

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090519\
 Data File : VU034266.D
 Acq On : 04 Sep 2019 18:27
 Operator : JC/SP
 Sample : K4547-38
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T12-2-(0)

Quant Time: Sep 05 05:07:17 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

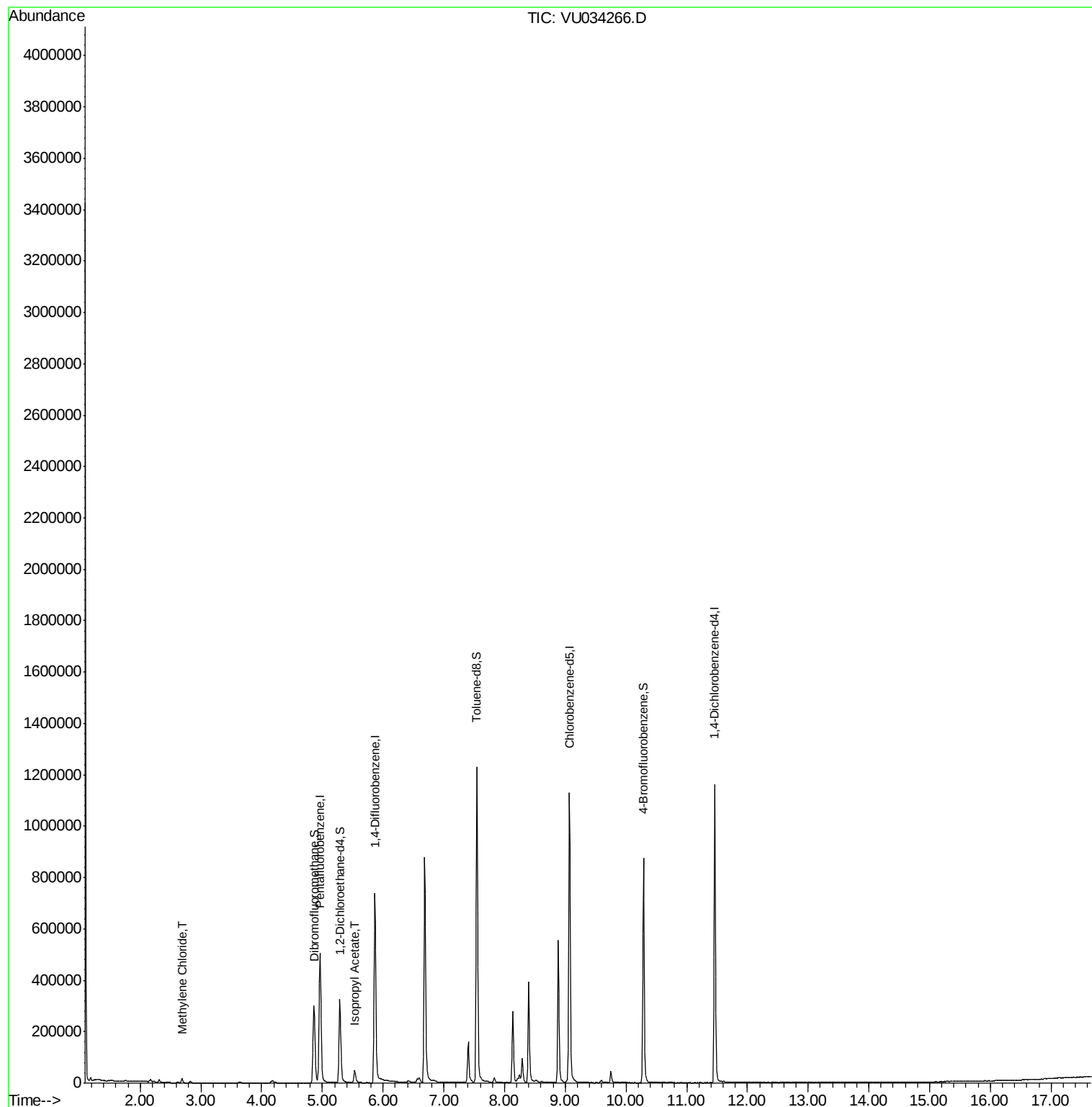
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	412163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	648531	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	665933	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	327628	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	255356	48.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.70%	
35) Dibromofluoromethane	4.86	113	216510	48.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.26%	
50) Toluene-d8	7.55	98	863896	51.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.58%	
62) 4-Bromofluorobenzene	10.29	95	298695	45.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.18%	
Target Compounds						
20) Methylene Chloride	2.69	84	8017	1.572	ug/l #	82
43) Isopropyl Acetate	5.53	43	60323	5.772	ug/l	99

