

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090219\
 Data File : VU034138.D
 Acq On : 31 Aug 2019 22:17
 Operator : JC/SP
 Sample : K4089-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 OK-02-082919

Quant Time: Sep 01 05:15:36 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

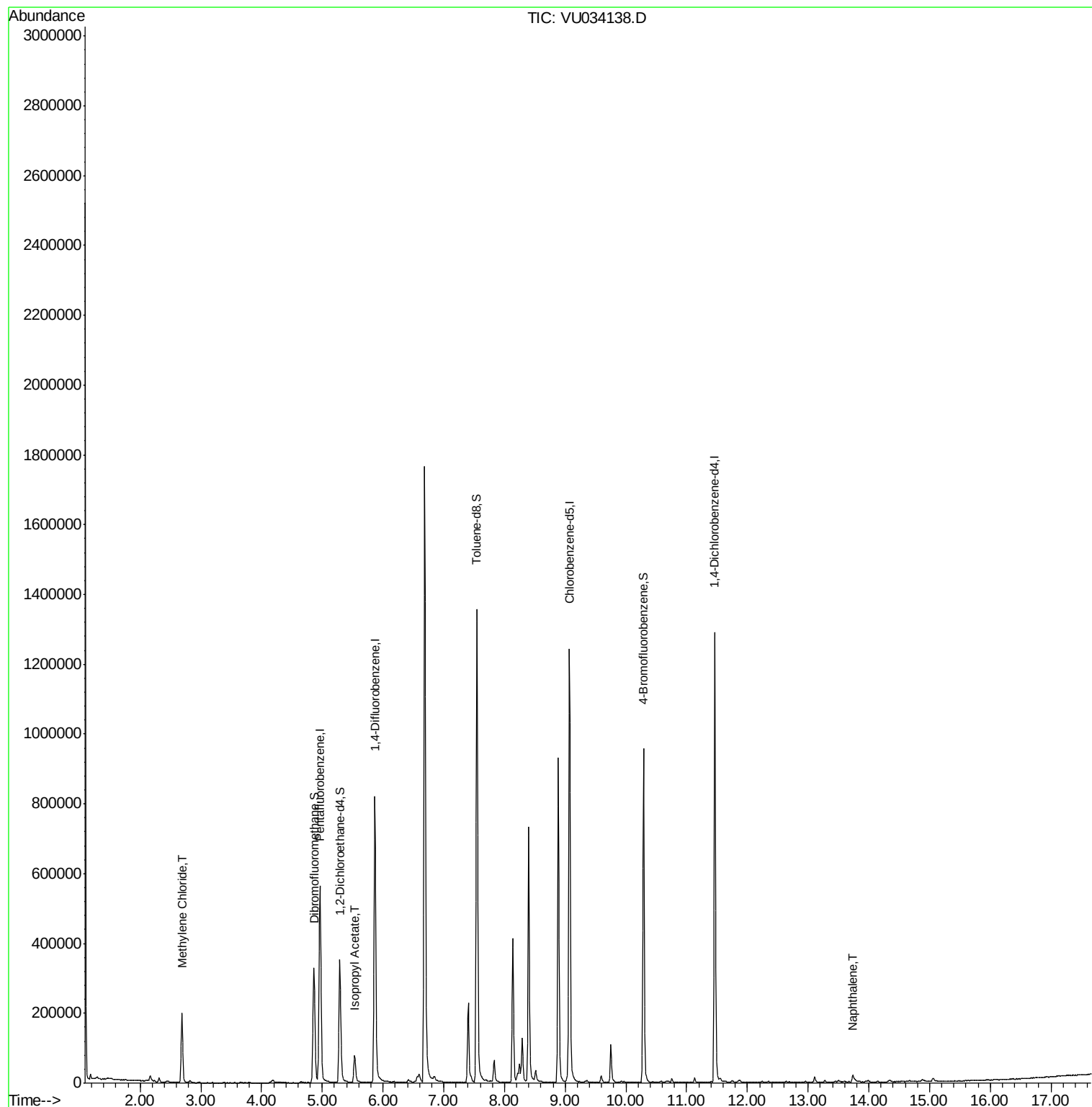
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	459017	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	737507	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	721763	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	354438	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	287089	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
35) Dibromofluoromethane	4.86	113	236605	46.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.50%	
50) Toluene-d8	7.55	98	944888	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
62) 4-Bromofluorobenzene	10.29	95	333130	44.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.42%	
Target Compounds						
20) Methylene Chloride	2.69	84	90088	15.857	ug/l	98
43) Isopropyl Acetate	5.53	43	96635	8.131	ug/l	99
95) Naphthalene	13.74	128	27751	2.999	ug/l #	94

