

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090519\
 Data File : VU034248.D
 Acq On : 04 Sep 2019 11:28
 Operator : JC/SP
 Sample : K4546-36
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T3-S-B2-(2.5)

Quant Time: Sep 05 04:40:43 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

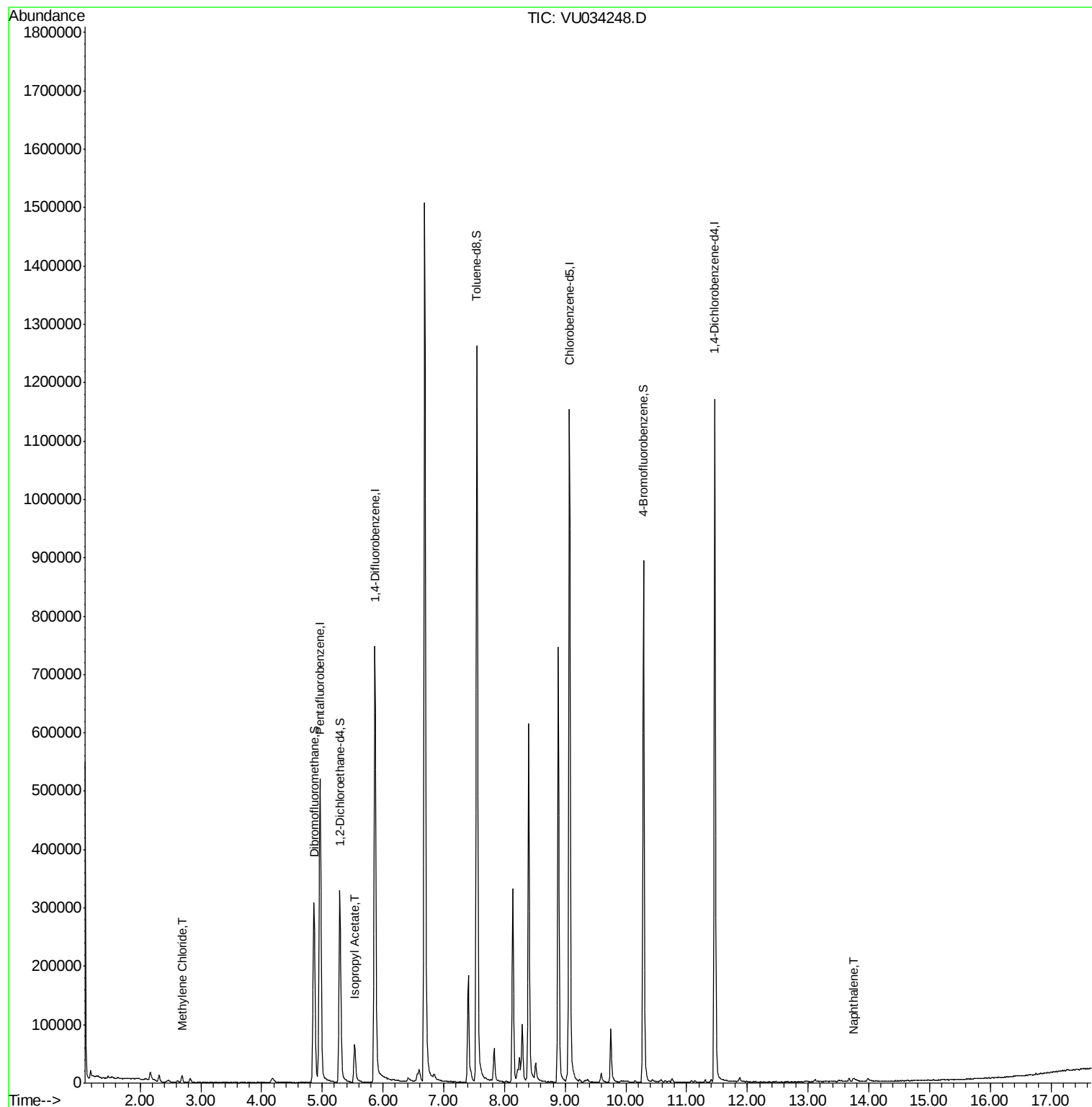
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	425729	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	681643	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	674564	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	322311	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	259421	47.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.12%	
35) Dibromofluoromethane	4.86	113	224449	47.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.94%	
50) Toluene-d8	7.55	98	889540	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.50%	
62) 4-Bromofluorobenzene	10.29	95	308154	44.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.50%	
Target Compounds						
20) Methylene Chloride	2.69	84	5435	1.031	ug/l	95
43) Isopropyl Acetate	5.53	43	80209	7.302	ug/l	97
95) Naphthalene	13.74	128	12168	2.373	ug/l #	78

