

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121118\
 Data File : VU028555.D
 Acq On : 10 Dec 2018 16:46
 Operator : MD/SY
 Sample : J6323-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP02-20181206

Quant Time: Dec 11 04:07:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

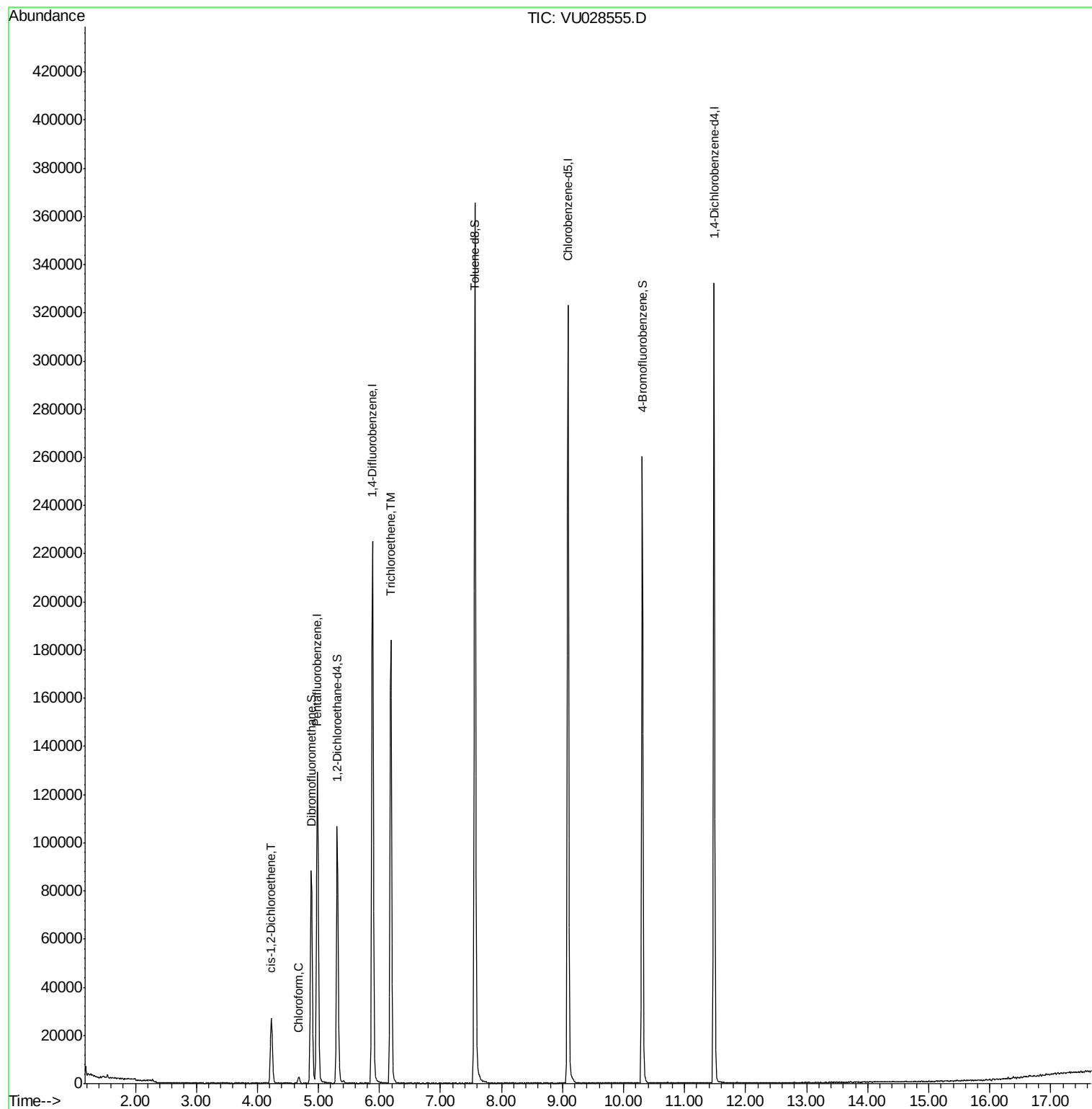
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	96120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	180548	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	172645	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	80581	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	81319	55.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.88%	
35) Dibromofluoromethane	4.88	113	61564	54.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.36%	
50) Toluene-d8	7.57	98	240468	53.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.00%	
62) 4-Bromofluorobenzene	10.30	95	86201	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.62%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.23	96	15083	11.059	ug/l	86
30) Chloroform	4.68	83	2818	1.255	ug/l	98
44) Trichloroethene	6.19	130	60808	46.999	ug/l	97

