

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071218\
 Data File : VU025343.D
 Acq On : 12 Jul 2018 16:43
 Operator : MD/SY
 Sample : J3922-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-0495-180709

Quant Time: Jul 13 10:37:59 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070918W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 10 09:34:16 2018
 Response via : Initial Calibration

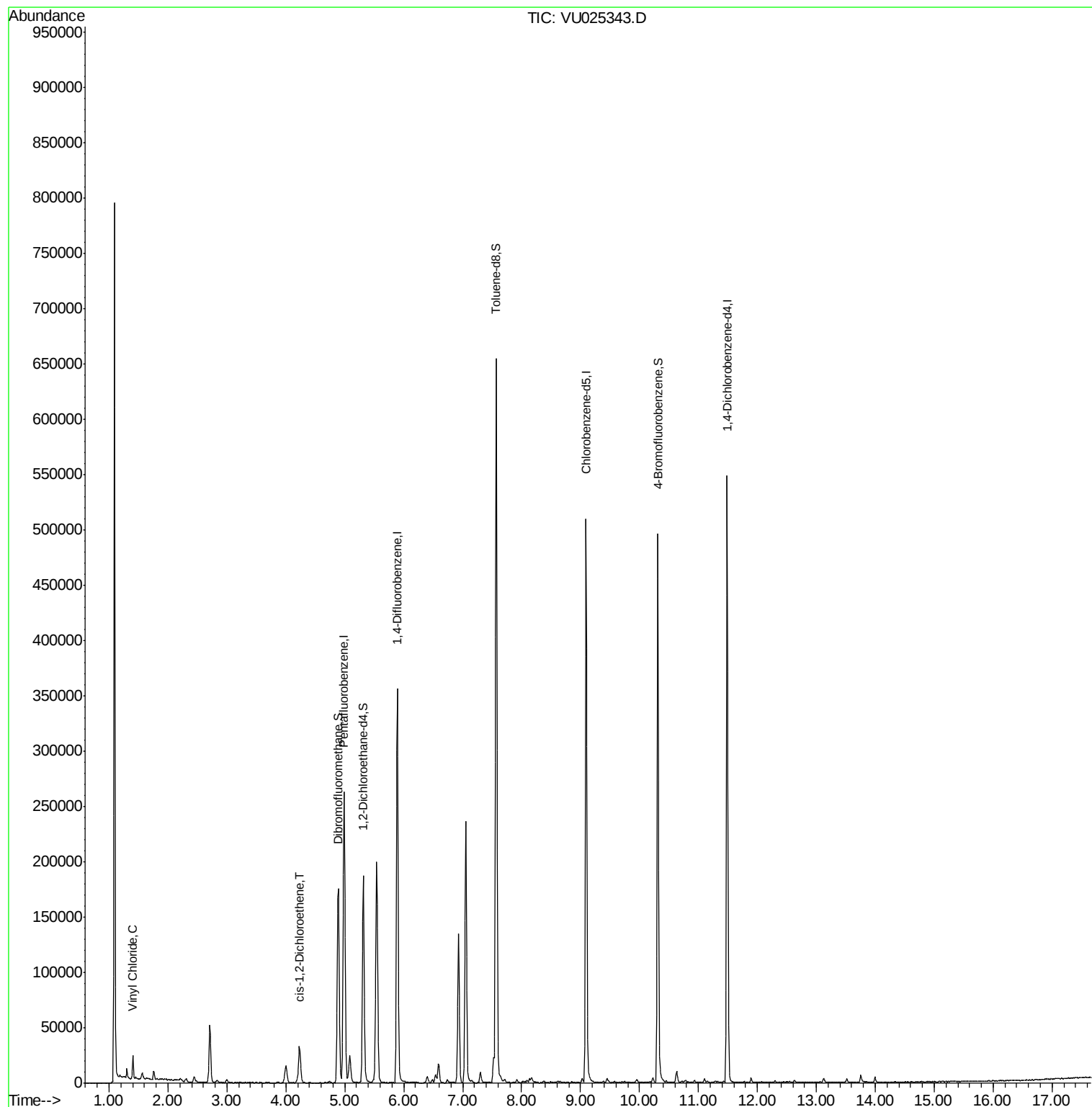
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	205100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	304968	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	285755	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	146807	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	155918	48.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.86%	
35) Dibromofluoromethane	4.89	113	120729	46.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.86%	
50) Toluene-d8	7.57	98	443686	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.72%	
62) 4-Bromofluorobenzene	10.31	95	161835	45.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.26%	
Target Compounds						
4) Vinyl Chloride	1.40	62	12859	5.513	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	15050	5.475	ug/l	91

