

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090319\
 Data File : VU034190.D
 Acq On : 02 Sep 2019 10:33
 Operator : JC/SP
 Sample : PB122725TB
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB122725TB

Quant Time: Sep 03 06:53:51 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

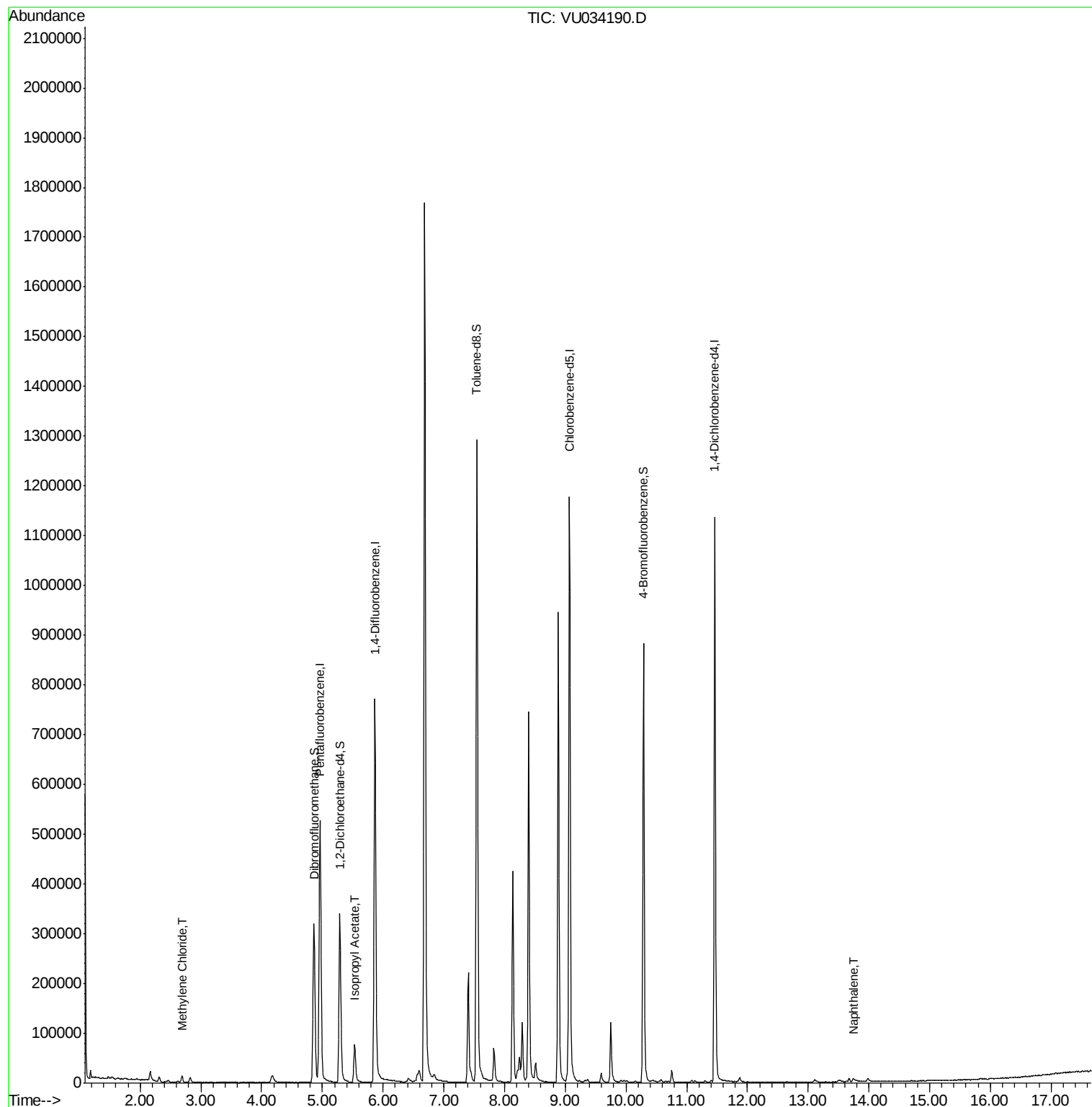
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	426152	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	687817	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	682485	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	314879	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	273803	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
35) Dibromofluoromethane	4.86	113	229804	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.34%	
50) Toluene-d8	7.55	98	905471	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
62) 4-Bromofluorobenzene	10.29	95	305275	43.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.86%	
Target Compounds						
20) Methylene Chloride	2.69	84	6517	1.236	ug/l	89
43) Isopropyl Acetate	5.53	43	91042	8.214	ug/l	99
95) Naphthalene	13.74	128	10520	2.306	ug/l #	86