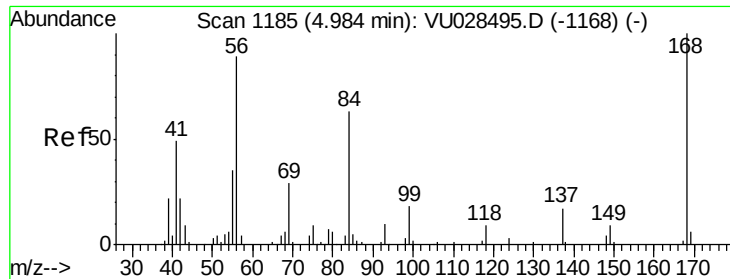
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028555.D

Acq: 10 Dec 2018 16:46

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ClientSampleId :

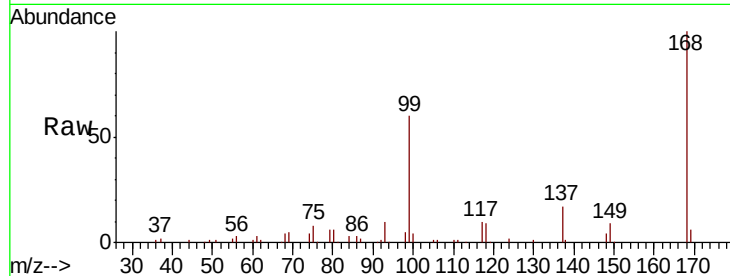
DUP02-20181206

Tot Ion:168 Resp: 96120

Ion Ratio Lower Upper

168 100

99 60.5 46.6 69.8



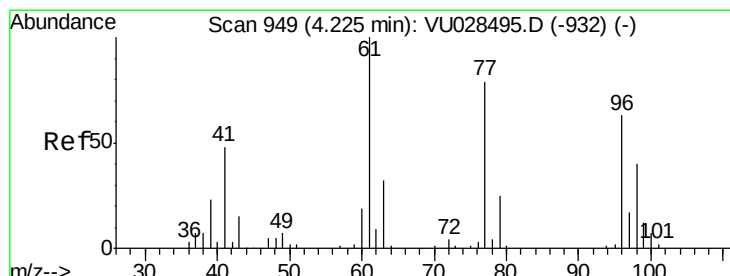
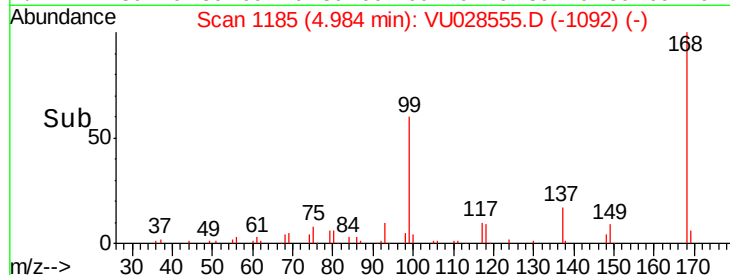
Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028555.D (-1092) (-)

4.98

4.90 4.95 5.00 5.05 5.10

Time-->



#27

cis-1,2-Dichloroethene

Concen: 11.059 ug/l

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

Lab File: VU028555.D

Acq: 10 Dec 2018 16:46

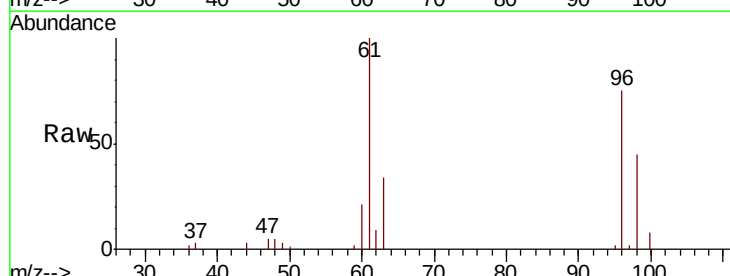
Tgt Ion: 96 Resp: 15083

Ion Ratio Lower Upper

96 100

61 141.4 0.0 332.4

98 62.7 0.0 129.0



Abundance Ion 95.90 (95.60 to 96.60): VU028495.D (-932) (-)

