

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU120318\
 Data File : VU028446.D
 Acq On : 03 Dec 2018 17:05
 Operator : MD/SY
 Sample : J5764-24
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 JC-02-113018-B

Quant Time: Dec 04 07:40:05 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

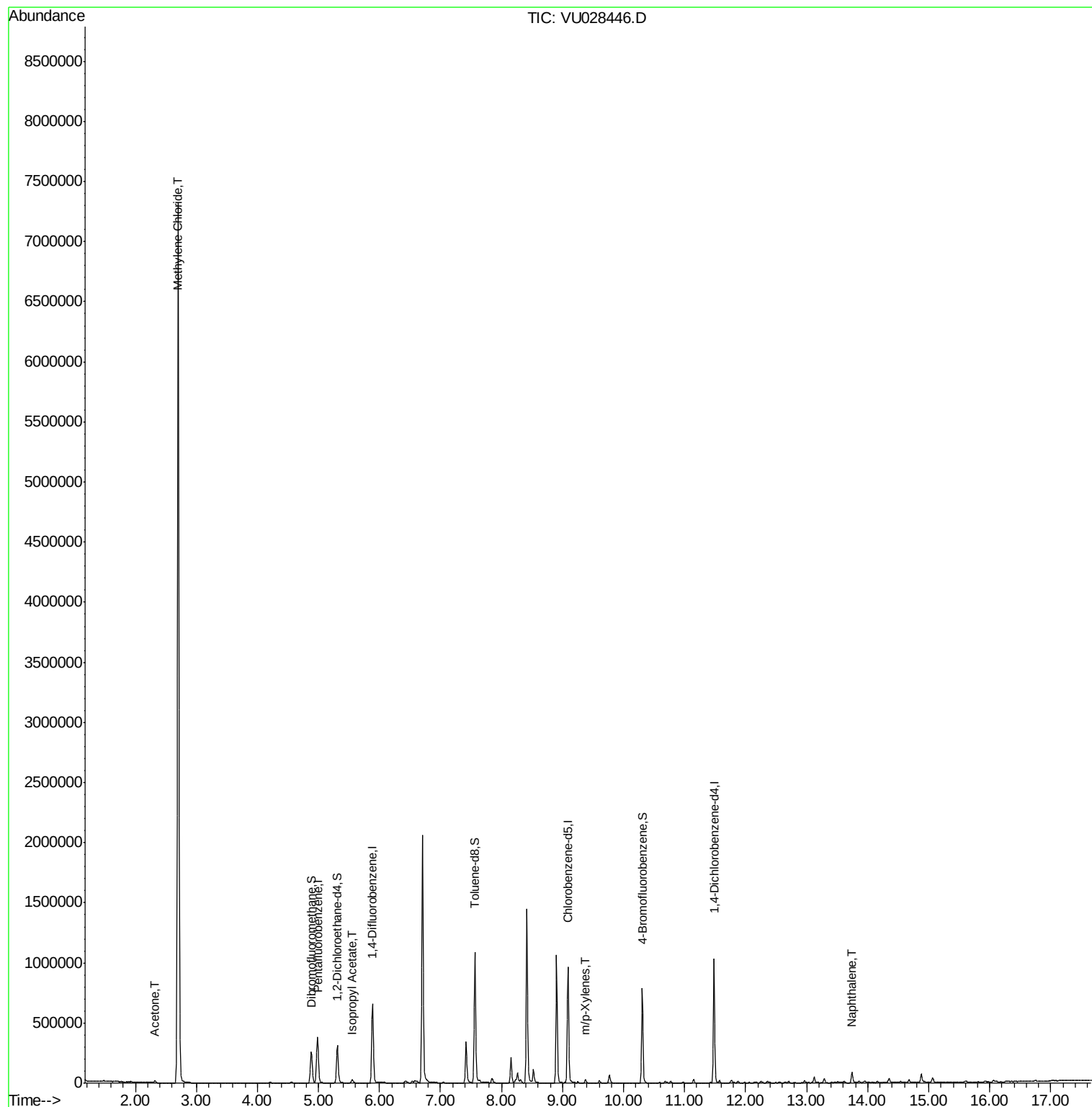
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	285160	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	534574	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	513140	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	247351	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	242371	50.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.72%	
35) Dibromofluoromethane	4.88	113	178527	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
50) Toluene-d8	7.57	98	705401	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.24%	
62) 4-Bromofluorobenzene	10.31	95	259878	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
Target Compounds						
16) Acetone	2.32	43	16978	5.824	ug/l	100
20) Methylene Chloride	2.70	84	2971255	723.590	ug/l	96
43) Isopropyl Acetate	5.55	43	34900	2.763	ug/l	98
68) m/p-Xylenes	9.38	106	8493	1.176	ug/l	78
95) Naphthalene	13.74	128	73879	6.183	ug/l	99