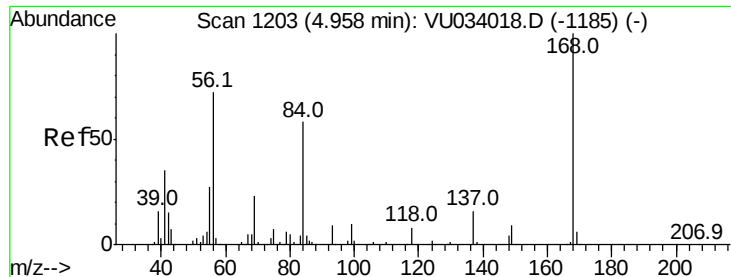
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034190.D

Acq: 02 Sep 2019 10:33

Instrument :

MSVOA_U

ClientSampleId :

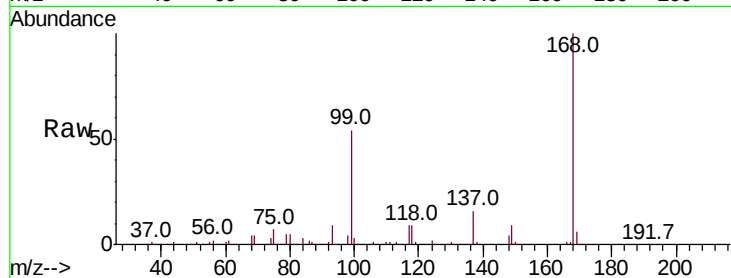
PB122725TB

Tot Ion:168 Resp: 426152

Ion Ratio Lower Upper

168 100

99 53.9 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034190.D (-1110) (-)

Ion 98.90 (98.60 to 99.60): VU034190.D (-1110) (-)

4.96

200000

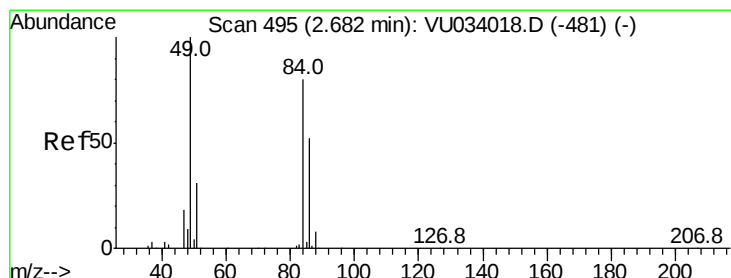
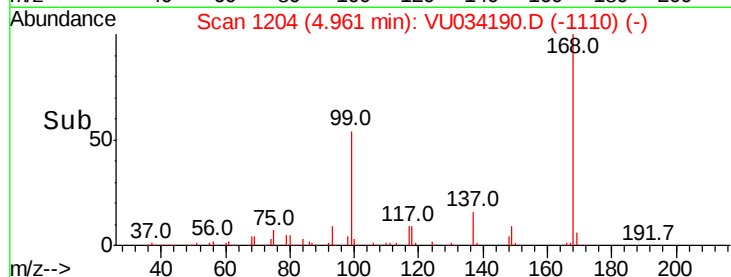
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 1.236 ug/l

RT: 2.69 min Scan# 497

Delta R.T. 0.01 min

Lab File: VU034190.D

Acq: 02 Sep 2019 10:33

Tgt Ion: 84 Resp: 6517

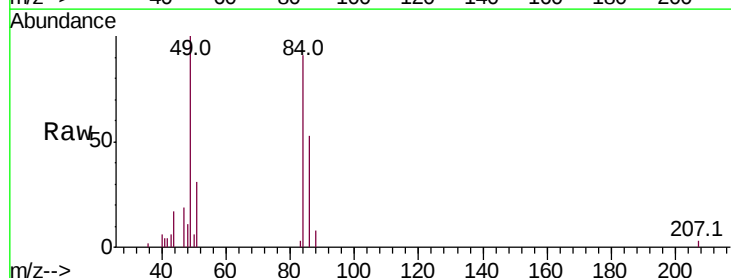
Ion Ratio Lower Upper

84 100

49 110.2 100.2 150.4

51 34.0 30.8 46.2

86 58.4 52.5 78.7



Abundance Ion 83.90 (83.60 to 84.60): VU034190.D (-402) (-)