(#) = 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: VU034266.D

Acq: 04 Sep 2019 18:27

Instrument :

MSVOA_U

ClientSampleId :

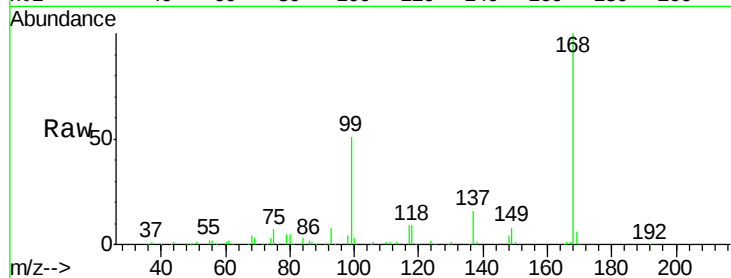
T12-2-(0)

Tot Ion:168 Resp: 412163

Ion Ratio Lower Upper

168 100

99 51.3 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034018.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU034018.D (-1185) (-)

4.96

200000

150000

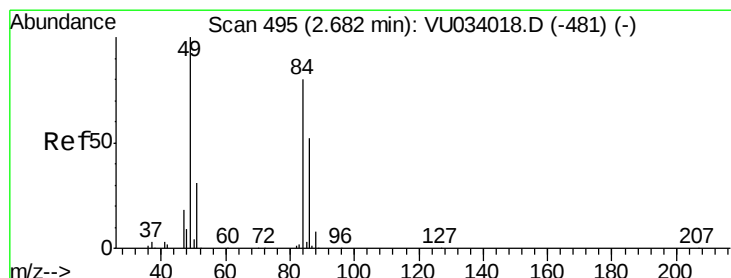
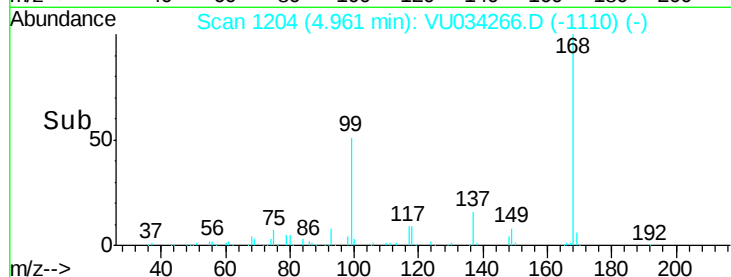
100000

50000

0

4.90 5.00

Time-->



#20

Methylene Chloride

Concen: 1.572 ug/l

RT: 2.69 min Scan# 497

Delta R.T. 0.01 min

Lab File: VU034266.D

Acq: 04 Sep 2019 18:27

Tgt Ion: 84 Resp: 8017

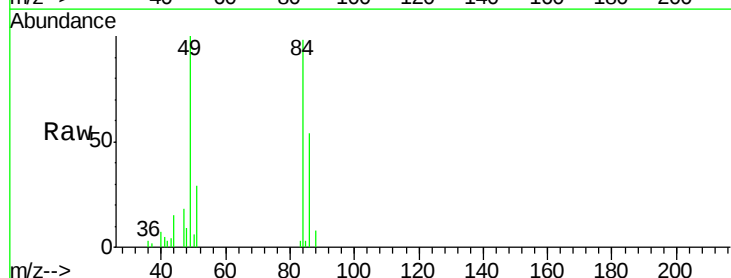
Ion Ratio Lower Upper

84 100

49 101.6 100.2 150.4

51 29.1 30.8 46.2#

86 54.7 52.5 78.7



Abundance Ion 83.90 (83.60 to 84.60): VU034018.D (-481) (-)

Ion 48.90 (48.60 to 49.60): VU034018.D (-481) (-)

