

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090219\
 Data File : VU034140.D
 Acq On : 31 Aug 2019 23:03
 Operator : JC/SP
 Sample : K4517-29
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T4-S-D4-(2.5)

Quant Time: Sep 01 05:21:24 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

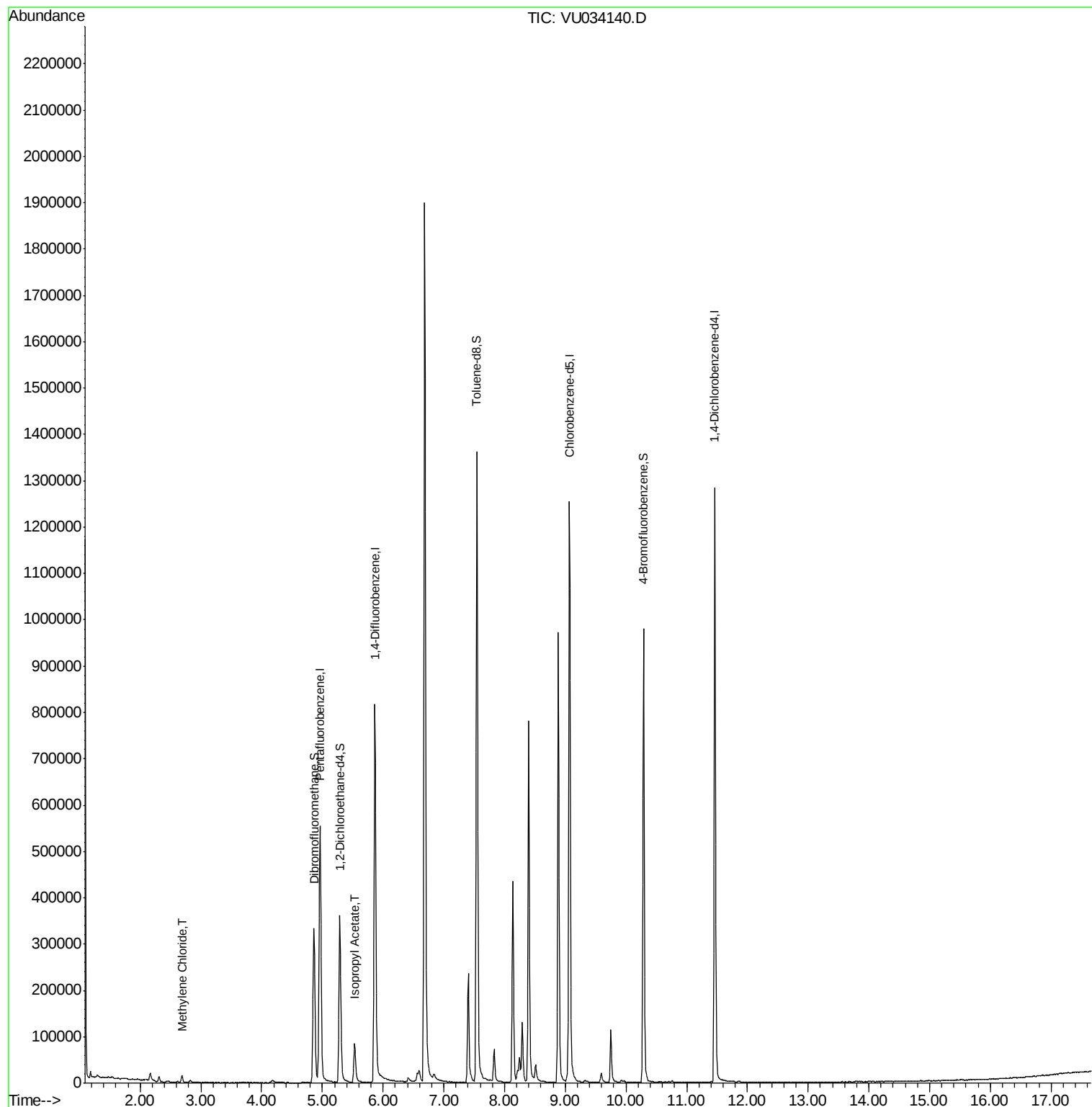
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	456014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	741180	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	726378	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	358353	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	288026	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.58%	
35) Dibromofluoromethane	4.86	113	240118	46.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.42%	
50) Toluene-d8	7.55	98	961263	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.88%	
62) 4-Bromofluorobenzene	10.29	95	336100	44.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.78%	
Target Compounds						
20) Methylene Chloride	2.69	84	6657	1.179	ug/l	96
43) Isopropyl Acetate	5.53	43	101332	8.484	ug/l	98