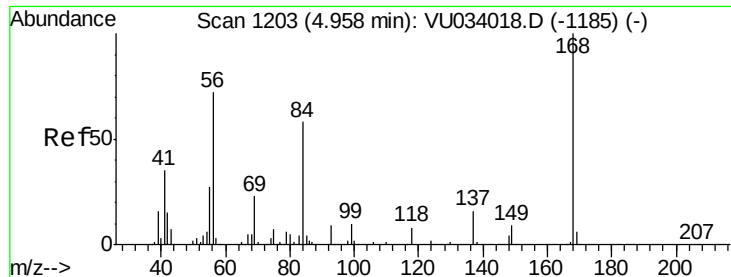
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034138.D

Acq: 31 Aug 2019 22:17

Instrument :

MSVOA_U

ClientSampleId :

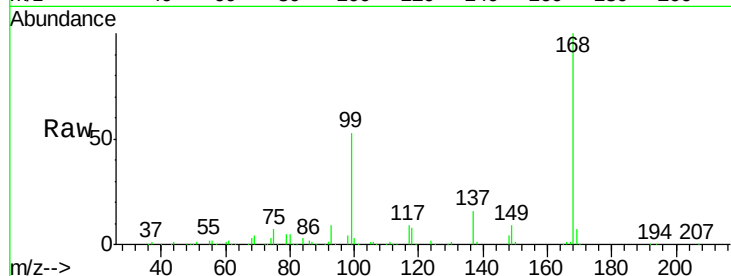
OK-02-082919

Tot Ion:168 Resp: 459017

Ion Ratio Lower Upper

168 100

99 52.9 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034138.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU034138.D (-1185) (-)

4.96

200000

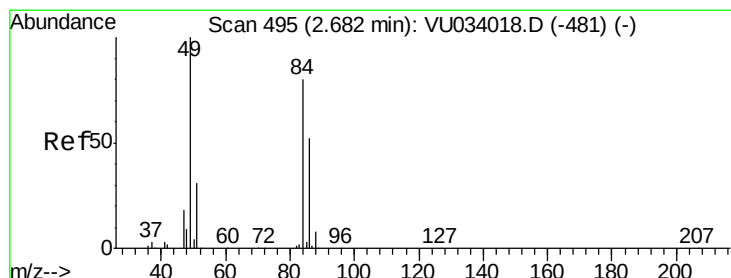
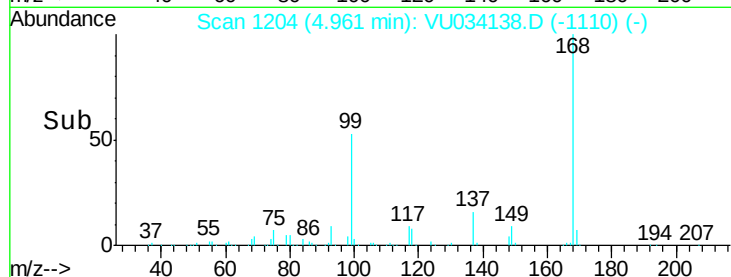
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 15.857 ug/l

RT: 2.69 min Scan# 497

Delta R.T. 0.01 min

Lab File: VU034138.D

Acq: 31 Aug 2019 22:17

Tgt Ion: 84 Resp: 90088

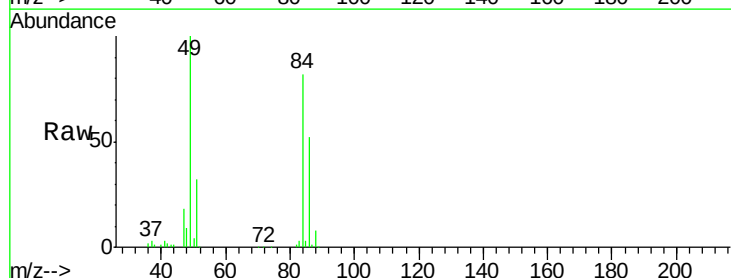
Ion Ratio Lower Upper

84 100

49 122.6 100.2 150.4

51 38.8 30.8 46.2

86 64.2 52.5 78.7



Abundance Ion 83.90 (83.60 to 84.60): VU034138.D (-481) (-)

