

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090919\
 Data File : VU034423.D
 Acq On : 09 Sep 2019 11:17
 Operator : JC/SP
 Sample : K4601-40
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T12-G1-(0)

Quant Time: Sep 10 06:15:32 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

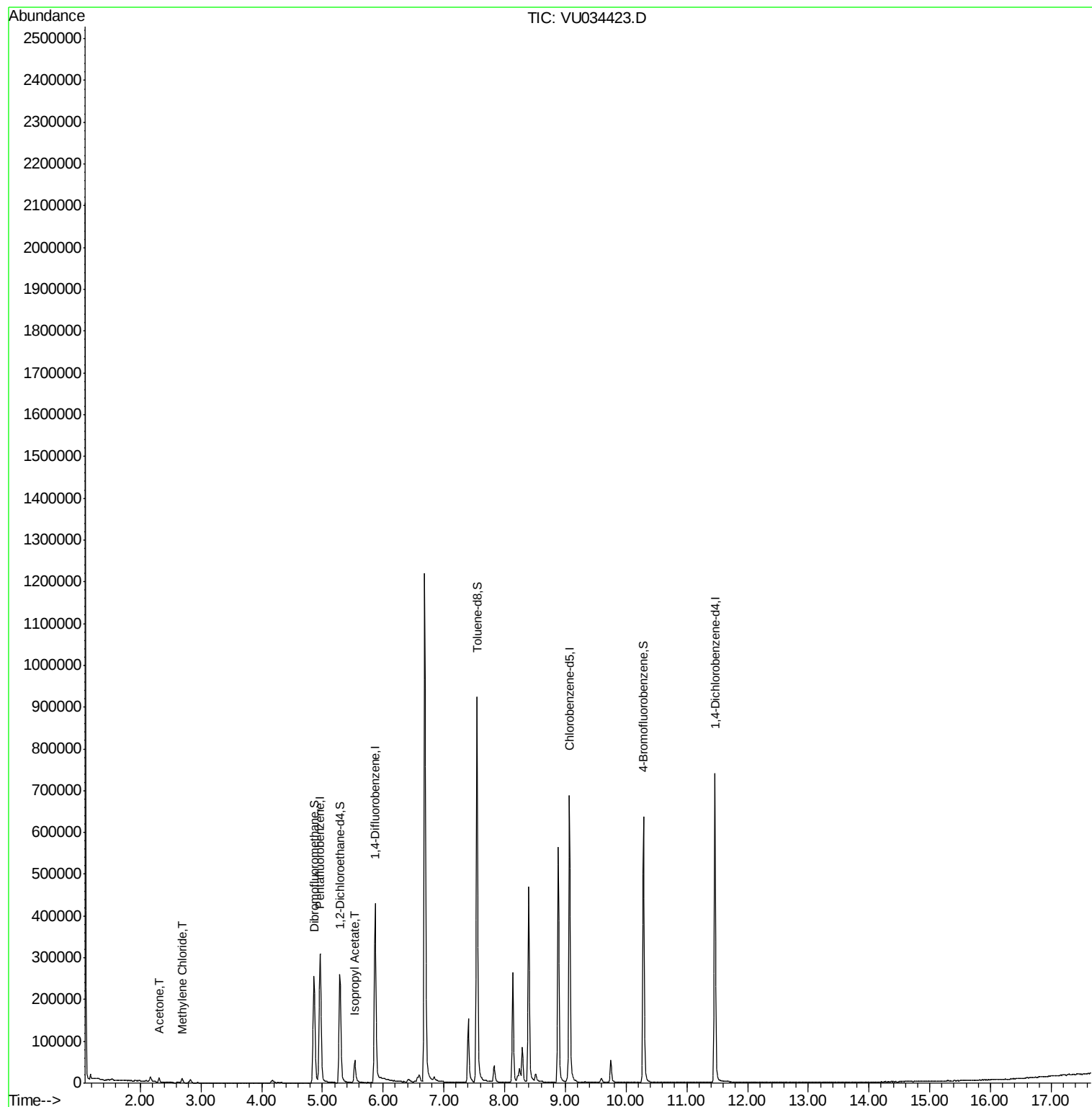
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	257096	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	386396	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	414429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	220763	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	205738	52.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.78%	
35) Dibromofluoromethane	4.86	113	184635	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.70%	
50) Toluene-d8	7.55	98	648550	48.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.02%	
62) 4-Bromofluorobenzene	10.29	95	213143	40.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.74%	
Target Compounds						
16) Acetone	2.31	43	11859	5.891	ug/l	98
20) Methylene Chloride	2.69	84	4586	0.999	ug/l	96
43) Isopropyl Acetate	5.53	43	63841	8.260	ug/l	98

