

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090519\
 Data File : VU034250.D
 Acq On : 04 Sep 2019 12:14
 Operator : JC/SP
 Sample : K4546-37
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T3-S-B3-(0)

Quant Time: Sep 05 04:43:51 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

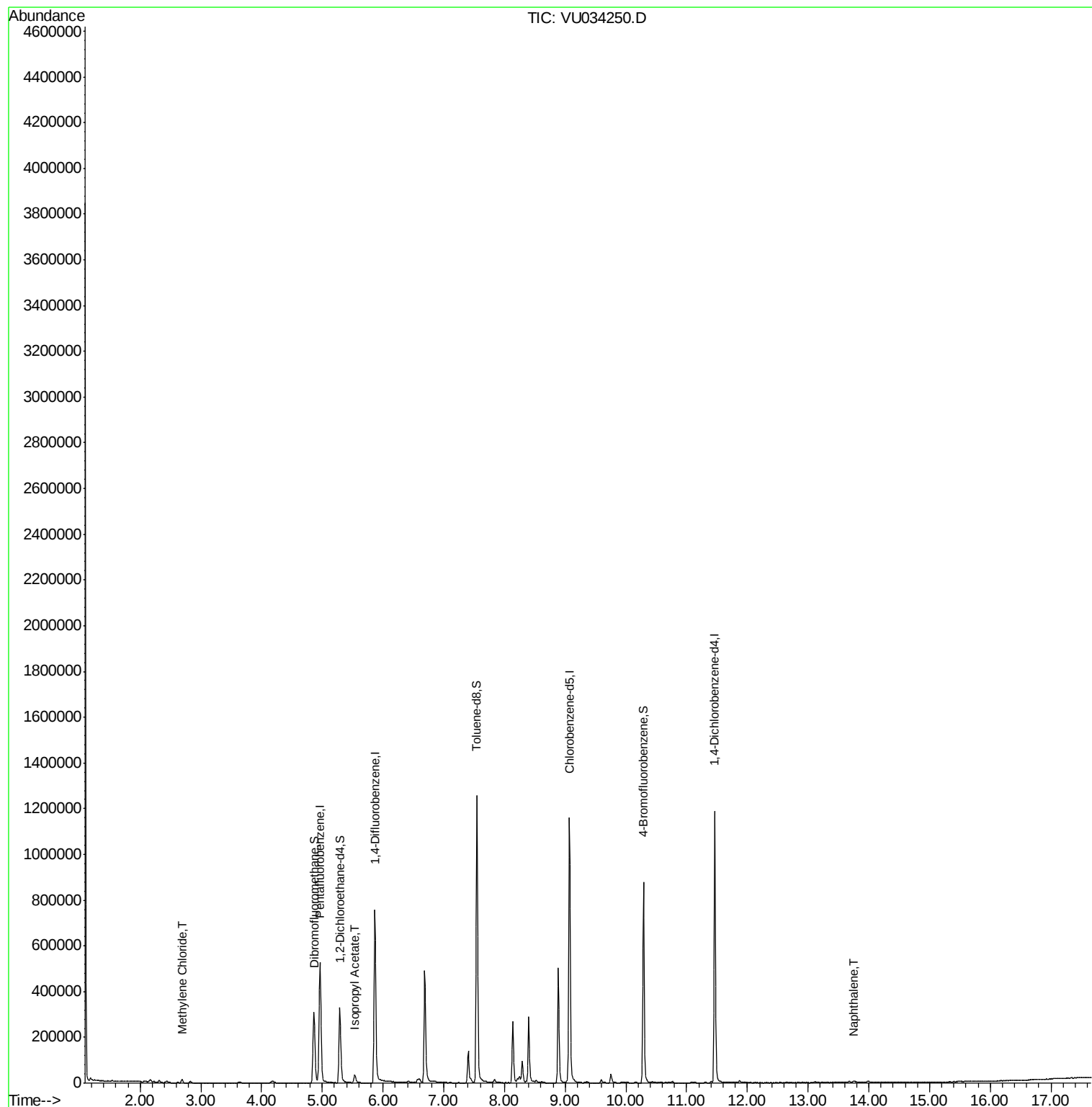
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	429810	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	684385	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	678490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	332961	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	261140	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.84%	
35) Dibromofluoromethane	4.86	113	224514	47.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.60%	
50) Toluene-d8	7.55	98	878431	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.84%	
62) 4-Bromofluorobenzene	10.29	95	305895	44.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.48%	
Target Compounds						
20) Methylene Chloride	2.69	84	7331	1.378	ug/l	94
43) Isopropyl Acetate	5.53	43	45224	4.101	ug/l	97
95) Naphthalene	13.75	128	11907	2.342	ug/l #	85