Ion 48.90 (48.60 to 49.60): VU034138.D (-481) (-)

Ion 50.90 (50.60 to 51.60): VU034138.D (-481) (-)

Ion 85.90 (85.60 to 86.60): VU034138.D (-481) (-)

2.69

80000

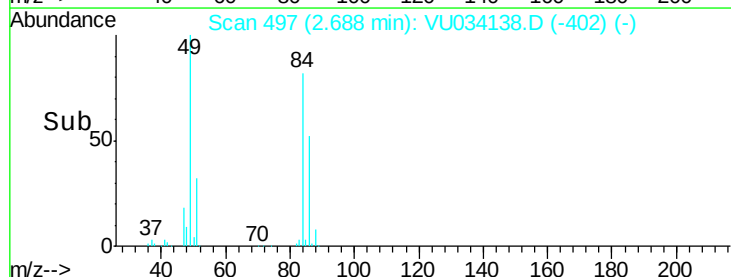
60000

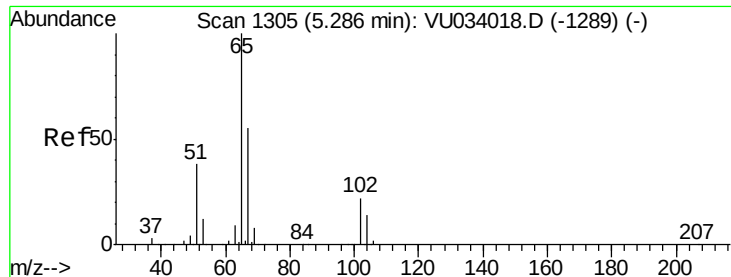
40000

20000

0

Time-->

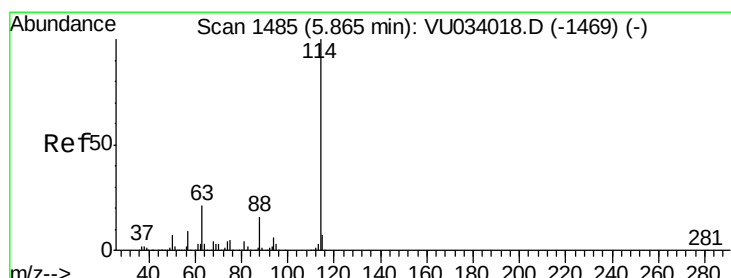
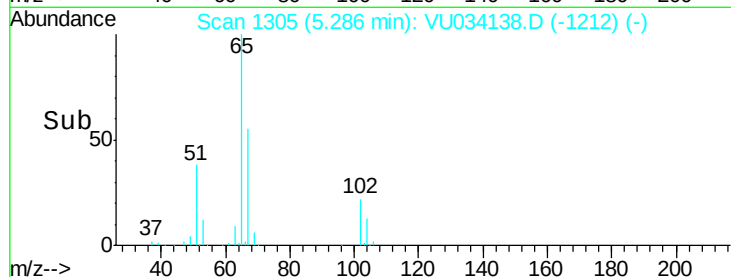
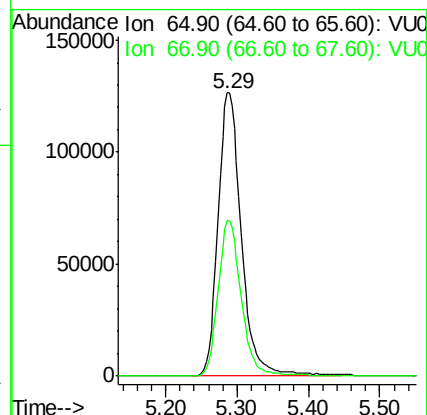
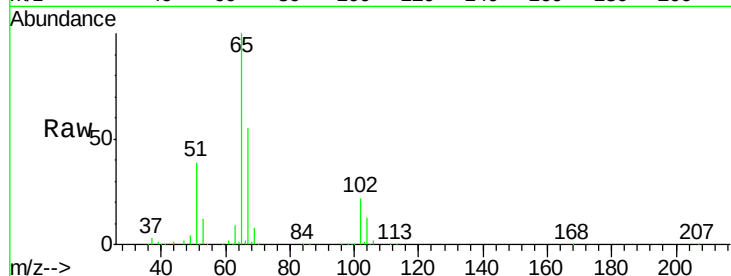