Ion 50.90 (50.60 to 51.60): VU034018.D (-481) (-)

Ion 85.90 (85.60 to 86.60): VU034018.D (-481) (-)

2.69

6000

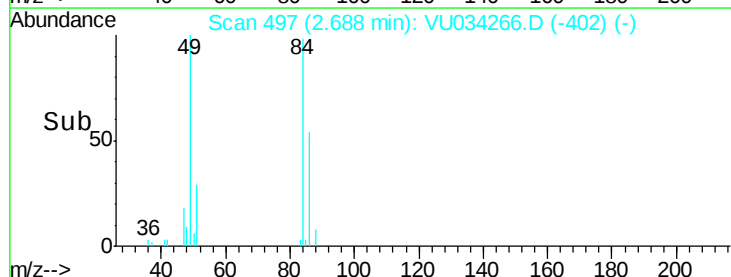
4000

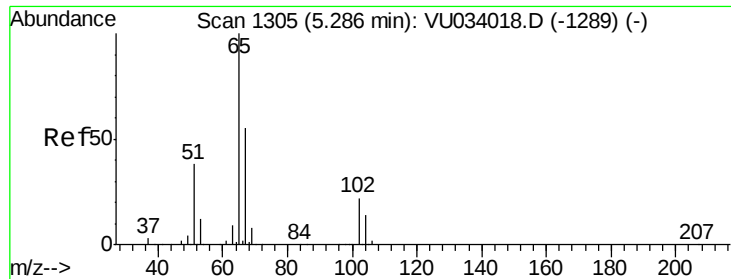
2000

0

2.65 2.70 2.75

Time-->





#33

1,2-Dichloroethane-d4

Concen: 48.352 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034266.D

Acq: 04 Sep 2019 18:27

Instrument :

MSVOA_U

ClientSampleId :

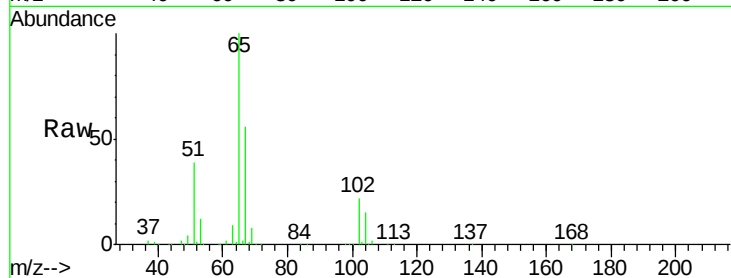
T12-2-(0)

Tot Ion: 65 Resp: 255356

Ion Ratio Lower Upper

65 100

67 54.8 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) (-)

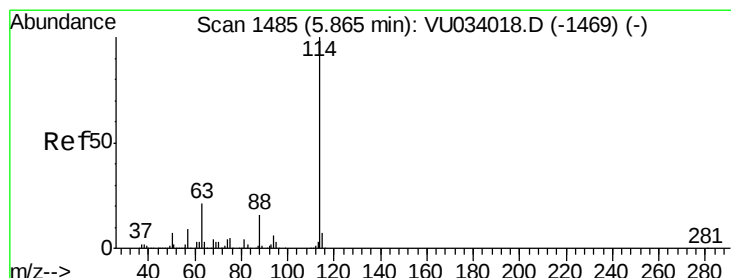
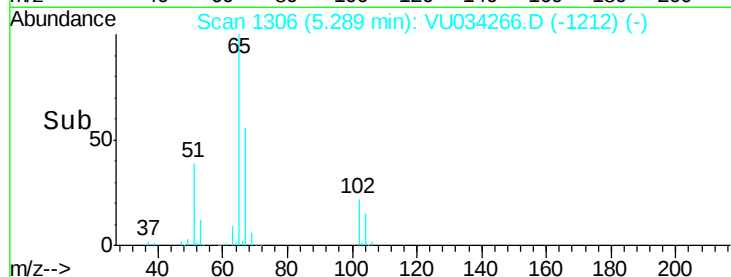
5.29

