

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083119\
 Data File : VU034092.D
 Acq On : 30 Aug 2019 12:48
 Operator : JC/SP
 Sample : K4555-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TW-11

Quant Time: Aug 31 03:54:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 2019
 Response via : Initial Calibration

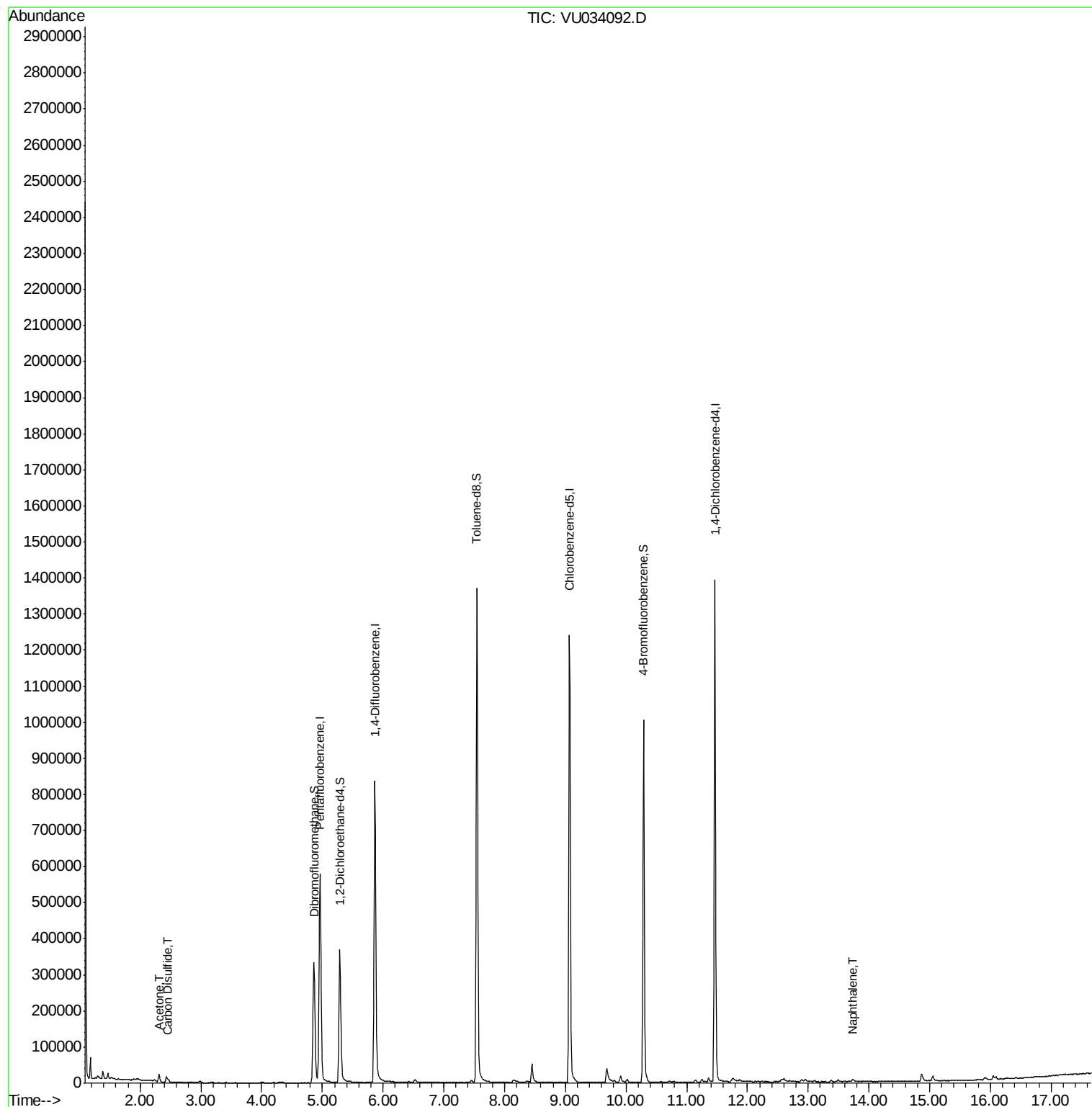
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	474129	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	755206	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	734314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	378928	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	293838	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.74%	
35) Dibromofluoromethane	4.86	113	241780	46.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.32%	
50) Toluene-d8	7.55	98	963352	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
62) 4-Bromofluorobenzene	10.29	95	349321	45.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.58%	
Target Compounds						
16) Acetone	2.31	43	22687	7.319	ug/l	96
17) Carbon Disulfide	2.47	76	6484	0.432	ug/l #	95
95) Naphthalene	13.74	128	9061	2.159	ug/l #	90