#33
 1,2-Dichloroethane-d4
 Concen: 48.812 ug/l
 RT: 5.29 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: VU034138.D
 Acq: 31 Aug 2019 22:17

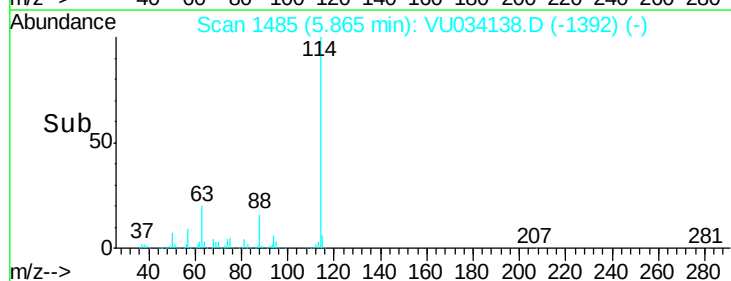
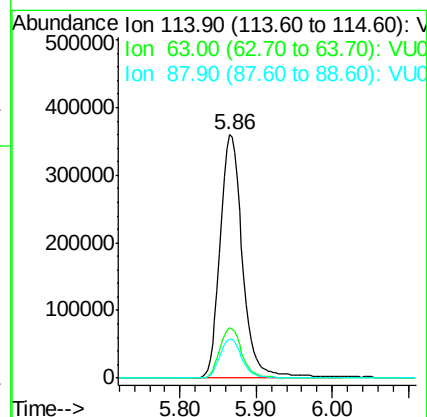
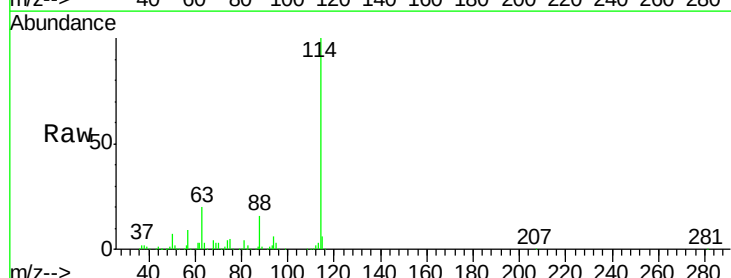
Instrument :
 MSVOA_U
 ClientSampleId :
 OK-02-082919

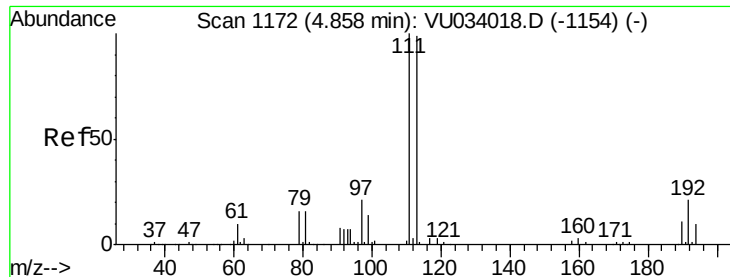
Tot Ion: 65 Resp: 287089
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VU034138.D
 Acq: 31 Aug 2019 22:17

Tgt Ion: 114 Resp: 737507
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.0
 88 16.0 0.0 32.0





#35

Dibromofluoromethane

Concen: 46.255 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034138.D

Acq: 31 Aug 2019 22:17

Instrument :

MSVOA_U

ClientSampleId :

