

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090719\
 Data File : VU034339.D
 Acq On : 06 Sep 2019 18:30
 Operator : JC/SP
 Sample : K4581-20
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T12-B4-(3.5)

Quant Time: Sep 07 04:21:57 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

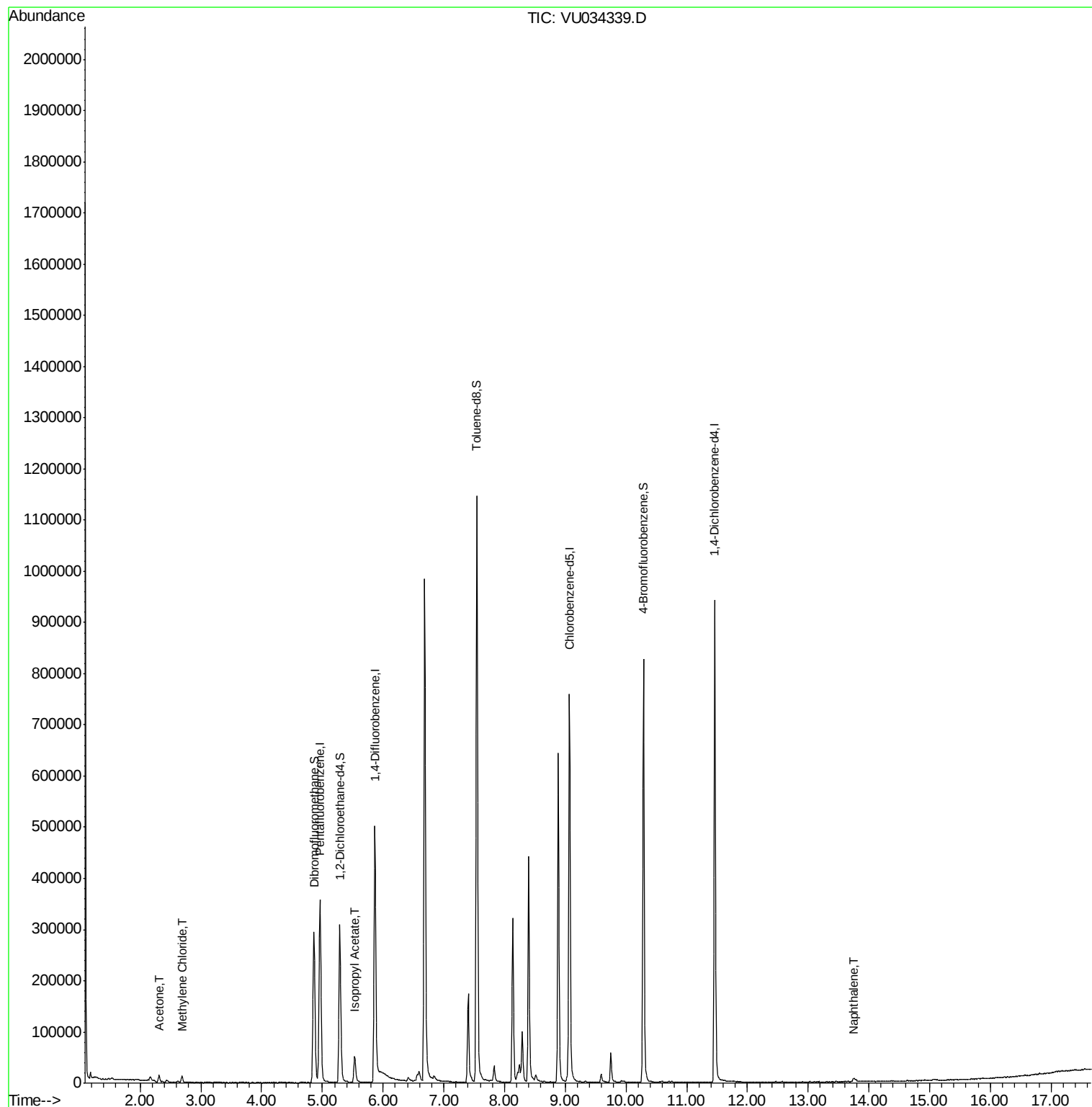
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	300607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	455371	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	452394	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	268310	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	240289	52.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.66%	
35) Dibromofluoromethane	4.86	113	212275	50.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.20%	
50) Toluene-d8	7.55	98	807240	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.42%	
62) 4-Bromofluorobenzene	10.29	95	288590	46.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.90%	
Target Compounds						
16) Acetone	2.31	43	15406	6.545	ug/l	96
20) Methylene Chloride	2.69	84	6065	1.183	ug/l	95
43) Isopropyl Acetate	5.53	43	62717	6.885	ug/l	99
95) Naphthalene	13.75	128	12967	4.634	ug/l #	72