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034266.D

Acq: 04 Sep 2019 18:27

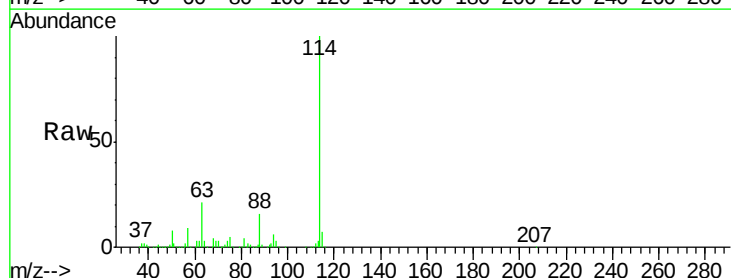
Tgt Ion: 114 Resp: 648531

Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.0

88 16.0 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): VU034018.D (-1469) (-)

Ion 63.00 (62.70 to 63.70): VU034018.D (-1469) (-)

Ion 87.90 (87.60 to 88.60): VU034018.D (-1469) (-)

5.87

400000

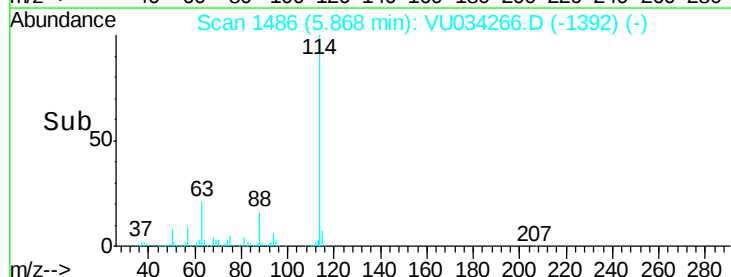
300000

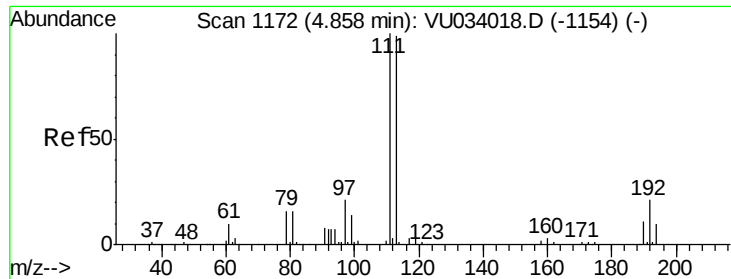
200000

100000

0

Time-->

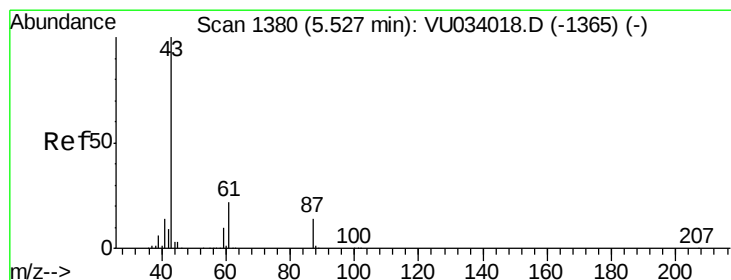
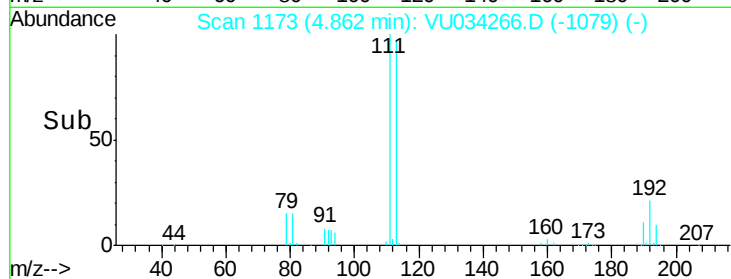
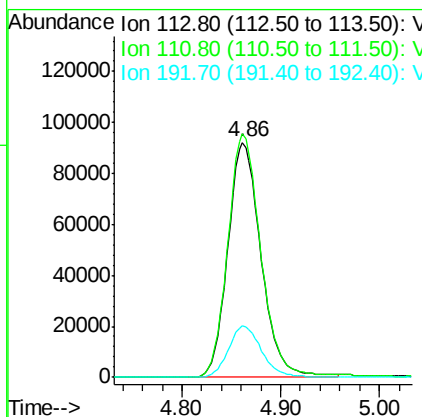
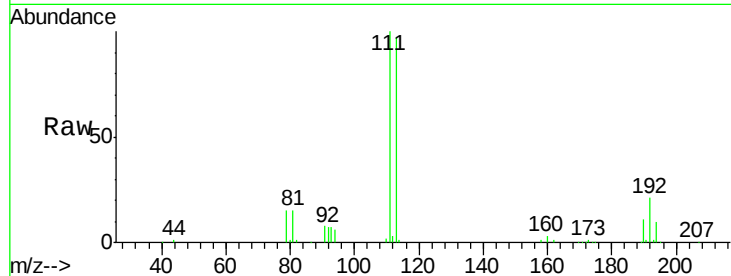




