

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU120318\
 Data File : VU028444.D
 Acq On : 03 Dec 2018 16:19
 Operator : MD/SY
 Sample : J6148-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-MH-J

Quant Time: Dec 04 07:37:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 01:04:49 2018
 Response via : Initial Calibration

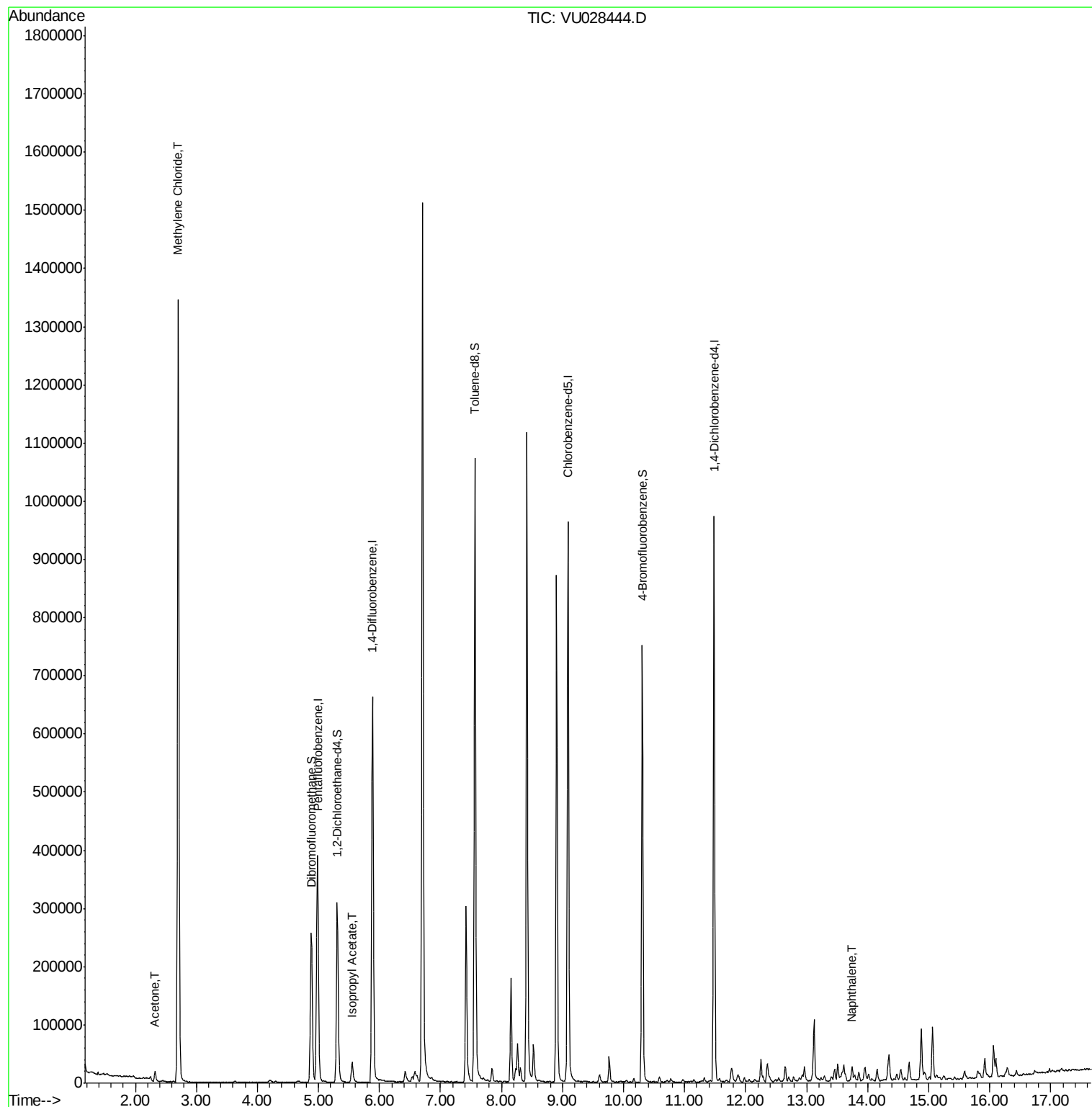
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	287111	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	535578	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	499721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	235481	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	239850	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
35) Dibromofluoromethane	4.88	113	178276	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
50) Toluene-d8	7.57	98	698337	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
62) 4-Bromofluorobenzene	10.30	95	253462	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
Target Compounds						
16) Acetone	2.32	43	17829	6.074	ug/l	94
20) Methylene Chloride	2.70	84	550510	133.094	ug/l	94
43) Isopropyl Acetate	5.55	43	43147	3.409	ug/l	97
95) Naphthalene	13.75	128	18845	3.732	ug/l	98

