

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090719\
 Data File : VU034336.D
 Acq On : 06 Sep 2019 17:20
 Operator : JC/SP
 Sample : K4661-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 HD-01-090519

Quant Time: Sep 06 18:44:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 05:10:13 2019
 Response via : Initial Calibration

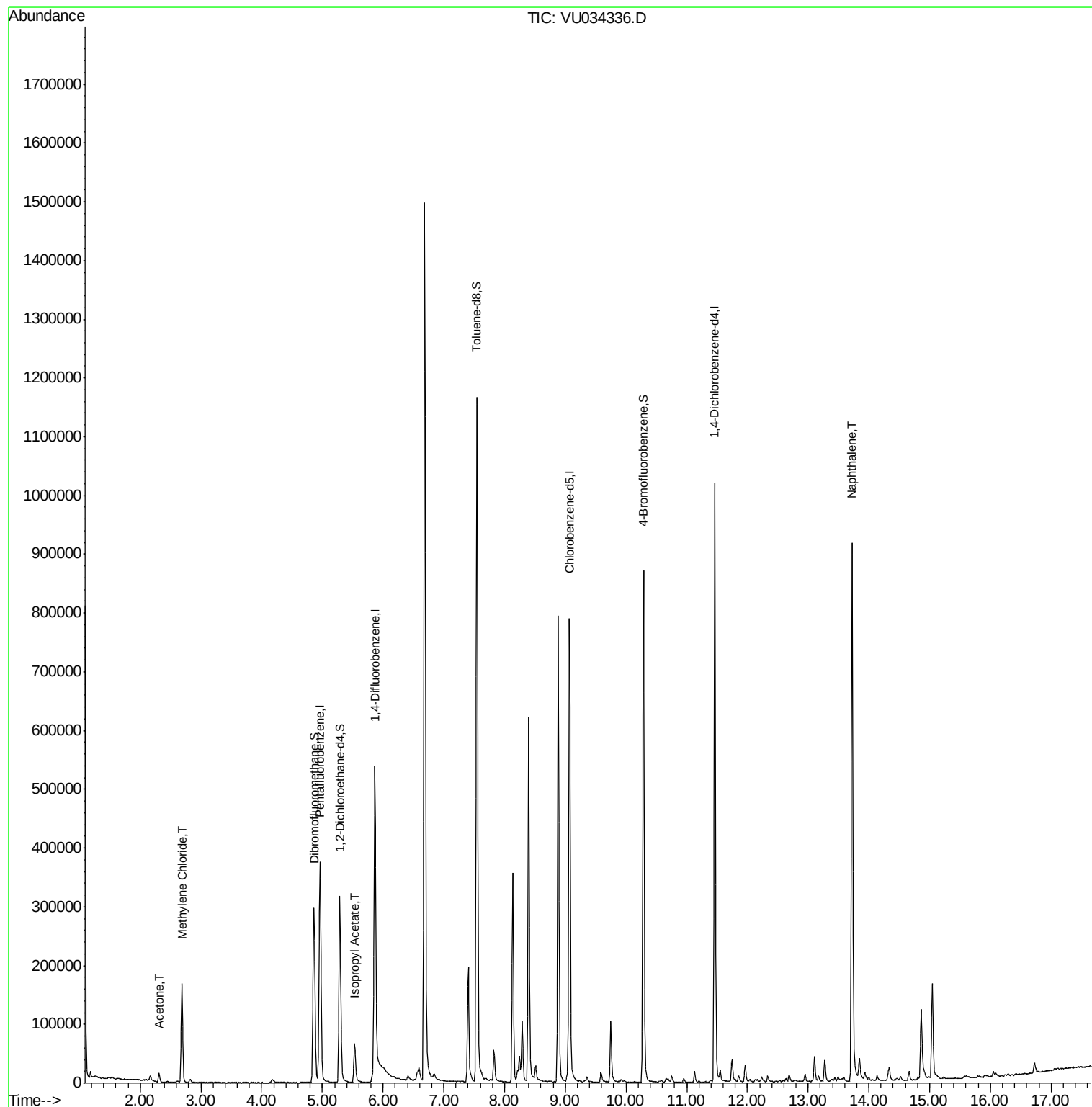
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	311486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	472696	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	468544	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	287312	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	248811	52.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.58%	
35) Dibromofluoromethane	4.86	113	214544	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.56%	
50) Toluene-d8	7.55	98	831231	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
62) 4-Bromofluorobenzene	10.29	95	296289	46.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.88%	
Target Compounds						
16) Acetone	2.31	43	15191	6.229	ug/l	98
20) Methylene Chloride	2.69	84	77244	19.089	ug/l	99
43) Isopropyl Acetate	5.53	43	77493	8.196	ug/l	99
95) Naphthalene	13.72	128	804844	42.663	ug/l	99