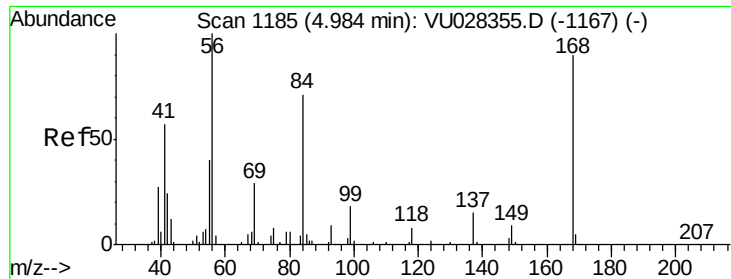
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028446.D

Acq: 03 Dec 2018 17:05

Instrument :

MSVOA_U

ClientSampleId :

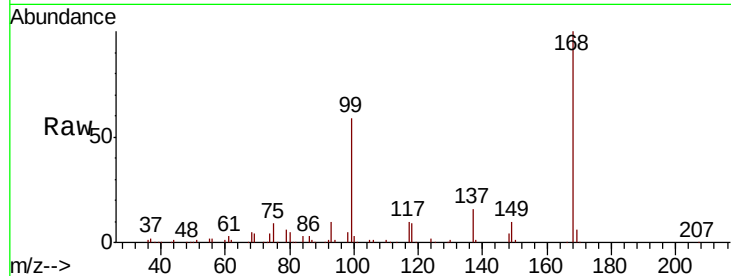
JC-02-113018-B

Tot Ion:168 Resp: 285160

Ion Ratio Lower Upper

168 100

99 59.4 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

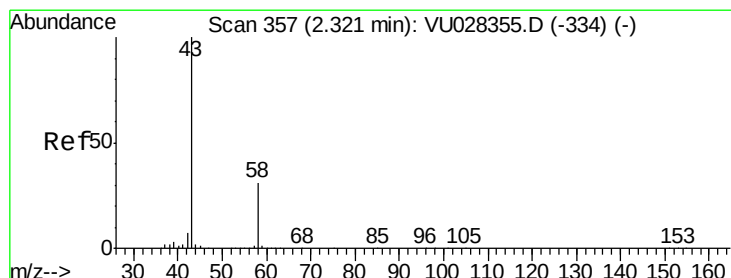
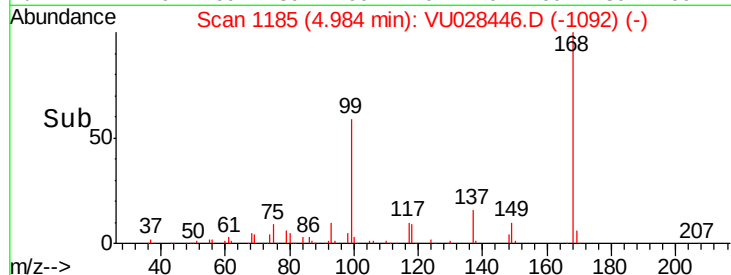
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.824 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028446.D