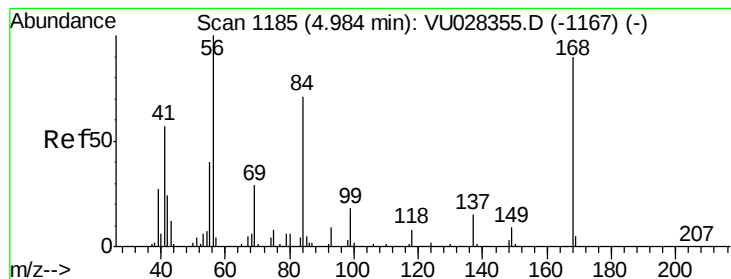
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Nov 29 01:04:49 2018
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: VU028444.D

Acq: 03 Dec 2018 16:19

Instrument :

MSVOA_U

ClientSampleId :

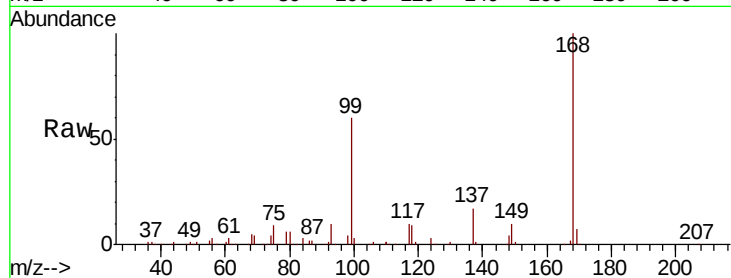
TP-MH-J

Tot Ion:168 Resp: 287111

Ion Ratio Lower Upper

168 100

99 59.5 49.6 74.4



Abundance Ion 167.90 (167.60 to 168.60): VU028355.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028355.D (-1167) (-)

4.98

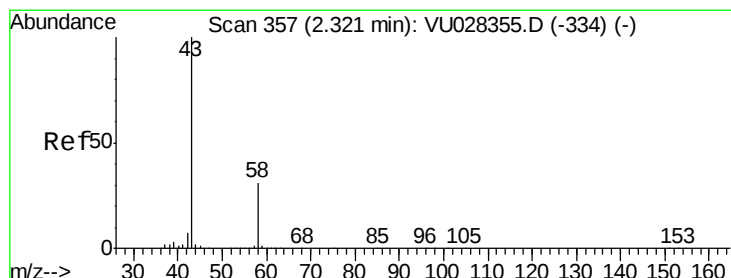
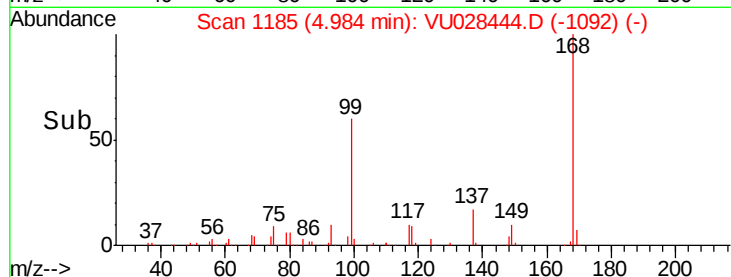
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.074 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU028444.D

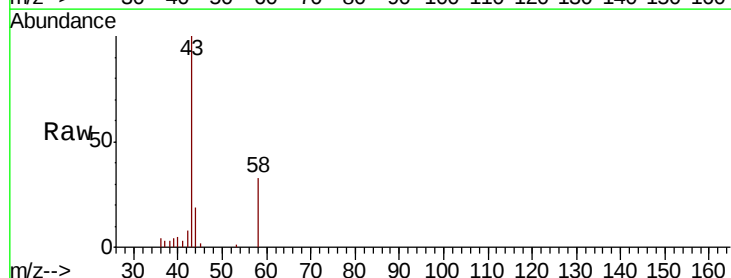
Acq: 03 Dec 2018 16:19

Tgt Ion: 43 Resp: 17829

Ion Ratio Lower Upper

43 100

58 33.5 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU028355.D (-334) (-)

Ion 58.00 (57.70 to 58.70): VU028355.D (-334) (-)