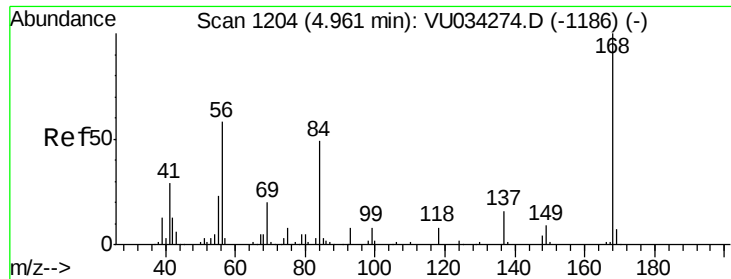
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034339.D

Acq: 06 Sep 2019 18:30

Instrument :

MSVOA_U

ClientSampleId :

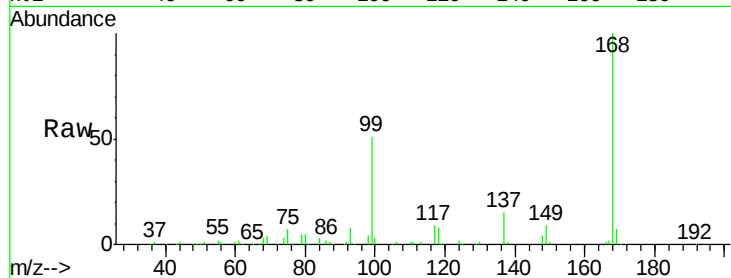
T12-B4-(3.5)

Tot Ion:168 Resp: 300607

Ion Ratio Lower Upper

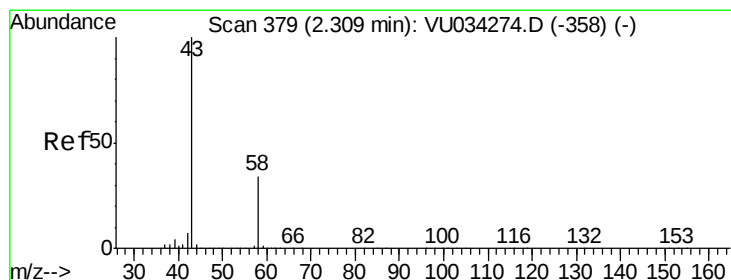
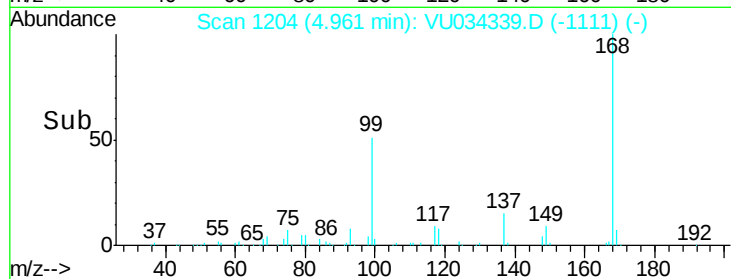
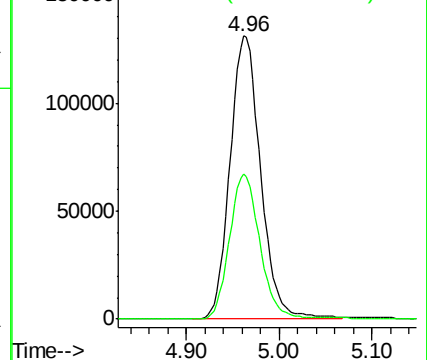
168 100

99 51.3 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034339.D (-1111) (-)

Ion 98.90 (98.60 to 99.60): VU034339.D (-1111) (-)