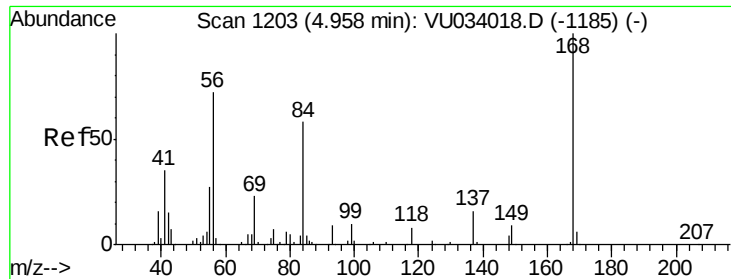
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 29 04:11:12 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034092.D

Acq: 30 Aug 2019 12:48

Instrument :

MSVOA_U

ClientSampled :

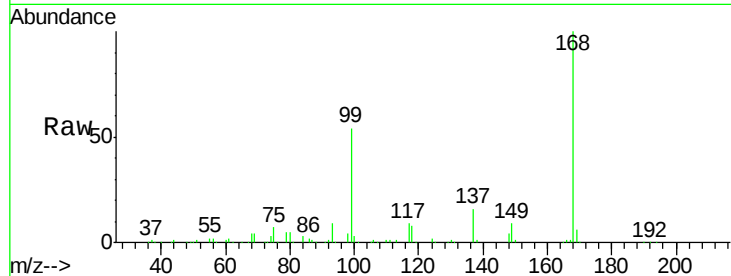
TW-11

Tot Ion:168 Resp: 474129

Ion Ratio Lower Upper

168 100

99 53.7 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034092.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU034092.D (-1185) (-)

4.96

200000

150000

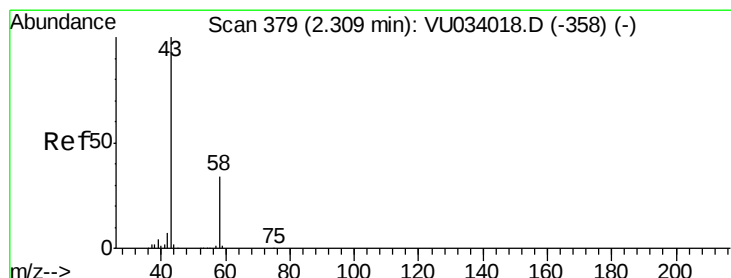
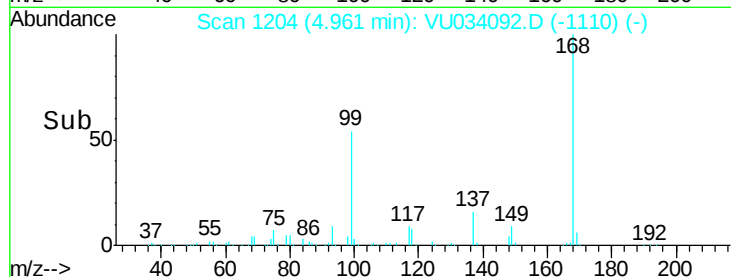
100000

50000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 7.319 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034092.D

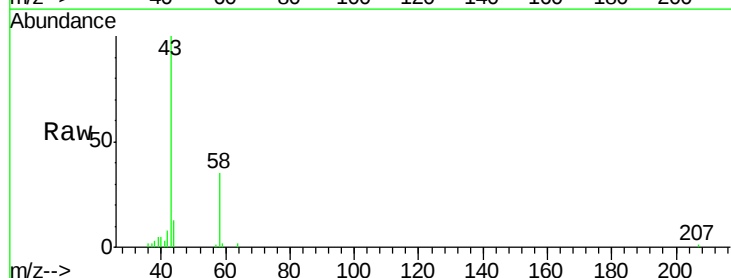
Acq: 30 Aug 2019 12:48

Tgt Ion: 43 Resp: 22687

Ion Ratio Lower Upper

43 100

58 35.5 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VU034092.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034092.D (-286) (-)