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

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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: VU034250.D

Acq: 04 Sep 2019 12:14

Instrument :

MSVOA_U

ClientSampleId :

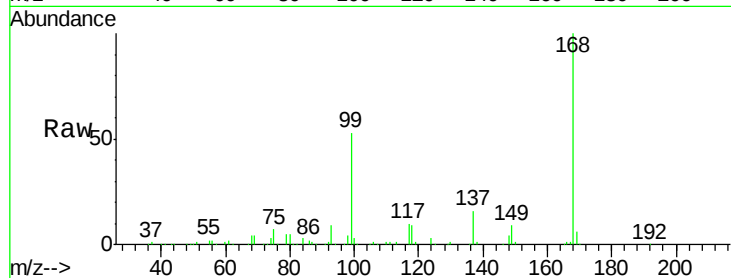
T3-S-B3-(0)

Tot Ion:168 Resp: 429810

Ion Ratio Lower Upper

168 100

99 53.1 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

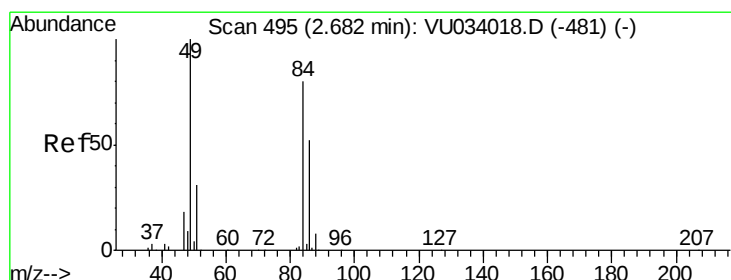
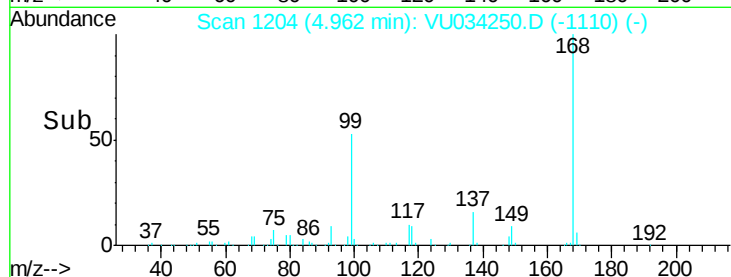
100000