#16

Acetone

Concen: 6.545 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034339.D

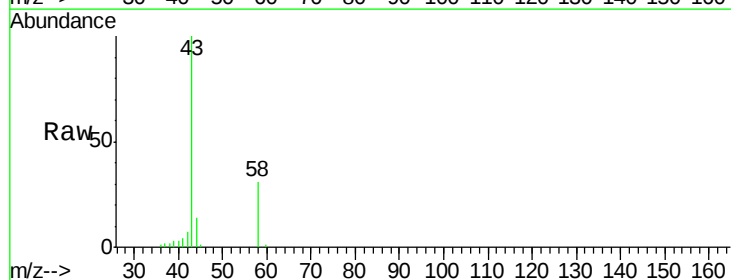
Acq: 06 Sep 2019 18:30

Tgt Ion: 43 Resp: 15406

Ion Ratio Lower Upper

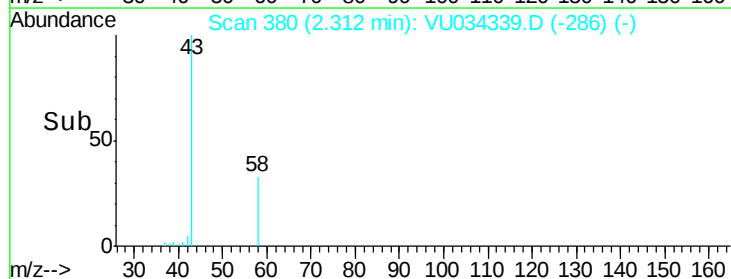
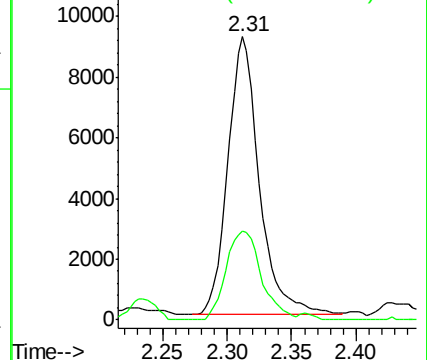
43 100

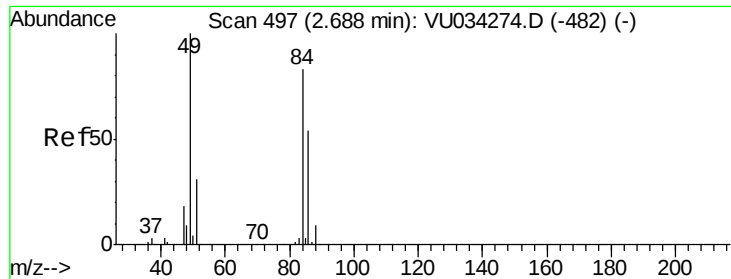
58 31.9 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034339.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034339.D (-286) (-)

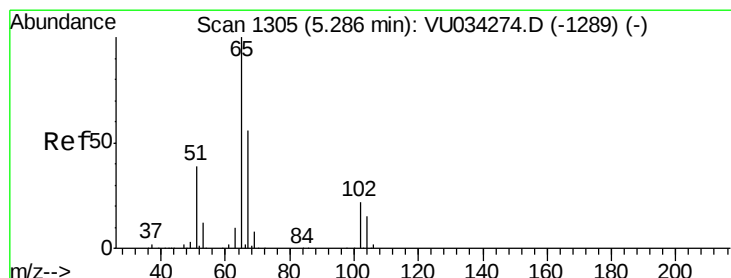
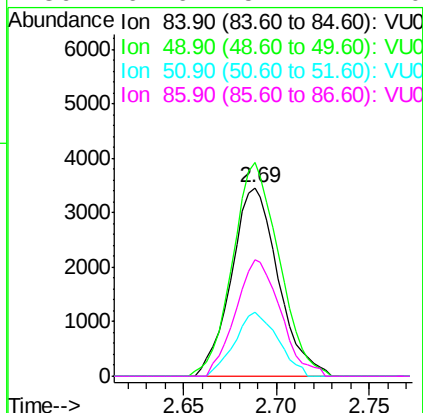
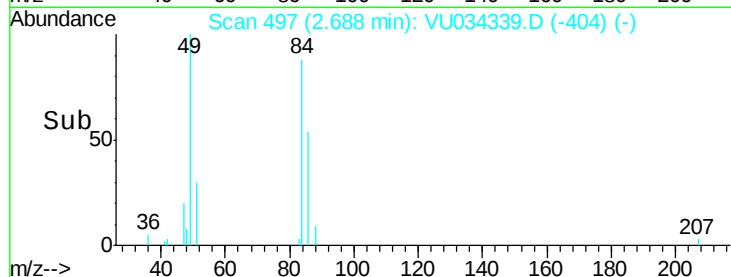
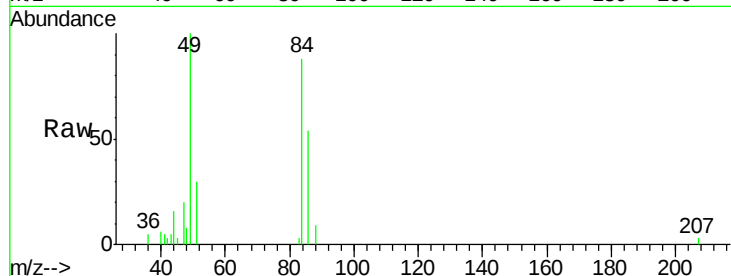




#20
Methvlene Chloride
Concen: 1.183 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU034339.D
Acq: 06 Sep 2019 18:30