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

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.01 min

Lab File: VU034248.D

Acq: 04 Sep 2019 11:28

Instrument :

MSVOA_U

ClientSampleId :

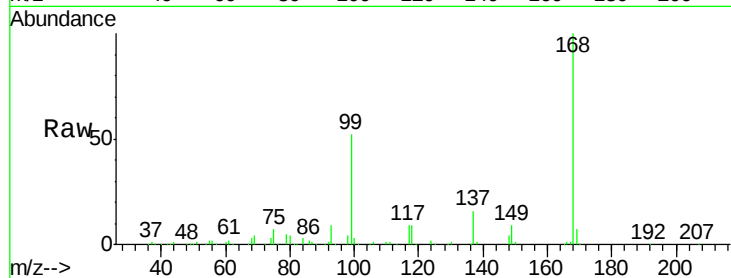
T3-S-B2-(2.5)

Tot Ion:168 Resp: 425729

Ion Ratio Lower Upper

168 100

99 52.1 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034248.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU034248.D (-1185) (-)

4.96

200000

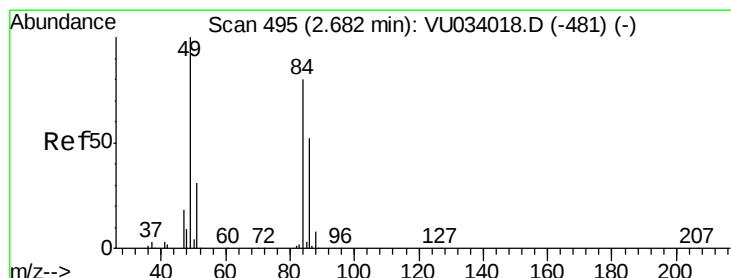
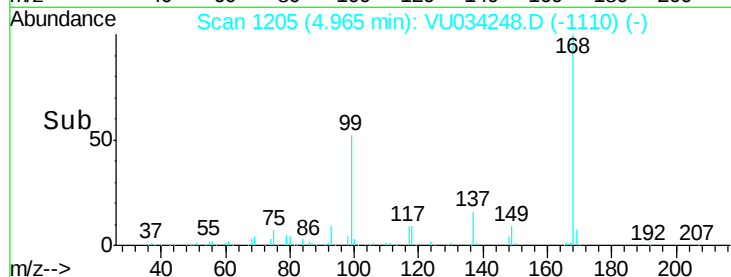
150000

100000

50000

0

Time--> 4.85 4.90 4.95 5.00 5.05



#20

Methylene Chloride

Concen: 1.031 ug/l

RT: 2.69 min Scan# 497

Delta R.T. 0.01 min

Lab File: VU034248.D

Acq: 04 Sep 2019 11:28

Tgt Ion: 84 Resp: 5435

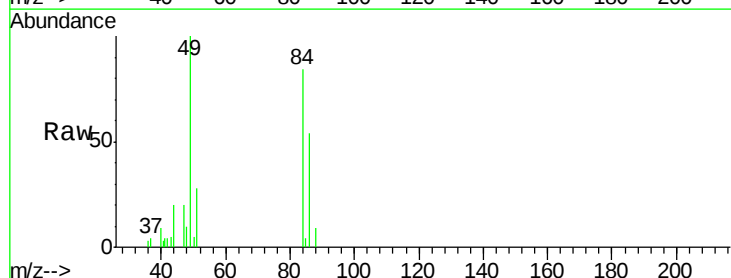
Ion Ratio Lower Upper

84 100

49 119.5 100.2 150.4

51 33.1 30.8 46.2

86 64.6 52.5 78.7



Abundance Ion 83.90 (83.60 to 84.60): VU034248.D (-402) (-)