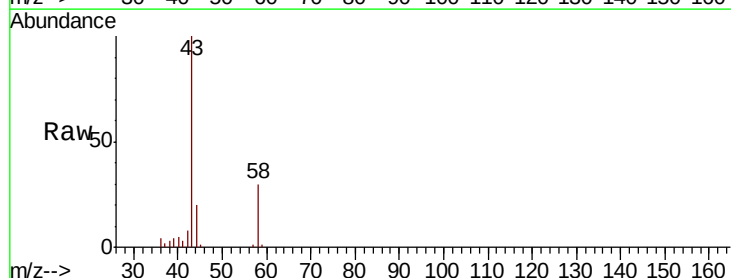
Acq: 03 Dec 2018 17:05

Tgt Ion: 43 Resp: 16978

Ion Ratio Lower Upper

43 100

58 30.3 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

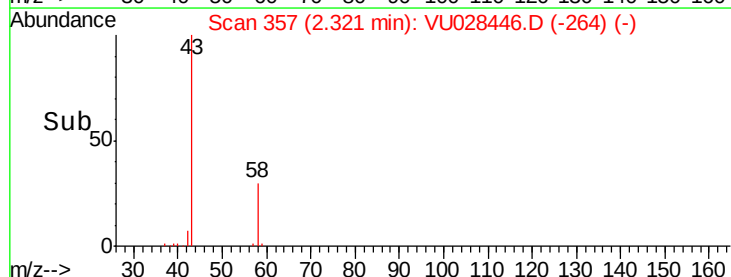
6000

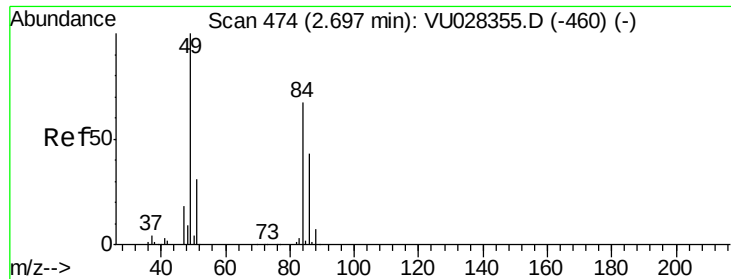
4000

2000

0

Time-->



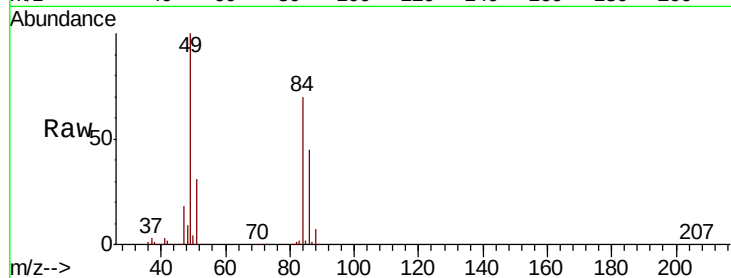


#20
Methylene Chloride
Concen: 723.590 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU028446.D
Acq: 03 Dec 2018 17:05

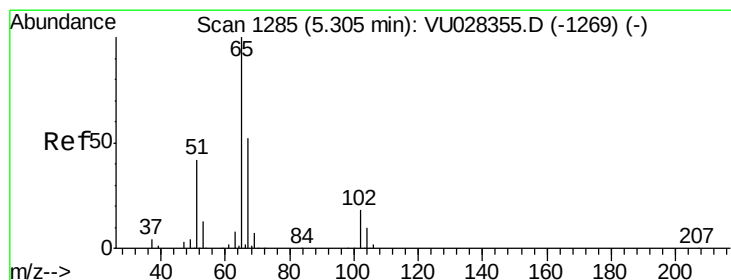
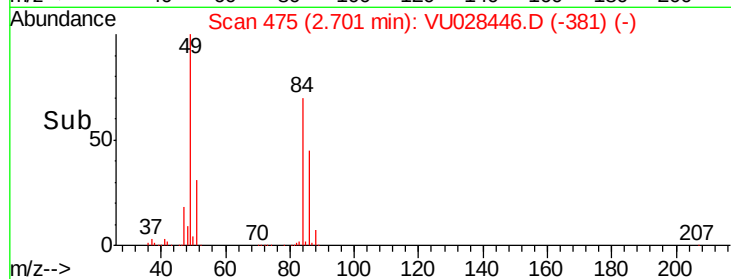
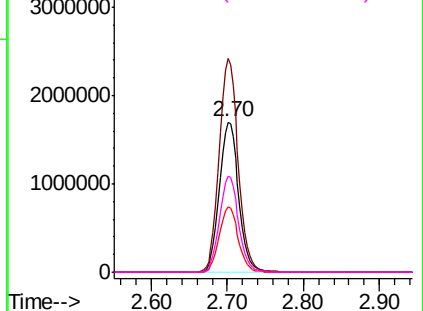
Instrument :
MSVOA_U
ClientSampleId :
JC-02-113018-B

Tot Ion: 84 Resp: 2971255

Ion	Ratio	Lower	Upper
84	100		
49	142.3	120.0	180.0
51	43.4	36.9	55.3
86	64.1	51.1	76.7



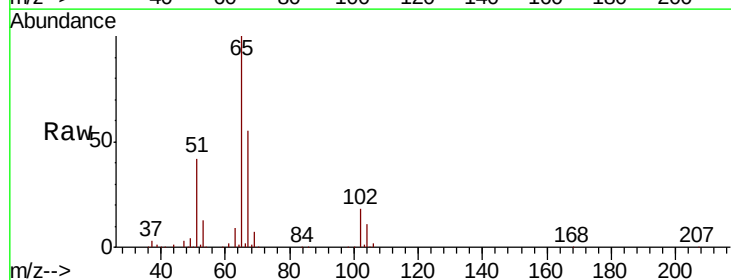
Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0