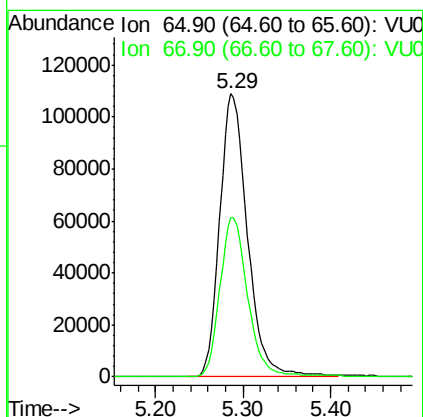
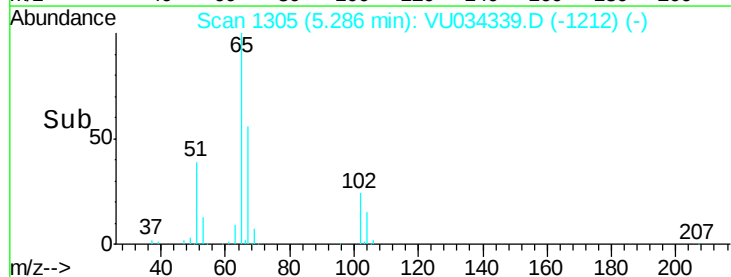
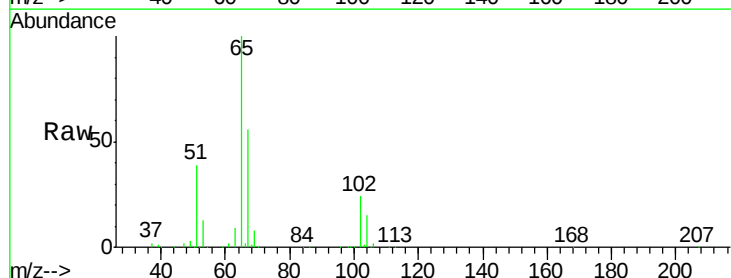
Instrument :
MSVOA_U
ClientSampleId :
T12-B4-(3.5)

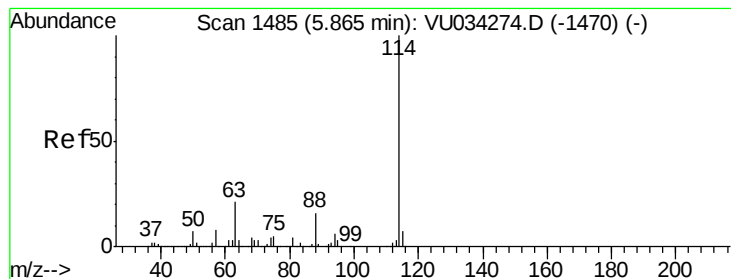
Tot Ion: 84 Resp: 6065
Ion Ratio Lower Upper
84 100
49 113.4 96.0 144.0
51 33.9 30.0 45.0
86 61.6 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 52.831 ug/l
RT: 5.29 min Scan# 1305
Delta R.T. 0.00 min
Lab File: VU034339.D
Acq: 06 Sep 2019 18:30

Tgt Ion: 65 Resp: 240289
Ion Ratio Lower Upper
65 100
67 56.8 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: VU034339.D

Acq: 06 Sep 2019 18:30

Instrument :

MSVOA_U

ClientSampleId :

T12-B4-(3.5)

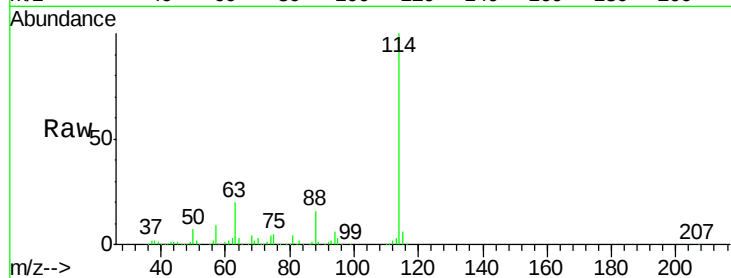
Tot Ion:114 Resp: 455371

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.4

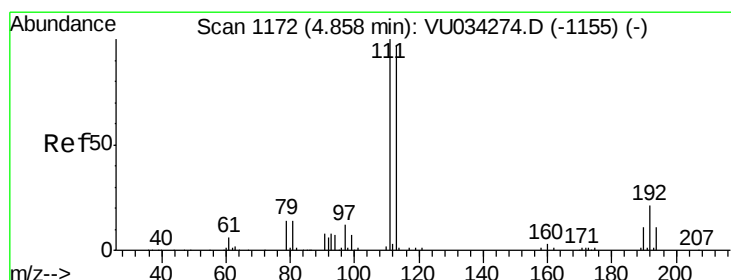
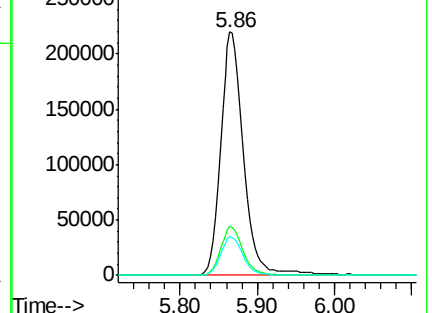
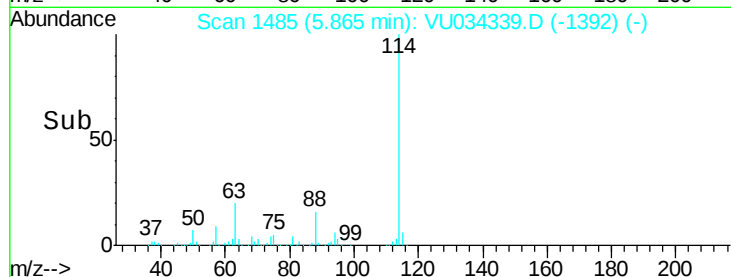
88 15.7 0.0 32.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35