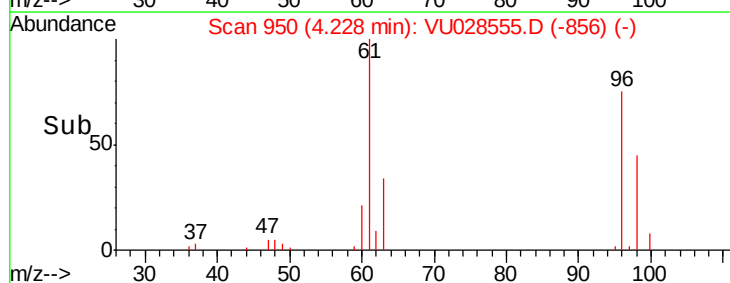
Ion 60.90 (60.60 to 61.60): VU028555.D (-856) (-)

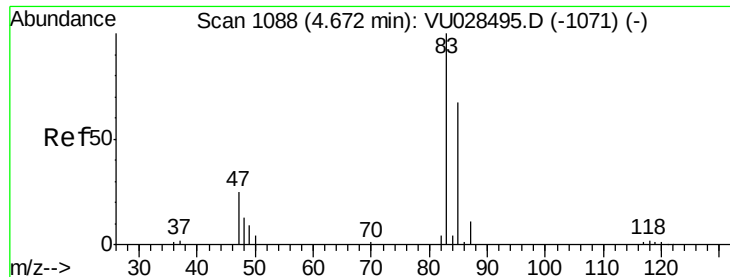
Ion 97.90 (97.60 to 98.60): VU028555.D (-856) (-)

4.23

4.15 4.20 4.25 4.30

Time-->

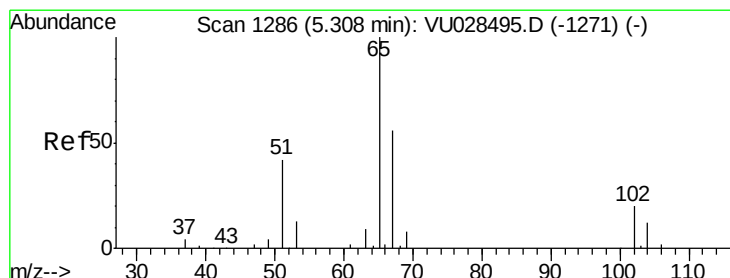
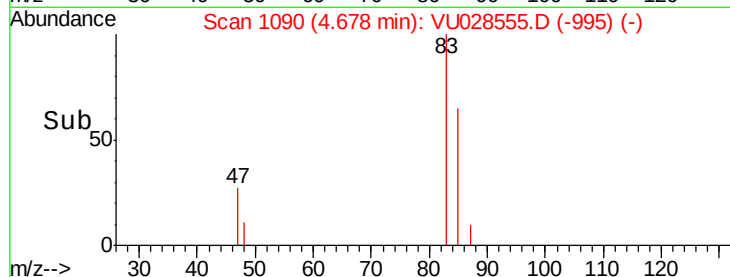
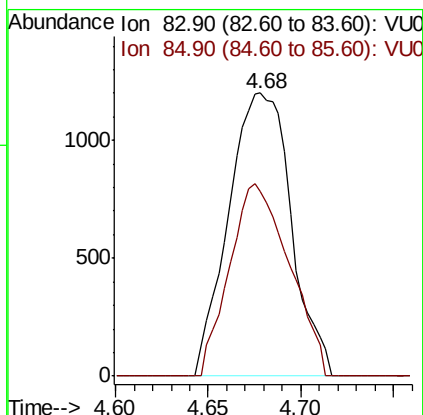
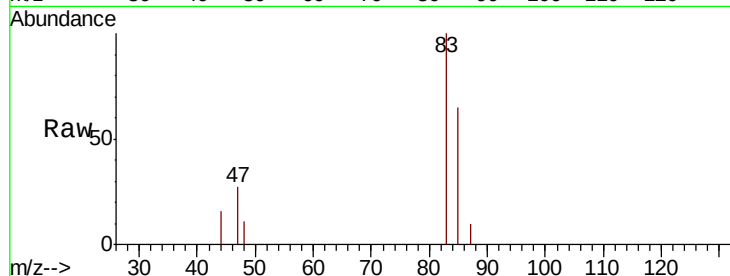