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

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QLast Update : Thu Aug 29 04:11:12 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.01 min

Lab File: VU034140.D

Acq: 31 Aug 2019 23:03

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MSVOA_U

ClientSampleId :

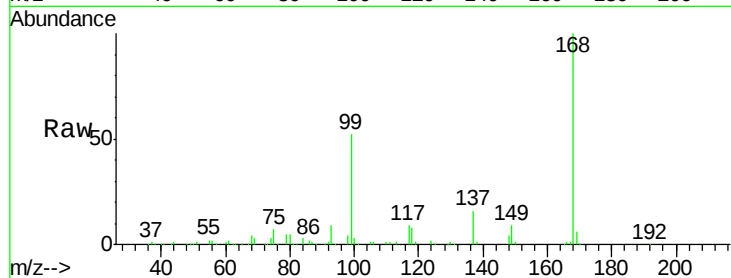
T4-S-D4-(2.5)

Tot Ion:168 Resp: 456014

Ion Ratio Lower Upper

168 100

99 52.1 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034140.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU034140.D (-1185) (-)

4.96

200000

150000

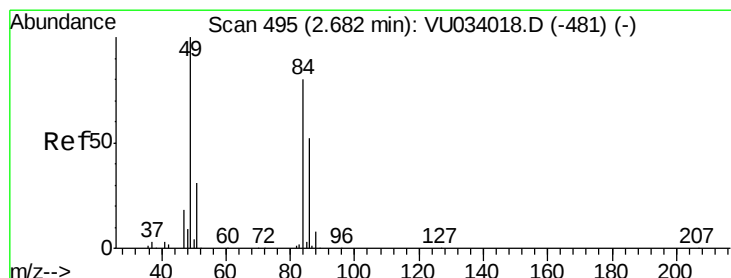
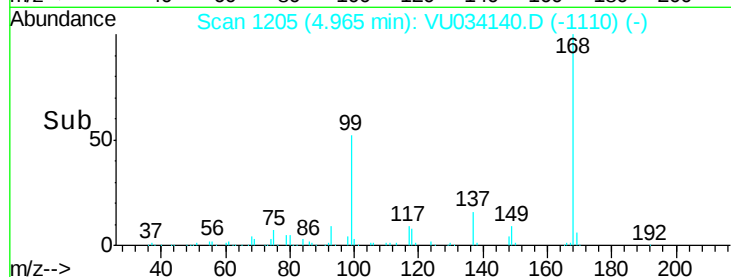
100000

50000

0

4.90 5.00 5.10

Time-->



#20

Methylene Chloride

Concen: 1.179 ug/l

RT: 2.69 min Scan# 497

Delta R.T. 0.01 min

Lab File: VU034140.D

Acq: 31 Aug 2019 23:03

Tgt Ion: 84 Resp: 6657

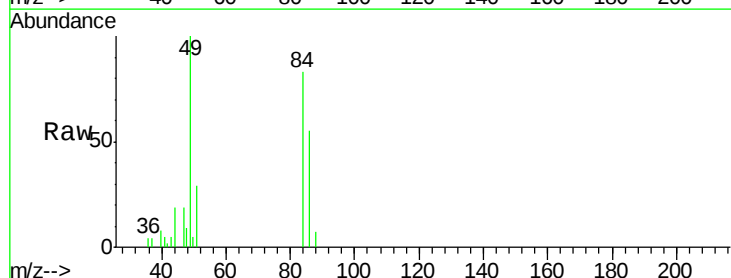
Ion Ratio Lower Upper

84 100

49 120.1 100.2 150.4

51 35.4 30.8 46.2

86 66.4 52.5 78.7



Abundance Ion 83.90 (83.60 to 84.60): VU034140.D (-481) (-)

Ion 48.90 (48.60 to 49.60): VU034140.D (-481) (-)

Ion 50.90 (50.60 to 51.60): VU034140.D (-481) (-)

Ion 85.90 (85.60 to 86.60): VU034140.D (-481) (-)