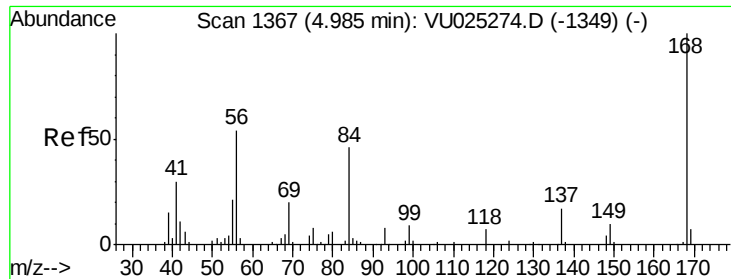
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 10 09:34:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025343.D

Acq: 12 Jul 2018 16:43

Instrument :

MSVOA_U

ClientSampleId :

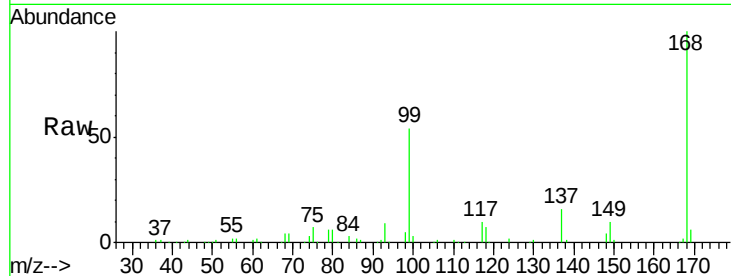
DUP-0495-180709

Tot Ion:168 Resp: 205100

Ion Ratio Lower Upper

168 100

99 53.6 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025274.D (-1349) (-)

Ion 98.90 (98.60 to 99.60): VU025274.D (-1349) (-)

4.99

100000

80000

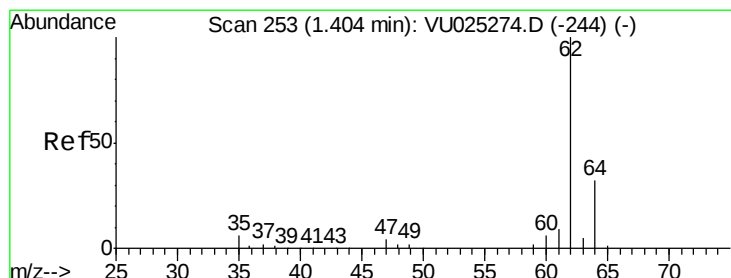
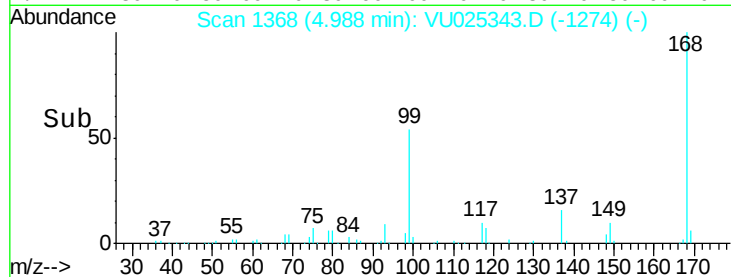
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 5.513 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025343.D