50000

0

4.90 5.00 5.10

Time-->



#20

Methylene Chloride

Concen: 1.378 ug/l

RT: 2.69 min Scan# 497

Delta R.T. 0.01 min

Lab File: VU034250.D

Acq: 04 Sep 2019 12:14

Tgt Ion: 84 Resp: 7331

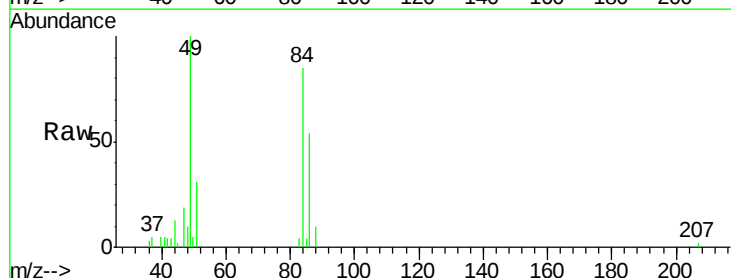
Ion Ratio Lower Upper

84 100

49 117.0 100.2 150.4

51 35.8 30.8 46.2

86 62.8 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

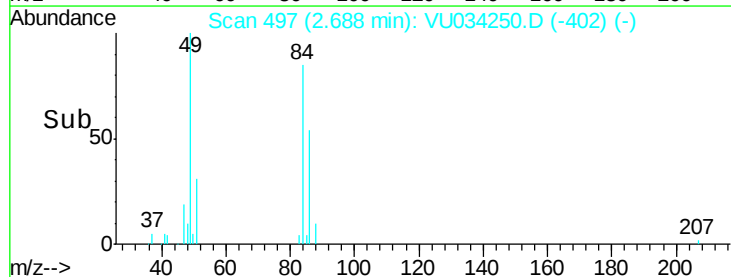
4000

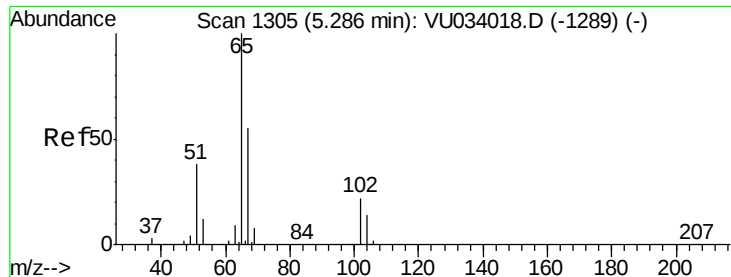
2000

0

2.65 2.70 2.75

Time-->





#33

1,2-Dichloroethane-d4

Concen: 47.417 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034250.D

Acq: 04 Sep 2019 12:14

Instrument :

MSVOA_U

ClientSampleId :

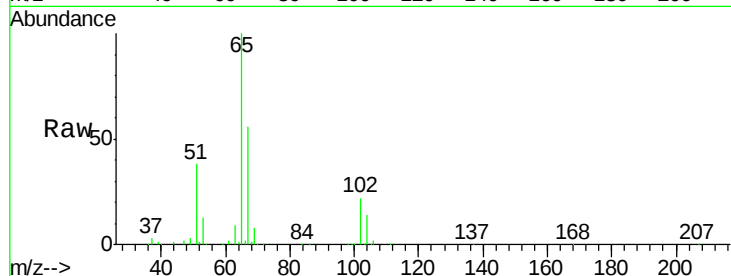
T3-S-B3-(0)

Tot Ion: 65 Resp: 261140

Ion Ratio Lower Upper

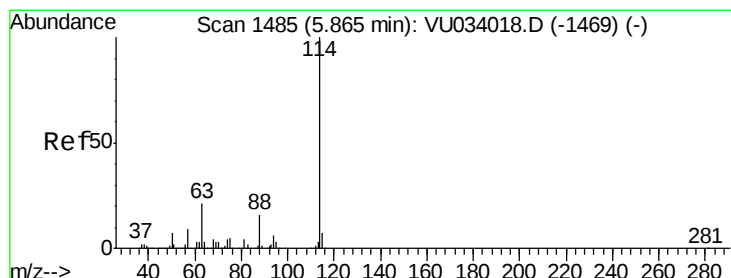
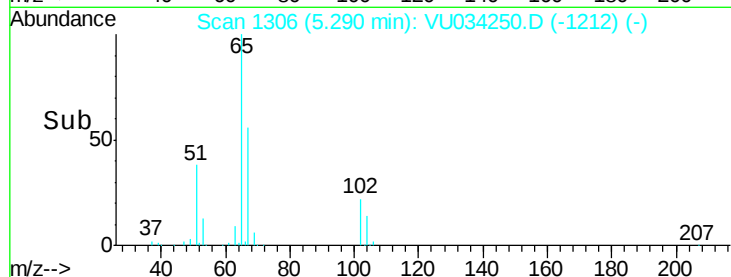
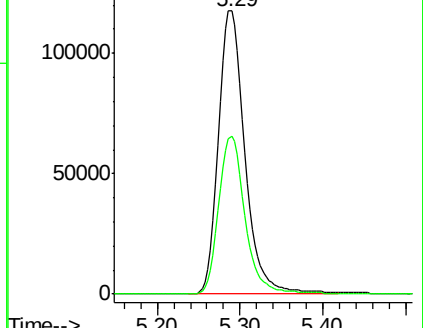
65 100