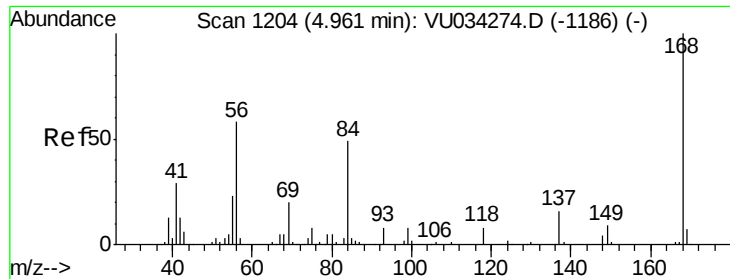
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 06 05:10:13 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.00 min

Lab File: VU034423.D

Acq: 09 Sep 2019 11:17

Instrument :

MSVOA_U

ClientSampleId :

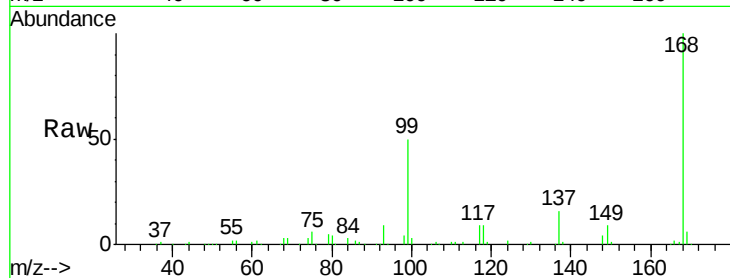
T12-G1-(0)

Tot Ion:168 Resp: 257096

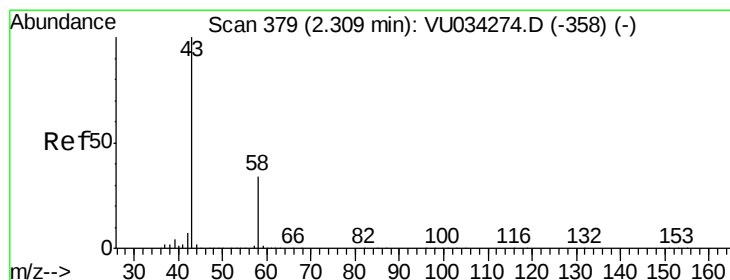
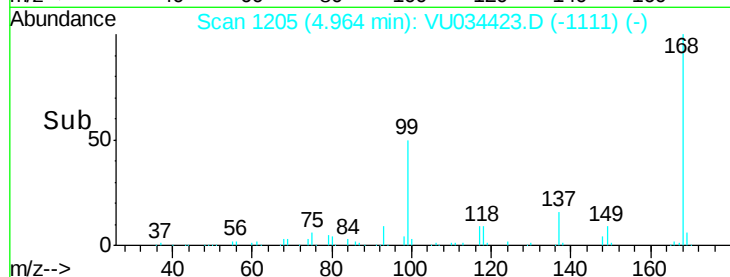
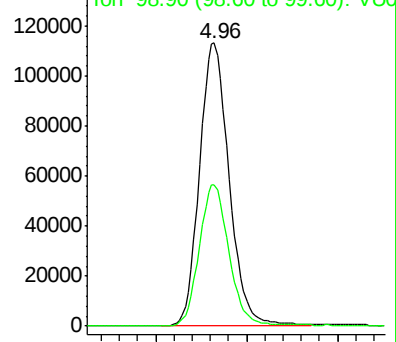
Ion Ratio Lower Upper