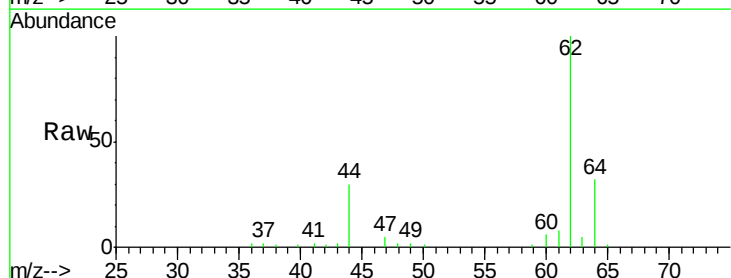
Acq: 12 Jul 2018 16:43

Tgt Ion: 62 Resp: 12859

Ion Ratio Lower Upper

62 100

64 30.8 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VU025274.D (-244) (-)

Ion 63.90 (63.60 to 64.60): VU025274.D (-244) (-)

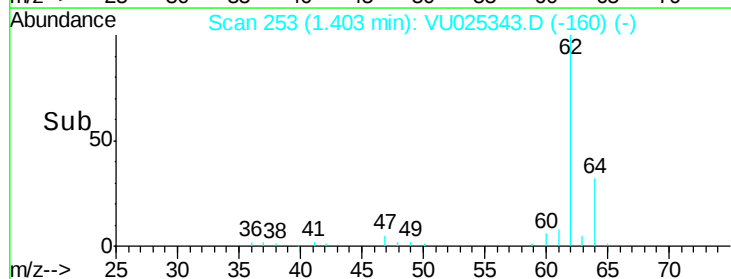
1.40

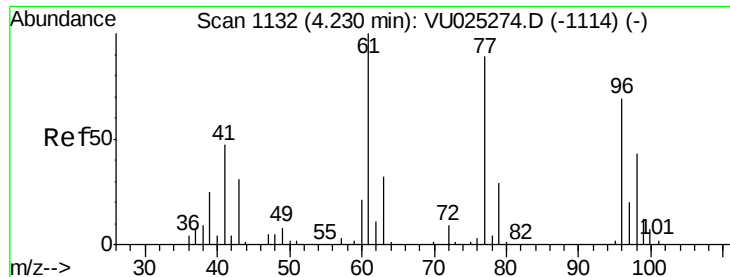
10000

5000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 5.475 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU025343.D

Acq: 12 Jul 2018 16:43

Instrument :

MSVOA_U

ClientSampleId :