Ion 48.90 (48.60 to 49.60): VU034248.D (-402) (-)

Ion 50.90 (50.60 to 51.60): VU034248.D (-402) (-)

Ion 85.90 (85.60 to 86.60): VU034248.D (-402) (-)

2.69

5000

4000

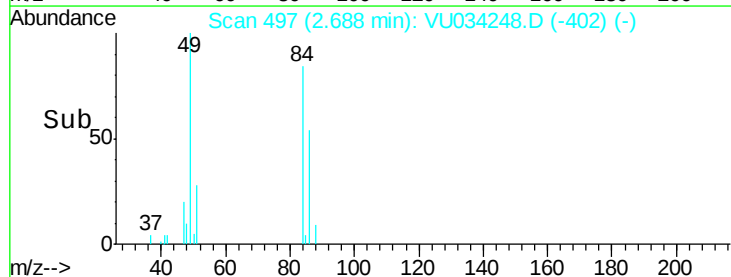
3000

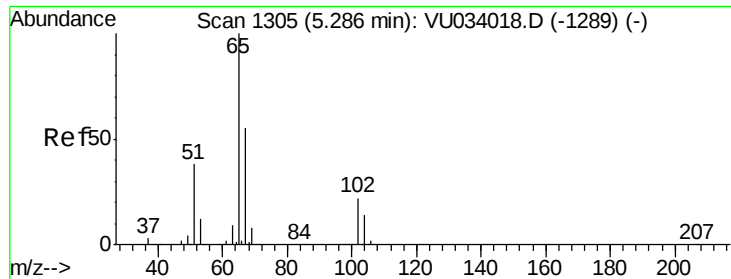
2000

1000

0

Time--> 2.65 2.70 2.75

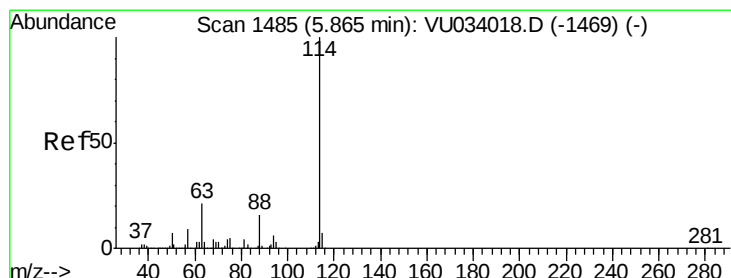
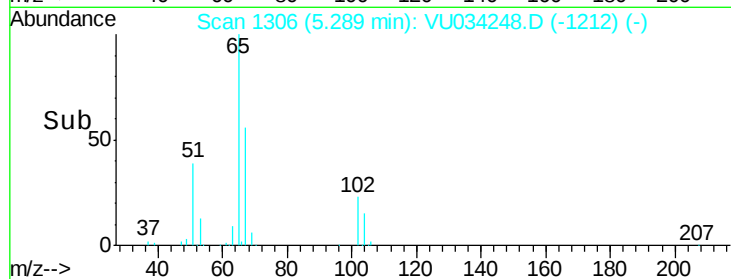
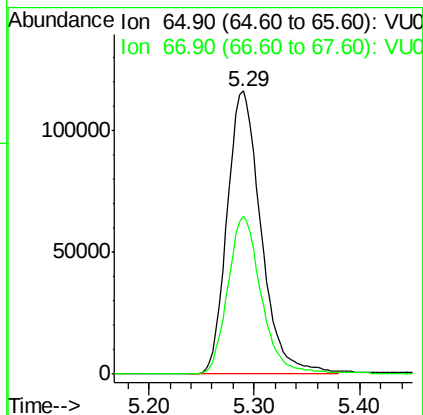
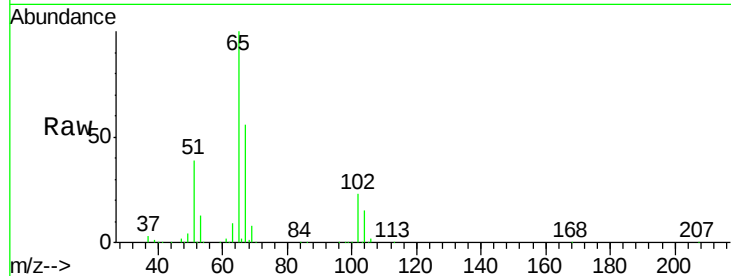