67 55.6 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# 1485

Delta R.T. 0.00 min

Lab File: VU034250.D

Acq: 04 Sep 2019 12:14

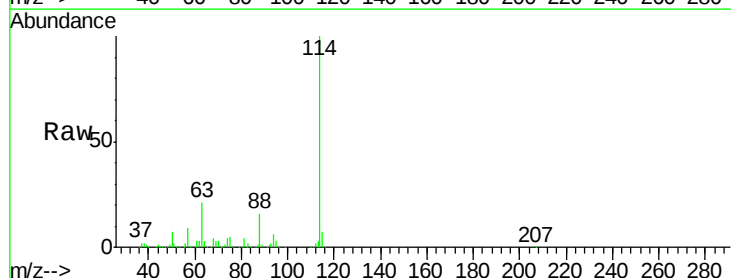
Tgt Ion: 114 Resp: 684385

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.0

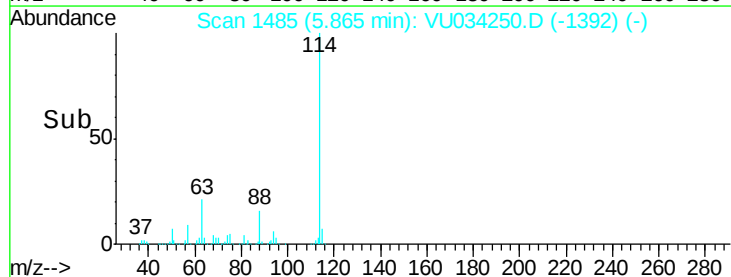
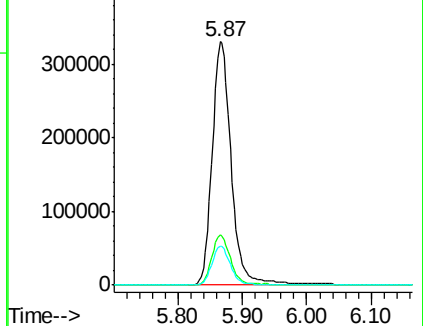
88 16.1 0.0 32.0

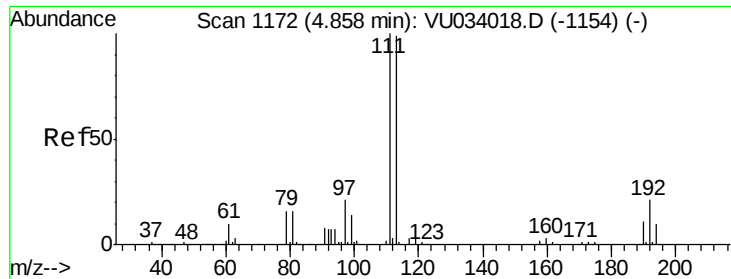


Abundance Ion 113.90 (113.60 to 114.60): VU034018.D (-1469) (-)

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

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

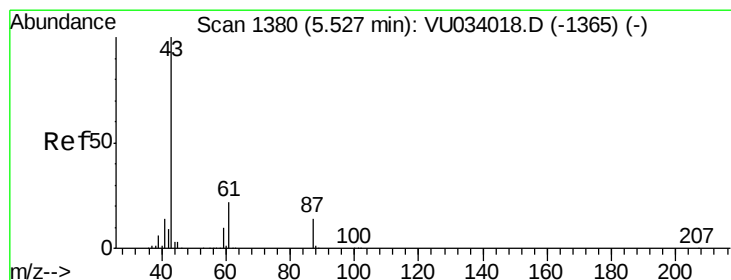
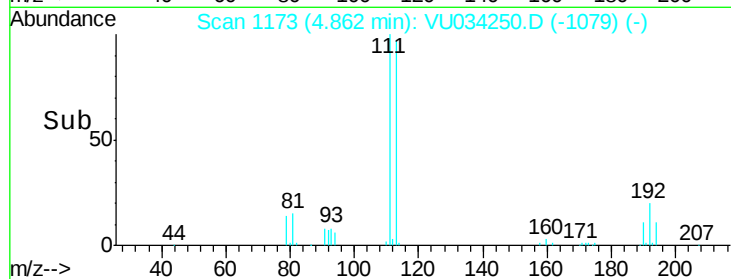
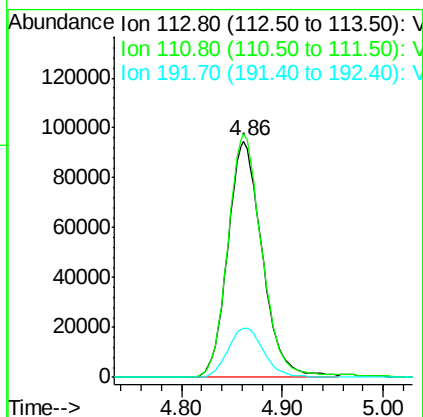
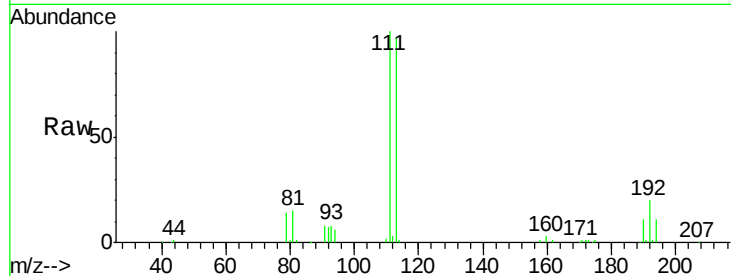