#30
Chloroform
Concen: 1.255 ug/l
RT: 4.68 min Scan# 1090
Delta R.T. 0.01 min
Lab File: VU028555.D
Acq: 10 Dec 2018 16:46

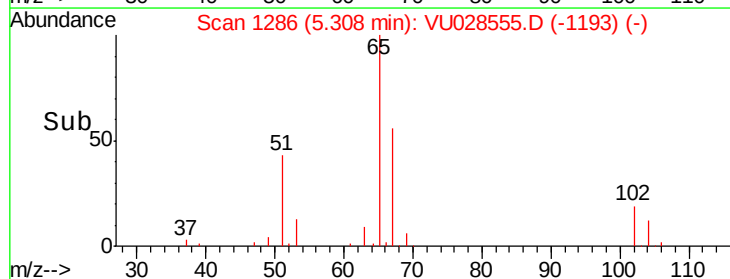
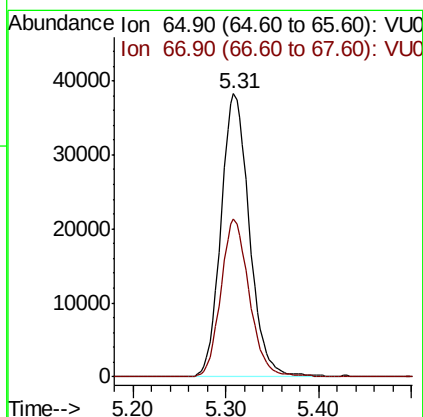
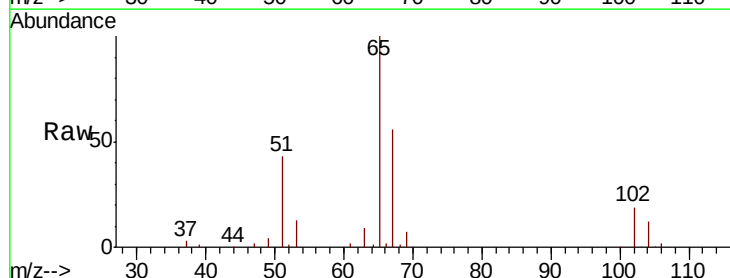
Instrument :
MSVOA_U
ClientSampleId :
DUP02-20181206

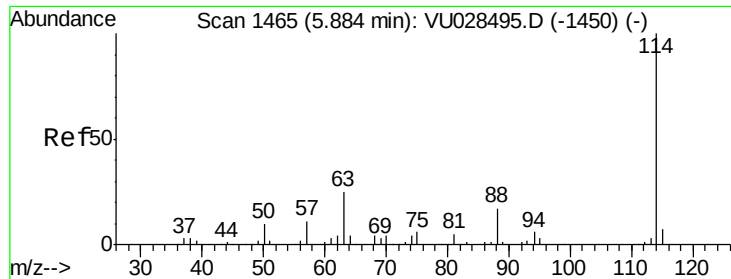
Tot Ion: 83 Resp: 2818
Ion Ratio Lower Upper
83 100
85 65.3 53.6 80.4



#33
1,2-Dichloroethane-d4
Concen: 55.438 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. -0.00 min
Lab File: VU028555.D
Acq: 10 Dec 2018 16:46

Tgt Ion: 65 Resp: 81319
Ion Ratio Lower Upper
65 100
67 55.5 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1466

Delta R.T. 0.00 min

Lab File: VU028555.D

Acq: 10 Dec 2018 16:46

Instrument :

MSVOA_U

ClientSampleId :