OK-02-082919

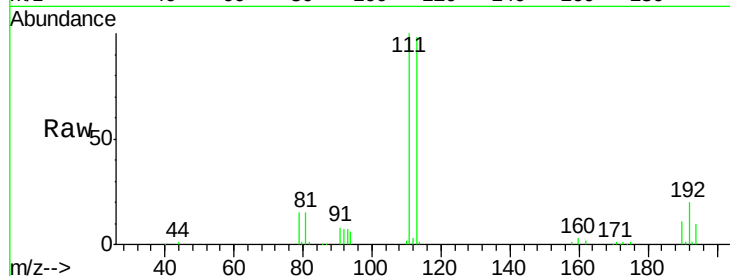
Tot Ion:113 Resp: 236605

Ion Ratio Lower Upper

113 100

111 101.5 81.7 122.5

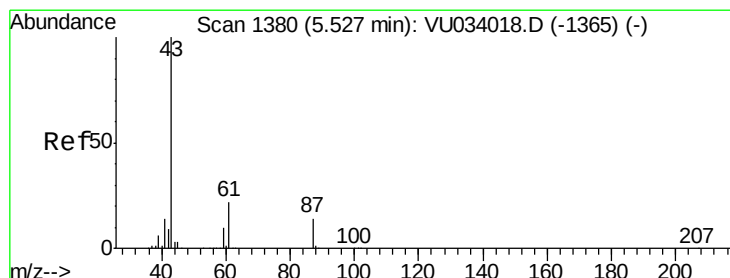
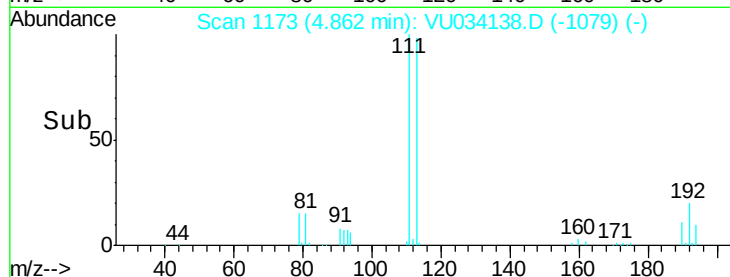
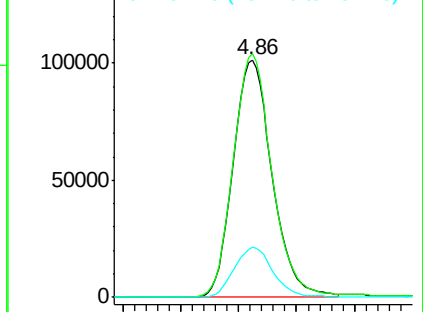
192 21.1 17.1 25.7



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: 8.131 ug/l

RT: 5.53 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VU034138.D

Acq: 31 Aug 2019 22:17

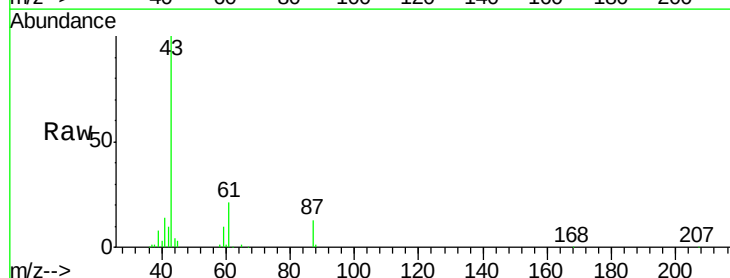
Tgt Ion: 43 Resp: 96635

Ion Ratio Lower Upper

43 100

61 21.1 17.2 25.8

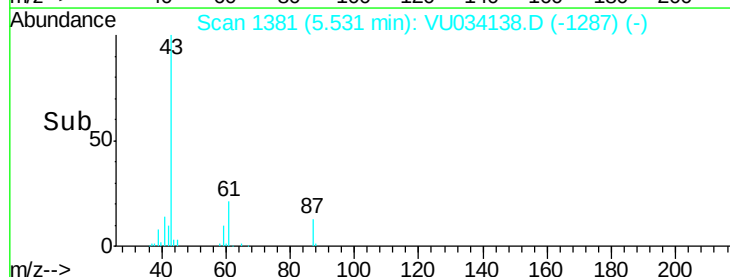
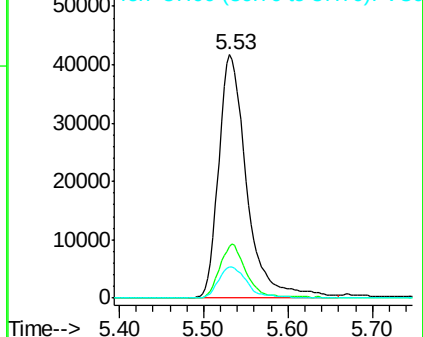
87 13.1 10.8 16.2