Dibromofluoromethane

Concen: 50.097 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034339.D

Acq: 06 Sep 2019 18:30

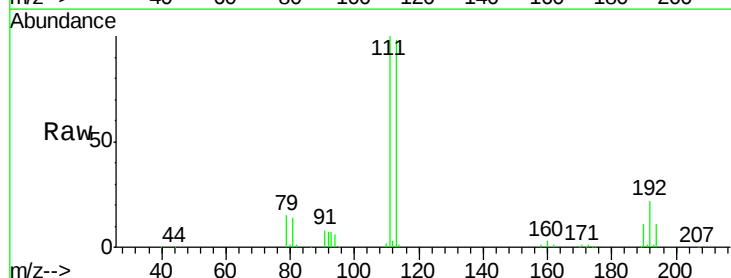
Tgt Ion:113 Resp: 212275

Ion Ratio Lower Upper

113 100

111 102.1 81.5 122.3

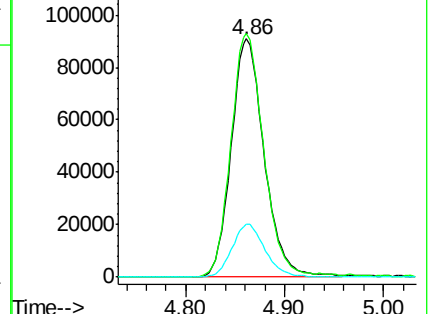
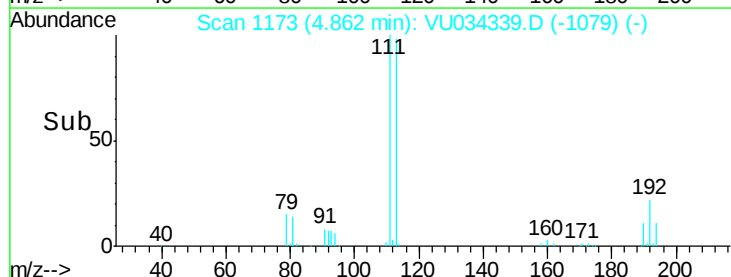
192 22.3 17.8 26.8

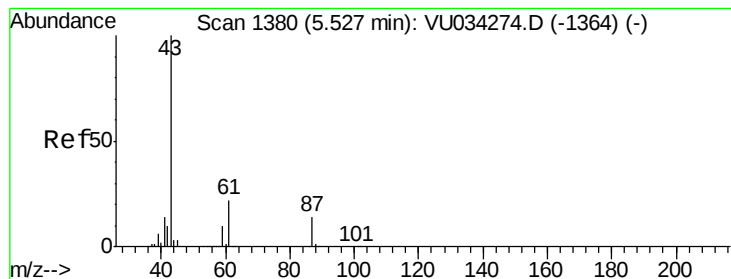


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 6.885 ug/l

RT: 5.53 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VU034339.D

Acq: 06 Sep 2019 18:30

Instrument :

MSVOA_U

ClientSampleId :

T12-B4-(3.5)