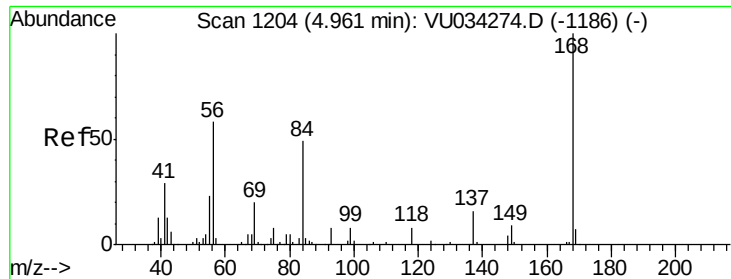
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034336.D

Acq: 06 Sep 2019 17:20

Instrument :

MSVOA_U

ClientSampleId :

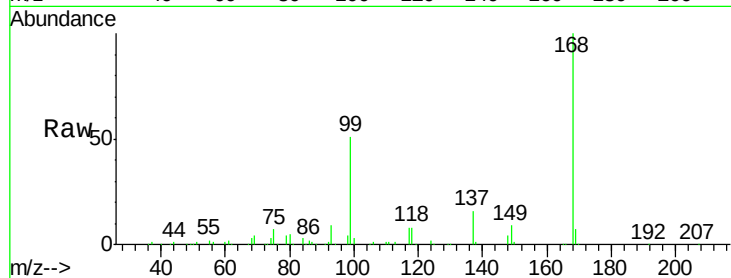
HD-01-090519

Tot Ion:168 Resp: 311486

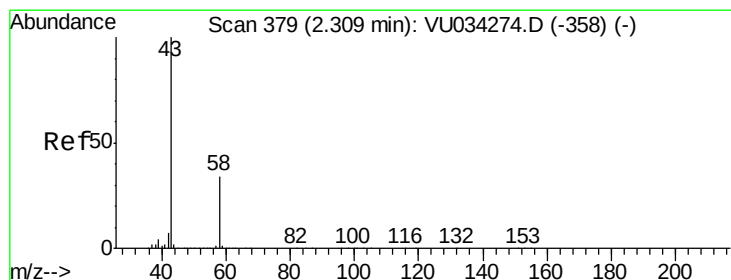
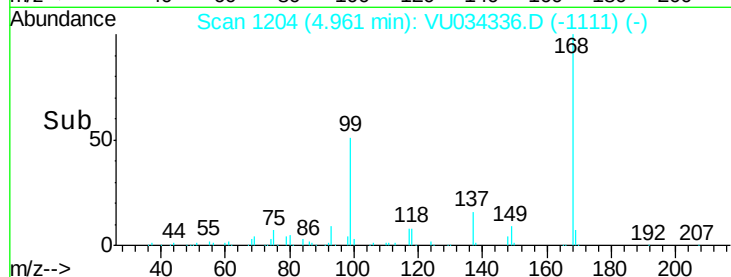
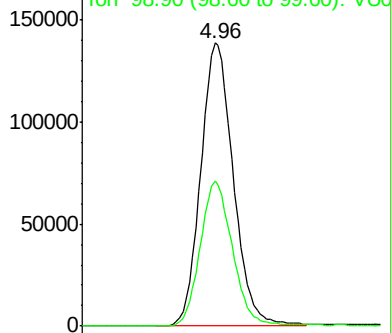
Ion Ratio Lower Upper

168 100

99 51.3 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034336.D (-1111) (-)