Ion 48.90 (48.60 to 49.60): VU034190.D (-402) (-)

Ion 50.90 (50.60 to 51.60): VU034190.D (-402) (-)

Ion 85.90 (85.60 to 86.60): VU034190.D (-402) (-)

2.69

6000

5000

4000

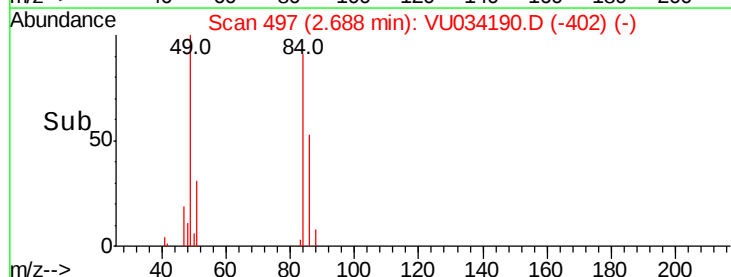
3000

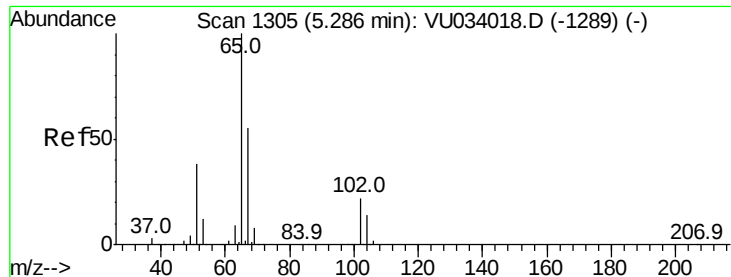
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.143 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034190.D

Acq: 02 Sep 2019 10:33

Instrument :

MSVOA_U

ClientSampleId :

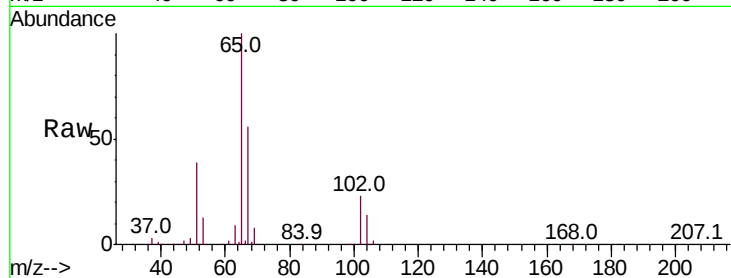
PB122725TB

Tot Ion: 65 Resp: 273803

Ion Ratio Lower Upper

65 100

67 54.9 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU034190.D (-1289) (-)

Ion 66.90 (66.60 to 67.60): VU034190.D (-1289) (-)

5.29

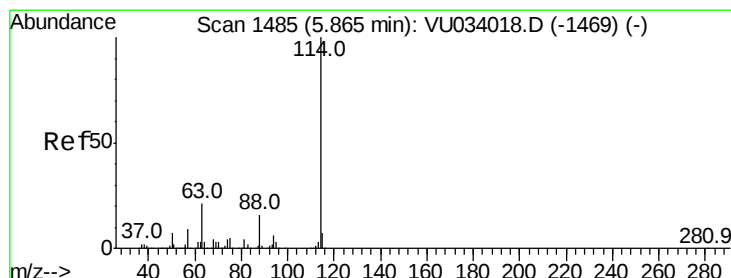
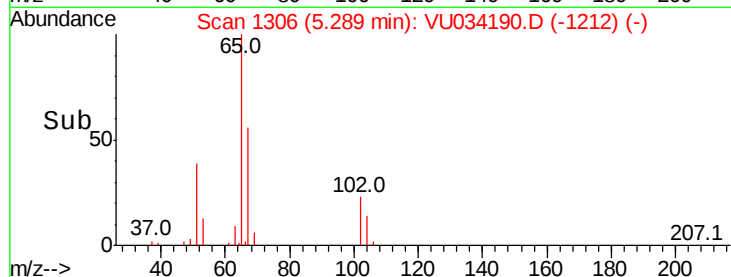
100000