2.69

6000

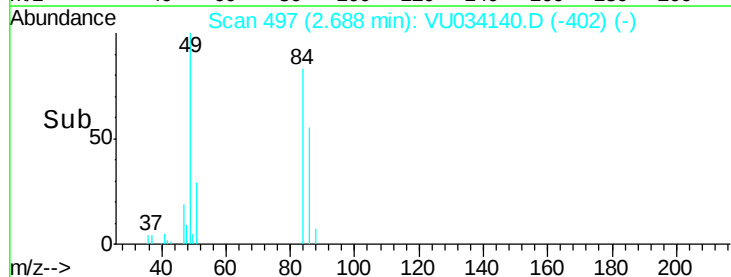
4000

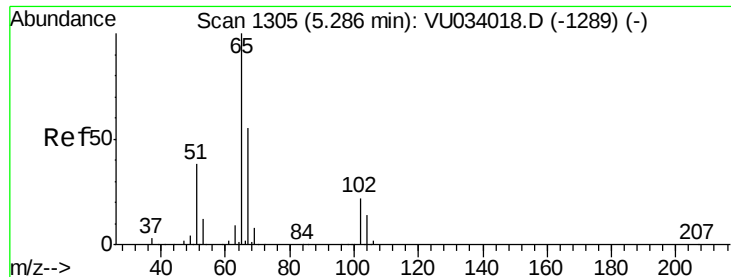
2000

0

2.65 2.70 2.75

Time-->





#33

1,2-Dichloroethane-d4

Concen: 49.293 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034140.D

Acq: 31 Aug 2019 23:03

Instrument :

MSVOA_U

ClientSampleId :

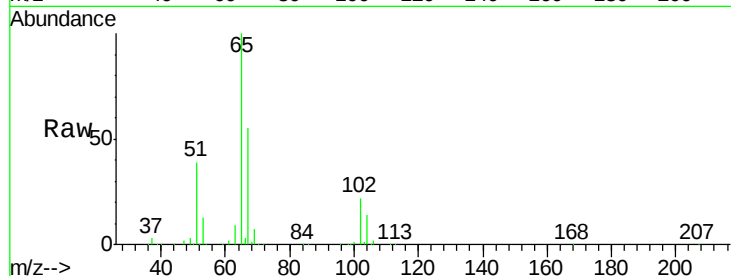
T4-S-D4-(2.5)

Tot Ion: 65 Resp: 288026

Ion Ratio Lower Upper

65 100

67 55.1 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU034140.D (-1289) (-)

Ion 66.90 (66.60 to 67.60): VU034140.D (-1289) (-)

5.29

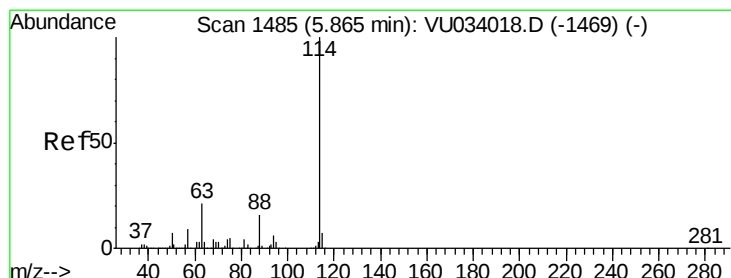
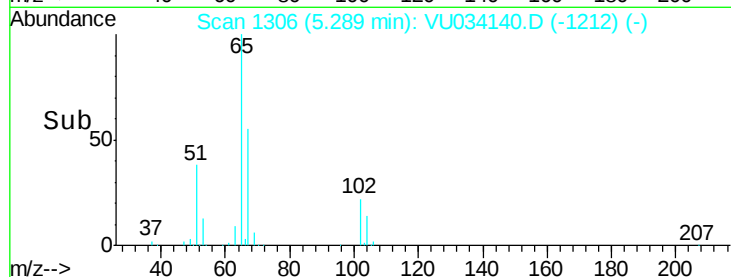
150000

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: VU034140.D

Acq: 31 Aug 2019 23:03

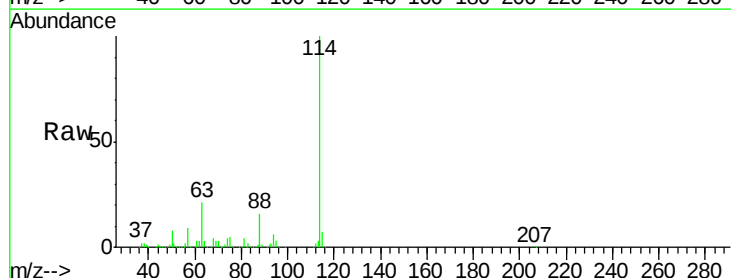
Tgt Ion: 114 Resp: 741180

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.0

88 16.2 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): VU034140.D (-1392) (-)