#33
 1,2-Dichloroethane-d4
 Concen: 47.556 ug/l
 RT: 5.29 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: VU034248.D
 Acq: 04 Sep 2019 11:28

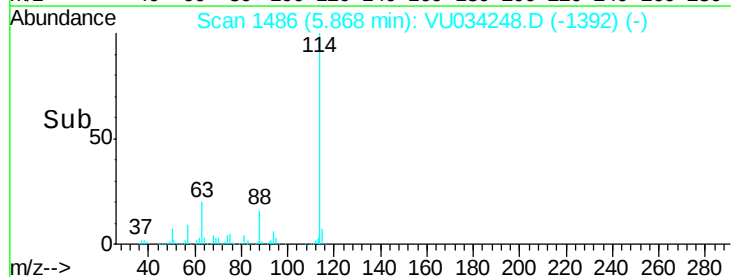
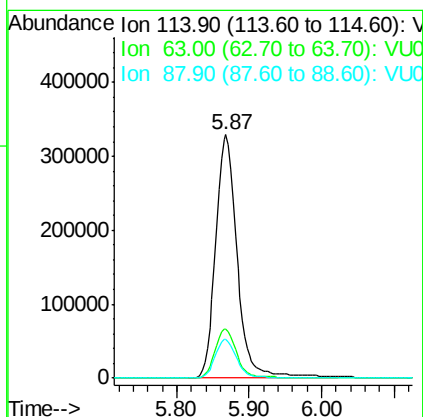
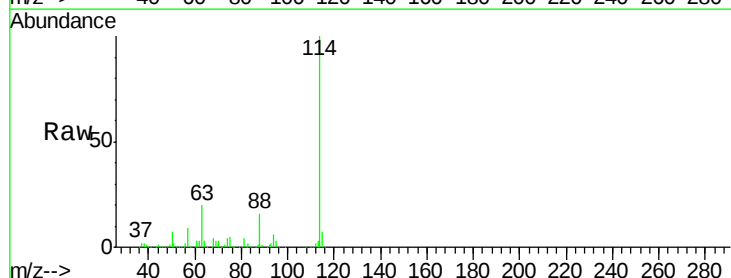
Instrument :
 MSVOA_U
 ClientSampleId :
 T3-S-B2-(2.5)

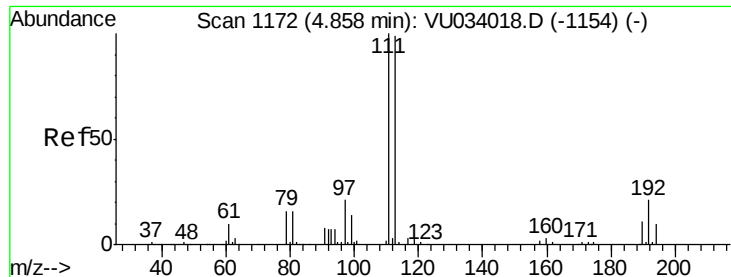
Tot Ion: 65 Resp: 259421
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034248.D
 Acq: 04 Sep 2019 11:28

Tgt Ion: 114 Resp: 681643
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 42.0
 88 15.7 0.0 32.0