50000

0

Time-->

5.20 5.30 5.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034190.D

Acq: 02 Sep 2019 10:33

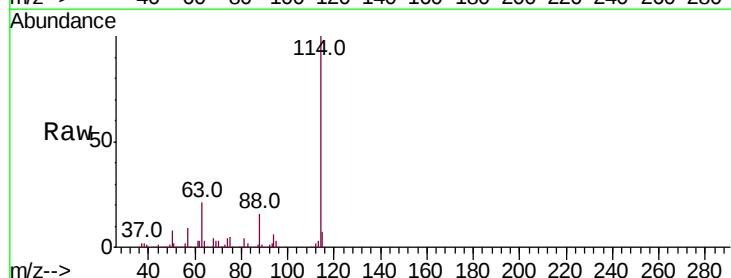
Tgt Ion: 114 Resp: 687817

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.0

88 15.9 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): VU034190.D (-1469) (-)

Ion 63.00 (62.70 to 63.70): VU034190.D (-1469) (-)

Ion 87.90 (87.60 to 88.60): VU034190.D (-1469) (-)

5.87

400000

300000

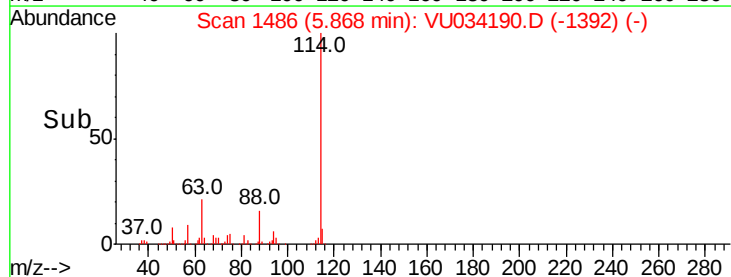
200000

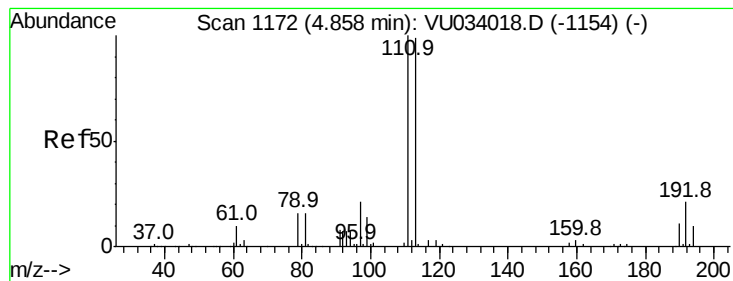
100000

0

Time-->

5.80 5.90 6.00





#35

Dibromofluoromethane

Concen: 48.171 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034190.D

Acq: 02 Sep 2019 10:33

Instrument :

MSVOA_U

ClientSampleId :