#35
 Dibromofluoromethane
 Concen: 47.298 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034250.D
 Acq: 04 Sep 2019 12:14

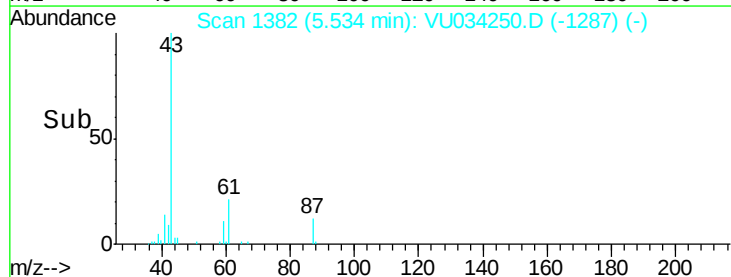
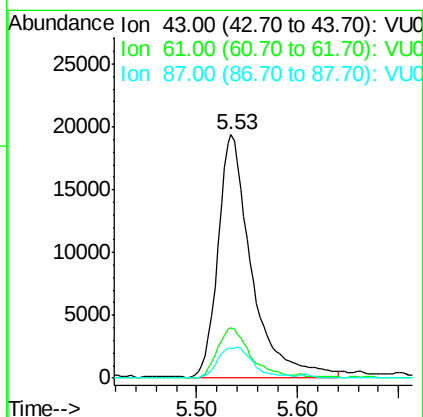
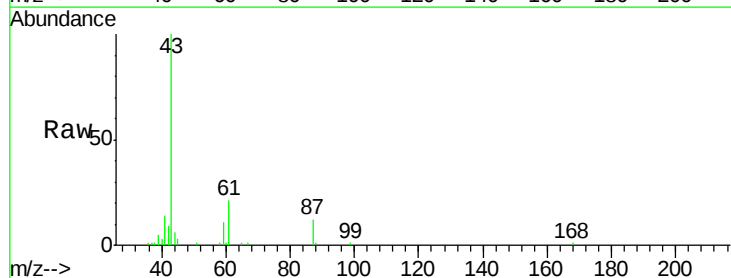
Instrument :
 MSVOA_U
 ClientSampleId :
 T3-S-B3-(0)

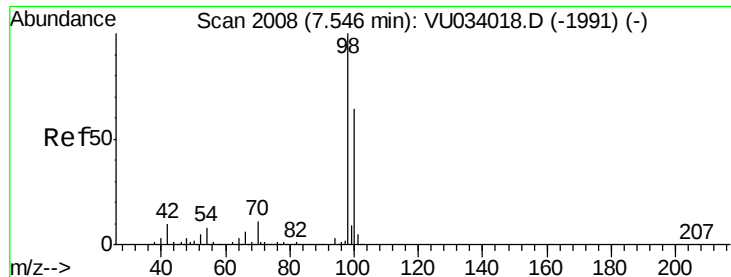
Tot Ion:113 Resp: 224514
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.7 122.5
 192 21.7 17.1 25.7



#43
 Isopropyl Acetate
 Concen: 4.101 ug/l
 RT: 5.53 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: VU034250.D
 Acq: 04 Sep 2019 12:14

Tgt Ion: 43 Resp: 45224
 Ion Ratio Lower Upper
 43 100
 61 20.0 17.2 25.8
 87 12.9 10.8 16.2





#50

Toluene-d8

Concen: 49.422 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034250.D

Acq: 04 Sep 2019 12:14

Instrument :