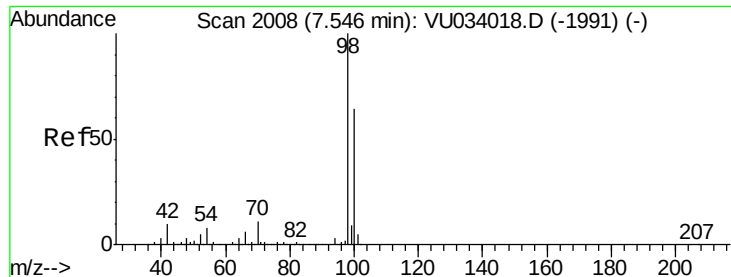


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#50

Toluene-d8

Concen: 49.332 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034138.D

Acq: 31 Aug 2019 22:17

Instrument :

MSVOA_U

ClientSampleId :

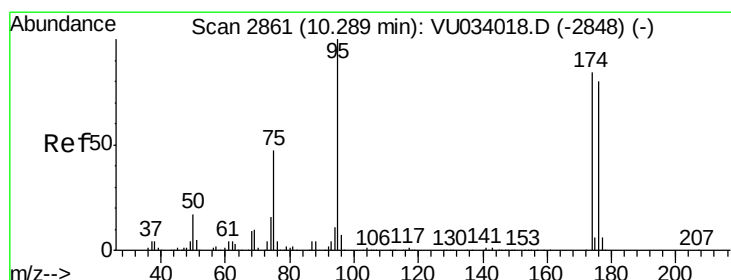
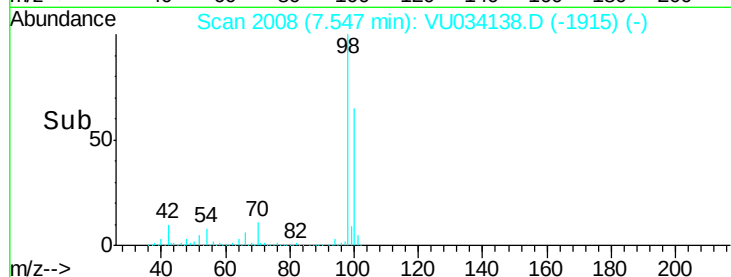
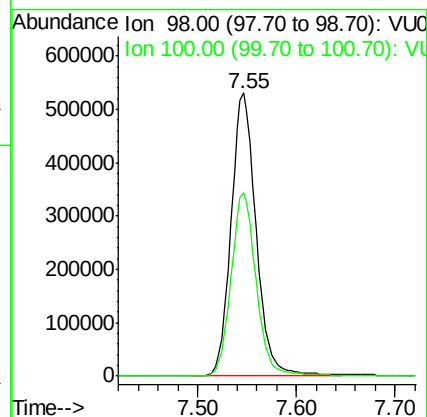
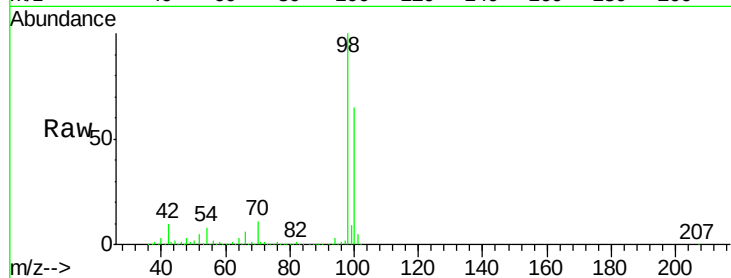
OK-02-082919

Tot Ion: 98 Resp: 944888

Ion Ratio Lower Upper

98 100

100 64.8 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 44.712 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034138.D