#35
 Dibromofluoromethane
 Concen: 48.133 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034266.D
 Acq: 04 Sep 2019 18:27

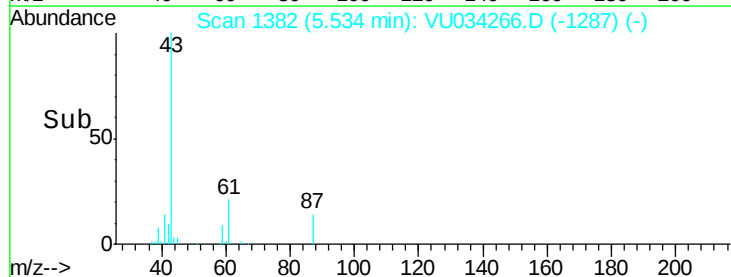
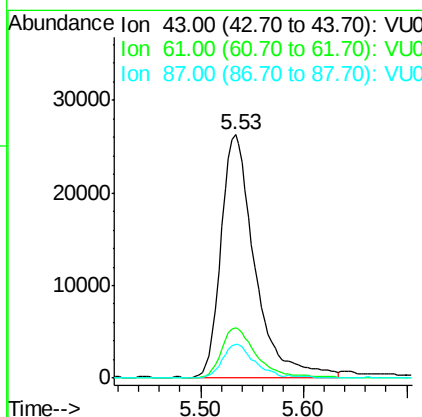
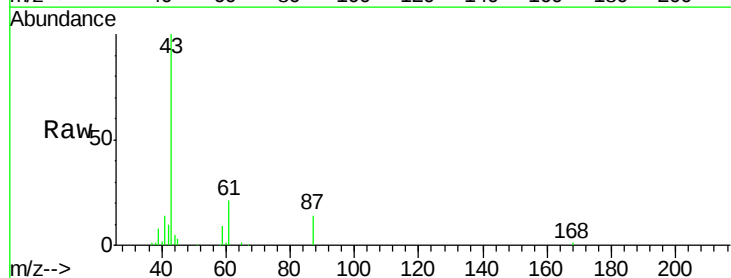
Instrument :
 MSVOA_U
 ClientSampleId :
 T12-2-(0)

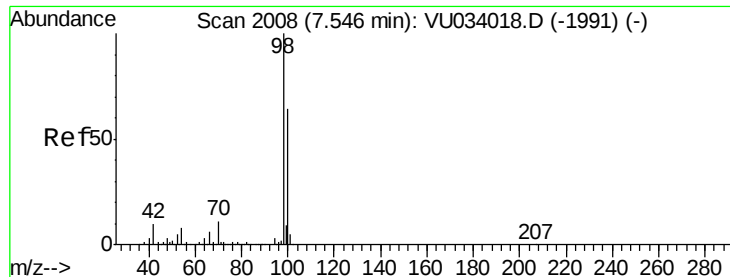
Tot Ion:113 Resp: 216510
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.7 122.5
 192 21.9 17.1 25.7



#43
 Isopropyl Acetate
 Concen: 5.772 ug/l
 RT: 5.53 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: VU034266.D
 Acq: 04 Sep 2019 18:27

Tgt Ion: 43 Resp: 60323
 Ion Ratio Lower Upper
 43 100
 61 20.6 17.2 25.8
 87 13.3 10.8 16.2





#50

Toluene-d8

Concen: 51.292 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034266.D

Acq: 04 Sep 2019 18:27

Instrument :

MSVOA_U

ClientSampled :