#16

Acetone

Concen: 6.229 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034336.D

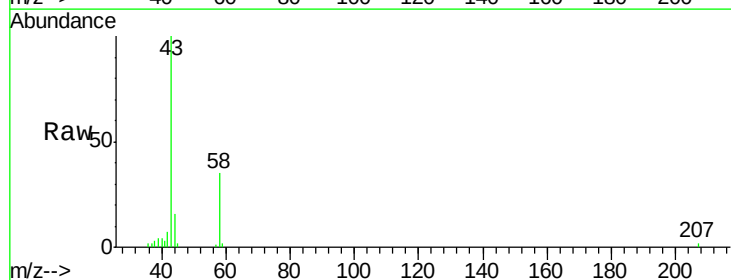
Acq: 06 Sep 2019 17:20

Tgt Ion: 43 Resp: 15191

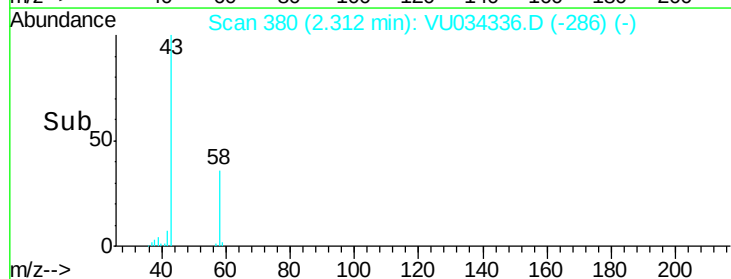
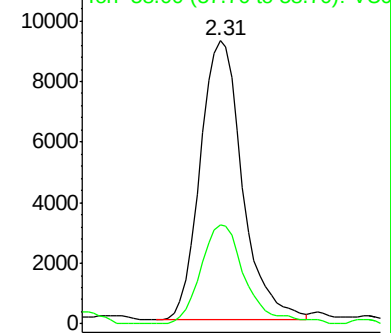
Ion Ratio Lower Upper

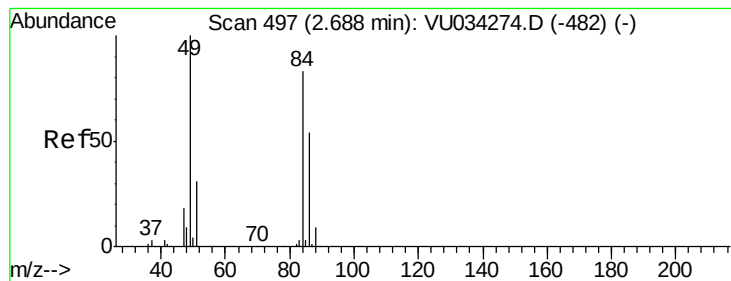
43 100

58 35.4 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034336.D (-286) (-)





#20

Methylene Chloride

Concen: 19.089 ug/l

RT: 2.69 min Scan# 497

Delta R.T. 0.00 min

Lab File: VU034336.D

Acq: 06 Sep 2019 17:20

Instrument :

MSVOA_U

ClientSampleId :

HD-01-090519

Tot Ion: 84 Resp: 77244

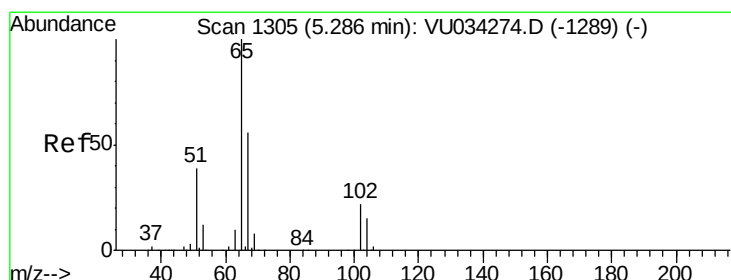
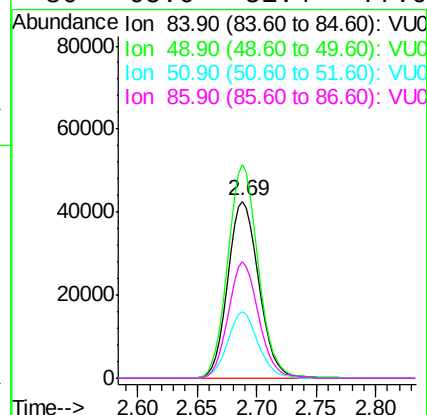
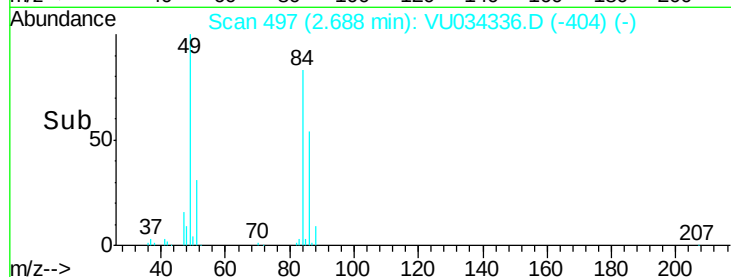
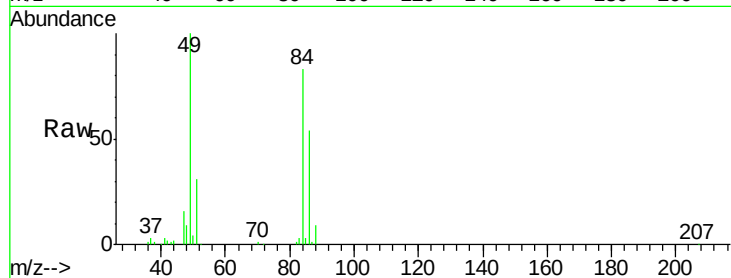
Ion	Ratio	Lower	Upper
84	100		
49	120.7	96.0	144.0
51	37.5	30.0	45.0
86	65.6	51.4	77.0