168 100

99 50.0 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034423.D (-1111) (-)



#16

Acetone

Concen: 5.891 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034423.D

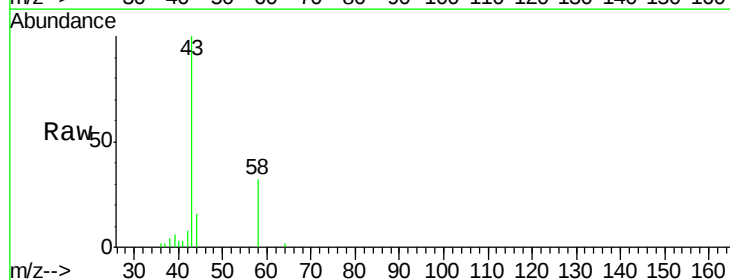
Acq: 09 Sep 2019 11:17

Tgt Ion: 43 Resp: 11859

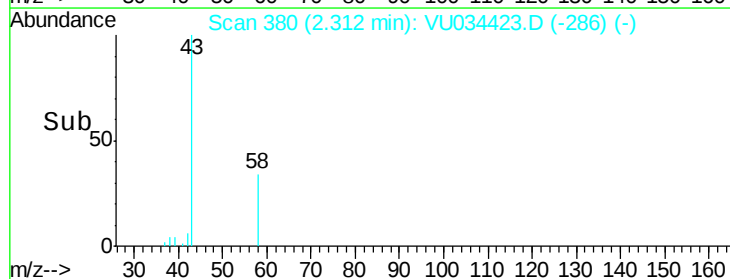
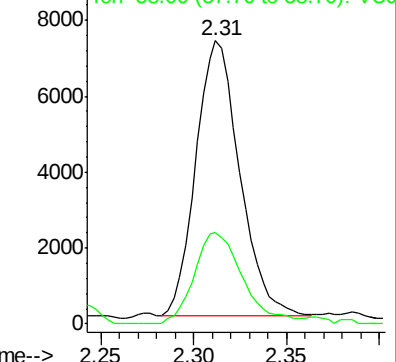
Ion Ratio Lower Upper

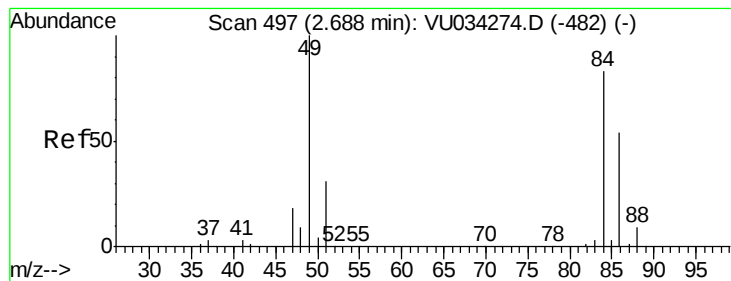
43 100

58 33.3 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034423.D (-286) (-)





#20

Methylene Chloride

Concen: 0.999 ug/l

RT: 2.69 min Scan# 497

Delta R.T. 0.00 min

Lab File: VU034423.D

Acq: 09 Sep 2019 11:17

Instrument :

MSVOA_U

ClientSampleId :

T12-G1-(0)