2.32

12000

10000

8000

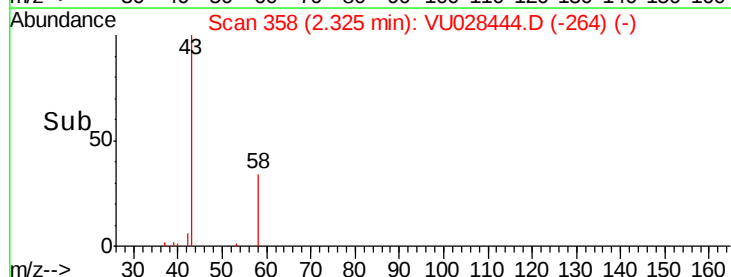
6000

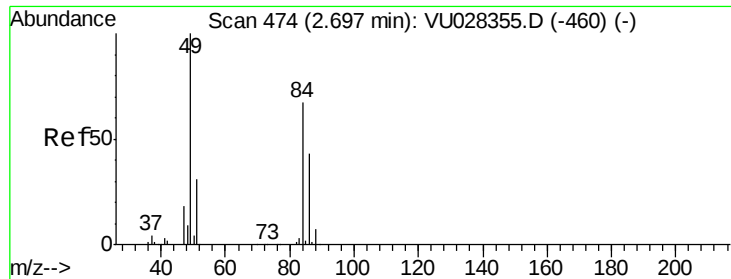
4000

2000

0

Time-->

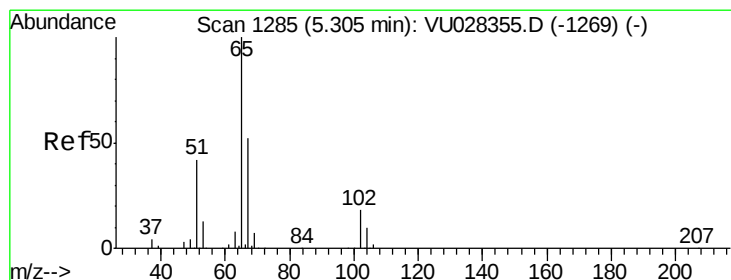
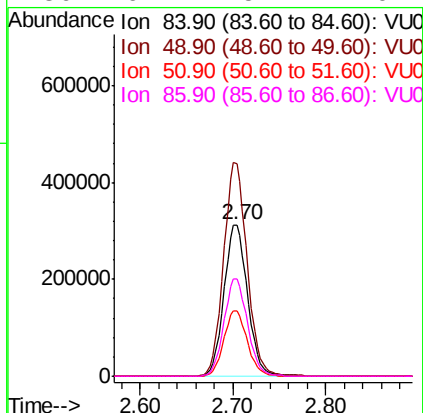
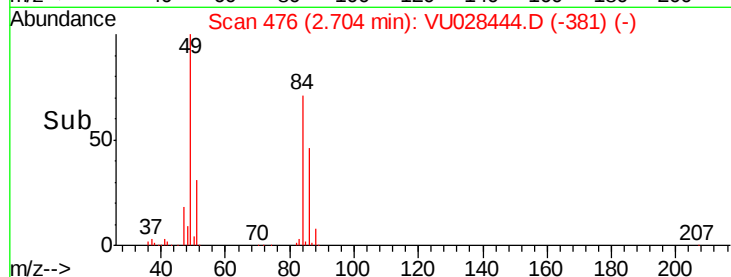
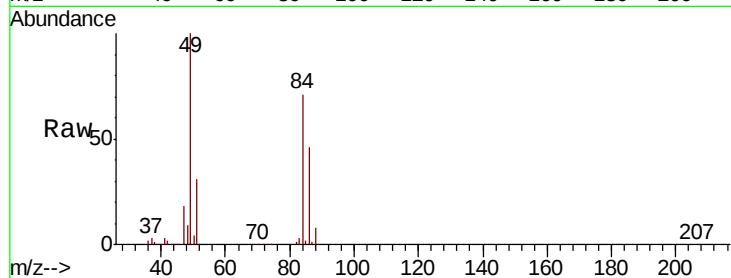




#20
Methvlene Chloride
Concen: 133.094 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.01 min
Lab File: VU028444.D
Acq: 03 Dec 2018 16:19