84 100

49 120.7 96.0 144.0

51 37.5 30.0 45.0

86 65.6 51.4 77.0



#33

1,2-Dichloroethane-d4

Concen: 52.794 ug/l

RT: 5.29 min Scan# 1305

Delta R.T. -0.00 min

Lab File: VU034336.D

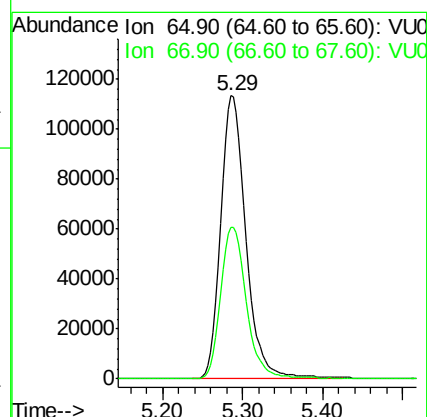
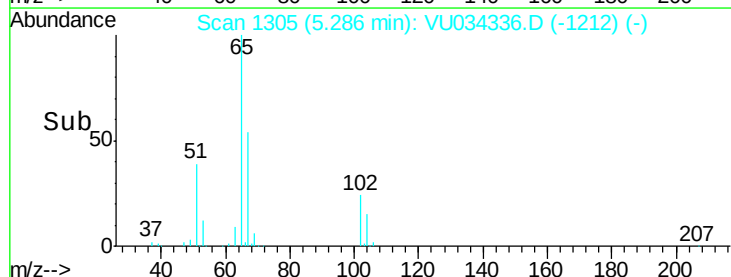
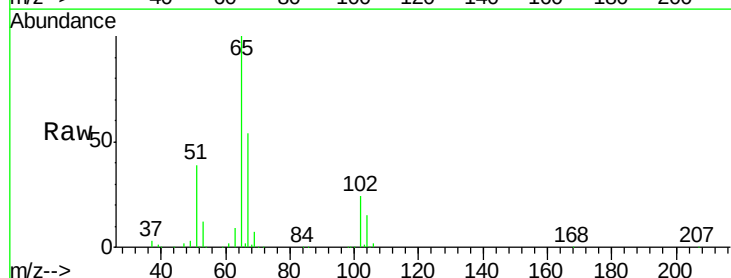
Acq: 06 Sep 2019 17:20