DUP02-20181206

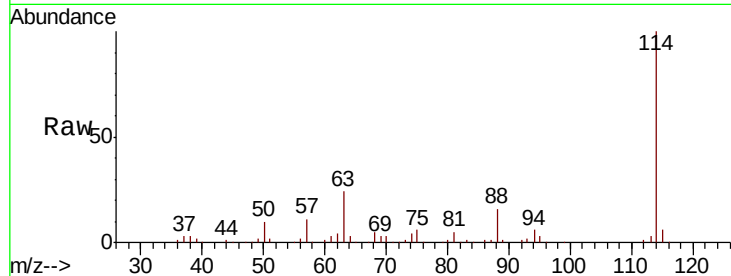
Tot Ion:114 Resp: 180548

Ion Ratio Lower Upper

114 100

63 24.1 0.0 49.2

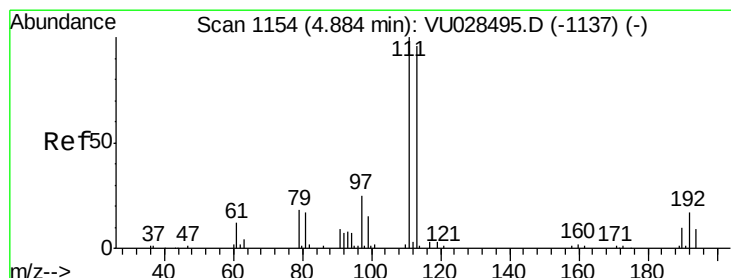
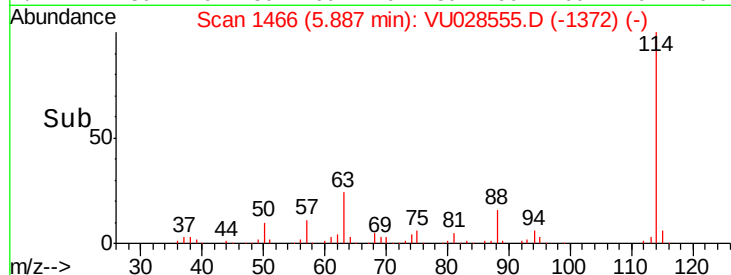
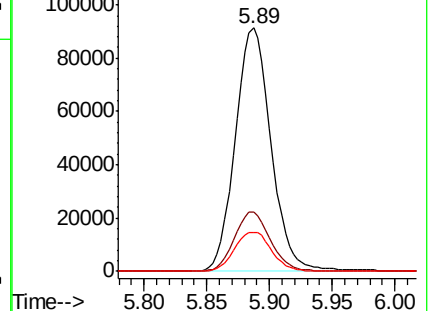
88 16.1 0.0 33.4



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: 54.184 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. -0.00 min

Lab File: VU028555.D

Acq: 10 Dec 2018 16:46

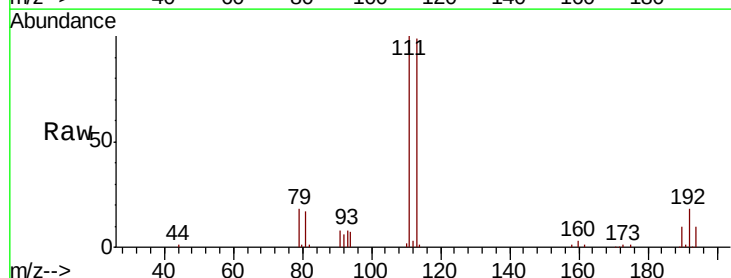
Tgt Ion:113 Resp: 61564

Ion Ratio Lower Upper

113 100

111 102.5 83.4 125.0

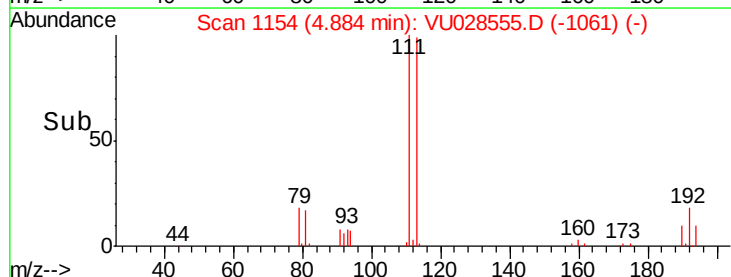
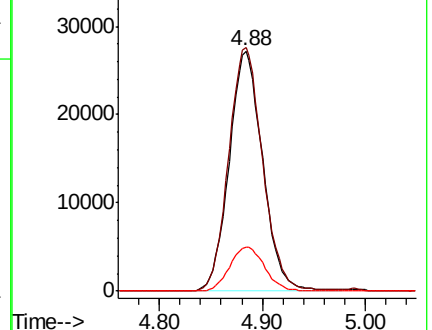
192 19.0 14.8 22.2