2.31

15000

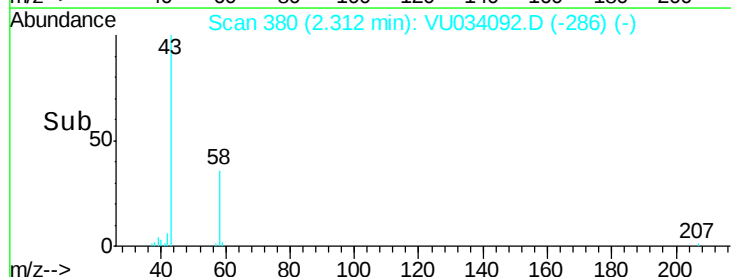
10000

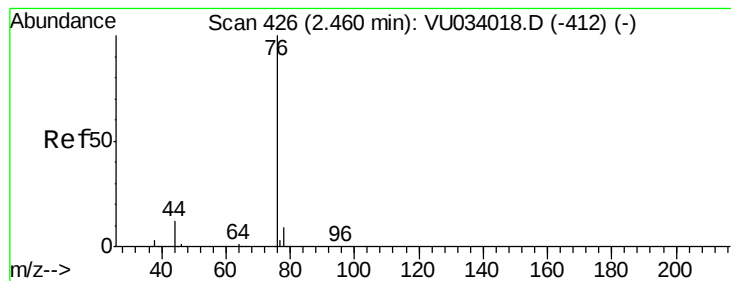
5000

0

2.25 2.30 2.35 2.40

Time-->





#17

Carbon Disulfide

Concen: 0.432 ug/l

RT: 2.47 min Scan# 428

Delta R.T. 0.01 min

Lab File: VU034092.D

Acq: 30 Aug 2019 12:48

Instrument :

MSVOA_U

ClientSampleId :

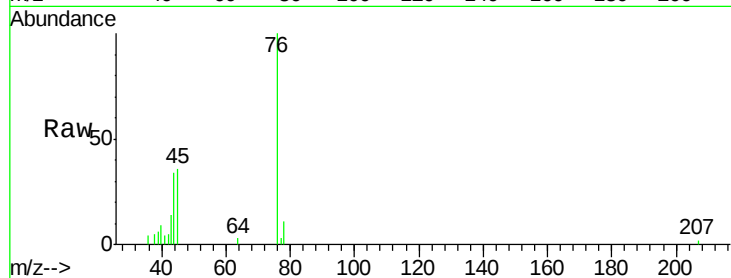
TW-11

Tot Ion: 76 Resp: 6484

Ion Ratio Lower Upper

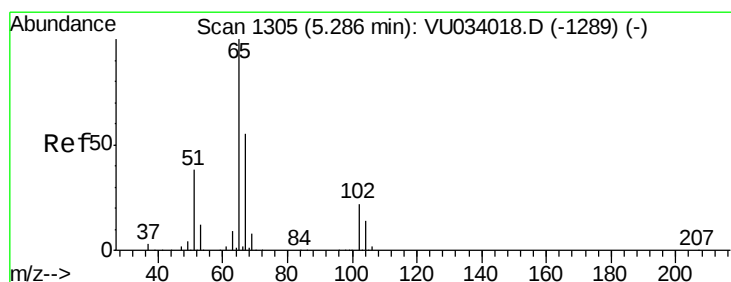
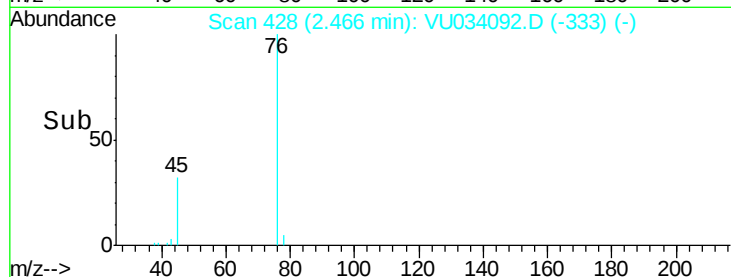
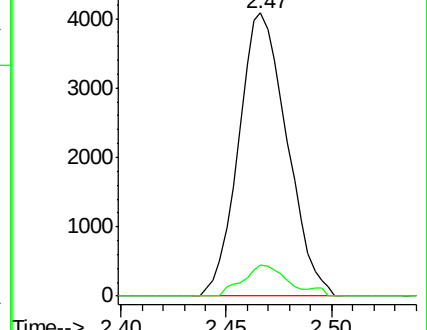
76 100