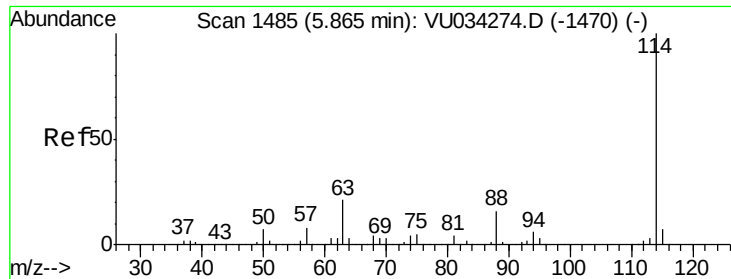
Tgt Ion: 65 Resp: 248811

Ion	Ratio	Lower	Upper
65	100		
67	54.8	0.0	112.4

65 100

67 54.8 0.0 112.4

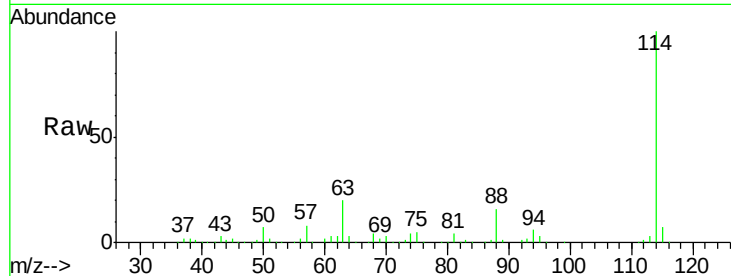




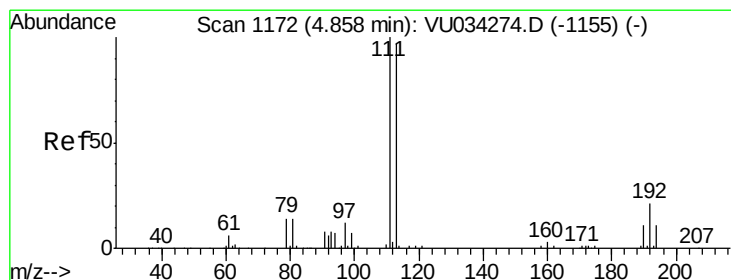
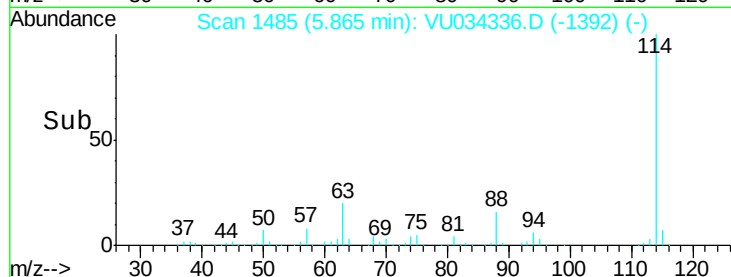
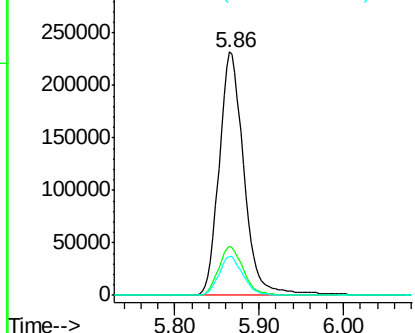
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VU034336.D
 Acq: 06 Sep 2019 17:20

Instrument :
 MSVOA_U
 ClientSampleId :
 HD-01-090519

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	42.4
88	16.2	0.0	32.4

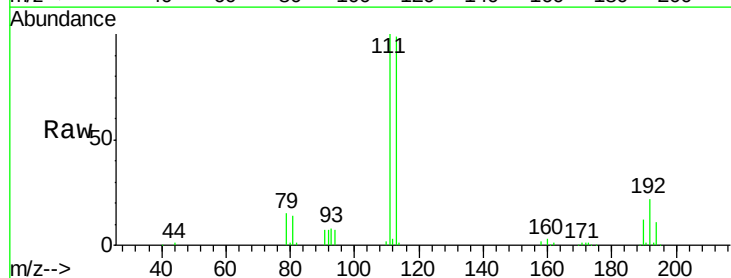


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU
 Ion 87.90 (87.60 to 88.60): VU

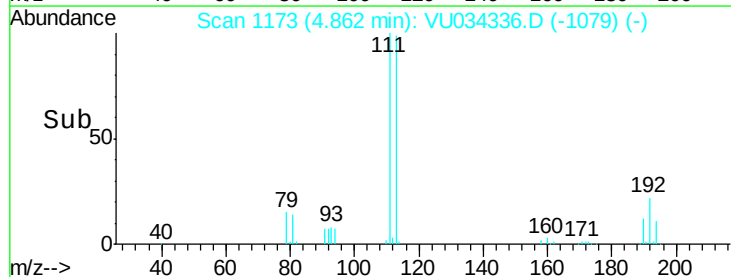
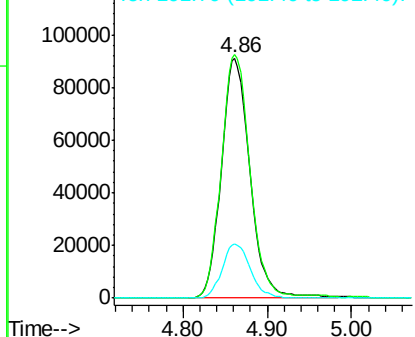


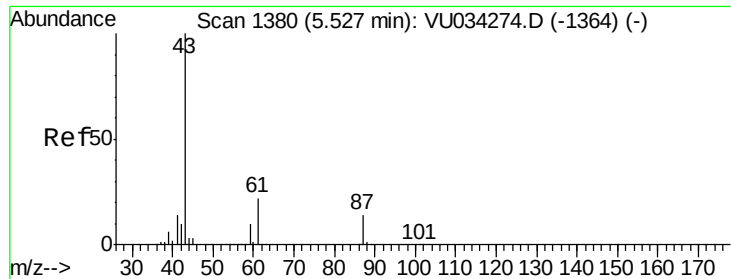
#35
 Dibromofluoromethane
 Concen: 48.777 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034336.D
 Acq: 06 Sep 2019 17:20

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.5	122.3
192	22.4	17.8	26.8



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: 8.196 ug/l

RT: 5.53 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VU034336.D

Acq: 06 Sep 2019 17:20

Instrument :

MSVOA_U

ClientSampleId :