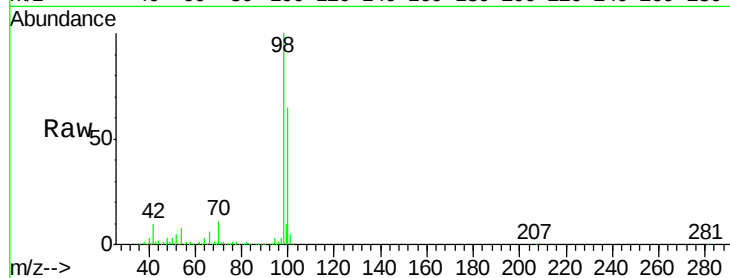
T12-2-(0)

Tot Ion: 98 Resp: 863896

Ion Ratio Lower Upper

98 100

100 64.6 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

500000

400000

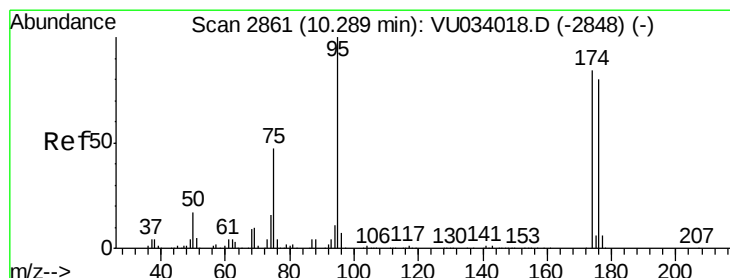
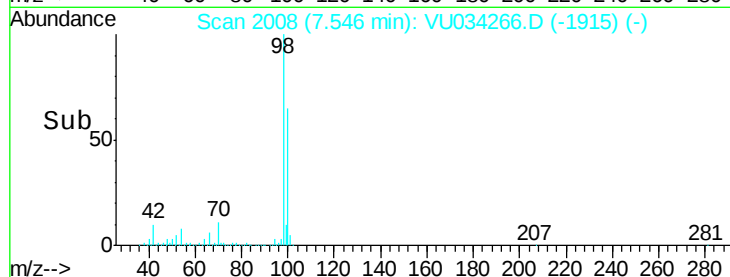
300000