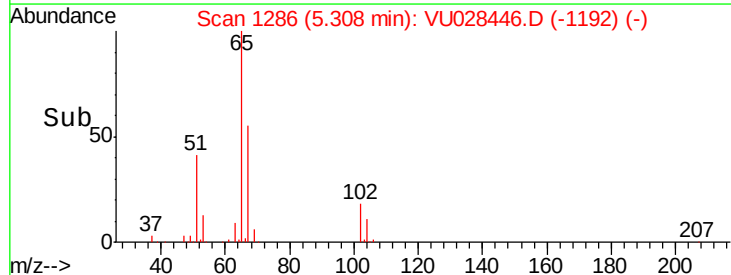
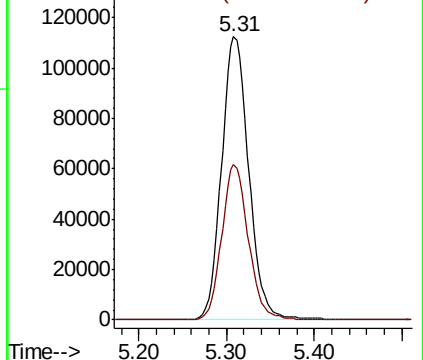
#33
1,2-Dichloroethane-d4
Concen: 50.857 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU028446.D
Acq: 03 Dec 2018 17:05

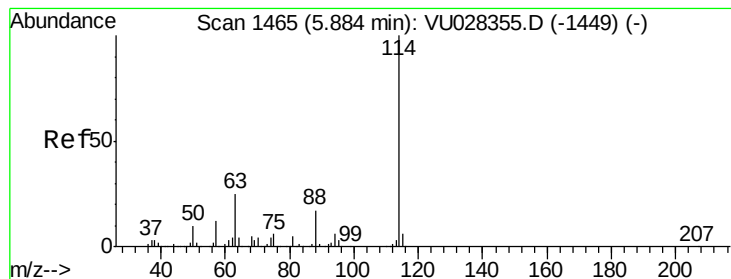
Tgt Ion: 65 Resp: 242371

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	106.8



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# 1466

Delta R.T. 0.00 min

Lab File: VU028446.D

Acq: 03 Dec 2018 17:05

Instrument :

MSVOA_U

ClientSampleId :

JC-02-113018-B

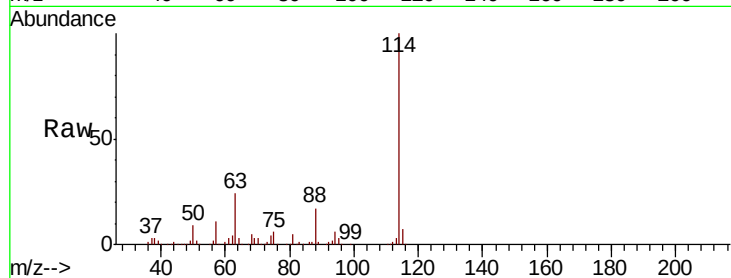
Tot Ion:114 Resp: 534574

Ion Ratio Lower Upper

114 100

63 24.0 0.0 50.0

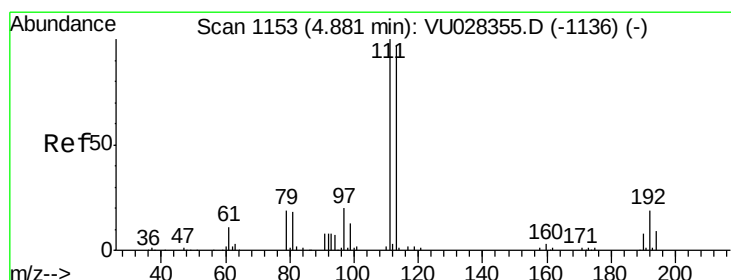
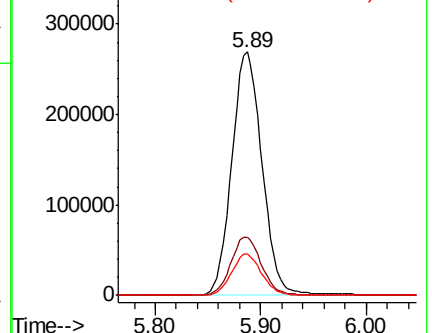
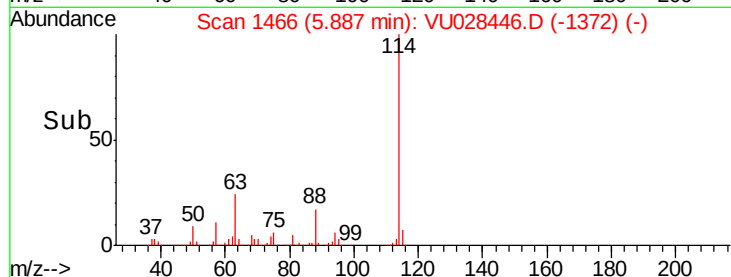
88 16.8 0.0 34.4



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: 50.223 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU028446.D