HD-01-090519

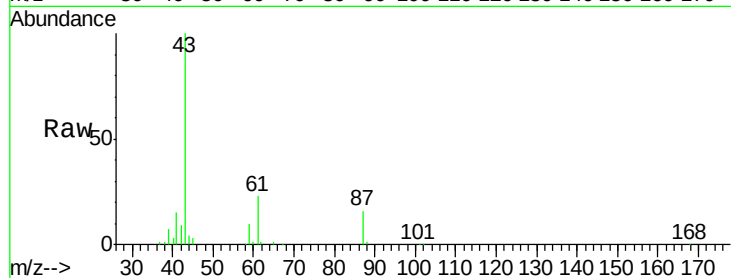
Tot Ion: 43 Resp: 77493

Ion Ratio Lower Upper

43 100

61 21.7 17.1 25.7

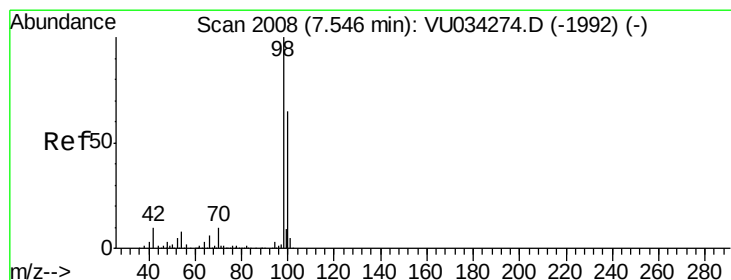
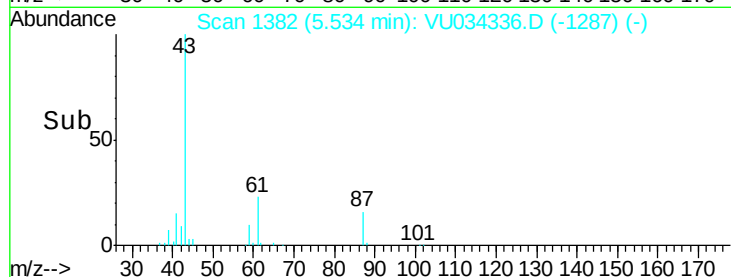
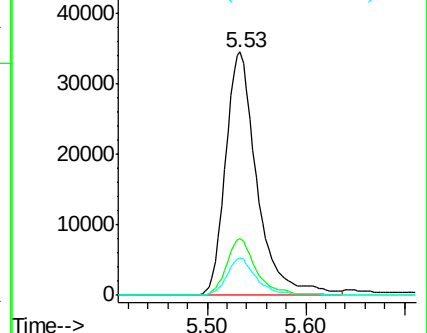
87 14.4 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VU034336.D (-1287) (-)

Ion 61.00 (60.70 to 61.70): VU034336.D (-1287) (-)

Ion 87.00 (86.70 to 87.70): VU034336.D (-1287) (-)



#50

Toluene-d8

Concen: 50.301 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU034336.D

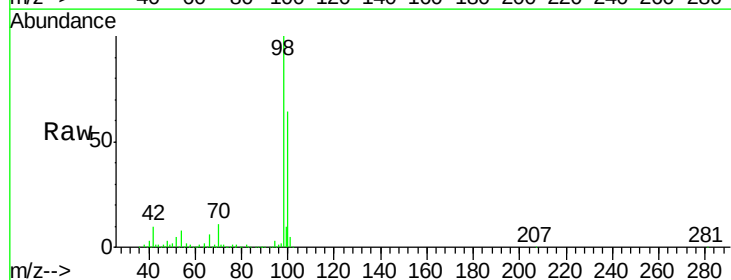
Acq: 06 Sep 2019 17:20

Tgt Ion: 98 Resp: 831231

Ion Ratio Lower Upper

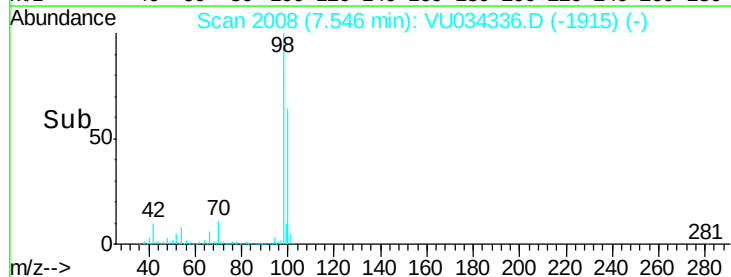
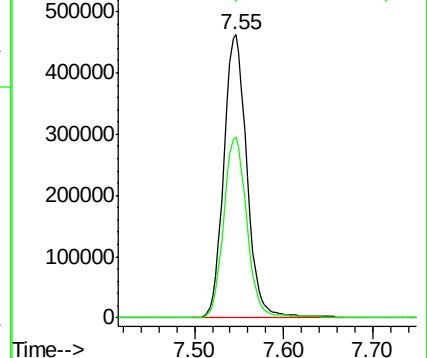
98 100