Acq: 31 Aug 2019 22:17

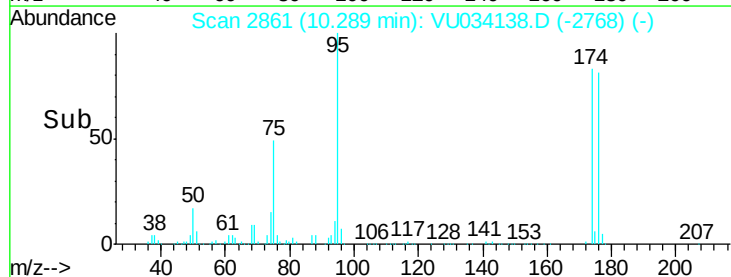
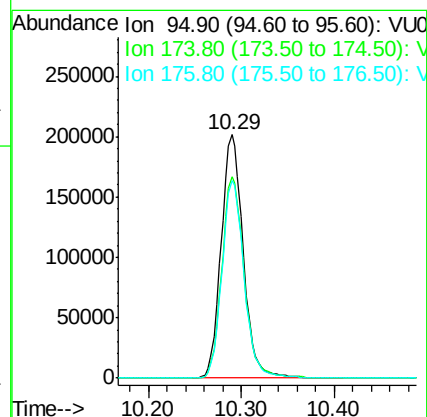
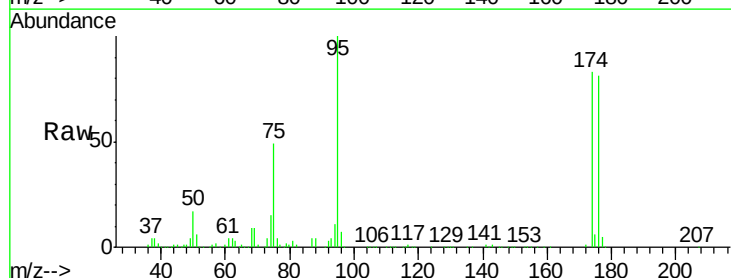
Tgt Ion: 95 Resp: 333130

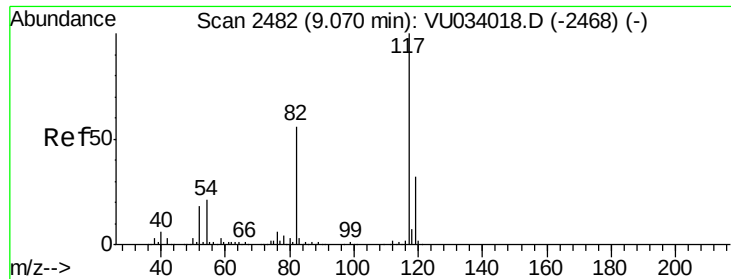
Ion Ratio Lower Upper

95 100

174 83.2 0.0 168.8

176 81.3 0.0 161.8

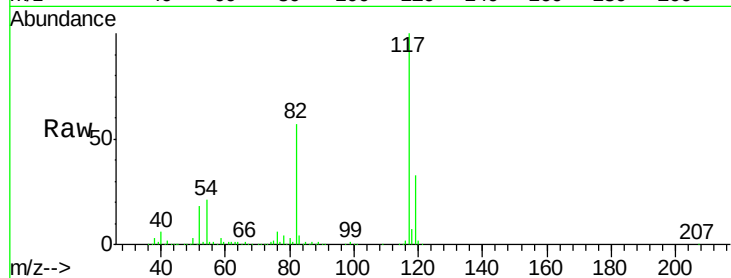




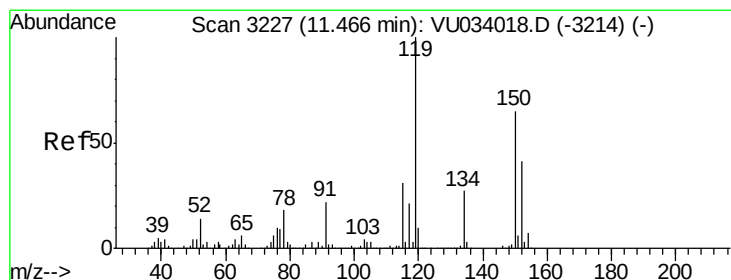
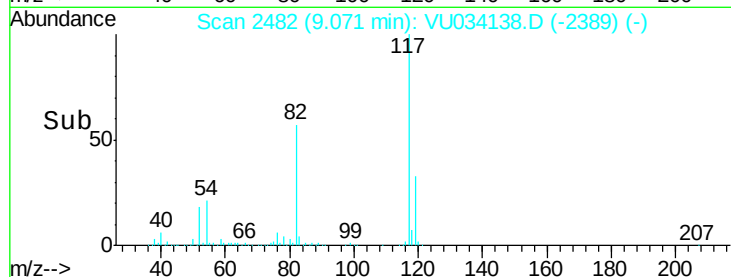
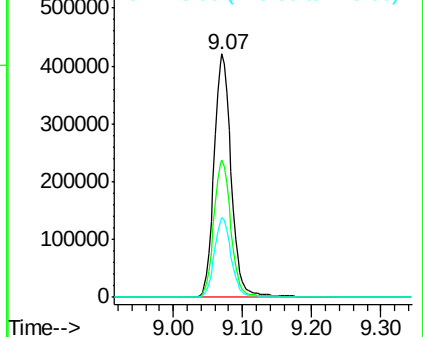
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034138.D
Acq: 31 Aug 2019 22:17