MSVOA_U

ClientSampleId :

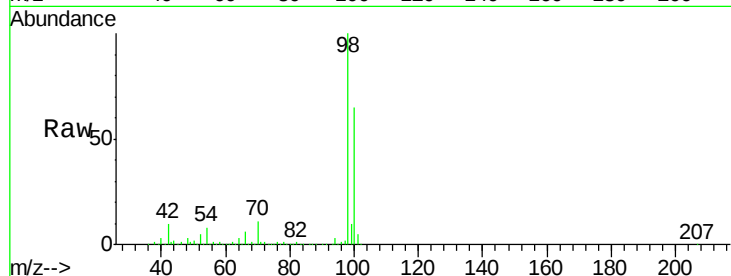
T3-S-B3-(0)

Tot Ion: 98 Resp: 878431

Ion Ratio Lower Upper

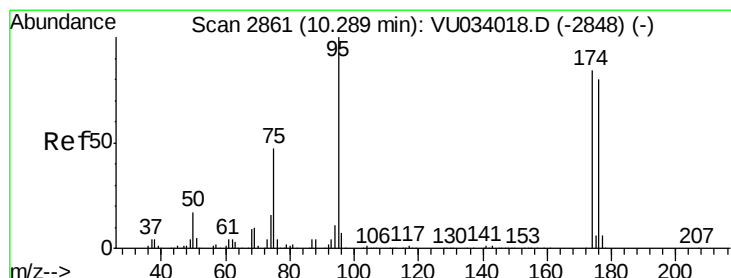
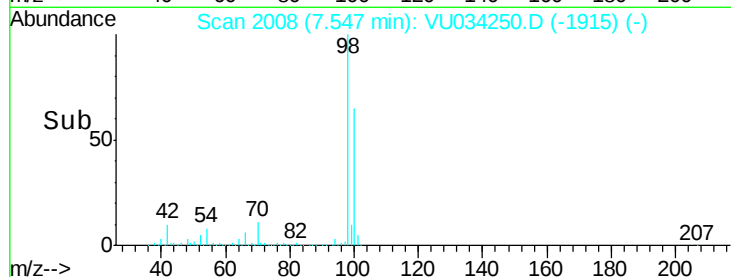
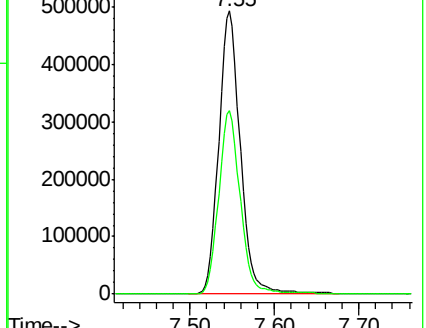
98 100

100 65.1 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VU034250.D (-1991) (-)

Ion 100.00 (99.70 to 100.70): VU034250.D (-1991) (-)