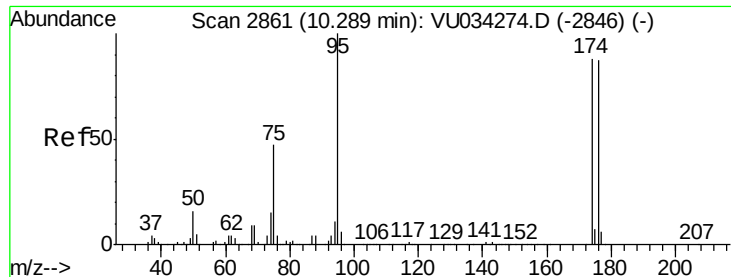
100 63.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VU034336.D (-1915) (-)

Ion 100.00 (99.70 to 100.70): VU034336.D (-1915) (-)





#62

4-Bromofluorobenzene

Concen: 46.439 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034336.D

Acq: 06 Sep 2019 17:20

Instrument :

MSVOA_U

ClientSampleId :

HD-01-090519

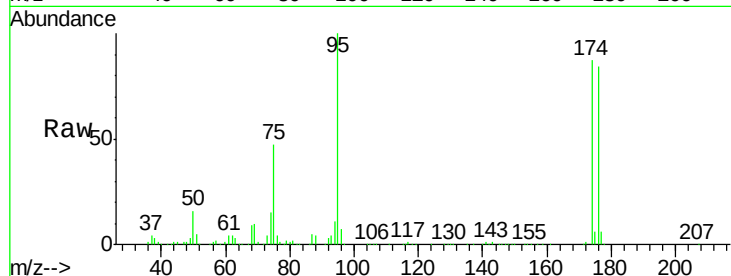
Tot Ion: 95 Resp: 296289

Ion Ratio Lower Upper

95 100

174 89.1 0.0 175.2

176 85.3 0.0 168.0



Abundance Ion 94.90 (94.60 to 95.60): VU034274.D (-2846) (-)

Ion 173.80 (173.50 to 174.50): VU034274.D (-2846) (-)

Ion 175.80 (175.50 to 176.50): VU034274.D (-2846) (-)

Time-->

10.29

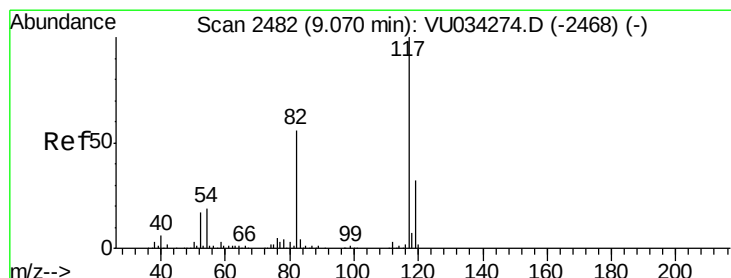
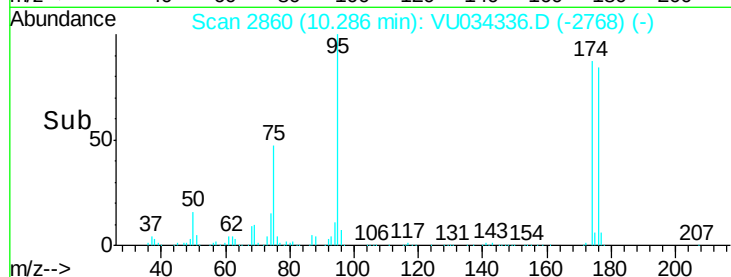
150000

100000

50000

0

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: VU034336.D

Acq: 06 Sep 2019 17:20

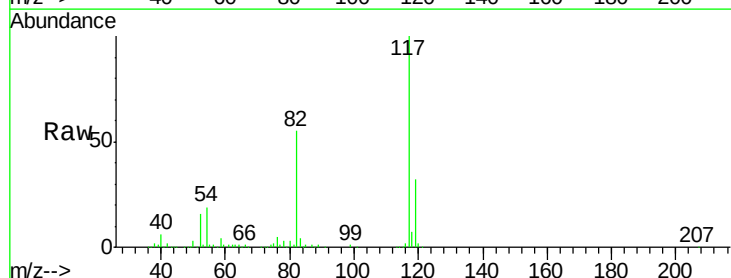
Tgt Ion: 117 Resp: 468544

Ion Ratio Lower Upper

117 100

82 54.7 44.6 67.0

119 31.9 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): VU034274.D (-2468) (-)

Ion 82.00 (81.70 to 82.70): VU034274.D (-2468) (-)

Ion 118.90 (118.60 to 119.60): VU034274.D (-2468) (-)