Ion 63.00 (62.70 to 63.70): VU034140.D (-1392) (-)

Ion 87.90 (87.60 to 88.60): VU034140.D (-1392) (-)

5.87

400000

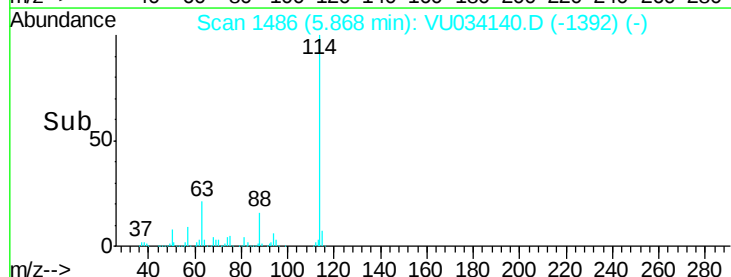
300000

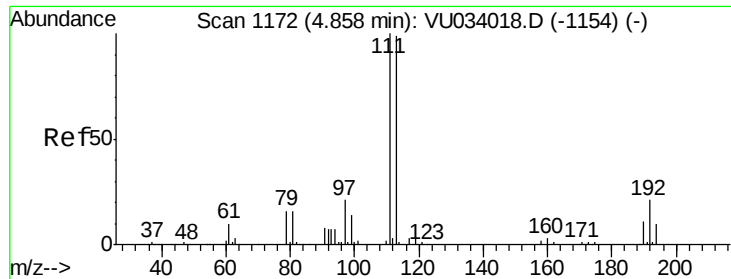
200000

100000

0

Time-->

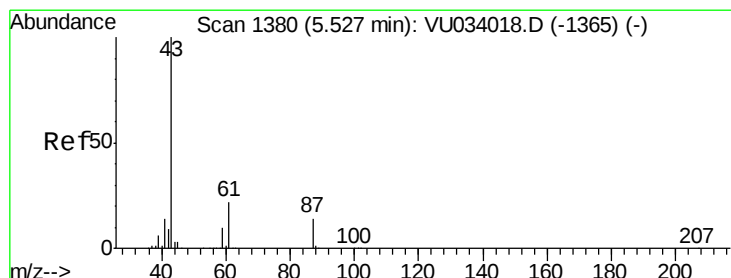
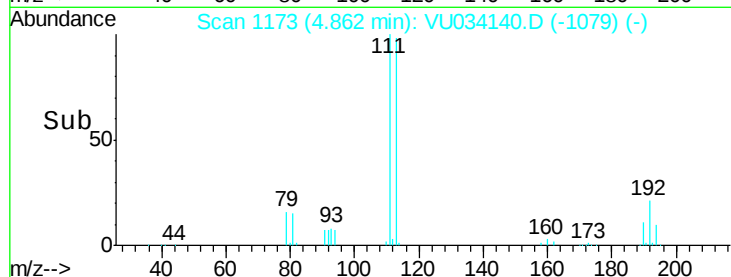
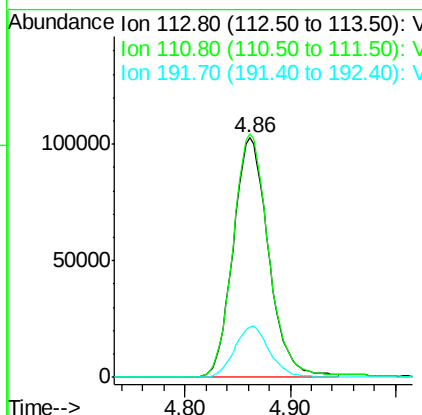
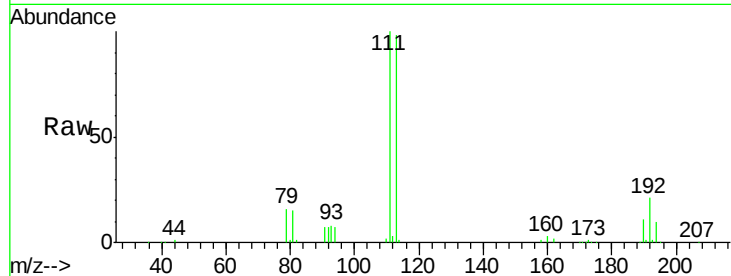