PB122725TB

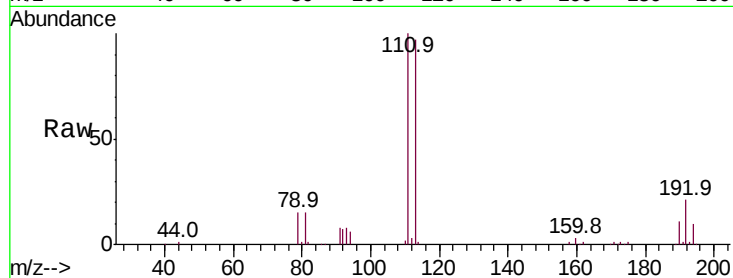
Tot Ion:113 Resp: 229804

Ion Ratio Lower Upper

113 100

111 103.0 81.7 122.5

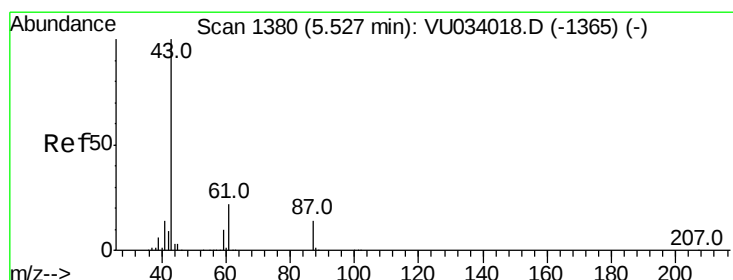
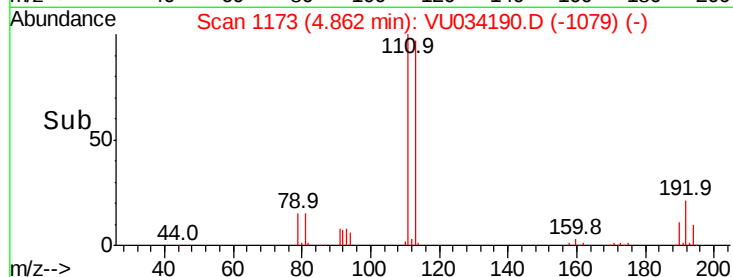
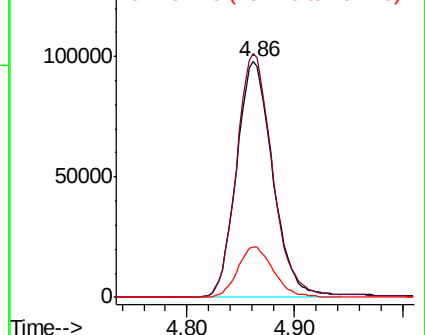
192 21.3 17.1 25.7



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



#43

Isopropyl Acetate

Concen: 8.214 ug/l

RT: 5.53 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VU034190.D

Acq: 02 Sep 2019 10:33

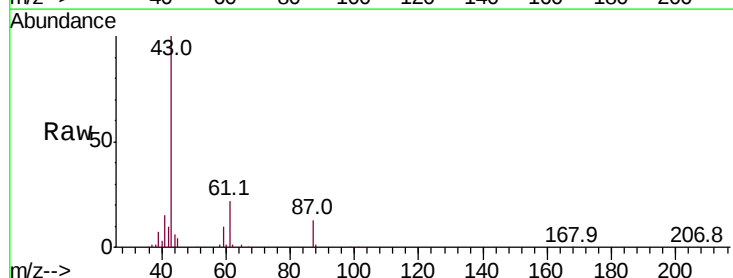
Tgt Ion: 43 Resp: 91042

Ion Ratio Lower Upper

43 100

61 20.8 17.2 25.8

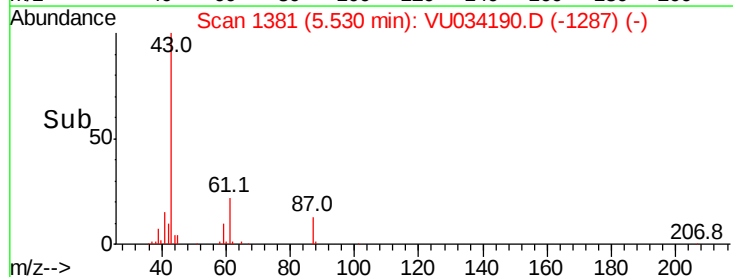
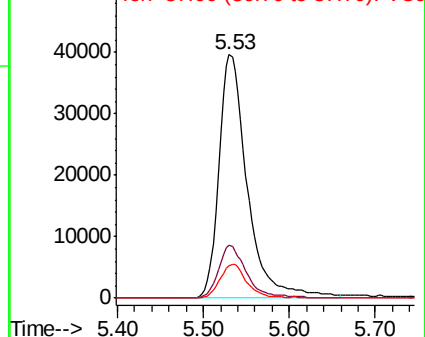
87 13.1 10.8 16.2