#62

4-Bromofluorobenzene

Concen: 44.244 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034250.D

Acq: 04 Sep 2019 12:14

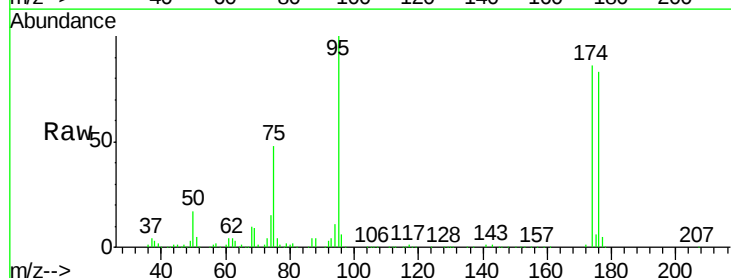
Tgt Ion: 95 Resp: 305895

Ion Ratio Lower Upper

95 100

174 86.5 0.0 168.8

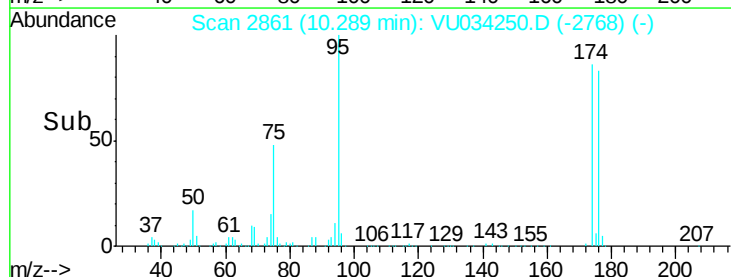
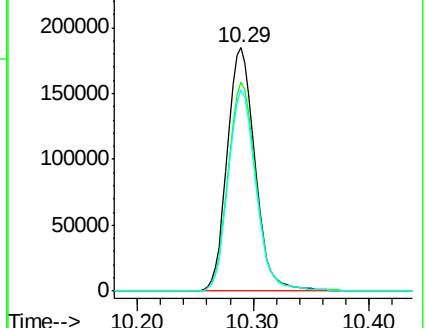
176 82.7 0.0 161.8

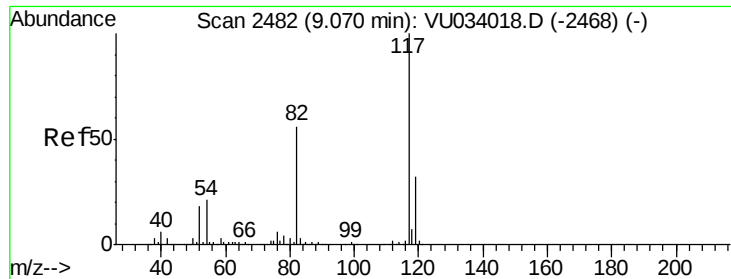


Abundance Ion 94.90 (94.60 to 95.60): VU034250.D (-2768) (-)

Ion 173.80 (173.50 to 174.50): VU034250.D (-2768) (-)

Ion 175.80 (175.50 to 176.50): VU034250.D (-2768) (-)

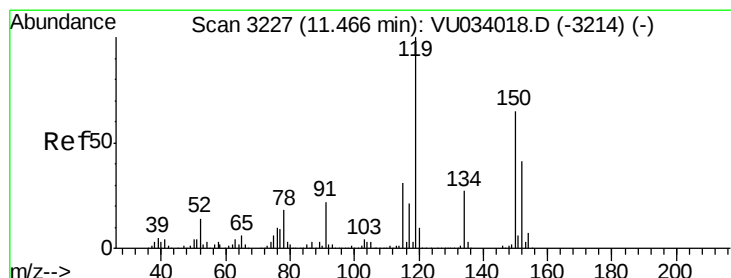
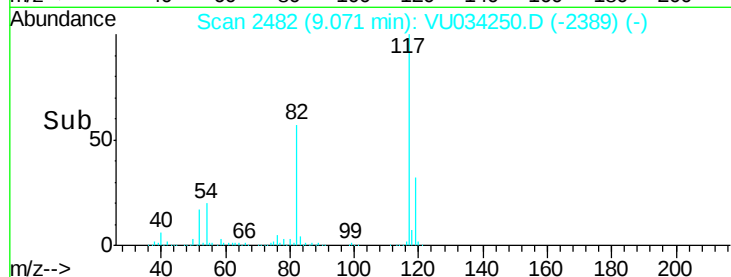
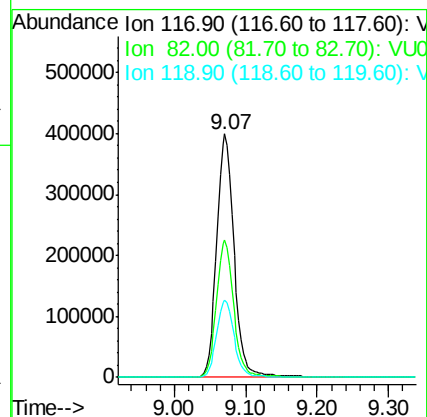
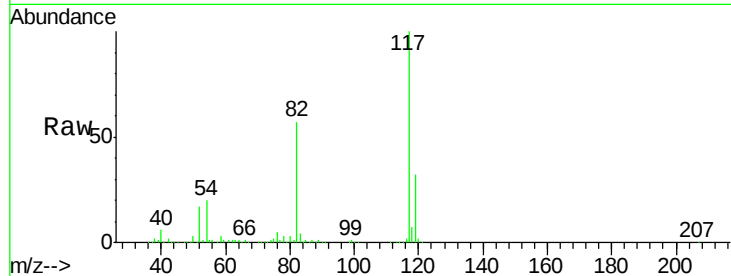