Instrument :
MSVOA_U
ClientSampleId :
OK-02-082919

Tot Ion:117 Resp: 721763
Ion Ratio Lower Upper
117 100
82 56.7 45.1 67.7
119 33.0 25.4 38.0

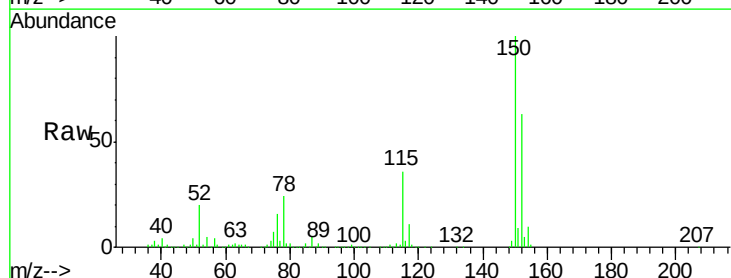


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

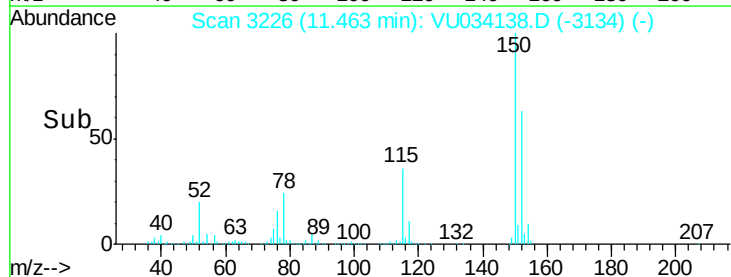
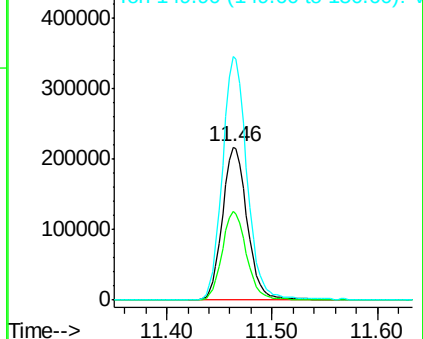


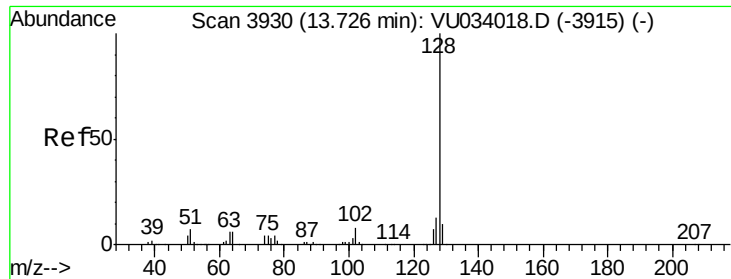
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VU034138.D
Acq: 31 Aug 2019 22:17

Tgt Ion:152 Resp: 354438
Ion Ratio Lower Upper
152 100
115 57.2 41.1 123.3
150 157.8 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





#95

Naphthalene

Concen: 2.999 ug/l

RT: 13.74 min Scan# 3933

Delta R.T. 0.01 min

Lab File: VU034138.D

Acq: 31 Aug 2019 22:17

Instrument :

MSVOA_U

ClientSampleId :

OK-02-082919

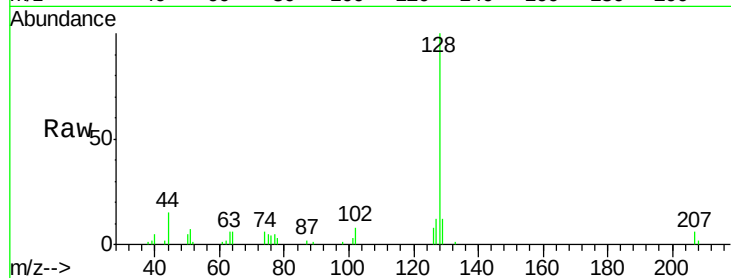
Tot Ion:128 Resp: 27751

Ion Ratio Lower Upper

128 100

127 9.3 10.2 15.4#

129 9.2 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