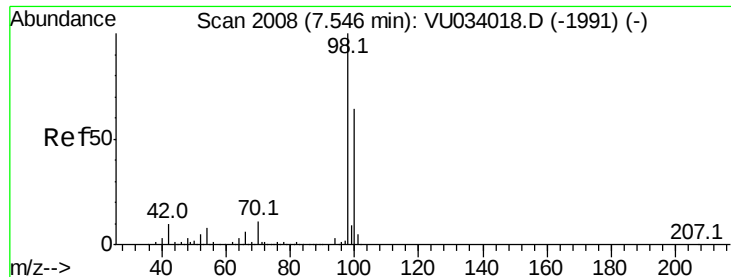


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

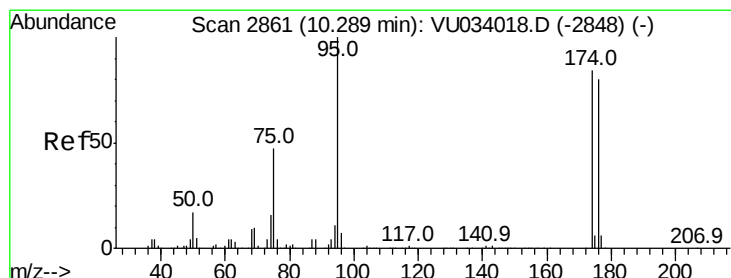
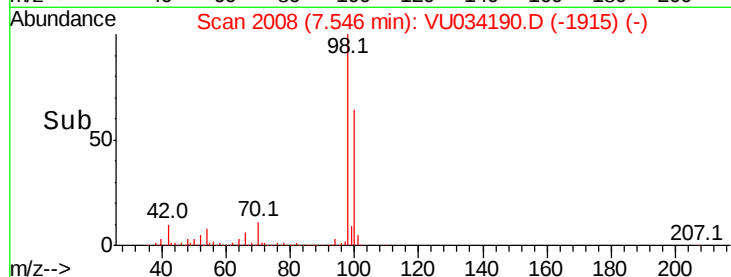
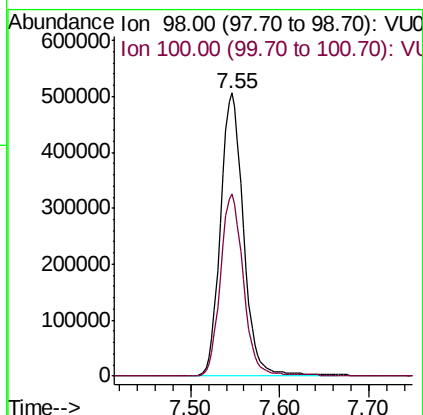
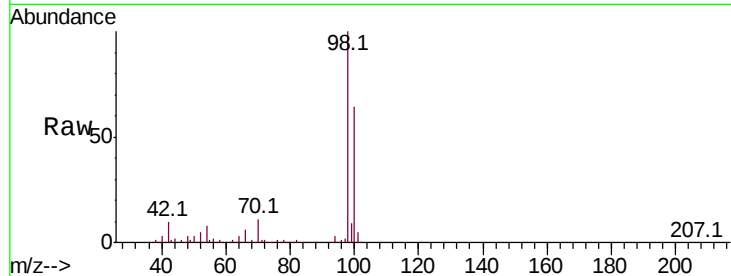




#50
Toluene-d8
Concen: 50.690 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VU034190.D
Acq: 02 Sep 2019 10:33

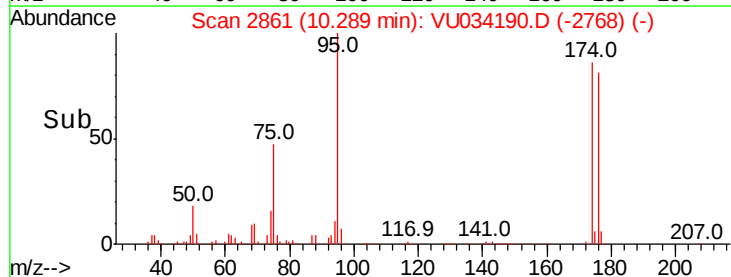
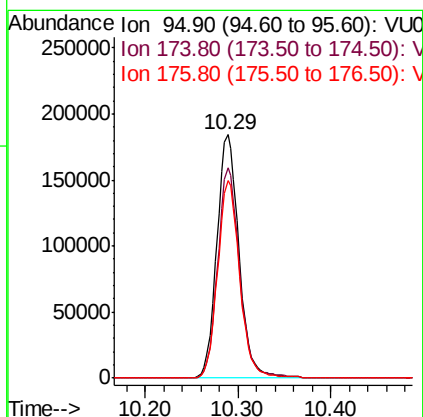
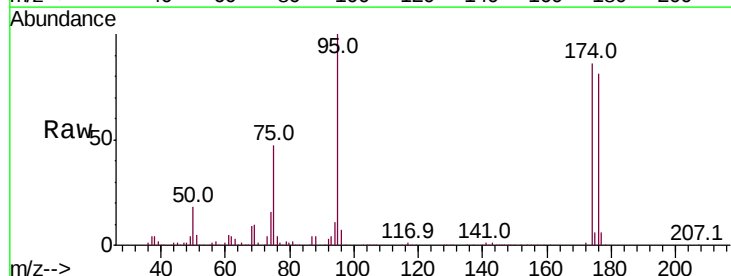
Instrument :
MSVOA_U
ClientSampleId :
PB122725TB