DUP-0495-180709

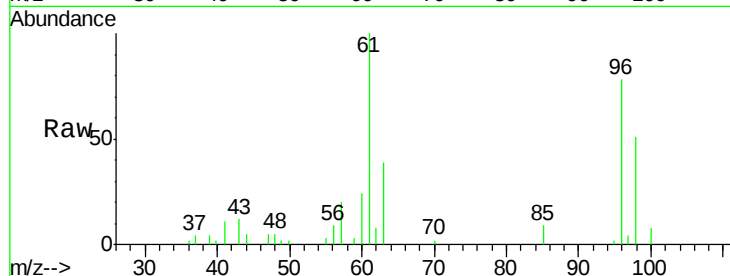
Tot Ion: 96 Resp: 15050

Ion Ratio Lower Upper

96 100

61 135.0 0.0 299.8

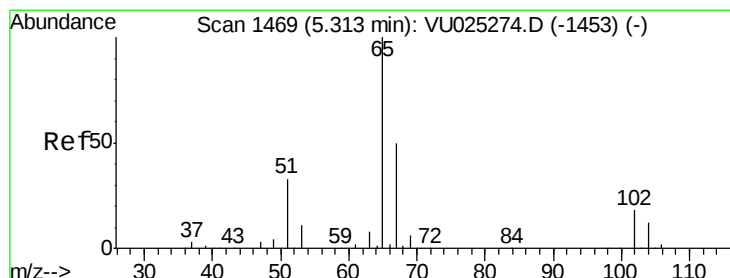
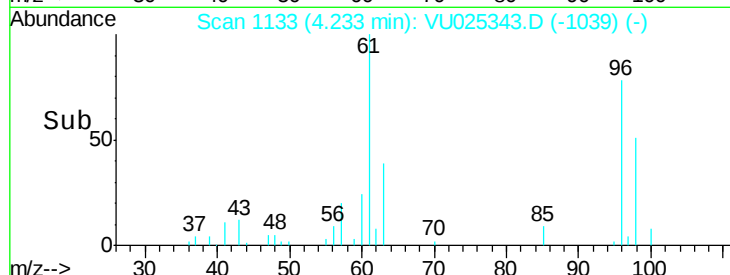
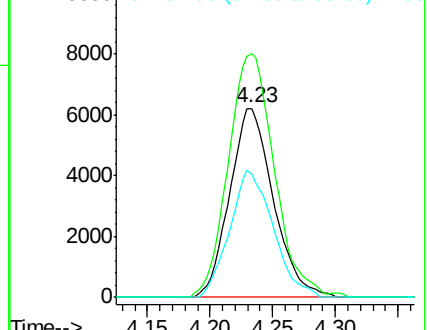
98 66.5 0.0 128.6



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: 48.931 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU025343.D

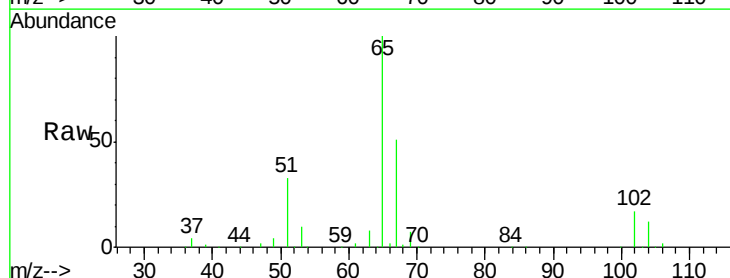
Acq: 12 Jul 2018 16:43

Tgt Ion: 65 Resp: 155918

Ion Ratio Lower Upper

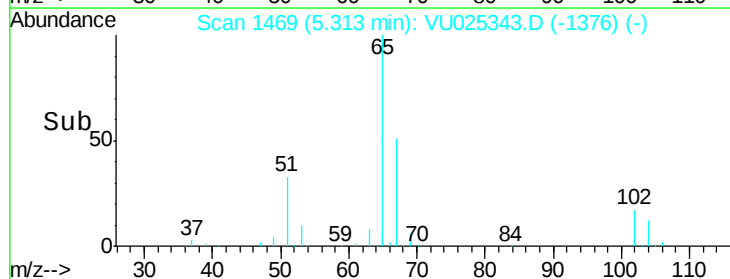
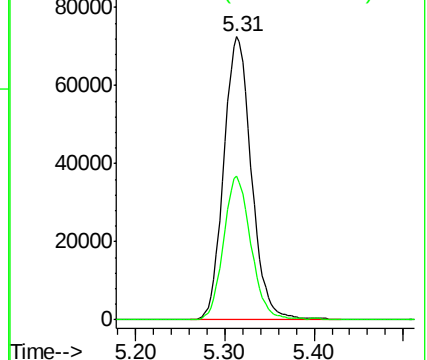
65 100

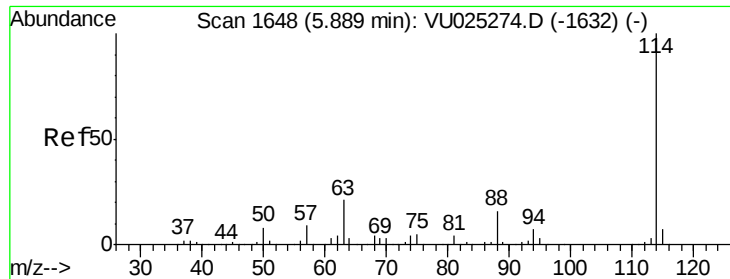
67 50.2 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