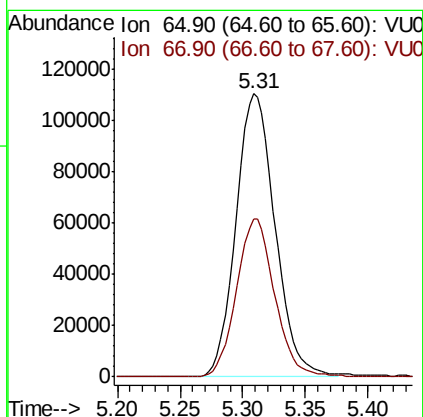
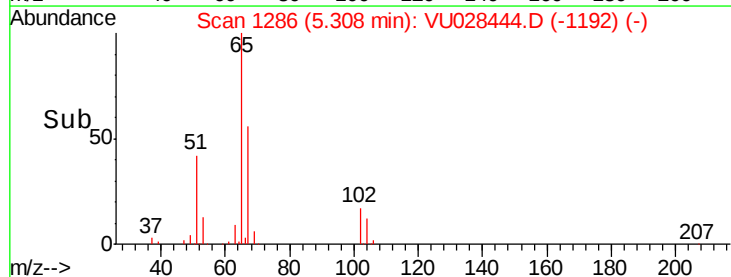
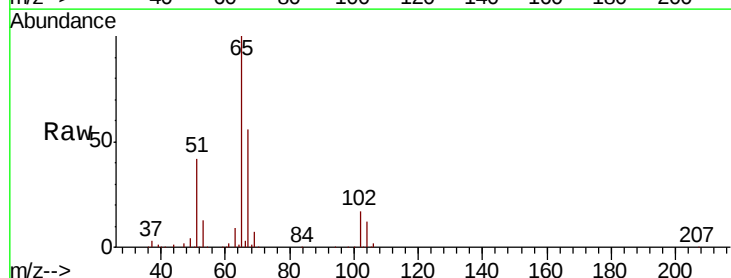
Instrument :
MSVOA_U
ClientSampleId :
TP-MH-J

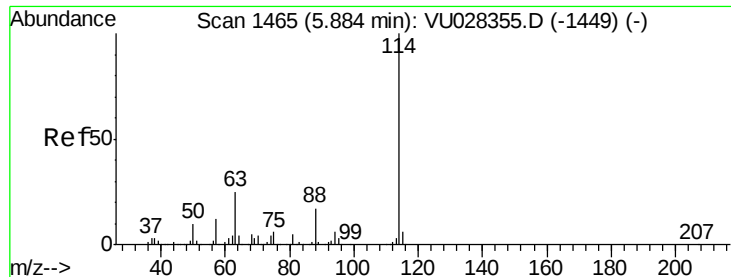
Tot Ion:	84	Resp:	550510
Ion	Ratio	Lower	Upper
84	100		
49	140.0	120.0	180.0
51	42.7	36.9	55.3
86	64.4	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 49.986 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU028444.D
Acq: 03 Dec 2018 16:19

Tgt Ion:	65	Resp:	239850
Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	106.8

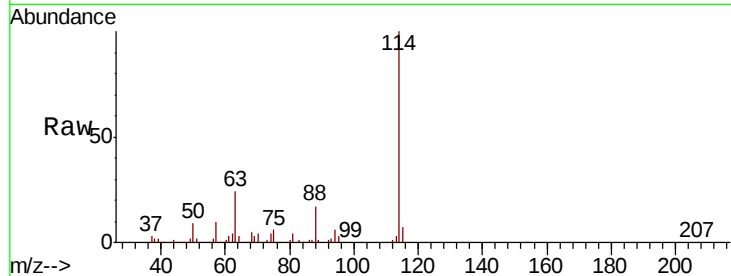




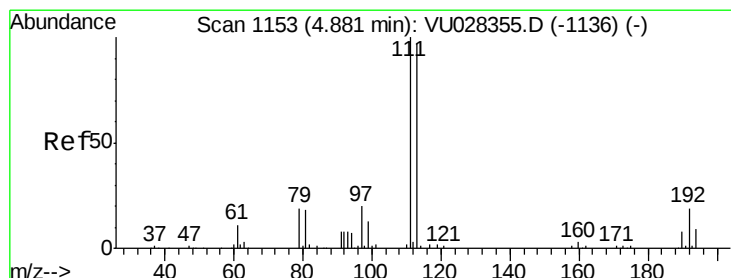
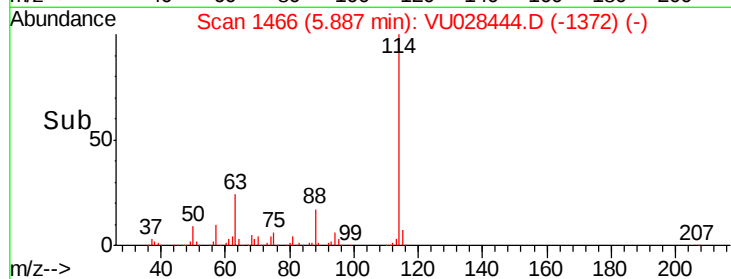
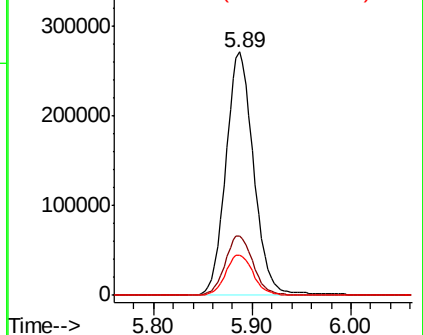
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028444.D
 Acq: 03 Dec 2018 16:19