78 10.9 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VU034018.D (-412) (-)

Ion 77.90 (77.60 to 78.60): VU034018.D (-412) (-)



#33

1,2-Dichloroethane-d4

Concen: 48.367 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034092.D

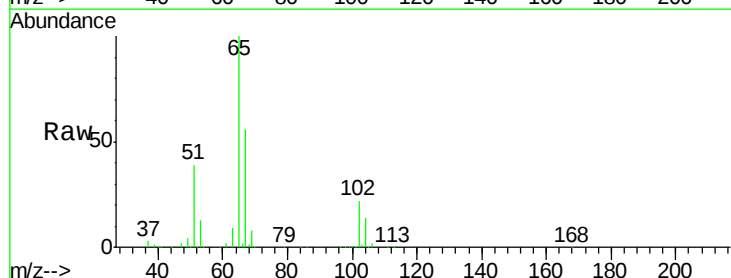
Acq: 30 Aug 2019 12:48

Tgt Ion: 65 Resp: 293838

Ion Ratio Lower Upper

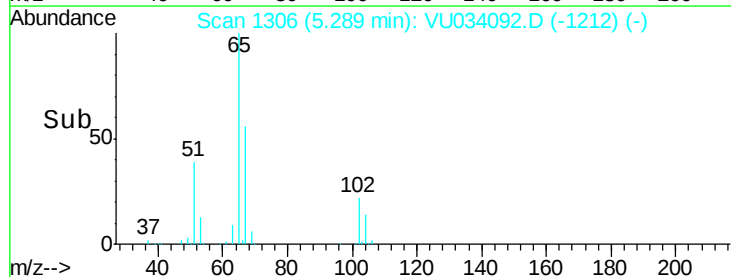
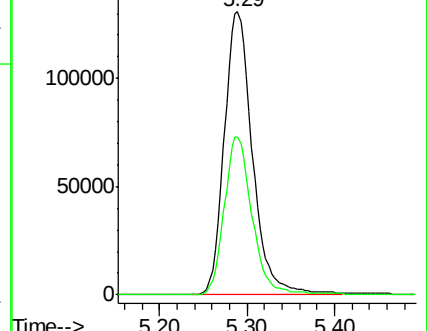
65 100

67 55.2 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU034018.D (-1289) (-)

Ion 66.90 (66.60 to 67.60): VU034018.D (-1289) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034092.D

Acq: 30 Aug 2019 12:48

Instrument :

MSVOA_U

ClientSampleId :