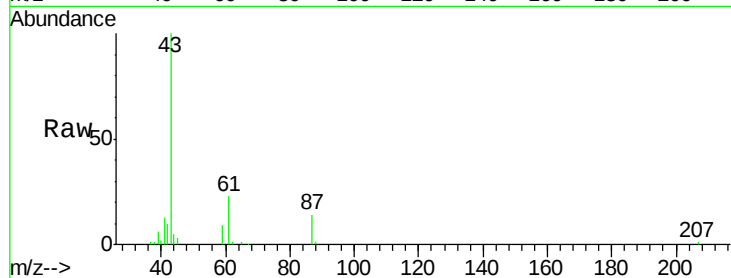
Tot Ion: 43 Resp: 62717

Ion Ratio Lower Upper

43 100

61 20.8 17.1 25.7

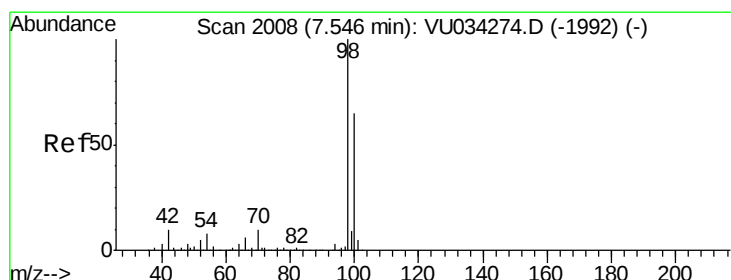
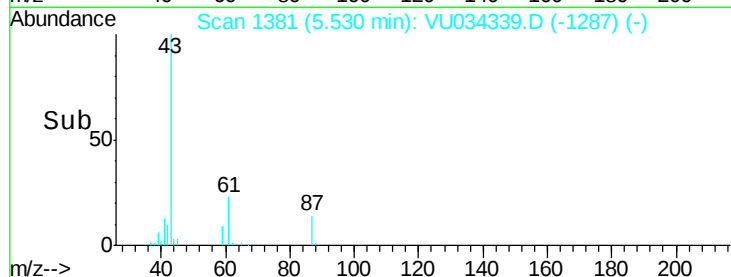
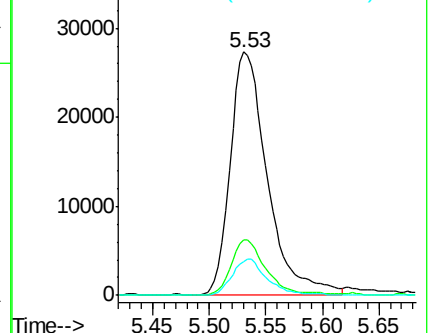
87 13.7 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VU034339.D (-1287) (-)

Ion 61.00 (60.70 to 61.70): VU034339.D (-1287) (-)

Ion 87.00 (86.70 to 87.70): VU034339.D (-1287) (-)



#50

Toluene-d8

Concen: 50.708 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034339.D

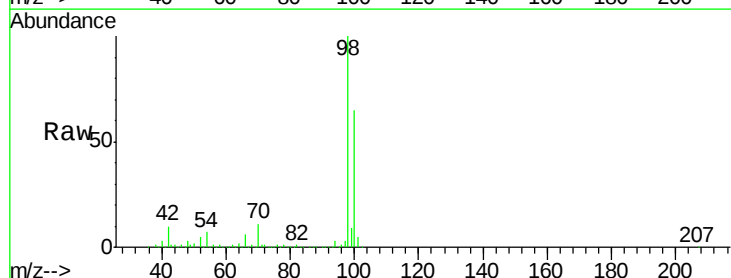
Acq: 06 Sep 2019 18:30

Tgt Ion: 98 Resp: 807240

Ion Ratio Lower Upper

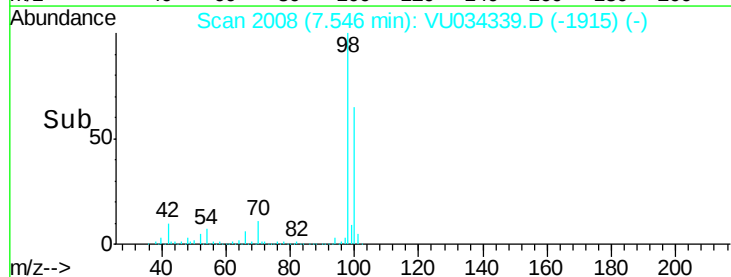
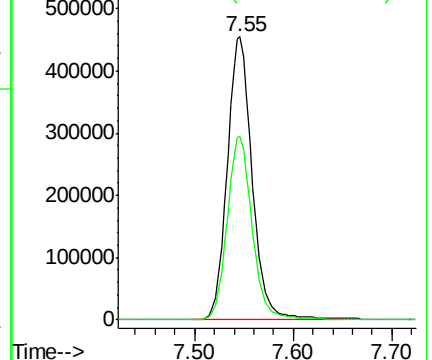
98 100

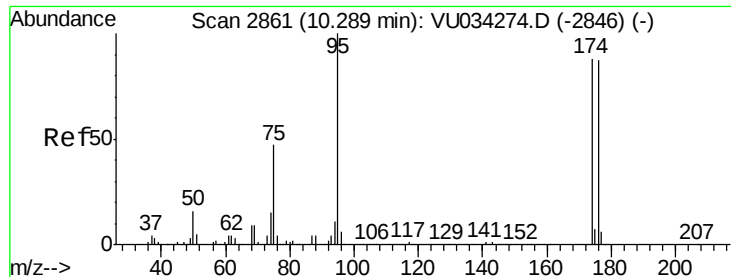
100 65.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VU034339.D (-1915) (-)

Ion 100.00 (99.70 to 100.70): VU034339.D (-1915) (-)