#35
 Dibromofluoromethane
 Concen: 46.709 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034140.D
 Acq: 31 Aug 2019 23:03

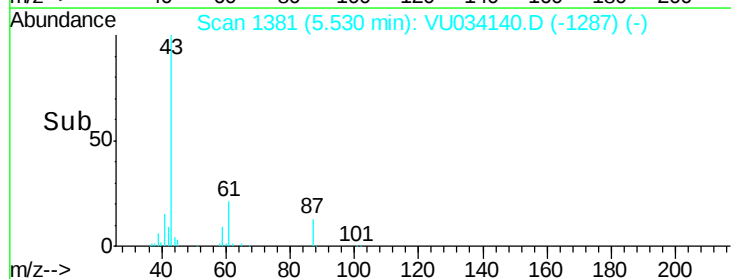
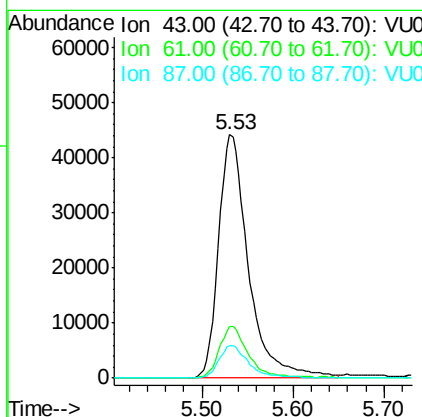
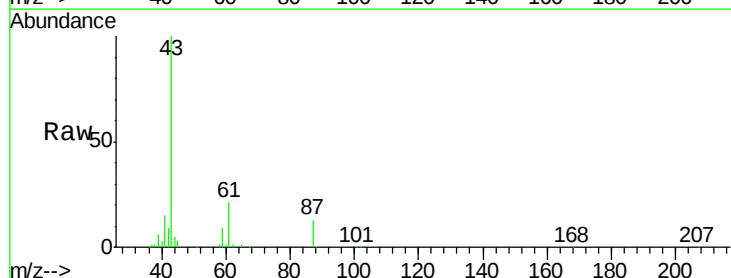
Instrument :
 MSVOA_U
 ClientSampleId :
 T4-S-D4-(2.5)

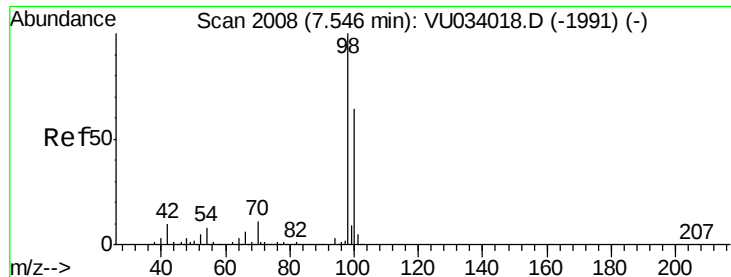
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.7	122.5
192	21.1	17.1	25.7



#43
 Isopropyl Acetate
 Concen: 8.484 ug/l
 RT: 5.53 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VU034140.D
 Acq: 31 Aug 2019 23:03

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.5	17.2	25.8
87	13.3	10.8	16.2





#50

Toluene-d8

Concen: 49.939 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034140.D

Acq: 31 Aug 2019 23:03

Instrument :

MSVOA_U

ClientSampleId :