Acq: 03 Dec 2018 17:05

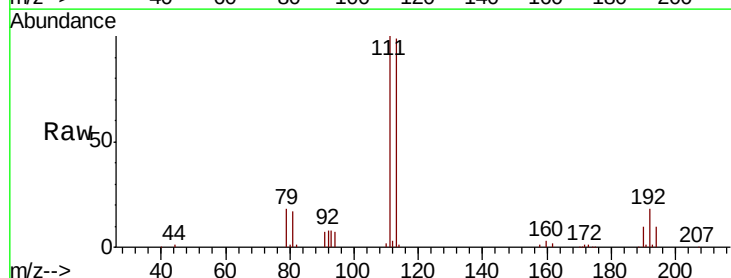
Tgt Ion:113 Resp: 178527

Ion Ratio Lower Upper

113 100

111 102.9 82.9 124.3

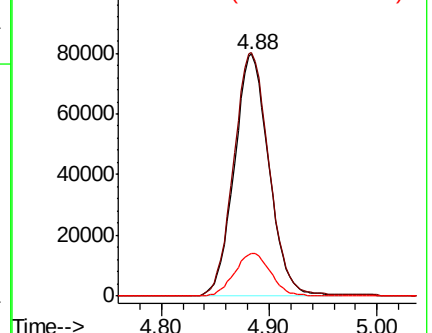
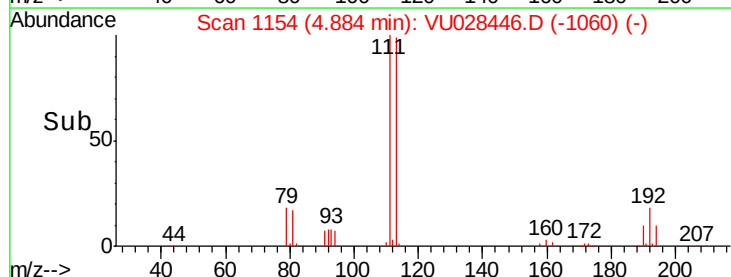
192 18.4 15.4 23.0

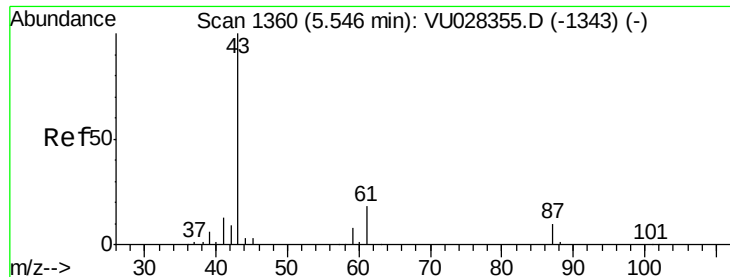


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.763 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.01 min

Lab File: VU028446.D

Acq: 03 Dec 2018 17:05

Instrument :

MSVOA_U

ClientSampleId :

JC-02-113018-B

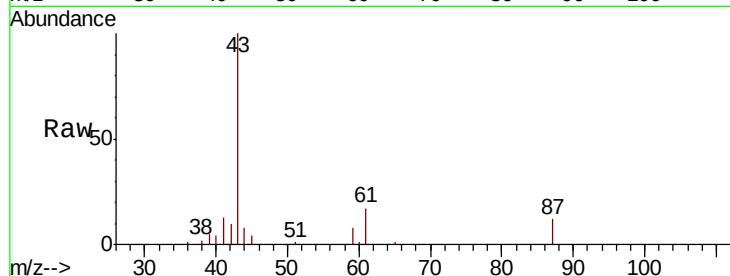
Tot Ion: 43 Resp: 34900

Ion Ratio Lower Upper

43 100

61 17.3 14.5 21.7

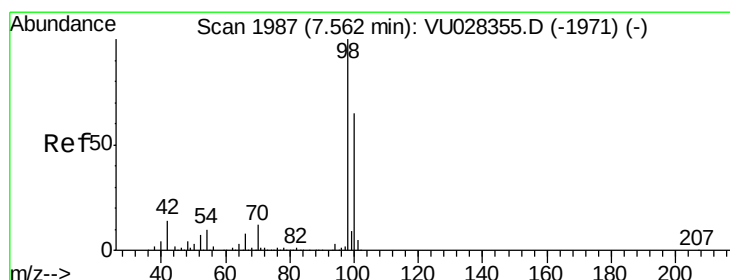
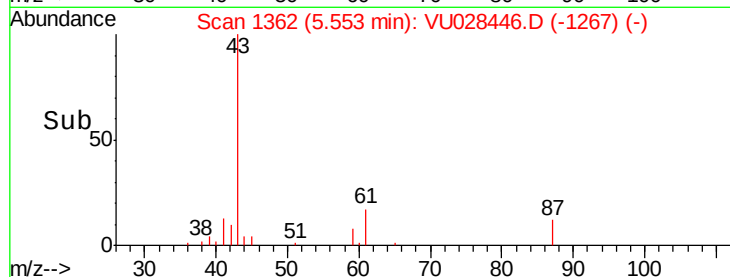
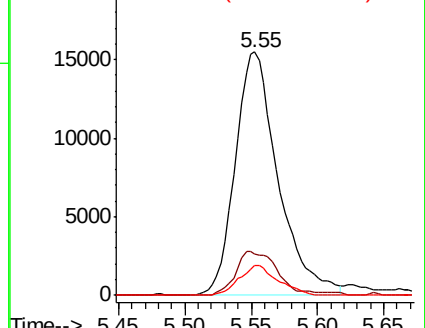
87 11.0 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VU028355.D (-1343) (-)