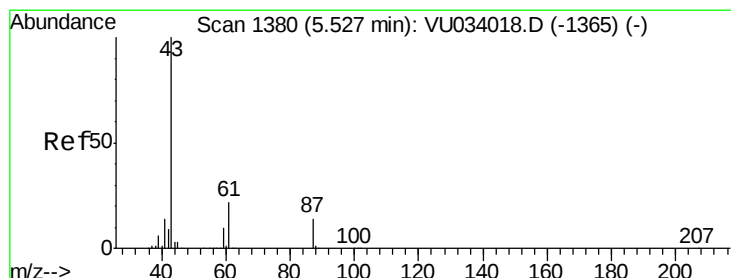
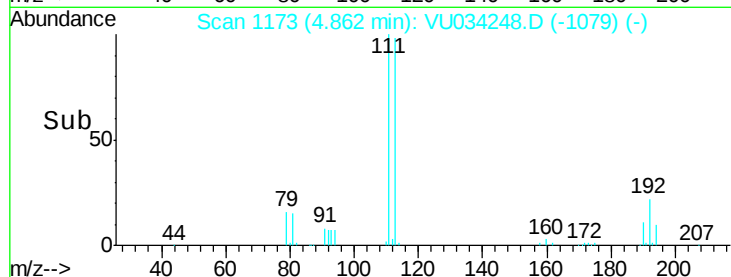
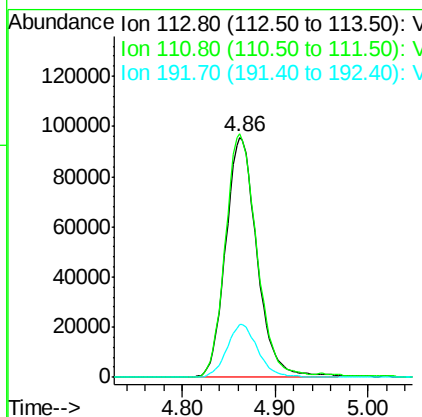
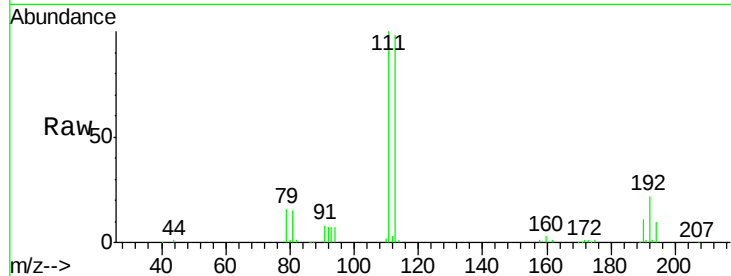




#35
 Dibromofluoromethane
 Concen: 47.474 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034248.D
 Acq: 04 Sep 2019 11:28

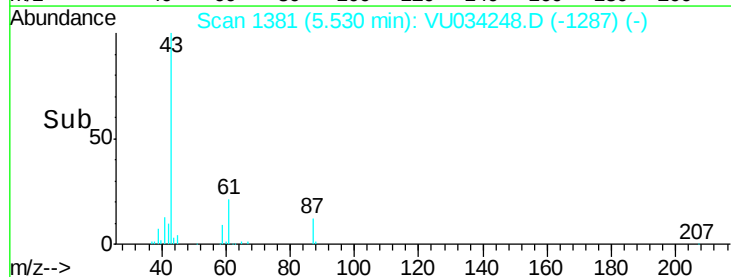
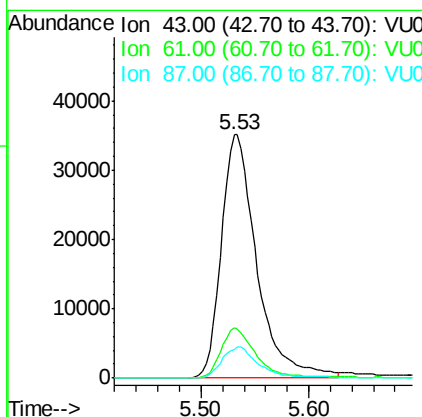
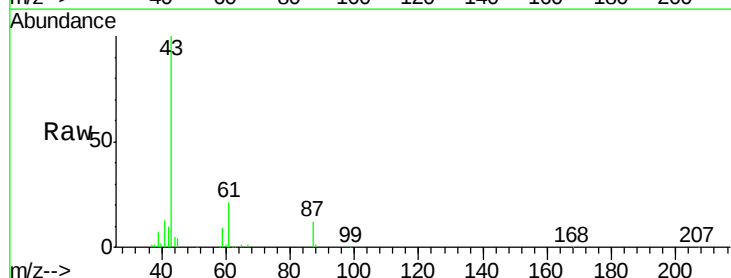
Instrument :
 MSVOA_U
 ClientSampleId :
 T3-S-B2-(2.5)