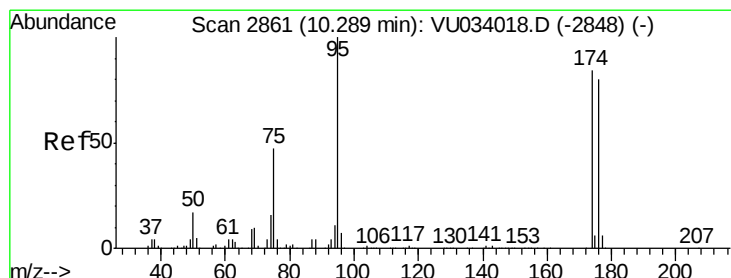
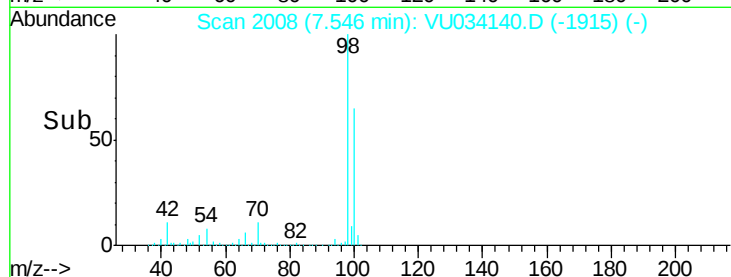
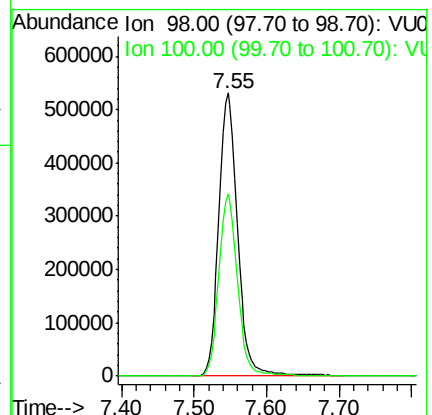
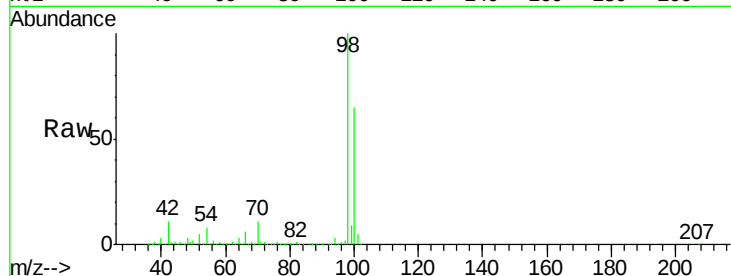
T4-S-D4-(2.5)

Tot Ion: 98 Resp: 961263

Ion Ratio Lower Upper

98 100

100 64.0 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 44.887 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034140.D

Acq: 31 Aug 2019 23:03

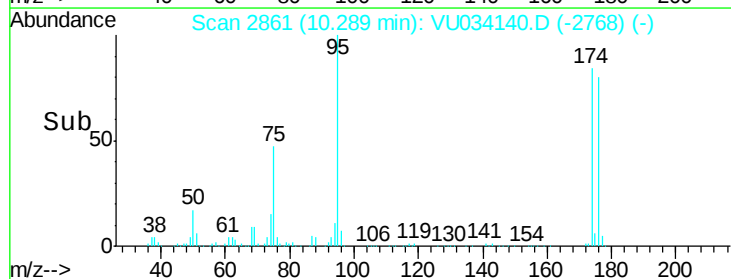
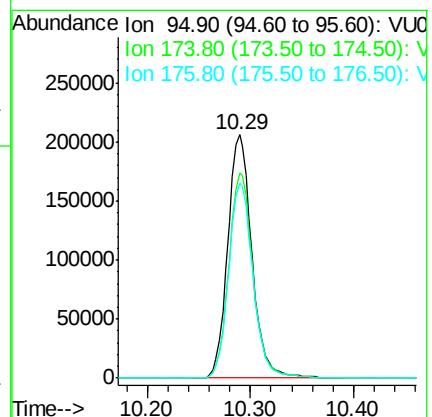
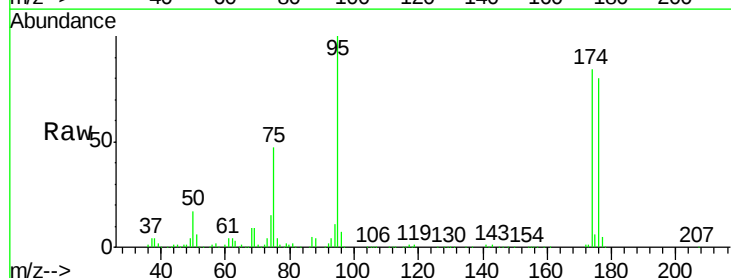
Tgt Ion: 95 Resp: 336100