200000

100000

0

Time--> 7.40 7.50 7.60 7.70



#62

4-Bromofluorobenzene

Concen: 45.591 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034266.D

Acq: 04 Sep 2019 18:27

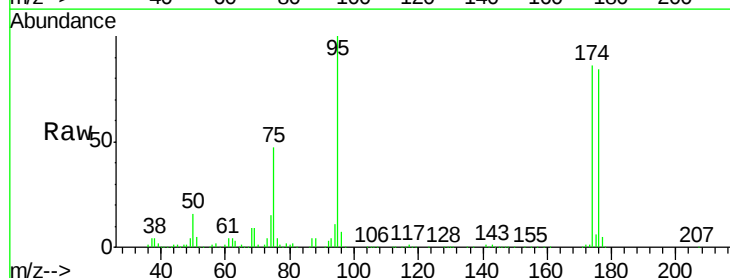
Tgt Ion: 95 Resp: 298695

Ion Ratio Lower Upper

95 100

174 87.4 0.0 168.8

176 83.8 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

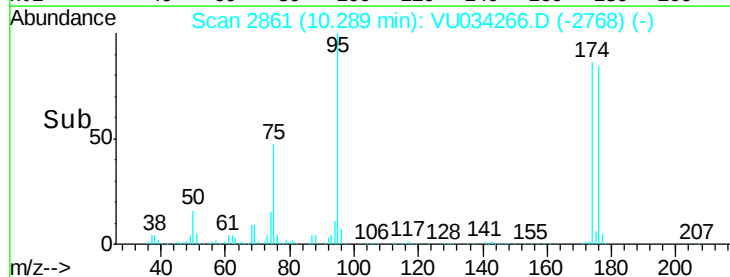
150000

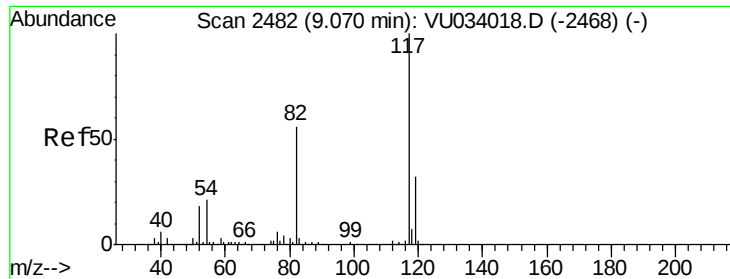
100000

50000

0

Time--> 10.20 10.30 10.40

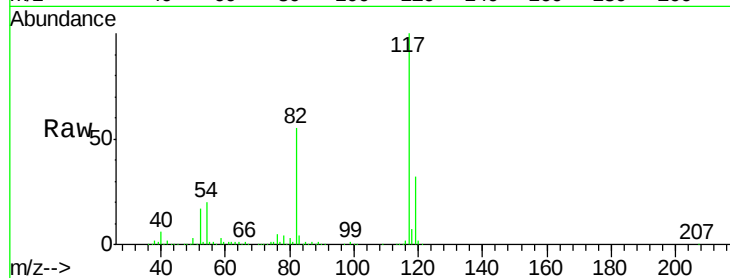




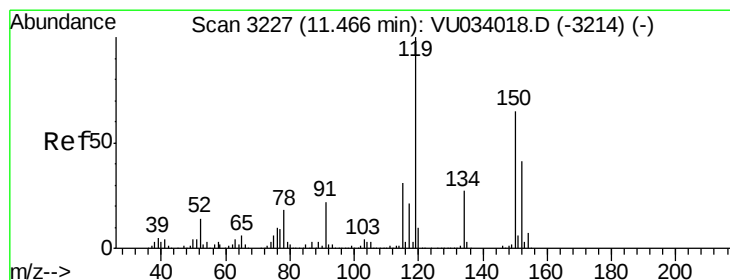
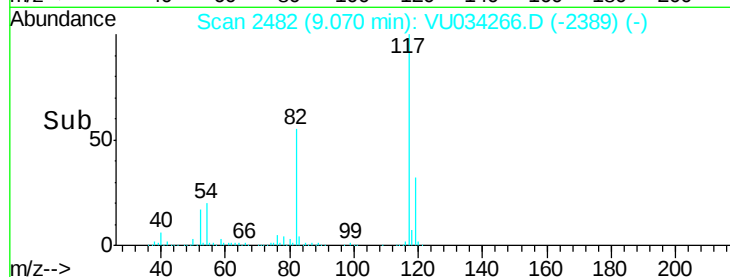
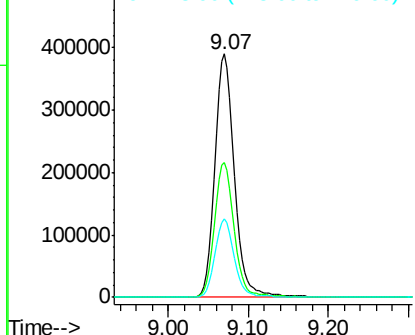
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034266.D
Acq: 04 Sep 2019 18:27

Instrument :
MSVOA_U
ClientSampleId :
T12-2-(0)

Tot Ion:117 Resp: 665933
Ion Ratio Lower Upper
117 100
82 55.4 45.1 67.7
119 32.2 25.4 38.0

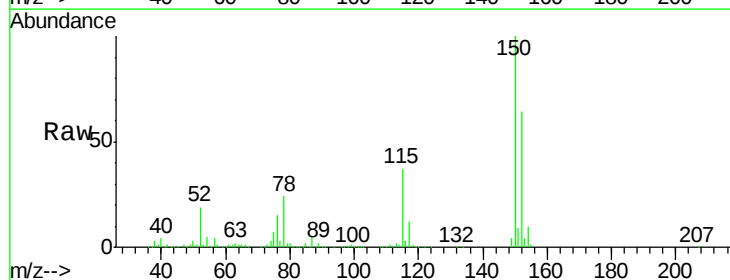


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VU034266.D
Acq: 04 Sep 2019 18:27

Tgt Ion:152 Resp: 327628
Ion Ratio Lower Upper
152 100
115 56.4 41.1 123.3
150 156.3 0.0 348.8



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