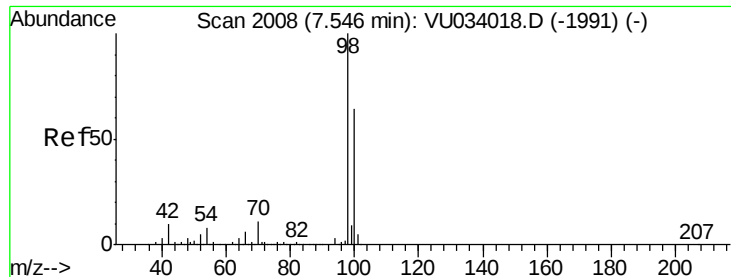
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.7	122.5
192	22.0	17.1	25.7



#43
 Isopropyl Acetate
 Concen: 7.302 ug/l
 RT: 5.53 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VU034248.D
 Acq: 04 Sep 2019 11:28

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.7	17.2	25.8
87	13.1	10.8	16.2





#50

Toluene-d8

Concen: 50.249 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034248.D

Acq: 04 Sep 2019 11:28

Instrument :

MSVOA_U

ClientSampleId :

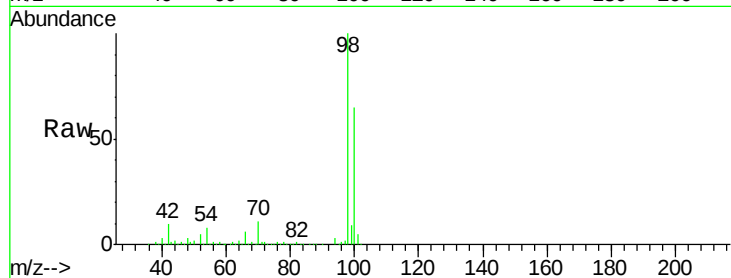
T3-S-B2-(2.5)

Tot Ion: 98 Resp: 889540

Ion Ratio Lower Upper

98 100

100 64.8 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

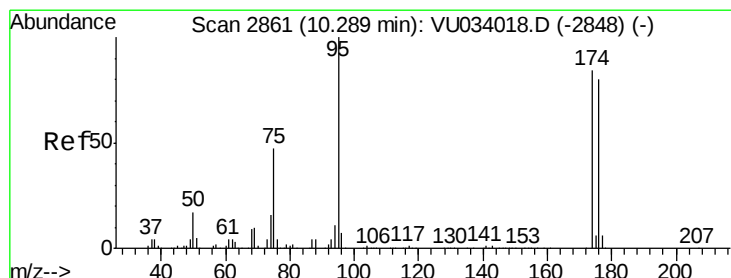
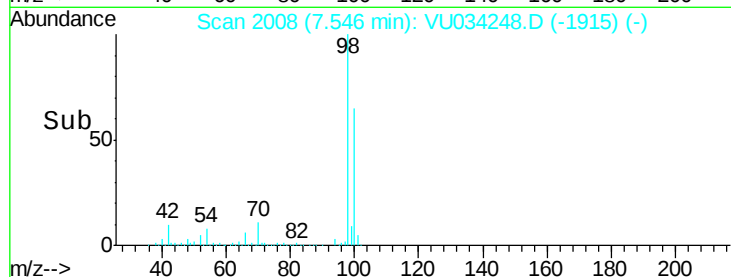
300000