Time-->

9.07

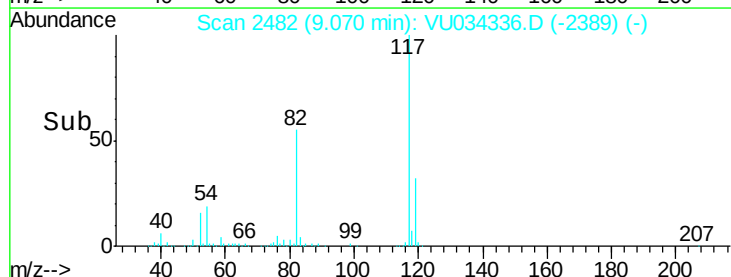
300000

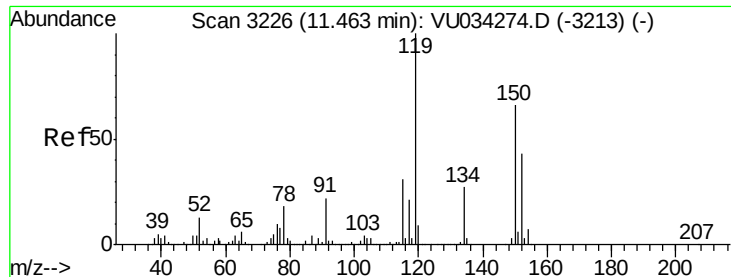
200000

100000

0

9.00 9.10 9.20





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VU034336.D

Acq: 06 Sep 2019 17:20

Instrument :

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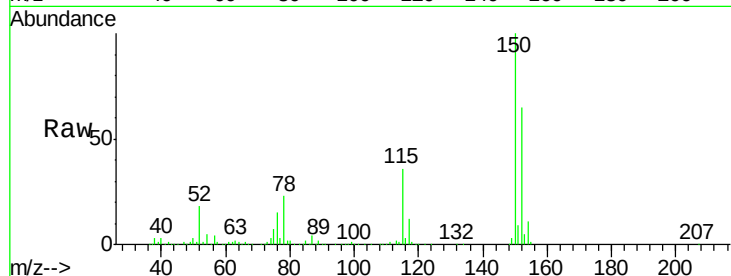
Tot Ion:152 Resp: 287312

Ion Ratio Lower Upper

152 100

115 55.8 39.1 117.3

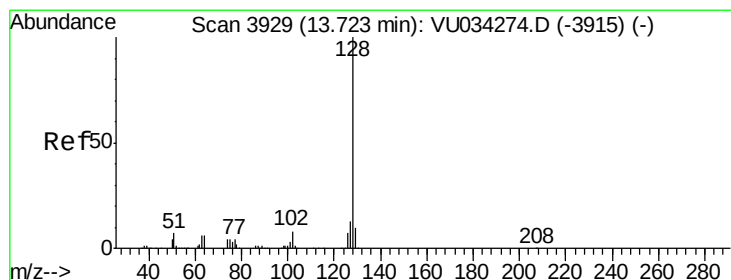
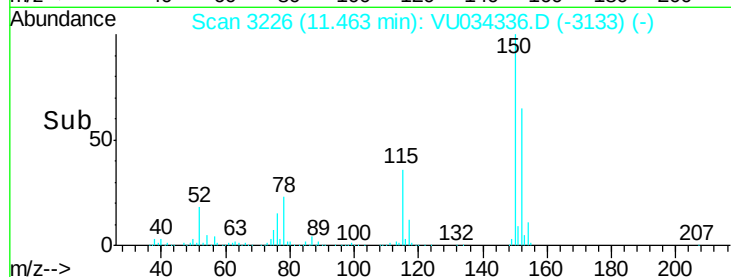
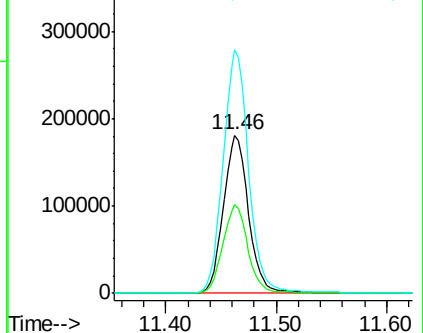
150 156.3 0.0 345.4



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: 42.663 ug/l

RT: 13.72 min Scan# 3929

Delta R.T. -0.00 min

Lab File: VU034336.D

Acq: 06 Sep 2019 17:20

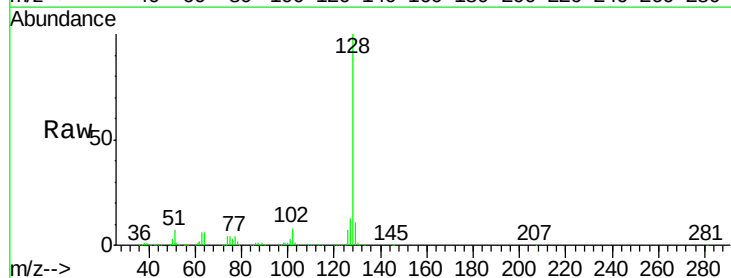
Tgt Ion:128 Resp: 804844

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

129 10.8 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