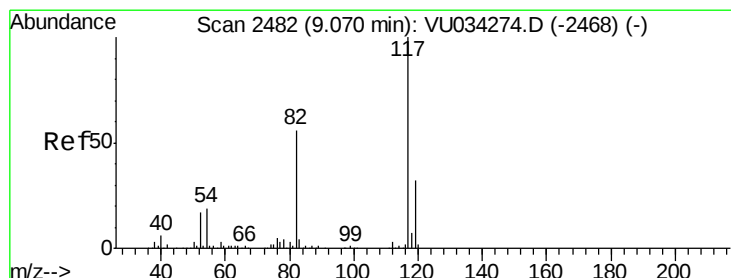
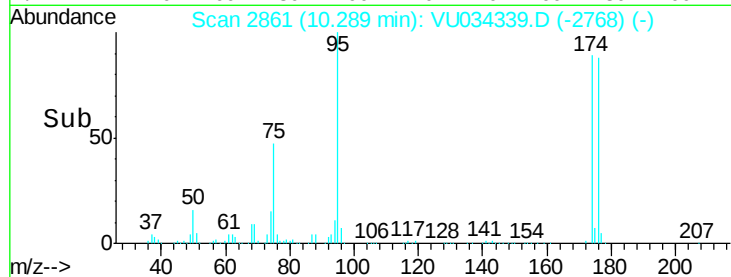
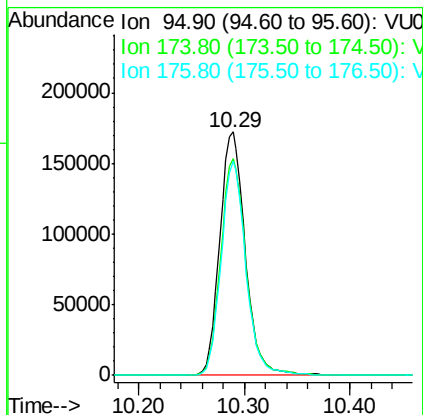
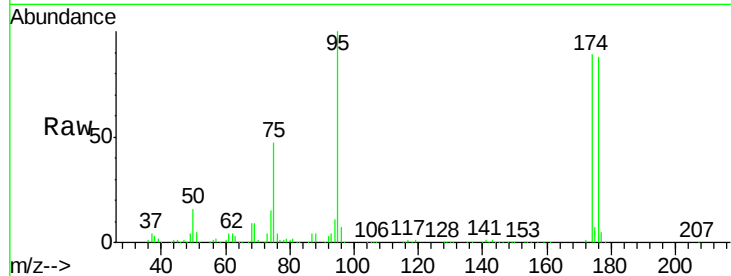




#62
4-Bromofluorobenzene
Concen: 46.953 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU034339.D
Acq: 06 Sep 2019 18:30

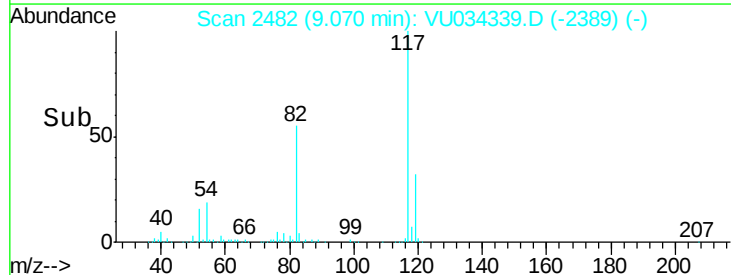
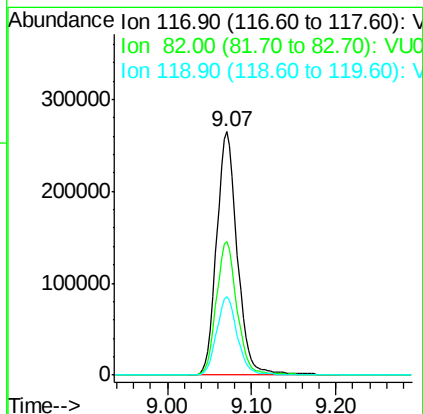
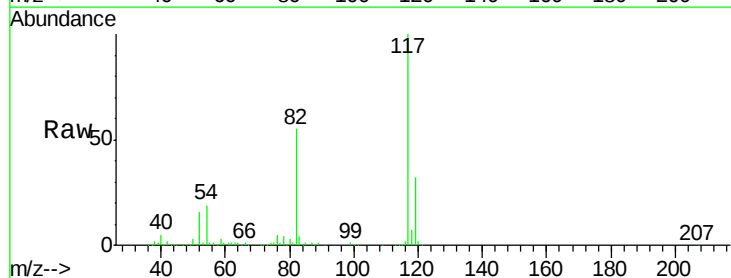
Instrument :
MSVOA_U
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T12-B4-(3.5)