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-MH-J

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.4	0.0	50.0
88	16.6	0.0	34.4

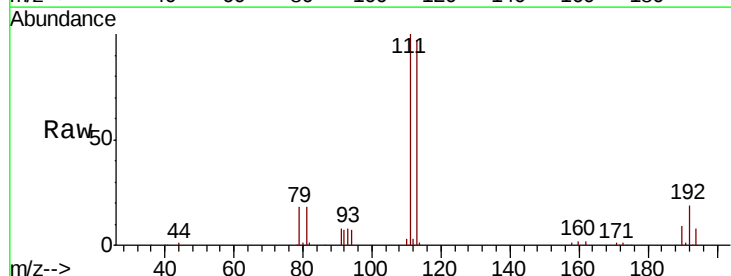


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

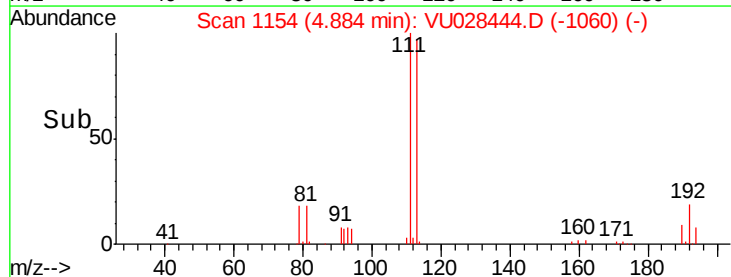
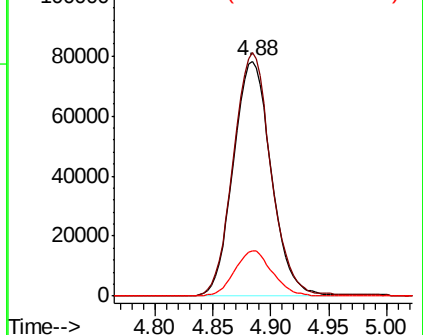


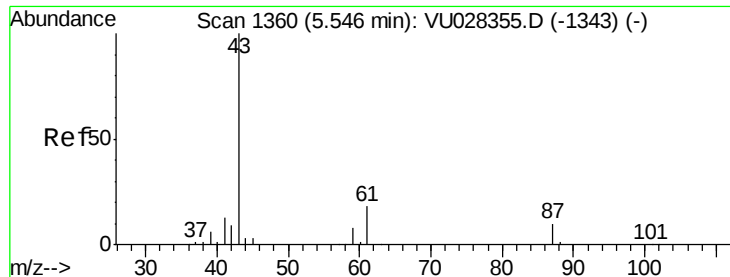
#35
 Dibromofluoromethane
 Concen: 50.058 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU028444.D
 Acq: 03 Dec 2018 16:19

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.9	124.3
192	19.2	15.4	23.0



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





#43

Isopropyl Acetate

Concen: 3.409 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.01 min

Lab File: VU028444.D

Acq: 03 Dec 2018 16:19

Instrument :

MSVOA_U

ClientSampleId :