Ion 61.00 (60.70 to 61.70): VU028355.D (-1343) (-)

Ion 87.00 (86.70 to 87.70): VU028355.D (-1343) (-)



#50

Toluene-d8

Concen: 49.619 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU028446.D

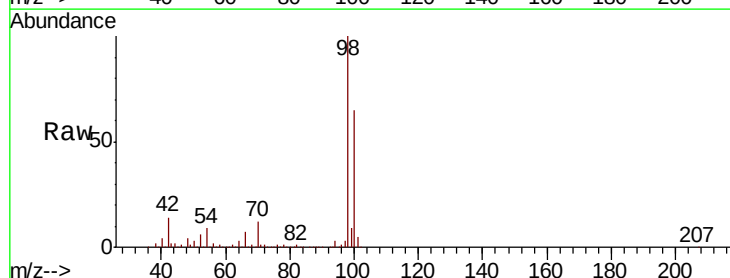
Acq: 03 Dec 2018 17:05

Tgt Ion: 98 Resp: 705401

Ion Ratio Lower Upper

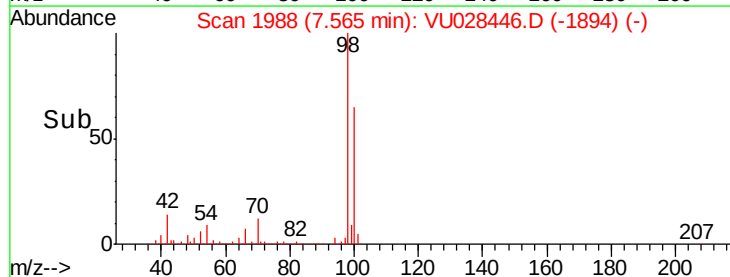
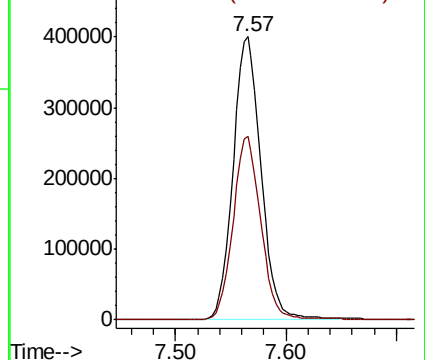
98 100

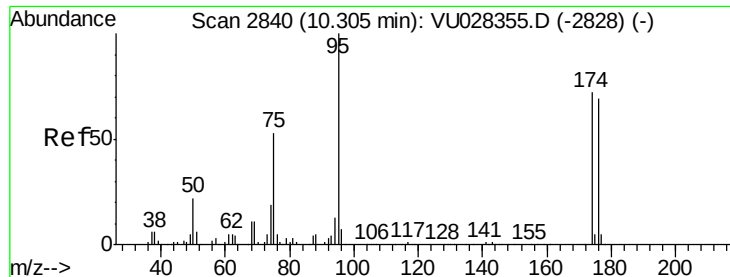
100 63.5 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VU028355.D (-1971) (-)

Ion 100.00 (99.70 to 100.70): VU028355.D (-1971) (-)





#62

4-Bromofluorobenzene

Concen: 50.718 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU028446.D

Acq: 03 Dec 2018 17:05

Instrument :

MSVOA_U

ClientSampleId :

JC-02-113018-B

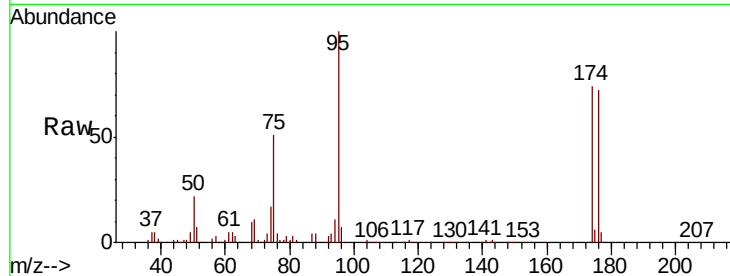
Tot Ion: 95 Resp: 259878

Ion Ratio Lower Upper

95 100

174 75.6 0.0 145.4

176 71.4 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) (-)

