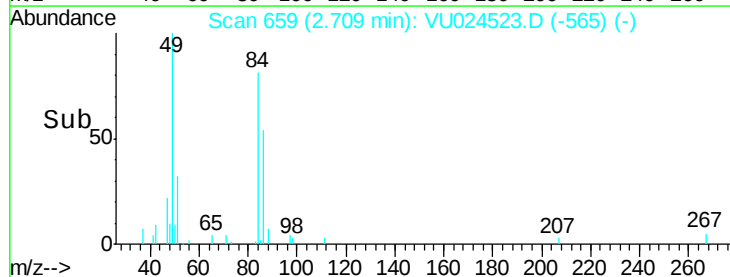
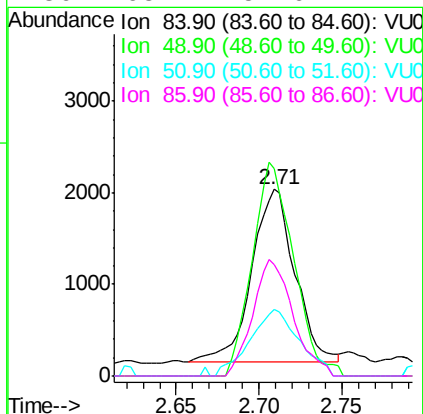
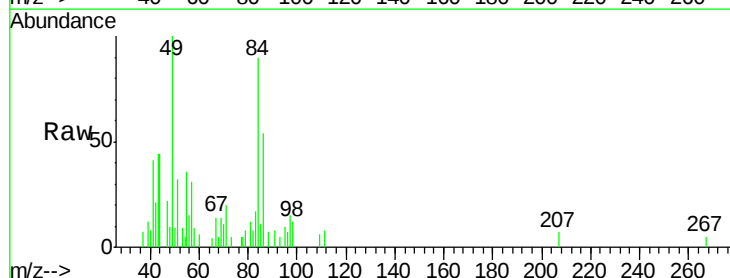
Instrument :
MSVOA_U
ClientSampleId :
SB-48(0-5)

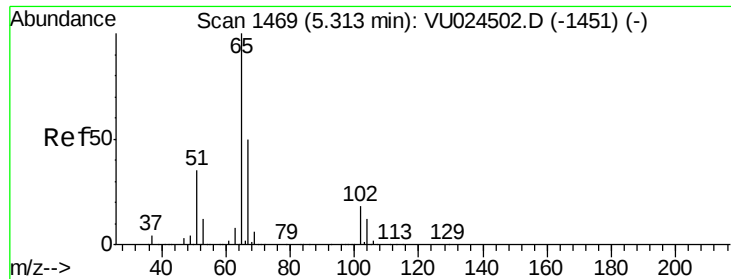
Tot Ion: 43 Resp: 16590
Ion Ratio Lower Upper
43 100
74 21.1 18.0 27.0



#20
Methylene Chloride
Concen: 1.362 ug/l
RT: 2.71 min Scan# 659
Delta R.T. 0.00 min
Lab File: VU024523.D
Acq: 13 Jun 2018 21:14

Tgt Ion: 84 Resp: 3391
Ion Ratio Lower Upper
84 100
49 120.4 103.8 155.8
51 38.5 32.0 48.0
86 65.1 51.6 77.4





#33

1,2-Dichloroethane-d4

Concen: 47.058 ug/l

RT: 5.32 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VU024523.D

Acq: 13 Jun 2018 21:14

Instrument :

MSVOA_U

ClientSampleId :

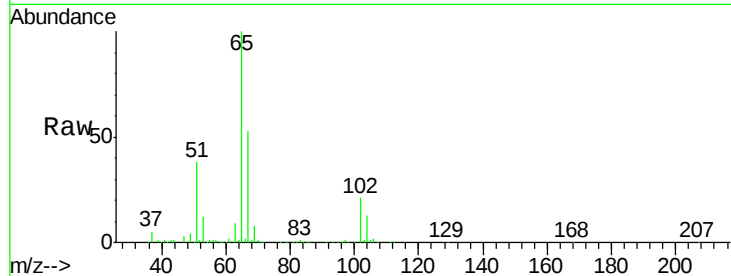
SB-48(0-5)