200000

100000

0

Time--> 7.40 7.50 7.60 7.70



#62

4-Bromofluorobenzene

Concen: 44.750 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034248.D

Acq: 04 Sep 2019 11:28

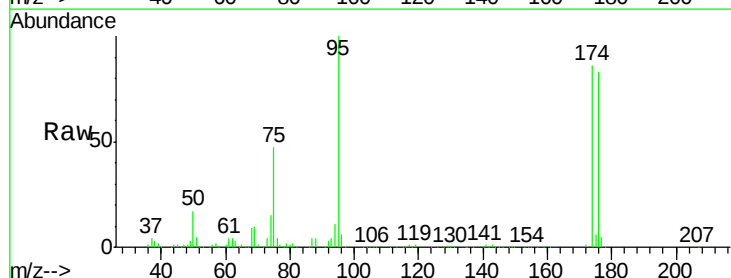
Tgt Ion: 95 Resp: 308154

Ion Ratio Lower Upper

95 100

174 86.7 0.0 168.8

176 82.4 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

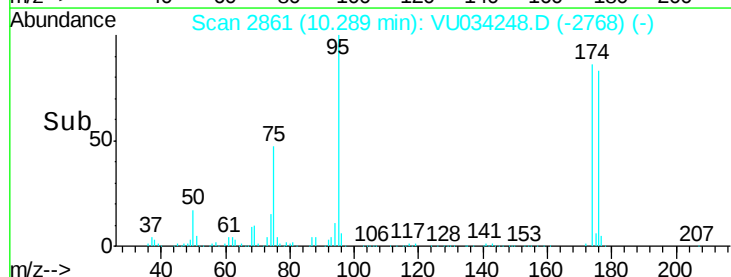
150000

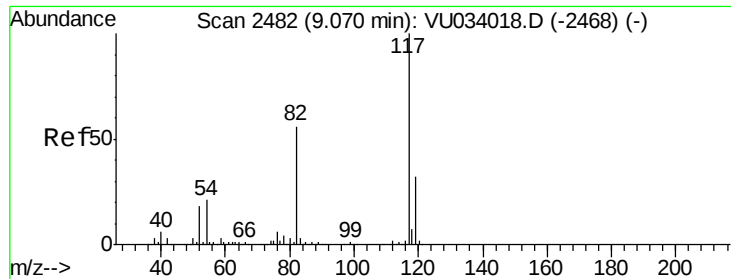
100000

50000

0

Time--> 10.20 10.30 10.40

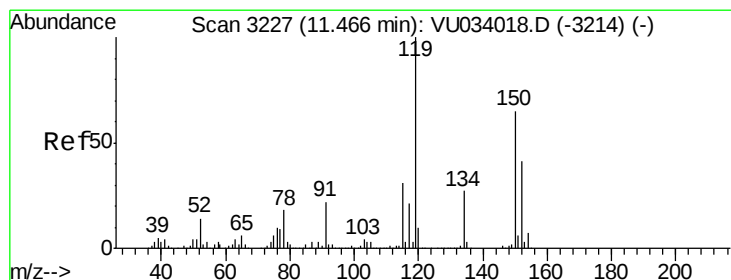
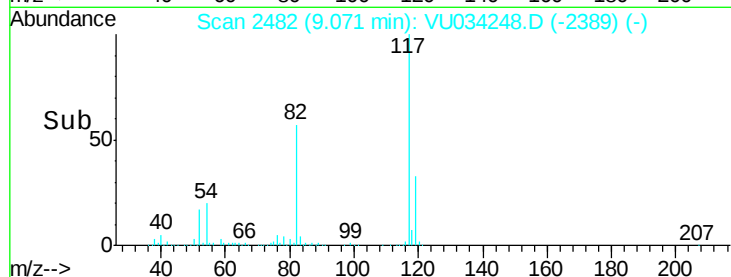
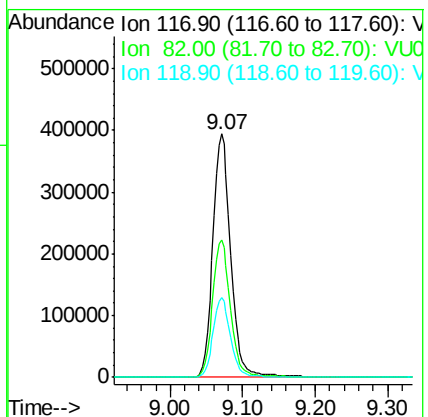
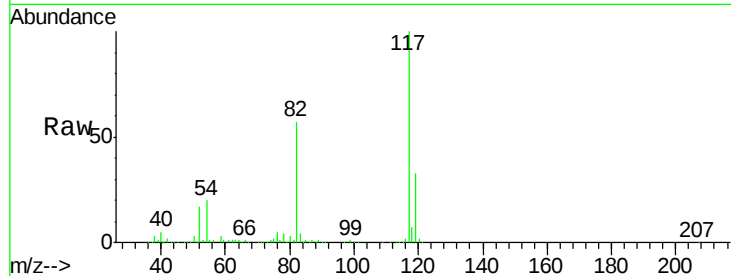




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034248.D
Acq: 04 Sep 2019 11:28