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034250.D
Acq: 04 Sep 2019 12:14

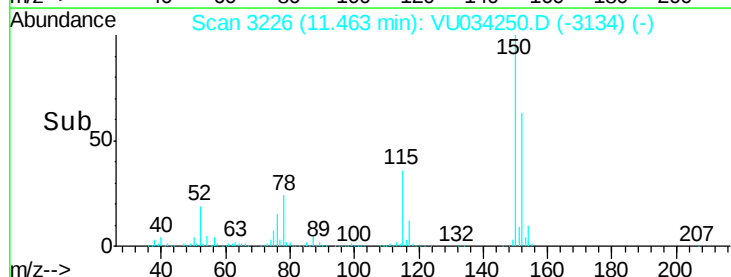
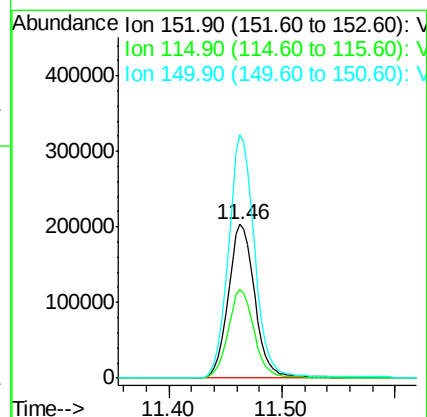
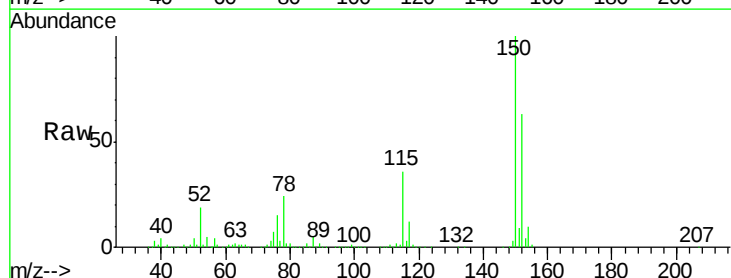
Instrument :
MSVOA_U
ClientSampleId :
T3-S-B3-(0)

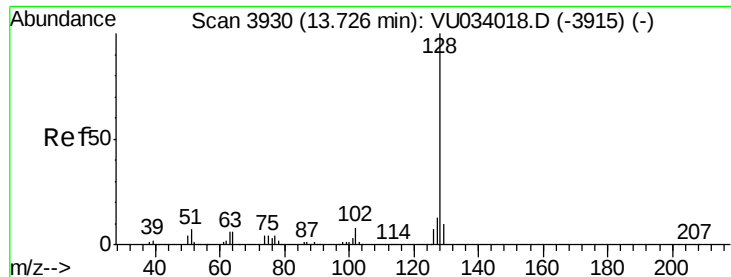
Tot Ion:117 Resp: 678490
Ion Ratio Lower Upper
117 100
82 56.7 45.1 67.7
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VU034250.D
Acq: 04 Sep 2019 12:14

Tgt Ion:152 Resp: 332961
Ion Ratio Lower Upper
152 100
115 56.1 41.1 123.3
150 155.8 0.0 348.8





#95

Naphthalene

Concen: 2.342 ug/l

RT: 13.75 min Scan# 3936

Delta R.T. 0.02 min

Lab File: VU034250.D

Acq: 04 Sep 2019 12:14

Instrument :

MSVOA_U

ClientSampleId :

T3-S-B3-(0)

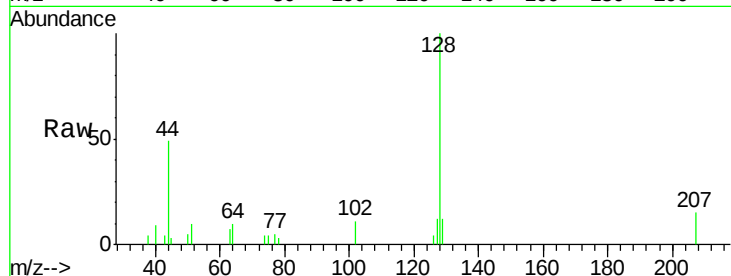
Tot Ion:128 Resp: 11907

Ion Ratio Lower Upper

128 100

127 4.3 10.2 15.4#

129 7.6 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