TW-11

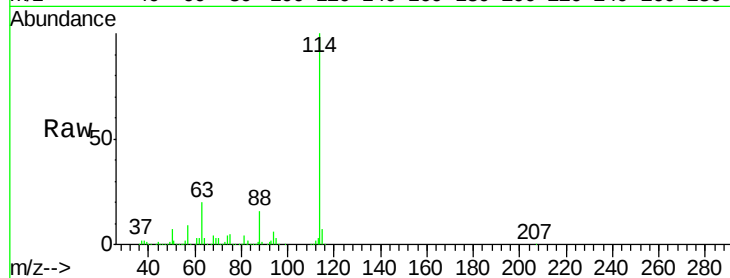
Tot Ion:114 Resp: 755206

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.0

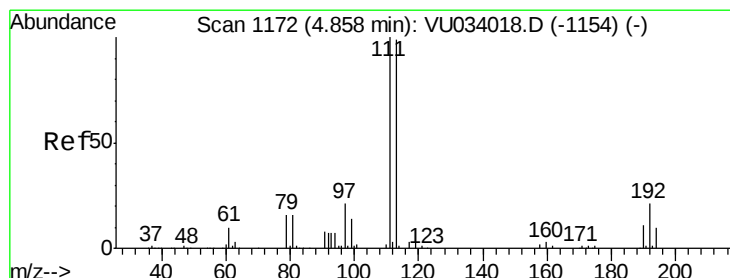
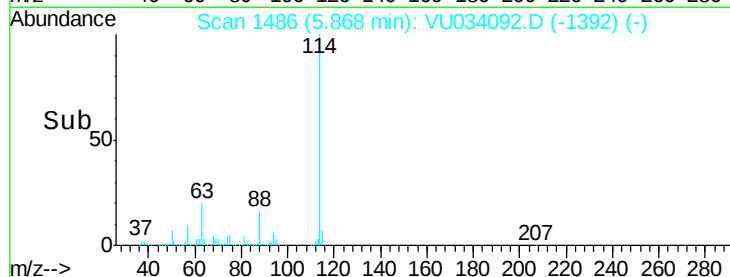
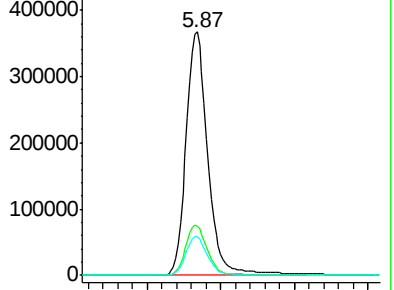
88 16.0 0.0 32.0



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: 46.158 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034092.D

Acq: 30 Aug 2019 12:48

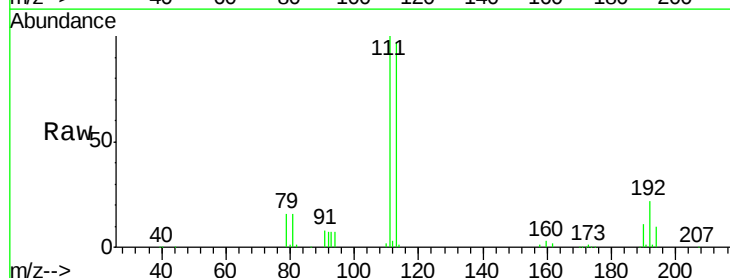
Tgt Ion:113 Resp: 241780

Ion Ratio Lower Upper

113 100

111 104.2 81.7 122.5

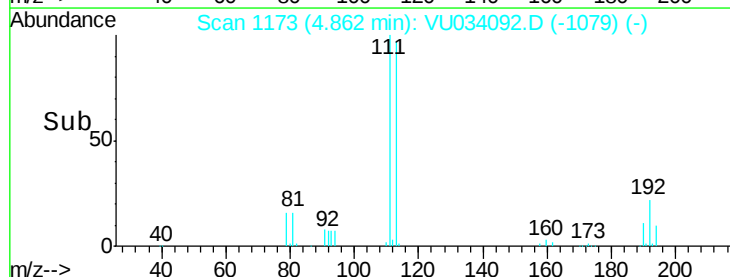
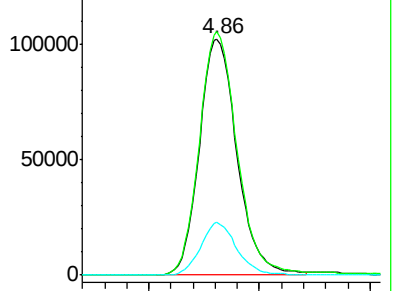
192 21.6 17.1 25.7

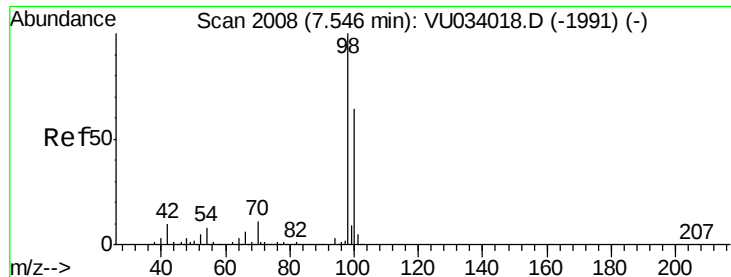


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.118 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034092.D

Acq: 30 Aug 2019 12:48

Instrument :

MSVOA_U

ClientSampleId :