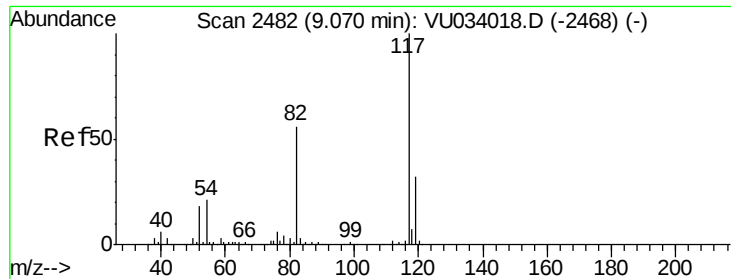
Ion Ratio Lower Upper

95 100

174 84.9 0.0 168.8

176 81.5 0.0 161.8

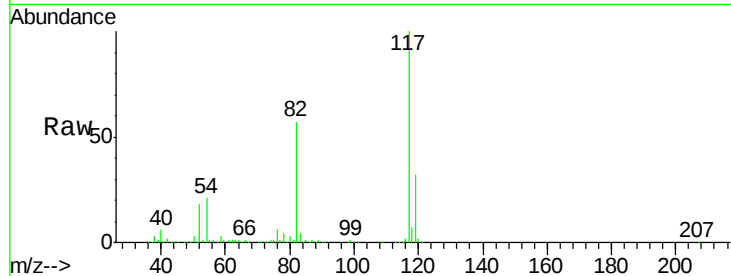




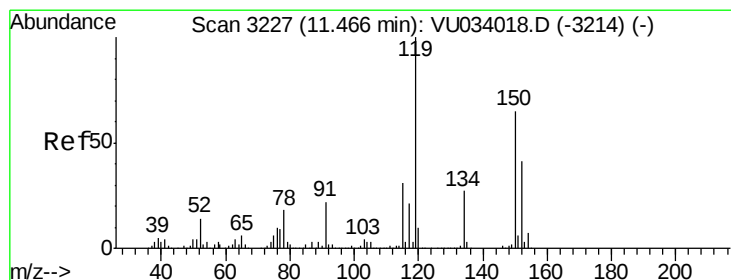
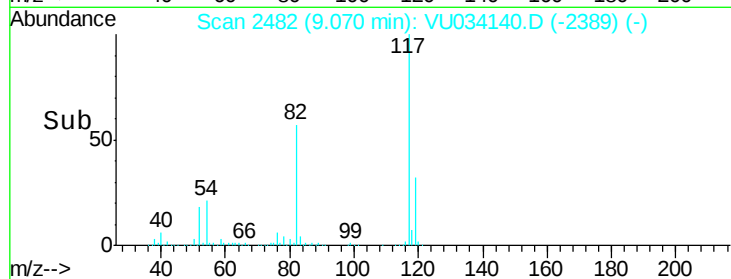
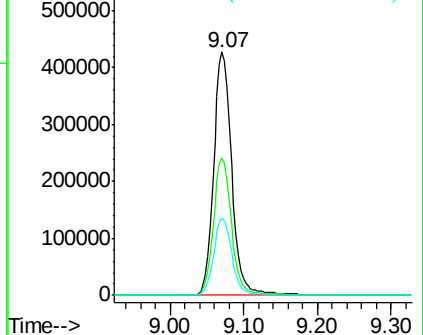
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.07 min Scan# 2482
 Delta R.T. 0.00 min
 Lab File: VU034140.D
 Acq: 31 Aug 2019 23:03

Instrument :
 MSVOA_U
 ClientSampleId :
 T4-S-D4-(2.5)

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.6	45.1	67.7
119	31.9	25.4	38.0

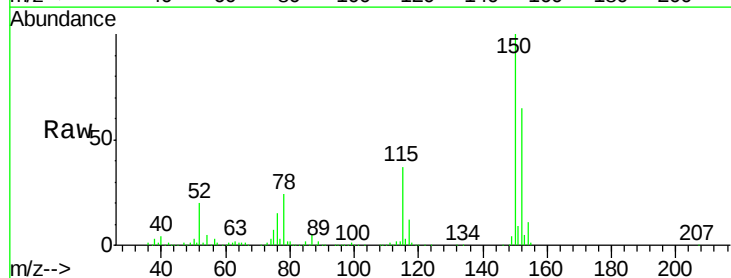


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 118.90 (118.60 to 119.60): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.47 min Scan# 3227
 Delta R.T. 0.00 min
 Lab File: VU034140.D
 Acq: 31 Aug 2019 23:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.6	41.1	123.3
150	155.7	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