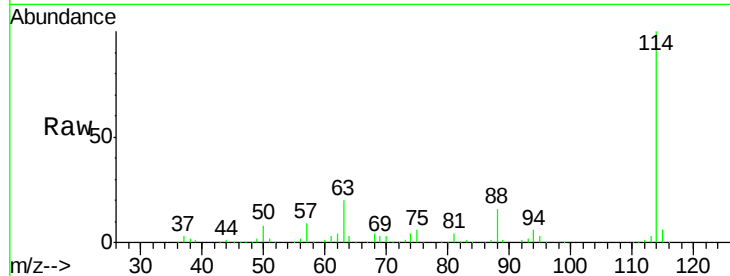




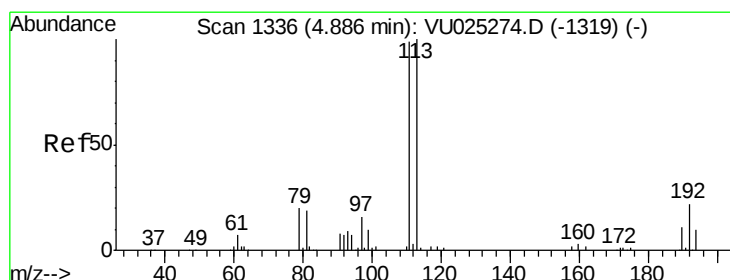
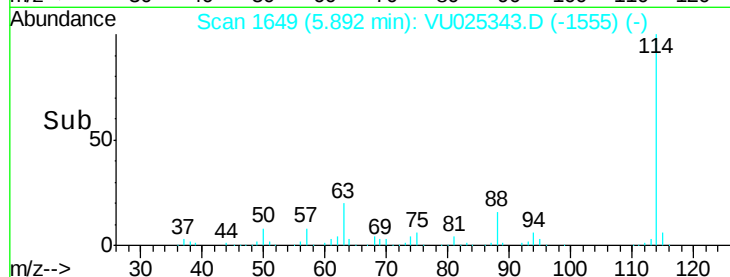
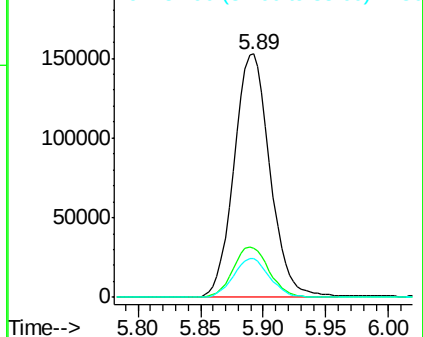
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025343.D
 Acq: 12 Jul 2018 16:43

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-0495-180709

Tot Ion:114 Resp: 304968
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.6
 88 15.8 0.0 32.4