TP-MH-J

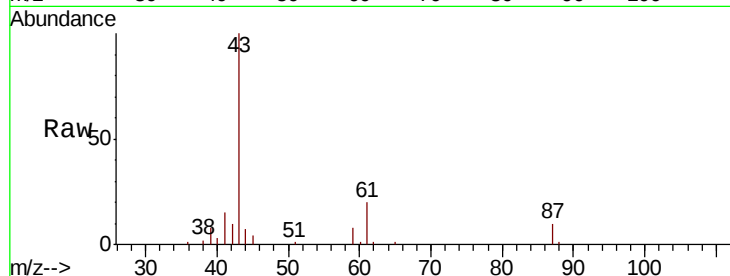
Tot Ion: 43 Resp: 43147

Ion Ratio Lower Upper

43 100

61 19.6 14.5 21.7

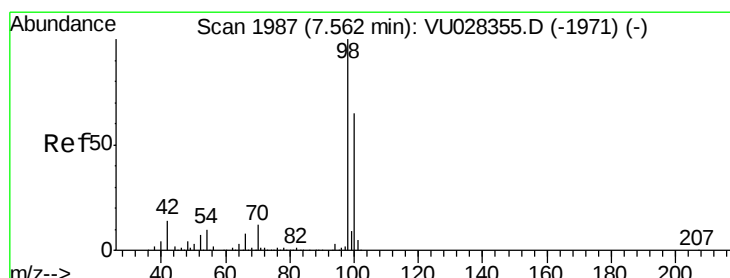
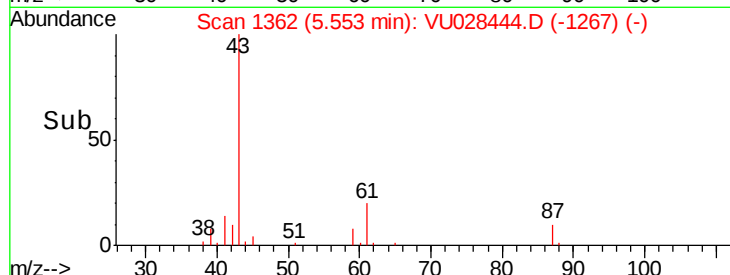
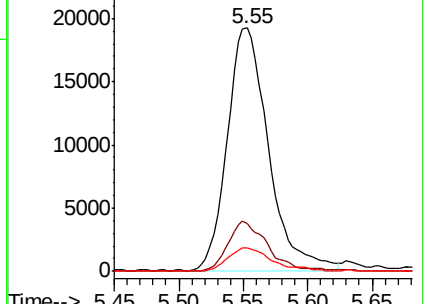
87 10.2 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#50

Toluene-d8

Concen: 49.030 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU028444.D

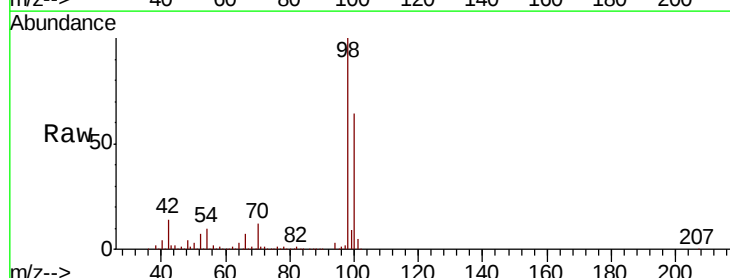
Acq: 03 Dec 2018 16:19

Tgt Ion: 98 Resp: 698337

Ion Ratio Lower Upper

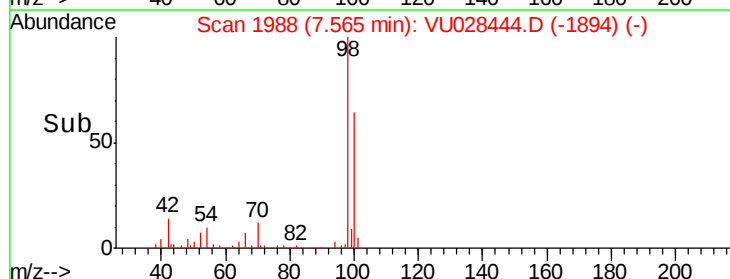
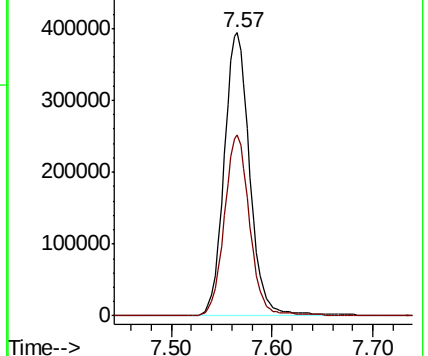
98 100

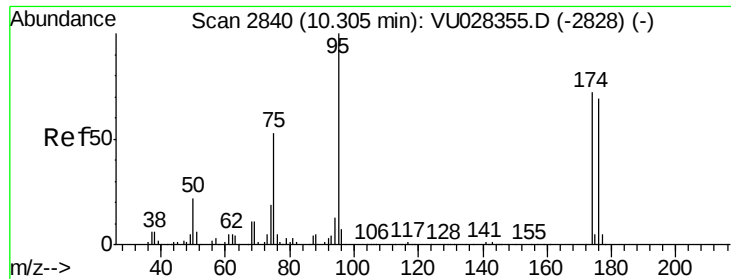
100 63.8 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#62