10.31

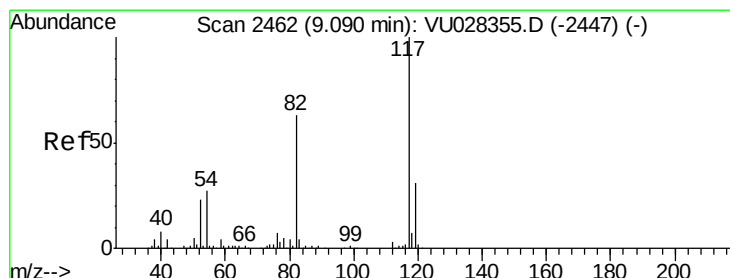
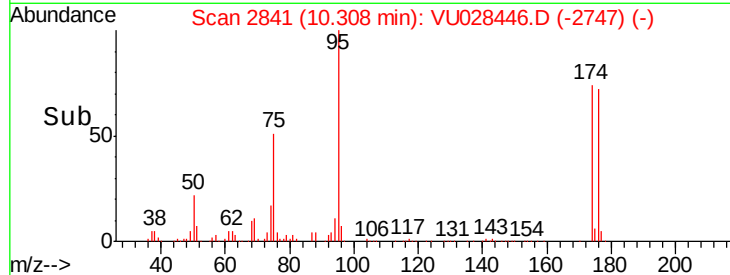
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU028446.D