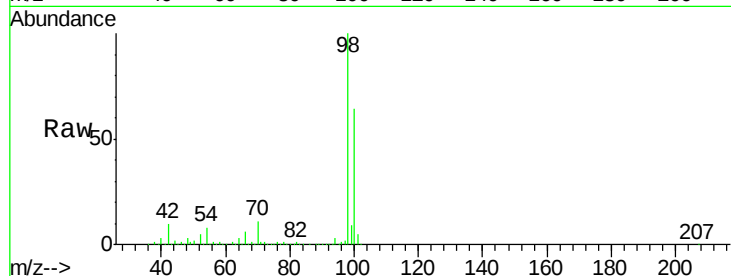
TW-11

Tot Ion: 98 Resp: 963352

Ion Ratio Lower Upper

98 100

100 63.9 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VU034018.D (-1991) (-)

Ion 100.00 (99.70 to 100.70): VU034018.D (-1991) (-)

7.55

600000

500000

400000

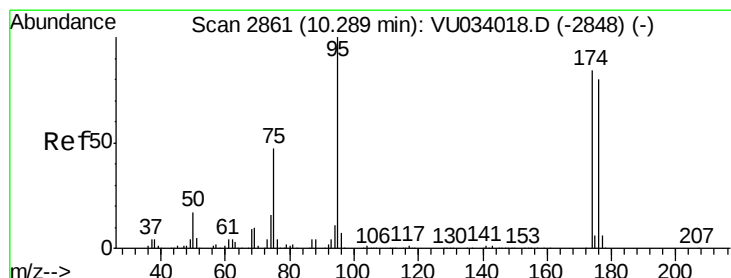
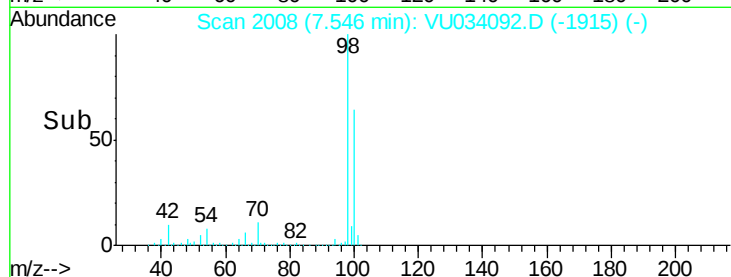
300000

200000

100000

0

Time--> 7.40 7.50 7.60 7.70



#62

4-Bromofluorobenzene

Concen: 45.787 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034092.D

Acq: 30 Aug 2019 12:48

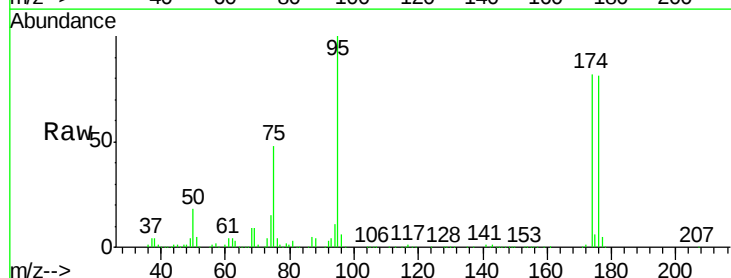
Tgt Ion: 95 Resp: 349321

Ion Ratio Lower Upper

95 100

174 83.3 0.0 168.8

176 81.3 0.0 161.8



Abundance Ion 94.90 (94.60 to 95.60): VU034018.D (-2848) (-)

Ion 173.80 (173.50 to 174.50): VU034018.D (-2848) (-)

Ion 175.80 (175.50 to 176.50): VU034018.D (-2848) (-)