4-Bromofluorobenzene

Concen: 49.373 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU028444.D

Acq: 03 Dec 2018 16:19

Instrument :

MSVOA_U

ClientSampleId :

TP-MH-J

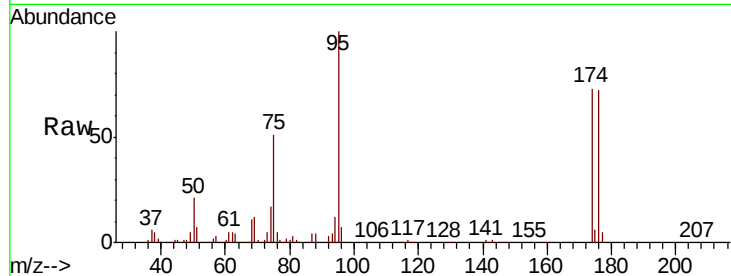
Tot Ion: 95 Resp: 253462

Ion Ratio Lower Upper

95 100

174 74.2 0.0 145.4

176 72.3 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU028355.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028355.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028355.D (-2828) (-)

10.30

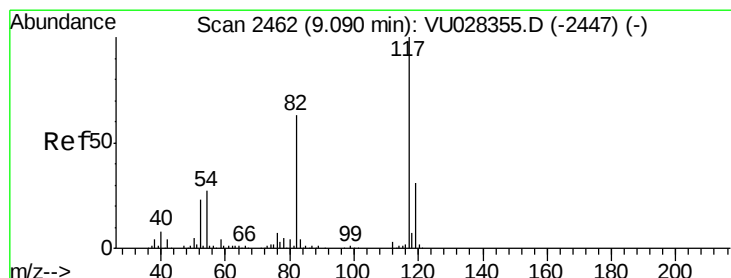
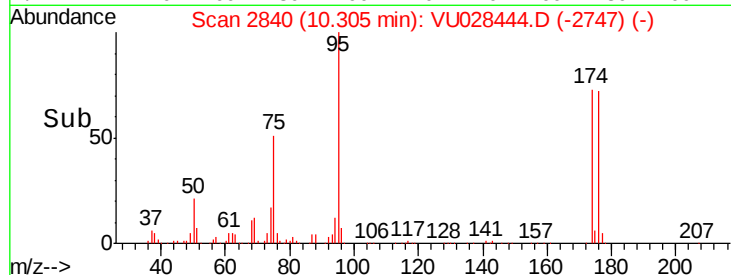
150000

100000

50000

0

Time--> 10.20 10.30 10.40



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VU028444.D

Acq: 03 Dec 2018 16:19

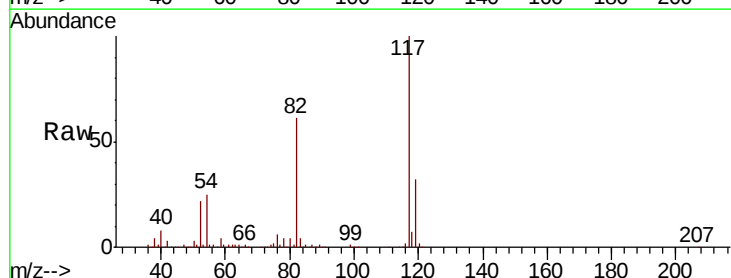
Tgt Ion: 117 Resp: 499721

Ion Ratio Lower Upper

117 100

82 61.3 50.3 75.5

119 31.7 24.8 37.2



Abundance Ion 116.90 (116.60 to 117.60): VU028355.D (-2447) (-)

Ion 82.00 (81.70 to 82.70): VU028355.D (-2447) (-)

Ion 118.90 (118.60 to 119.60): VU028355.D (-2447) (-)