Tot Ion: 65 Resp: 138987

Ion Ratio Lower Upper

65 100

67 54.2 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU024523.D (-1376) (-)

Ion 66.90 (66.60 to 67.60): VU024523.D (-1376) (-)

5.32

60000

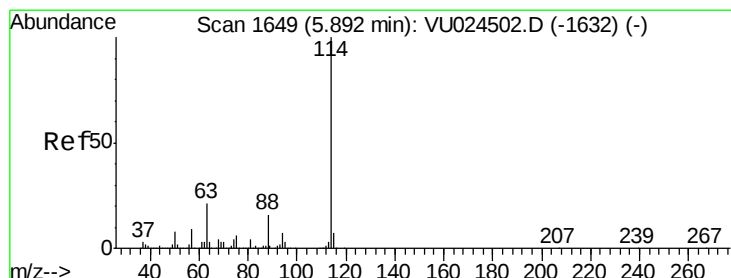
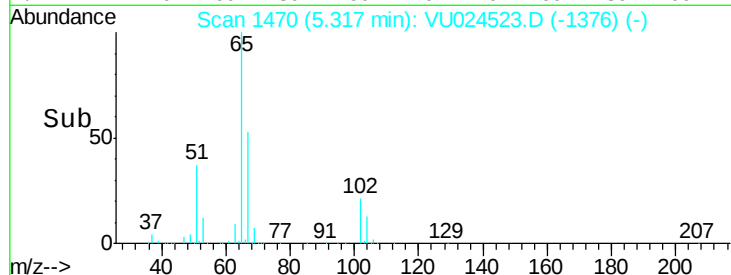
40000

20000

0

Time-->

5.20 5.30 5.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. 0.00 min

Lab File: VU024523.D

Acq: 13 Jun 2018 21:14

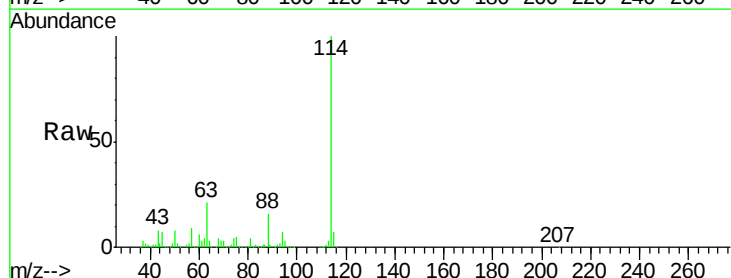
Tgt Ion: 114 Resp: 309533

Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.4

88 16.1 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VU024523.D (-1556) (-)

Ion 63.00 (62.70 to 63.70): VU024523.D (-1556) (-)

Ion 87.90 (87.60 to 88.60): VU024523.D (-1556) (-)