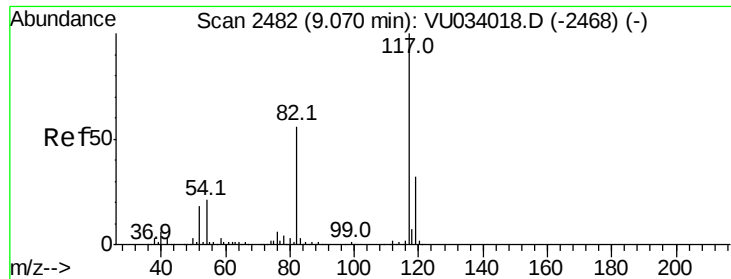
Tot Ion: 98 Resp: 905471
Ion Ratio Lower Upper
98 100
100 64.4 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 43.934 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. -0.00 min
Lab File: VU034190.D
Acq: 02 Sep 2019 10:33

Tgt Ion: 95 Resp: 305275
Ion Ratio Lower Upper
95 100
174 85.7 0.0 168.8
176 81.1 0.0 161.8

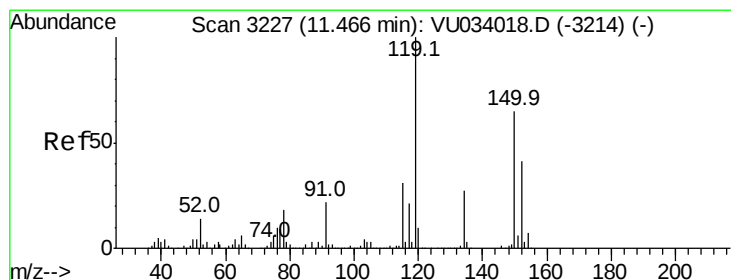
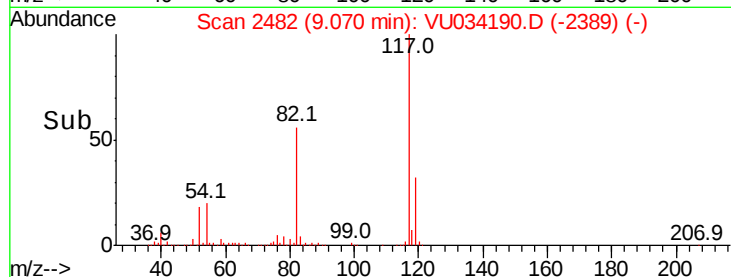
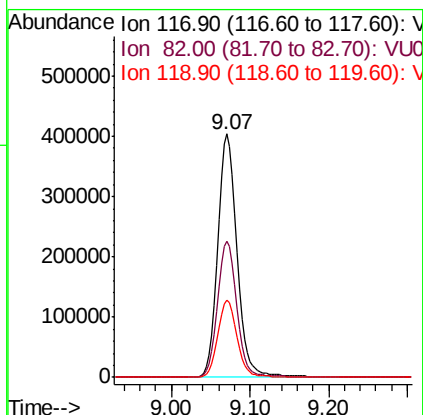
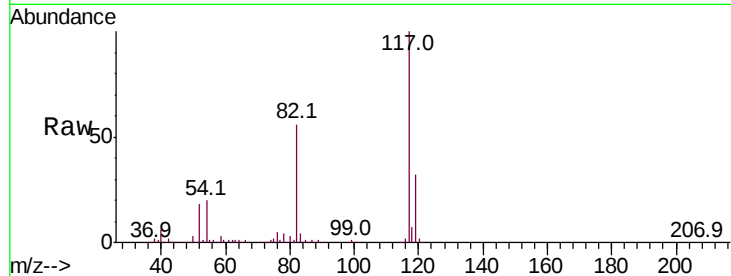