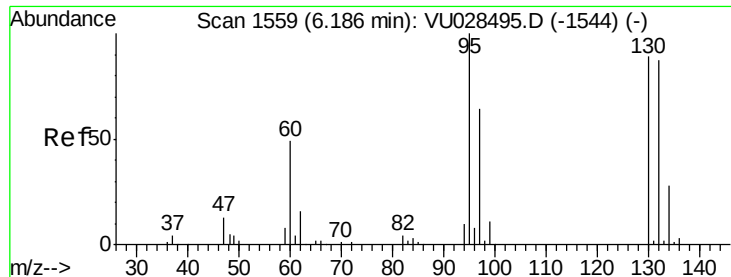


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 46.999 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU028555.D

Acq: 10 Dec 2018 16:46

Instrument :

MSVOA_U

ClientSampleId :

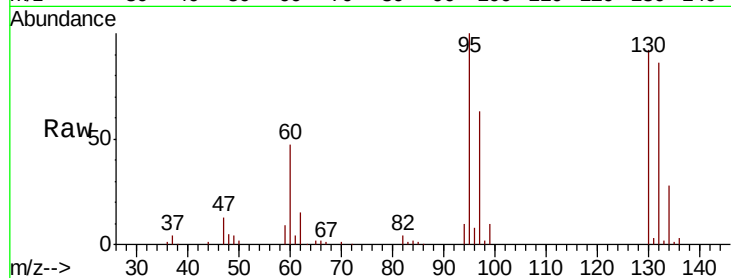
DUP02-20181206

Tot Ion:130 Resp: 60808

Ion Ratio Lower Upper

130 100

95 109.1 0.0 224.0



Abundance Ion 129.80 (129.50 to 130.50): VU028495.D (-1544) (-)

Ion 94.90 (94.60 to 95.60): VU028495.D (-1544) (-)

6.19

40000

30000

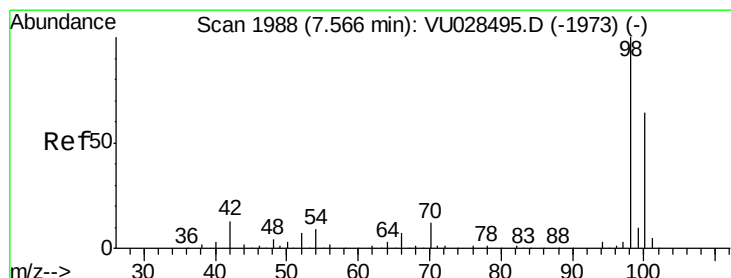
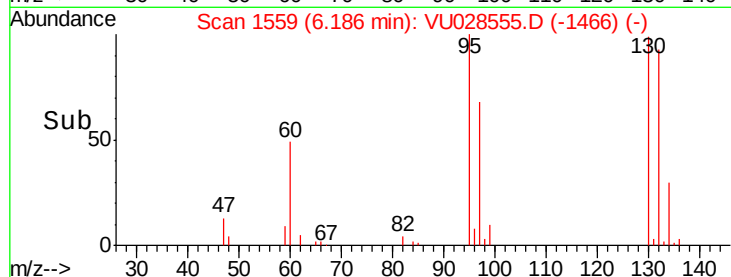
20000