200000

150000

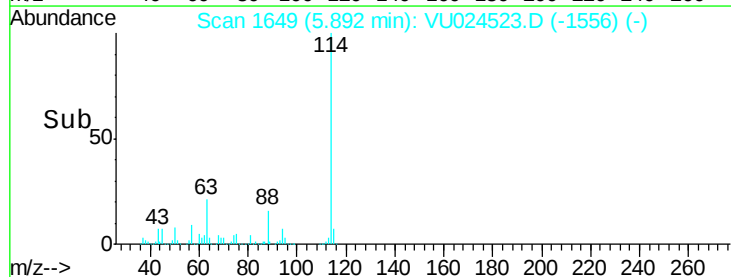
100000

50000

0

Time-->

5.80 5.90 6.00

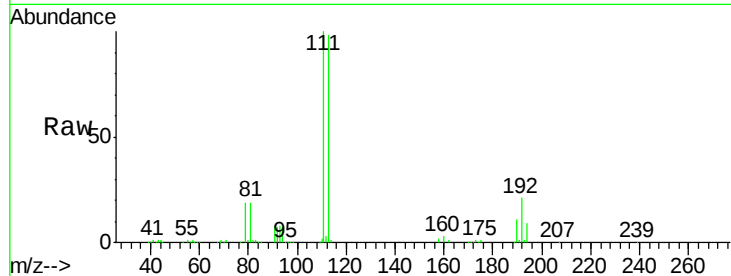




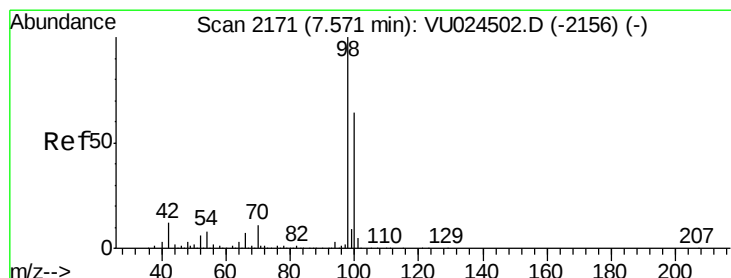
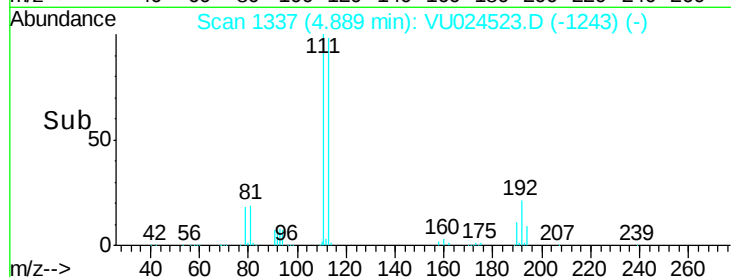
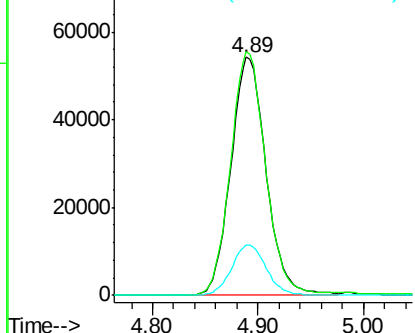
#35
 Dibromofluoromethane
 Concen: 49.003 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU024523.D
 Acq: 13 Jun 2018 21:14

Instrument :
 MSVOA_U
 ClientSampleId :
 SB-48(0-5)

Tot Ion:113 Resp: 125883
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.2 123.4
 192 21.0 16.2 24.4

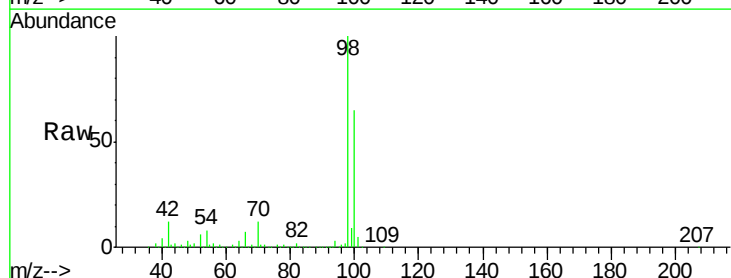


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

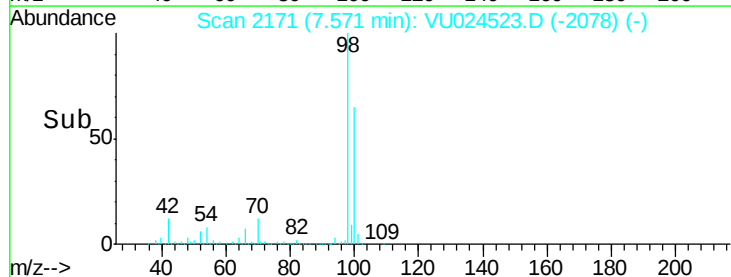
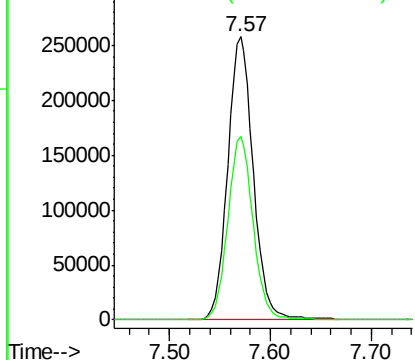