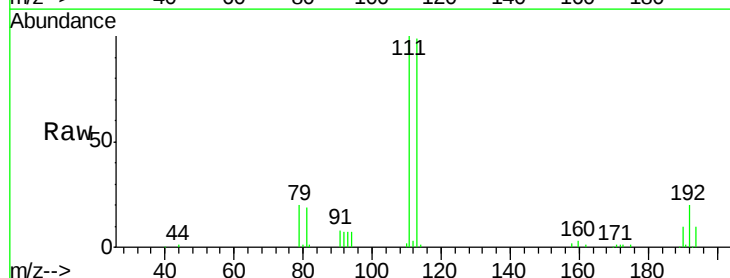


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

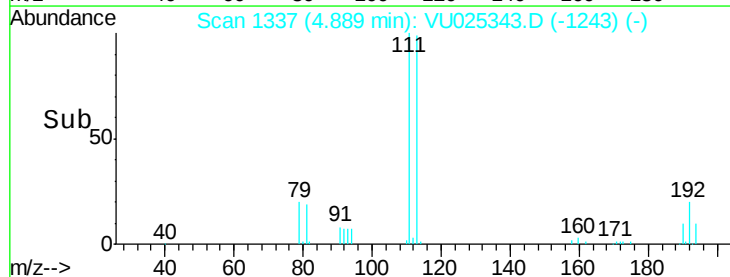
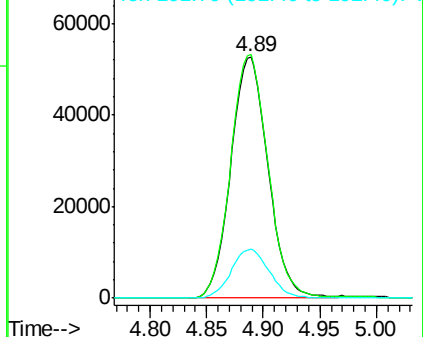


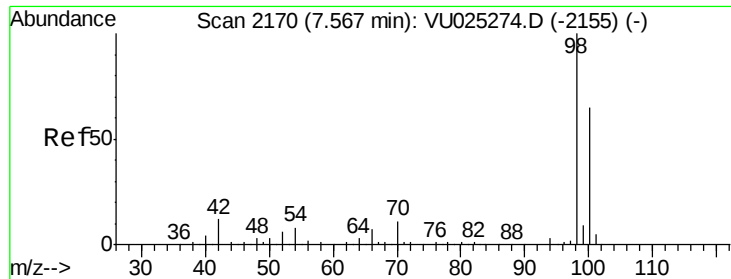
#35
 Dibromofluoromethane
 Concen: 46.927 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025343.D
 Acq: 12 Jul 2018 16:43

Tgt Ion:113 Resp: 120729
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.7 122.5
 192 20.7 17.1 25.7



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: 50.363 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU025343.D

Acq: 12 Jul 2018 16:43

Instrument :

MSVOA_U

ClientSampleId :