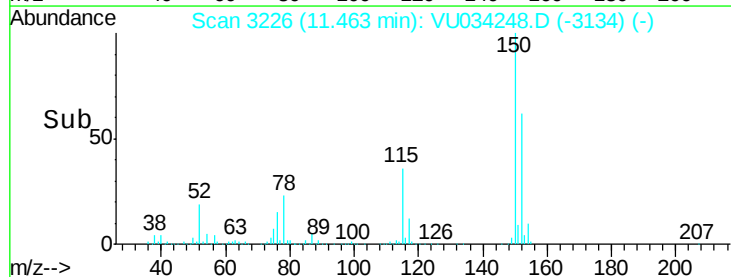
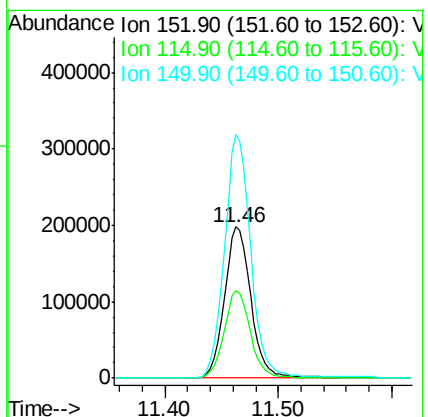
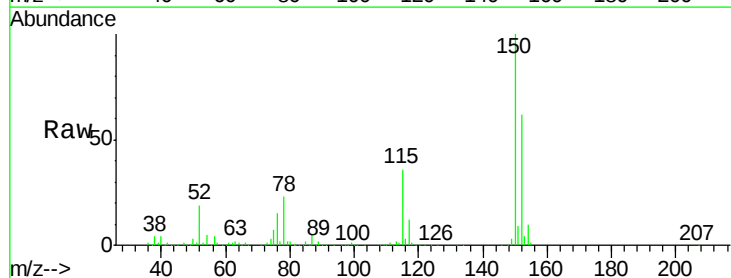
Instrument :
MSVOA_U
ClientSampleId :
T3-S-B2-(2.5)

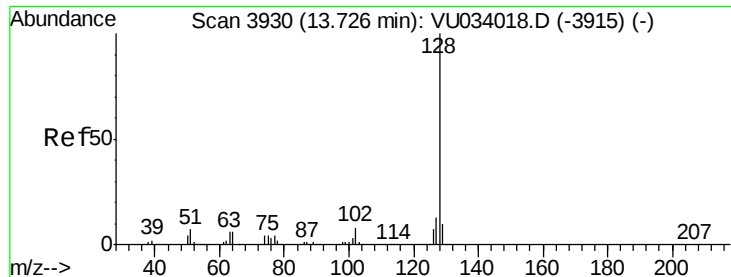
Tot Ion:117 Resp: 674564
Ion Ratio Lower Upper
117 100
82 56.5 45.1 67.7
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VU034248.D
Acq: 04 Sep 2019 11:28

Tgt Ion:152 Resp: 322311
Ion Ratio Lower Upper
152 100
115 57.6 41.1 123.3
150 160.1 0.0 348.8





#95

Naphthalene

Concen: 2.373 ug/l

RT: 13.74 min Scan# 3935

Delta R.T. 0.02 min

Lab File: VU034248.D

Acq: 04 Sep 2019 11:28

Instrument :

MSVOA_U

ClientSampleId :

T3-S-B2-(2.5)

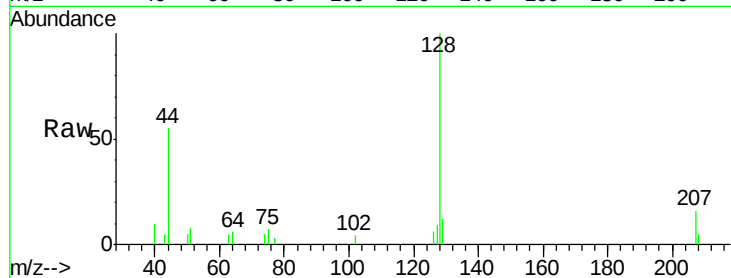
Tot Ion:128 Resp: 12168

Ion Ratio Lower Upper

128 100

127 2.8 10.2 15.4#

129 4.0 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