Acq: 03 Dec 2018 17:05

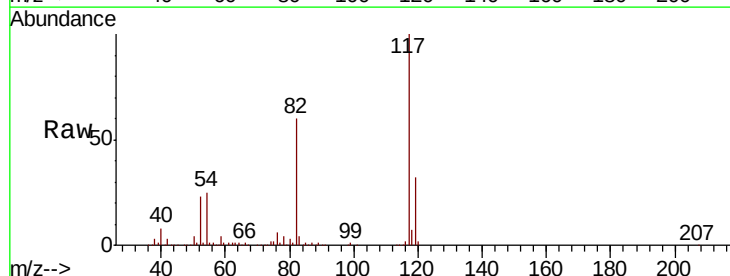
Tgt Ion: 117 Resp: 513140

Ion Ratio Lower Upper

117 100

82 60.0 50.3 75.5

119 31.6 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

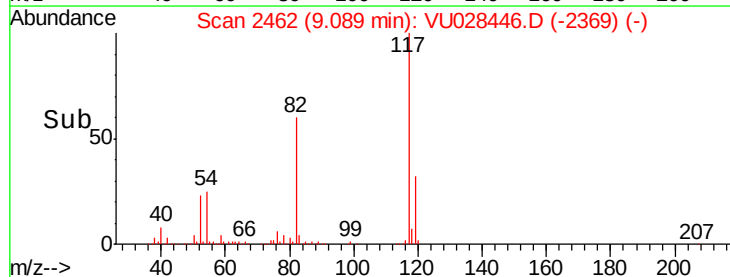
300000

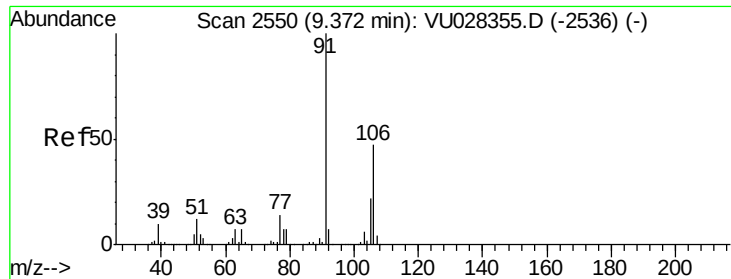
200000

100000

0

Time-->

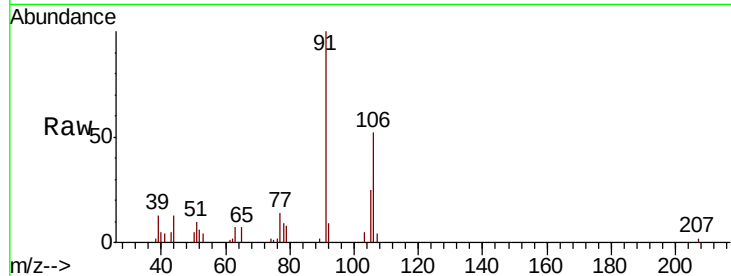




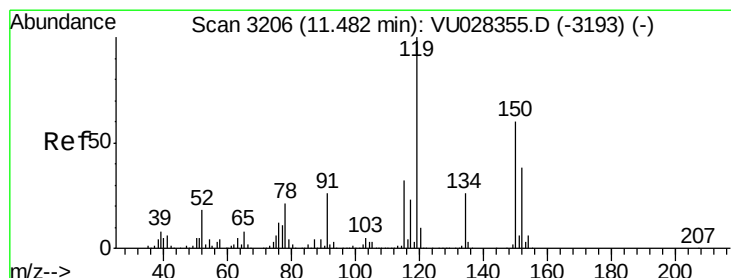
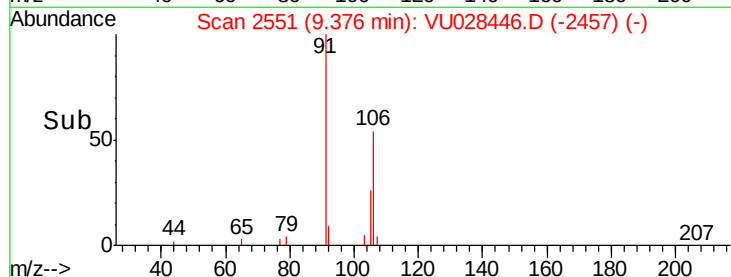
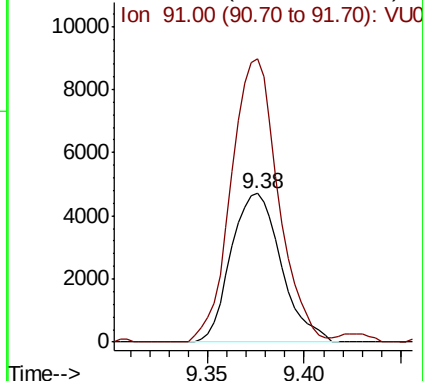
#68
m/p-Xylenes
Concen: 1.176 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU028446.D
Acq: 03 Dec 2018 17:05

Instrument :
MSVOA_U
ClientSampleId :
JC-02-113018-B

Tot Ion:106 Resp: 8493
Ion Ratio Lower Upper
106 100
91 179.1 171.0 256.6

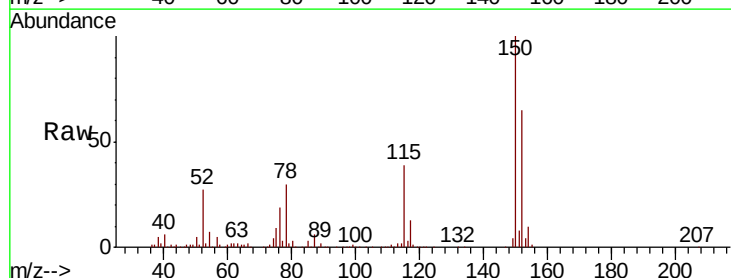


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

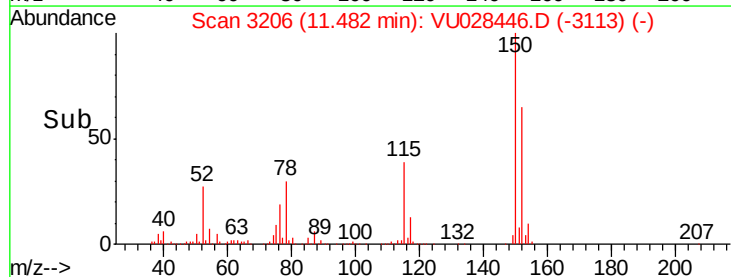
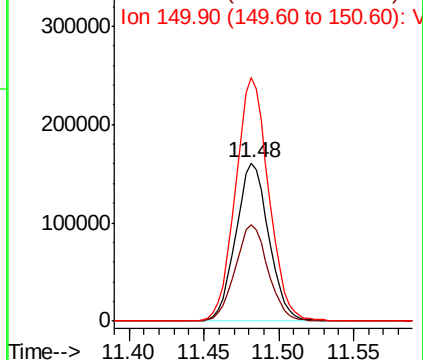


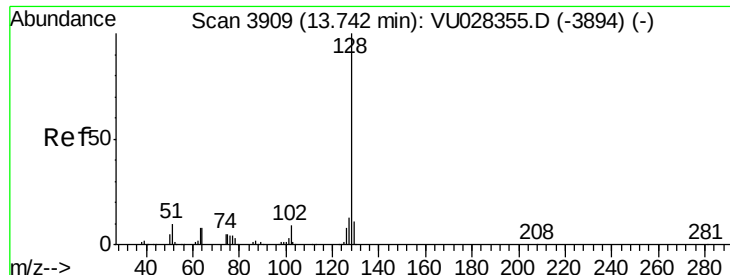
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028446.D
Acq: 03 Dec 2018 17:05

Tgt Ion:152 Resp: 247351
Ion Ratio Lower Upper
152 100
115 61.0 45.0 134.8
150 155.5 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: 6.183 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU028446.D

Acq: 03 Dec 2018 17:05

Instrument :

MSVOA_U

ClientSampleId :

JC-02-113018-B

Tot Ion:128 Resp: 73879

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

129 11.2 8.6 12.8