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034190.D
Acq: 02 Sep 2019 10:33

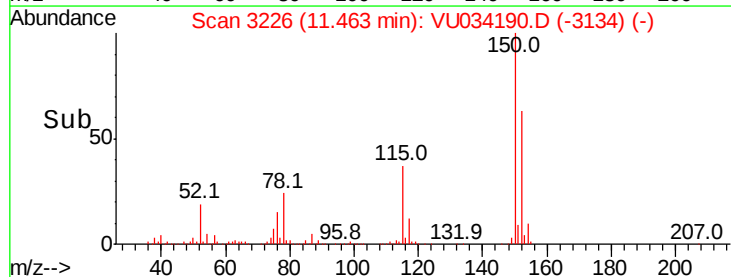
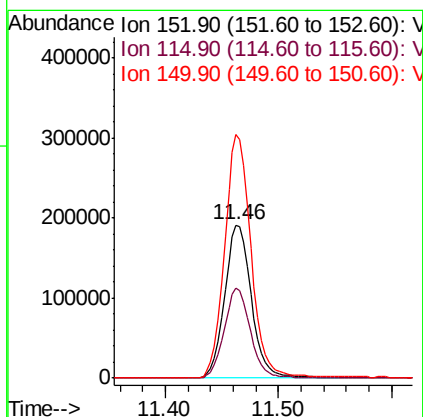
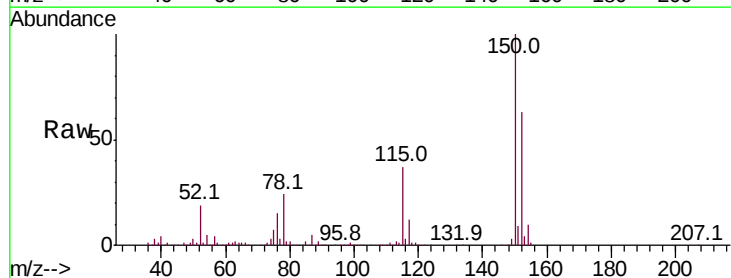
Instrument :
MSVOA_U
ClientSampleId :
PB122725TB

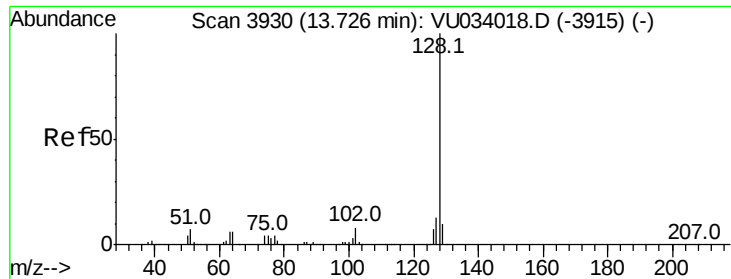
Tot Ion:117 Resp: 682485
Ion Ratio Lower Upper
117 100
82 56.2 45.1 67.7
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VU034190.D
Acq: 02 Sep 2019 10:33

Tgt Ion:152 Resp: 314879
Ion Ratio Lower Upper
152 100
115 57.6 41.1 123.3
150 157.4 0.0 348.8





#95

Naphthalene

Concen: 2.306 ug/l

RT: 13.74 min Scan# 3935

Delta R.T. 0.02 min

Lab File: VU034190.D

Acq: 02 Sep 2019 10:33

Instrument :

MSVOA_U

ClientSampleId :

PB122725TB

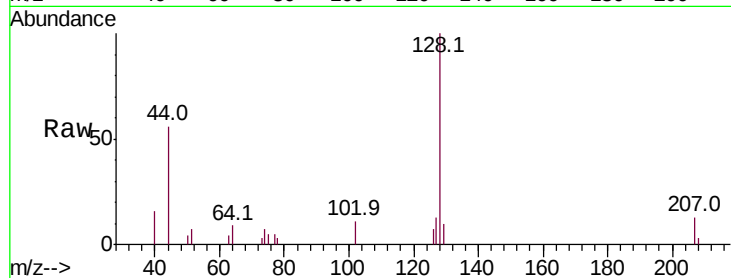
Tot Ion:128 Resp: 10520

Ion Ratio Lower Upper

128 100

127 8.2 10.2 15.4#

129 3.8 8.4 12.6#



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