10.29

250000

200000

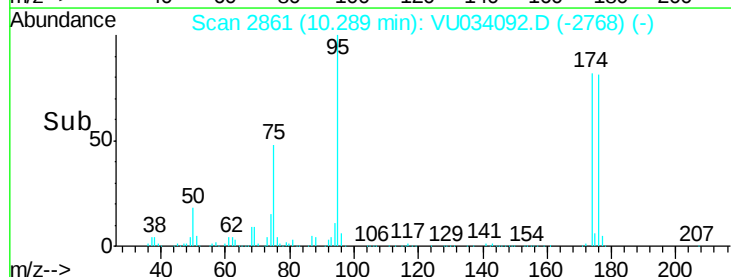
150000

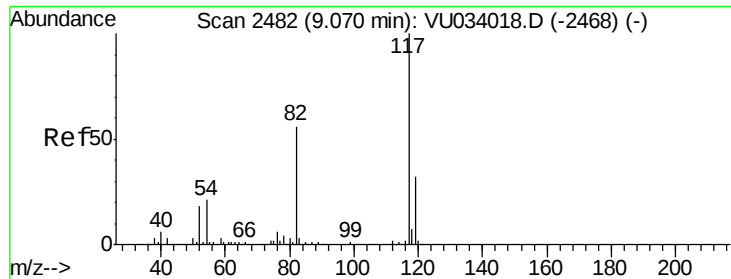
100000

50000

0

Time--> 10.20 10.30 10.40

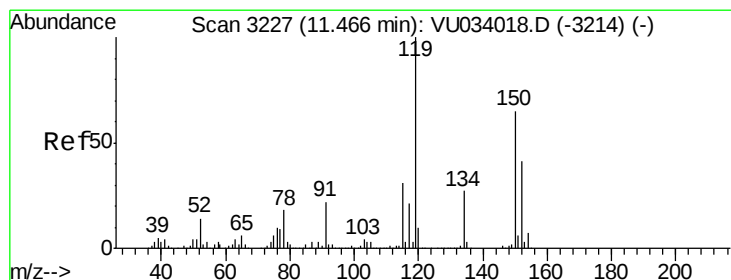
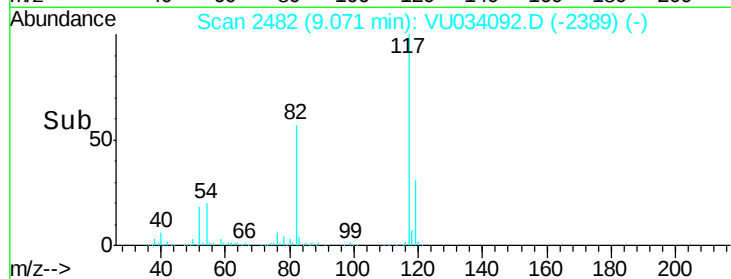
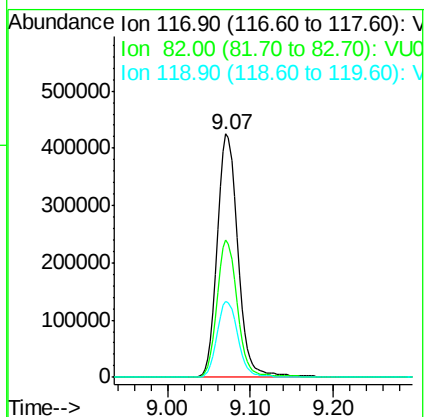
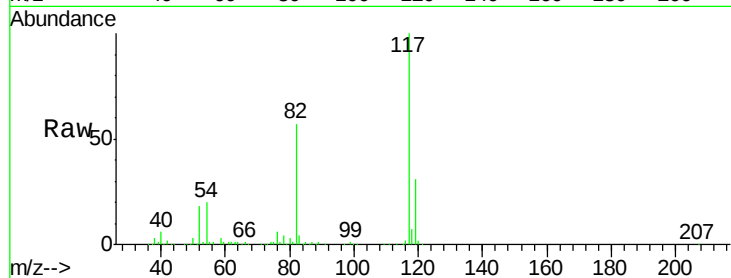




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034092.D
Acq: 30 Aug 2019 12:48