9.09

400000

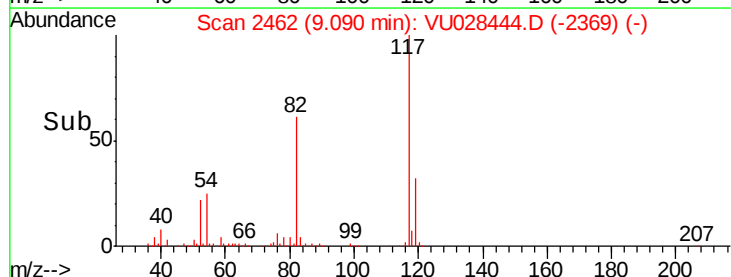
300000

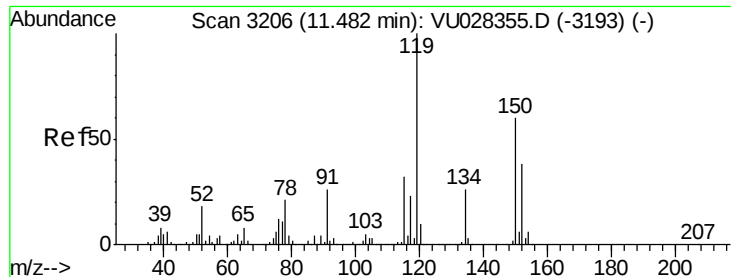
200000

100000

0

Time--> 9.00 9.10 9.20





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VU028444.D

Acq: 03 Dec 2018 16:19

Instrument :

MSVOA_U

ClientSampleId :

TP-MH-J

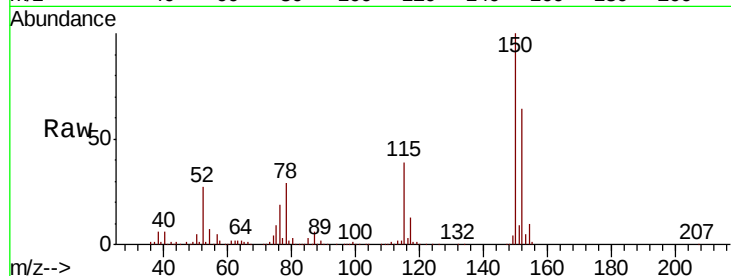
Tot Ion:152 Resp: 235481

Ion Ratio Lower Upper

152 100

115 60.3 45.0 134.8

150 156.0 0.0 349.2

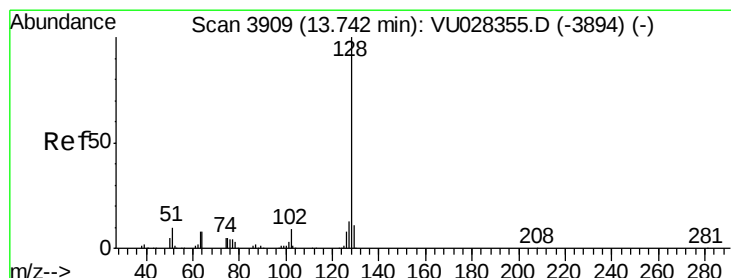
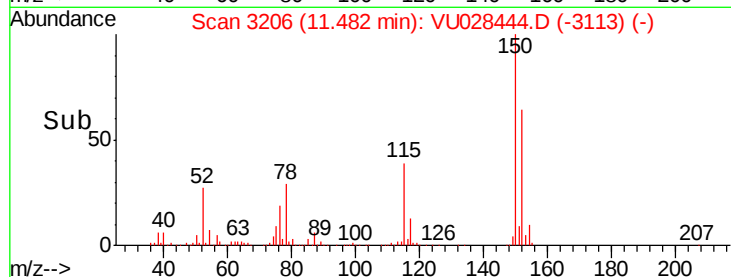
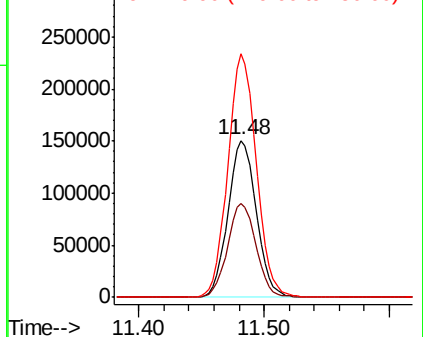


Abundance

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



#95

Naphthalene

Concen: 3.732 ug/l

RT: 13.75 min Scan# 3910

Delta R.T. 0.00 min

Lab File: VU028444.D

Acq: 03 Dec 2018 16:19

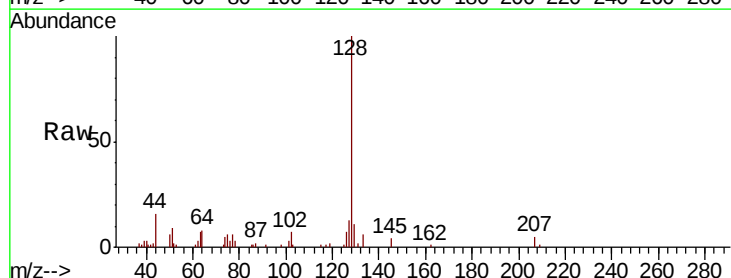
Tgt Ion:128 Resp: 18845

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 12.3 8.6 12.8



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