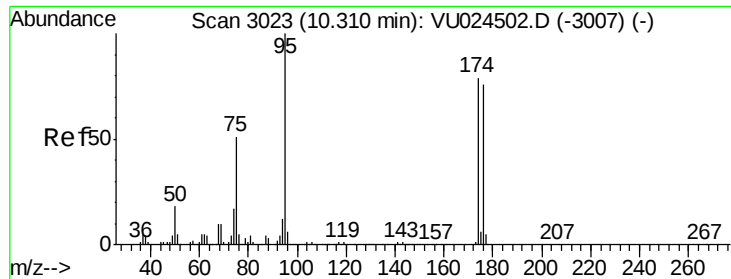
#50
 Toluene-d8
 Concen: 48.632 ug/l
 RT: 7.57 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VU024523.D
 Acq: 13 Jun 2018 21:14

Tgt Ion: 98 Resp: 455692
 Ion Ratio Lower Upper
 98 100
 100 64.7 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU





#62

4-Bromofluorobenzene

Concen: 48.421 ug/l

RT: 10.31 min Scan# 3024

Delta R.T. 0.00 min

Lab File: VU024523.D

Acq: 13 Jun 2018 21:14

Instrument :

MSVOA_U

ClientSampled :

SB-48(0-5)

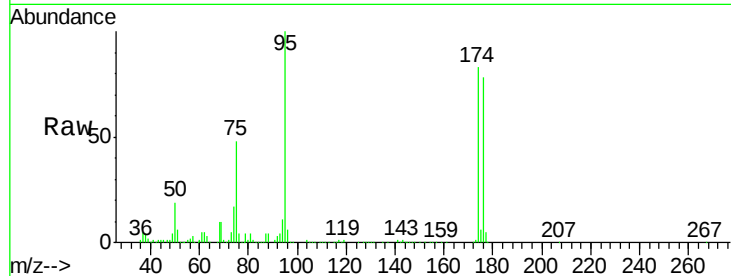
Tot Ion: 95 Resp: 180144

Ion Ratio Lower Upper

95 100

174 83.1 0.0 165.8

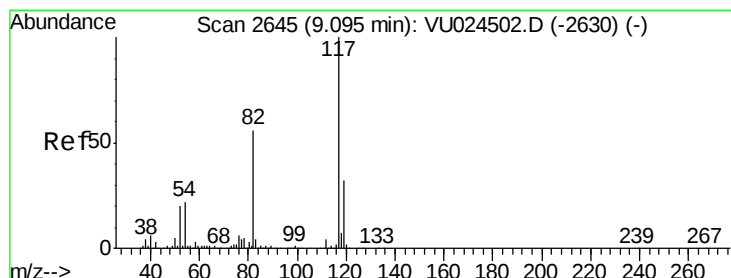
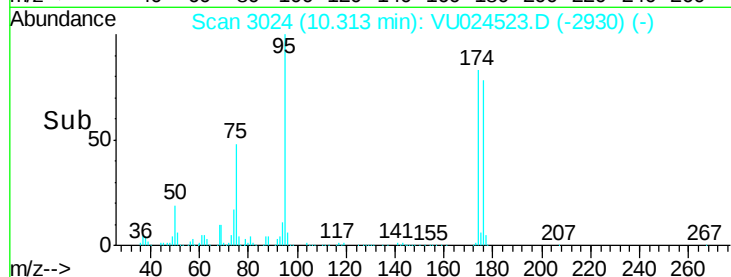
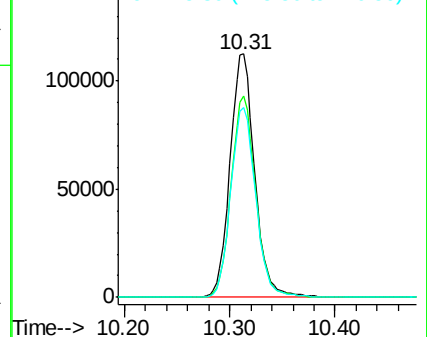
176 79.7 0.0 159.4