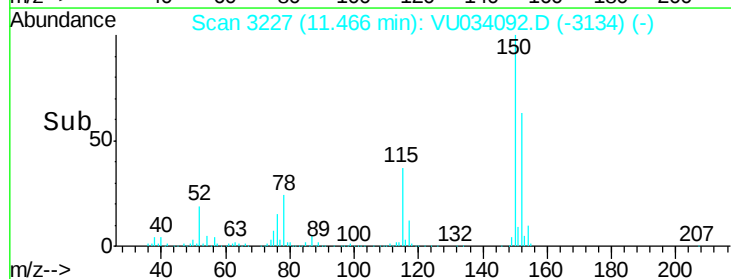
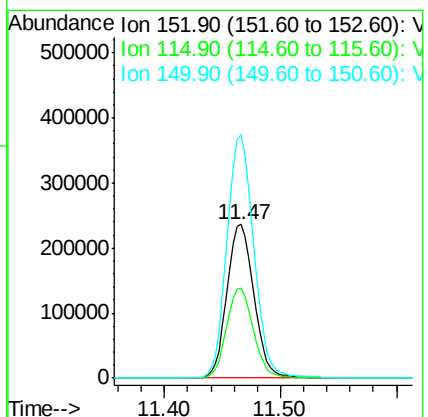
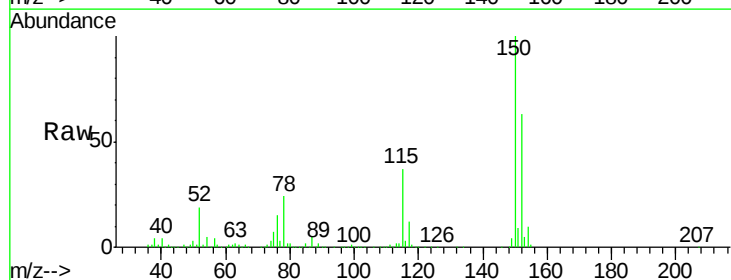
Instrument :
MSVOA_U
ClientSampleId :
TW-11

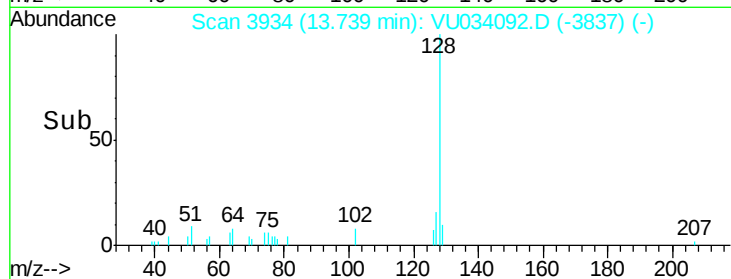
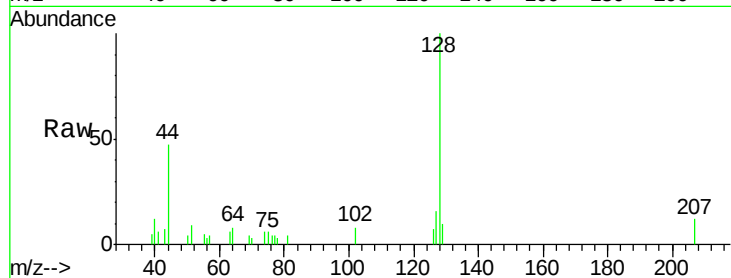
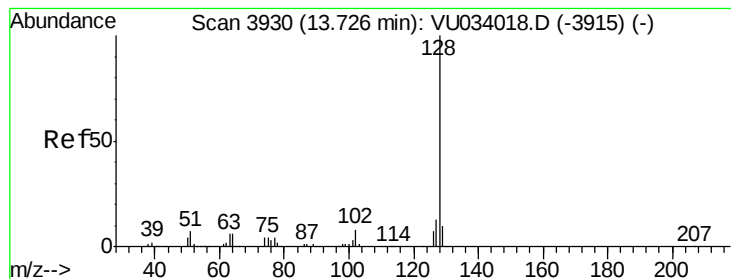
Tot Ion:117 Resp: 734314
Ion Ratio Lower Upper
117 100
82 56.5 45.1 67.7
119 31.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.47 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VU034092.D
Acq: 30 Aug 2019 12:48

Tgt Ion:152 Resp: 378928
Ion Ratio Lower Upper
152 100
115 58.5 41.1 123.3
150 157.5 0.0 348.8





#95

Naphthalene

Concen: 2.159 ug/l

RT: 13.74 min Scan# 3934

Delta R.T. 0.01 min

Lab File: VU034092.D

Acq: 30 Aug 2019 12:48

Instrument :

MSVOA_U

ClientSampleId :

TW-11

Tot Ion:128 Resp: 9061

Ion Ratio Lower Upper

128 100

127 9.8 10.2 15.4#

129 5.8 8.4 12.6#