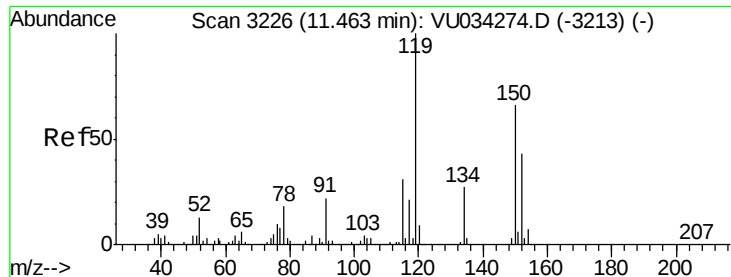
Tot Ion: 95 Resp: 288590
Ion Ratio Lower Upper
95 100
174 88.7 0.0 175.2
176 85.3 0.0 168.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034339.D
Acq: 06 Sep 2019 18:30

Tgt Ion: 117 Resp: 452394
Ion Ratio Lower Upper
117 100
82 55.0 44.6 67.0
119 32.3 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. 0.00 min

Lab File: VU034339.D

Acq: 06 Sep 2019 18:30

Instrument :

MSVOA_U

ClientSampleId :

T12-B4-(3.5)

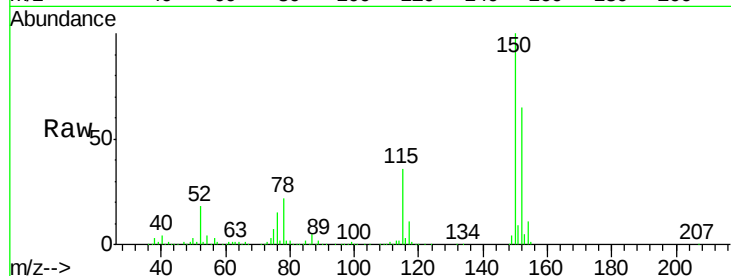
Tot Ion:152 Resp: 268310

Ion Ratio Lower Upper

152 100

115 56.0 39.1 117.3

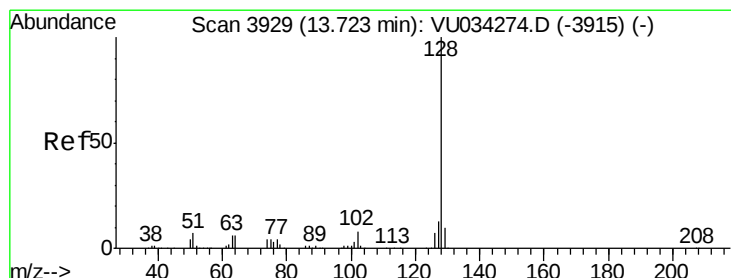
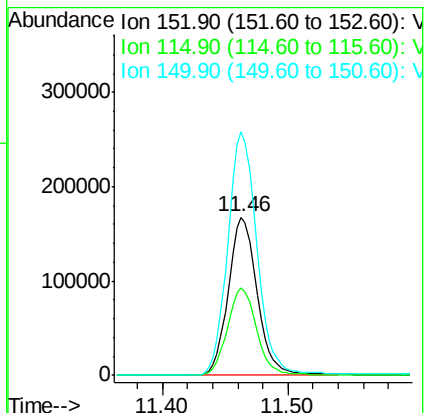
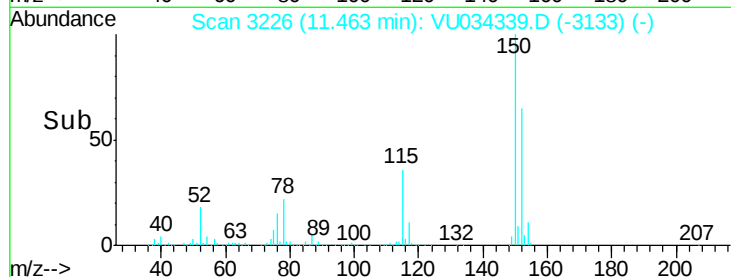
150 156.6 0.0 345.4



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: 4.634 ug/l

RT: 13.75 min Scan# 3938

Delta R.T. 0.03 min

Lab File: VU034339.D

Acq: 06 Sep 2019 18:30

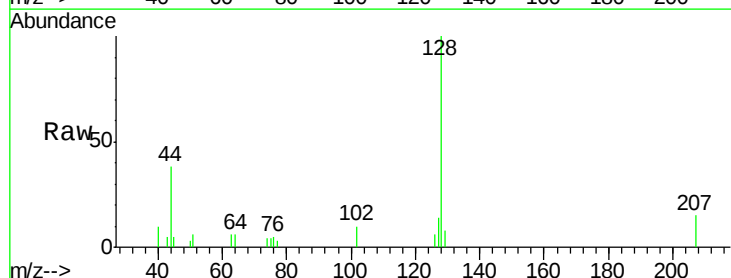
Tgt Ion:128 Resp: 12967

Ion Ratio Lower Upper

128 100

127 2.0 10.6 15.8#

129 0.0 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