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# 2645

Delta R.T. 0.00 min

Lab File: VU024523.D

Acq: 13 Jun 2018 21:14

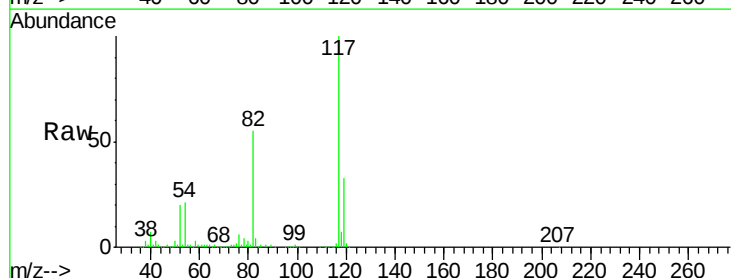
Tgt Ion: 117 Resp: 299710

Ion Ratio Lower Upper

117 100

82 55.3 44.3 66.5

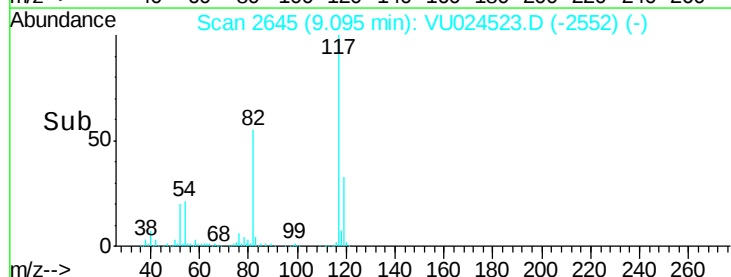
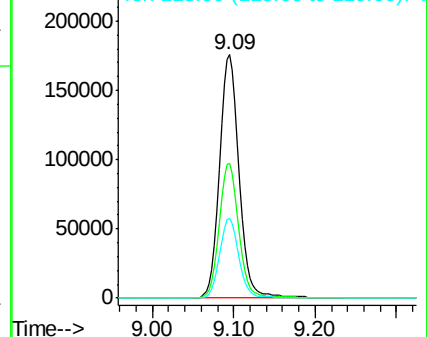
119 32.8 25.4 38.2

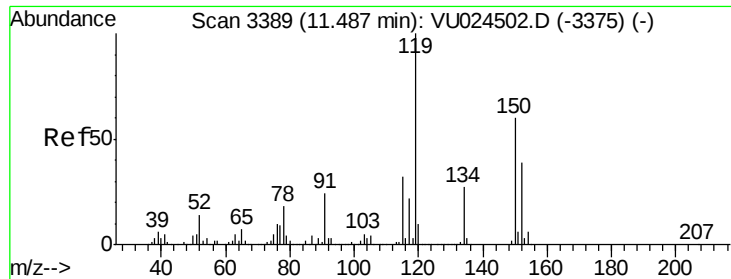


Abundance Ion 116.90 (116.60 to 117.60): VU024502.D (-2630) (-)

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: VU024523.D

Acq: 13 Jun 2018 21:14

Instrument :

MSVOA_U

ClientSampleId :

SB-48(0-5)

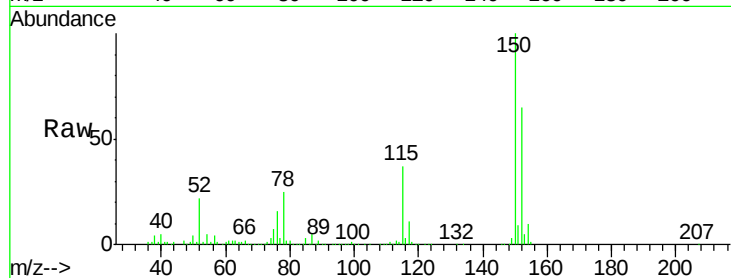
Tot Ion:152 Resp: 175851

Ion Ratio Lower Upper

152 100

115 58.2 43.0 129.0

150 156.8 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