10000

0

Time-->

6.10 6.15 6.20 6.25 6.30



#50

Toluene-d8

Concen: 53.501 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028555.D

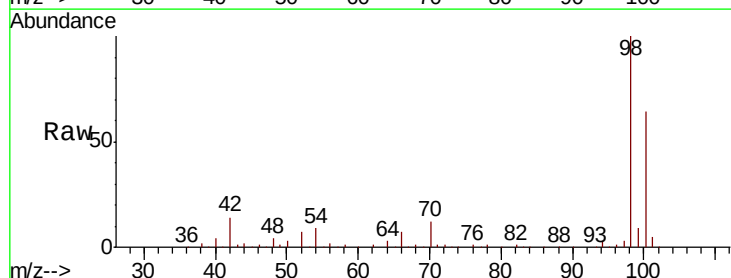
Acq: 10 Dec 2018 16:46

Tgt Ion: 98 Resp: 240468

Ion Ratio Lower Upper

98 100

100 64.0 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU028495.D (-1973) (-)

Ion 100.00 (99.70 to 100.70): VU028495.D (-1973) (-)

7.57

150000

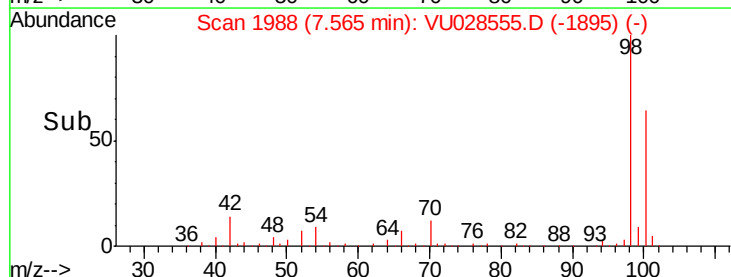
100000

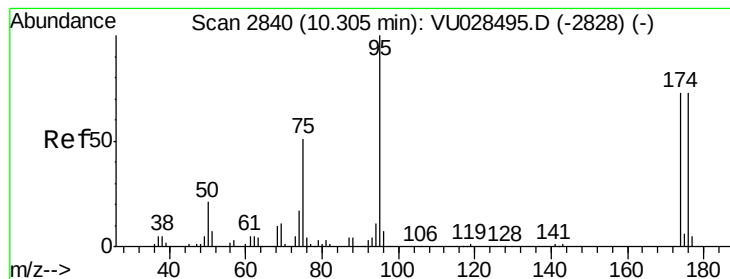
50000

0

Time-->

7.50 7.55 7.60 7.65 7.70





#62

4-Bromofluorobenzene

Concen: 51.313 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028555.D

Acq: 10 Dec 2018 16:46

Instrument :

MSVOA_U

ClientSampleId :

DUP02-20181206

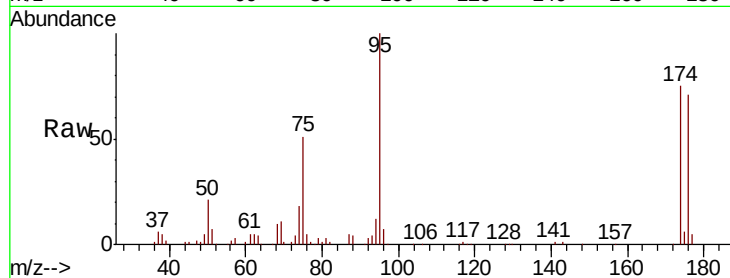
Tot Ion: 95 Resp: 86201

Ion Ratio Lower Upper

95 100

174 75.8 0.0 150.4

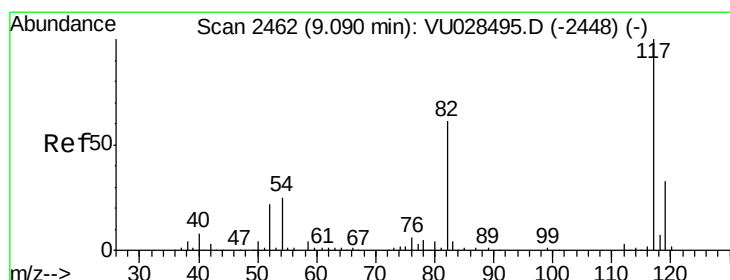
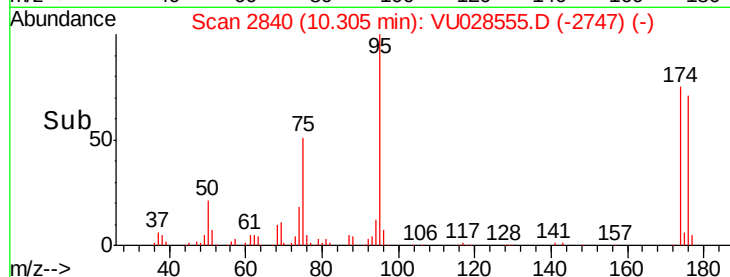
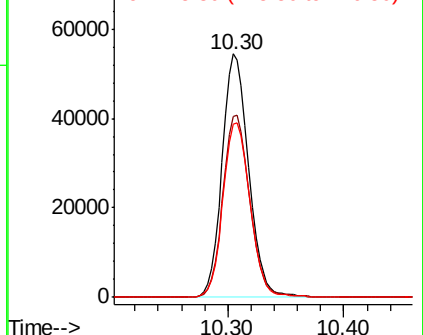
176 73.4 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU028495.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028495.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028495.D (-2828) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU028555.D