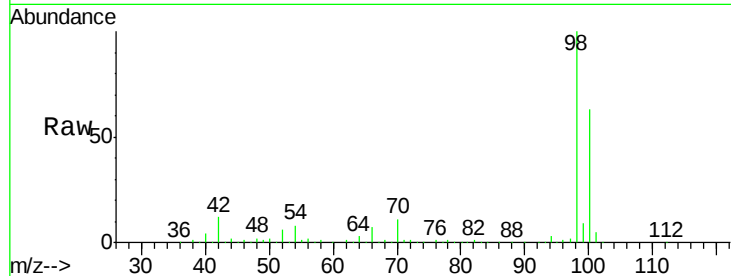
DUP-0495-180709

Tot Ion: 98 Resp: 443686

Ion Ratio Lower Upper

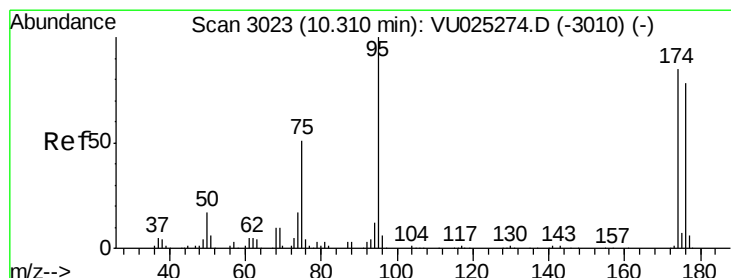
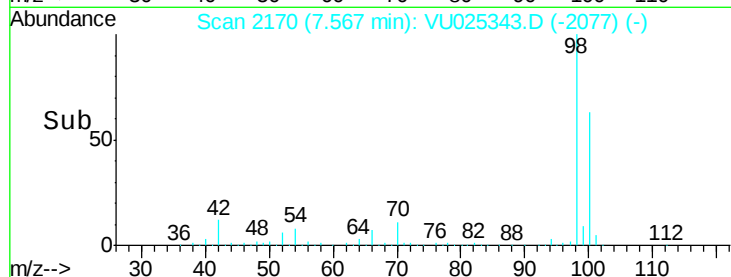
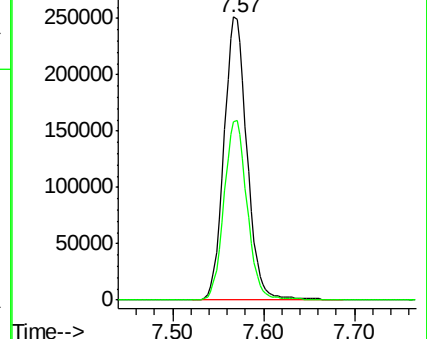
98 100

100 63.5 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: 45.628 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025343.D

Acq: 12 Jul 2018 16:43

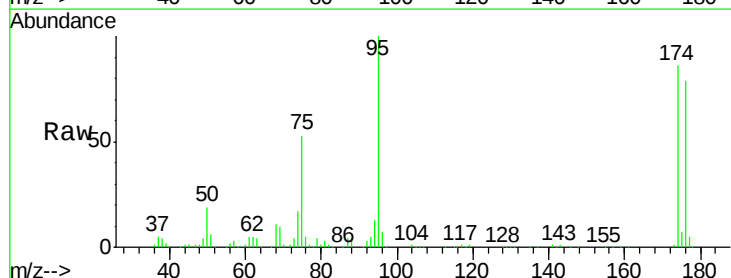
Tgt Ion: 95 Resp: 161835

Ion Ratio Lower Upper

95 100

174 86.1 0.0 172.2

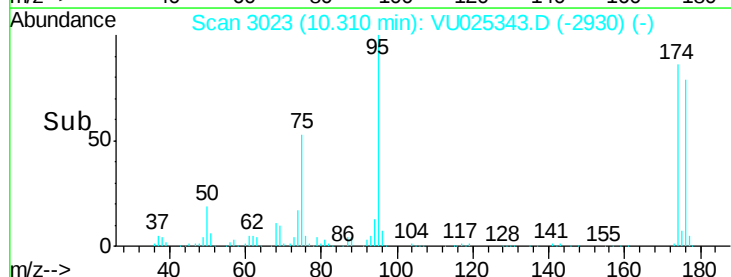
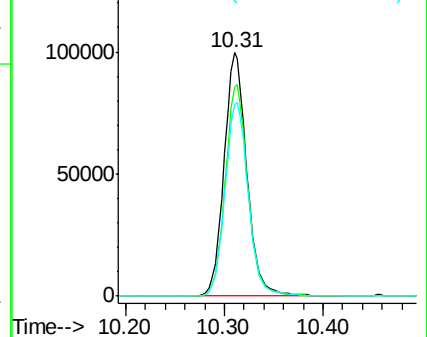
176 81.4 0.0 162.6

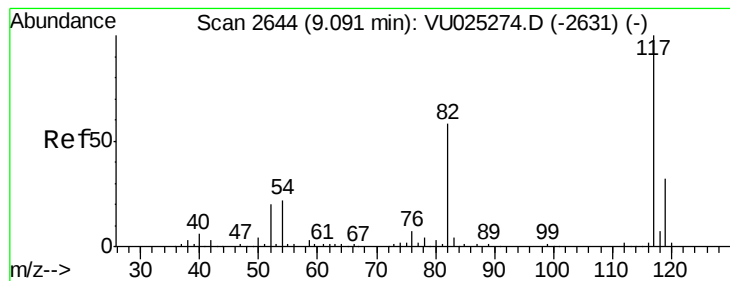


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VU025343.D

Acq: 12 Jul 2018 16:43

Instrument :