Acq: 10 Dec 2018 16:46

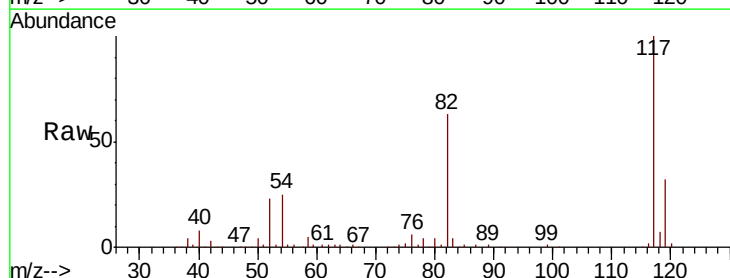
Tgt Ion: 117 Resp: 172645

Ion Ratio Lower Upper

117 100

82 62.5 48.9 73.3

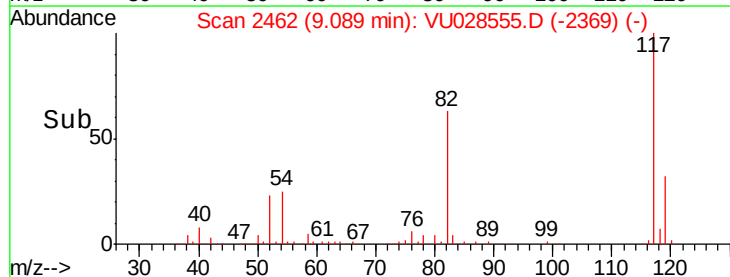
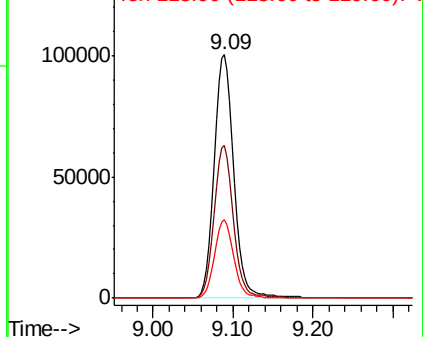
119 32.1 26.2 39.4

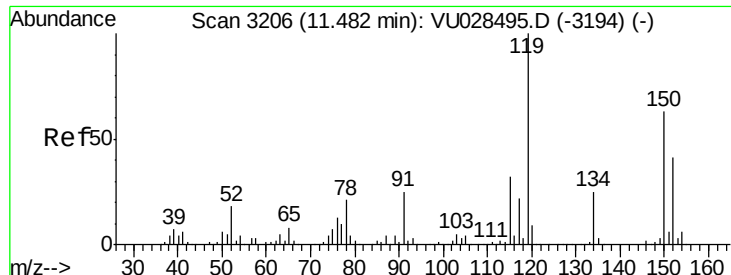


Abundance Ion 116.90 (116.60 to 117.60): VU028495.D (-2448) (-)

Ion 82.00 (81.70 to 82.70): VU028495.D (-2448) (-)

Ion 118.90 (118.60 to 119.60): VU028495.D (-2448) (-)





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3206
 Delta R.T. -0.00 min
 Lab File: VU028555.D
 Acq: 10 Dec 2018 16:46

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP02-20181206

Tot Ion:152 Resp: 80581
 Ion Ratio Lower Upper
 152 100
 115 61.2 42.7 128.1
 150 157.4 0.0 346.0