MSVOA_U

ClientSampleId :

DUP-0495-180709

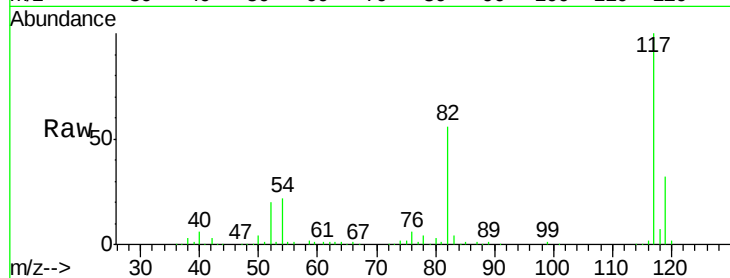
Tot Ion:117 Resp: 285755

Ion Ratio Lower Upper

117 100

82 55.9 46.0 69.0

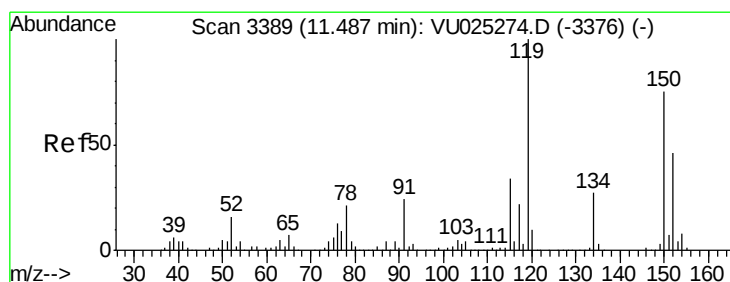
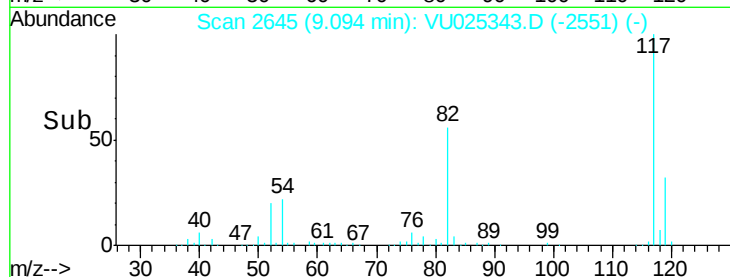
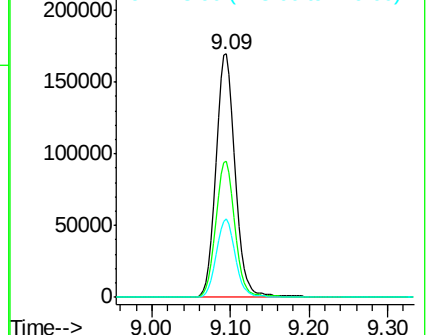
119 32.1 26.0 39.0



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: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU025343.D

Acq: 12 Jul 2018 16:43

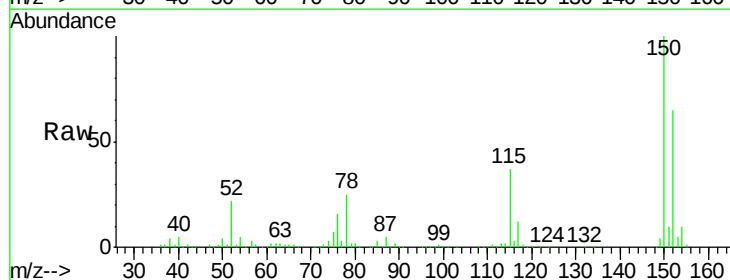
Tgt Ion:152 Resp: 146807

Ion Ratio Lower Upper

152 100

115 56.6 40.1 120.3

150 154.4 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