Tot Ion: 84 Resp: 4586

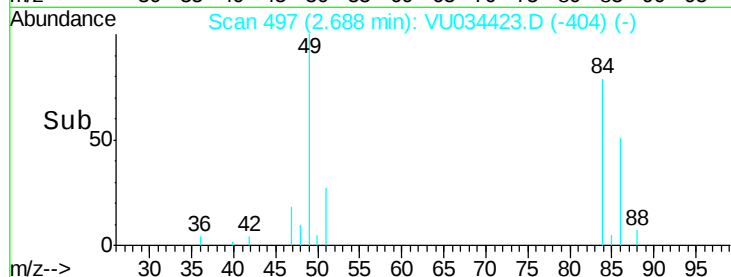
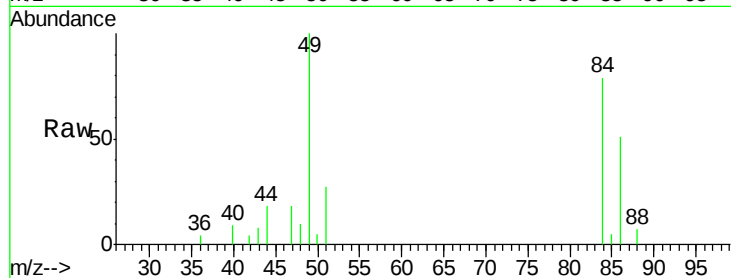
Ion Ratio Lower Upper

84 100

49 126.3 96.0 144.0

51 34.2 30.0 45.0

86 64.5 51.4 77.0

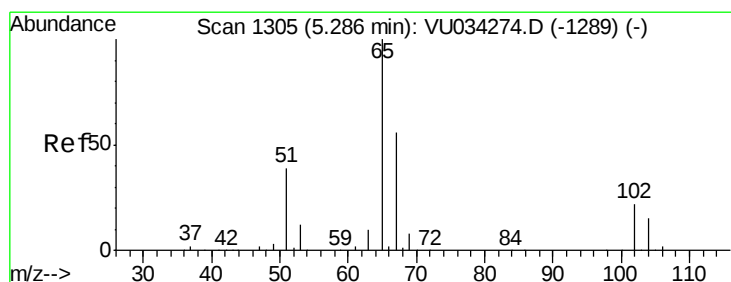
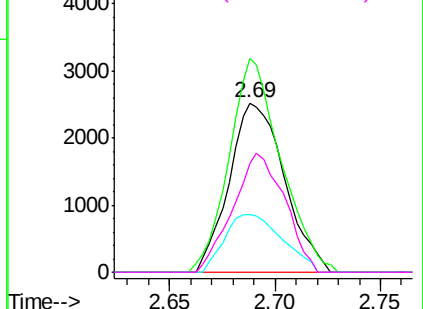


Abundance Ion 83.90 (83.60 to 84.60): VU034423.D (-404) (-)

Ion 48.90 (48.60 to 49.60): VU034423.D (-404) (-)

Ion 50.90 (50.60 to 51.60): VU034423.D (-404) (-)

Ion 85.90 (85.60 to 86.60): VU034423.D (-404) (-)



#33

1,2-Dichloroethane-d4

Concen: 52.890 ug/l

RT: 5.29 min Scan# 1305

Delta R.T. -0.00 min

Lab File: VU034423.D

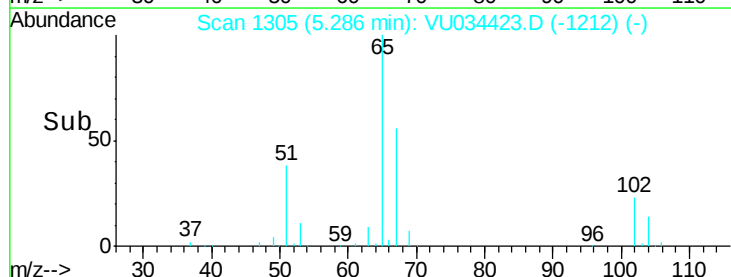
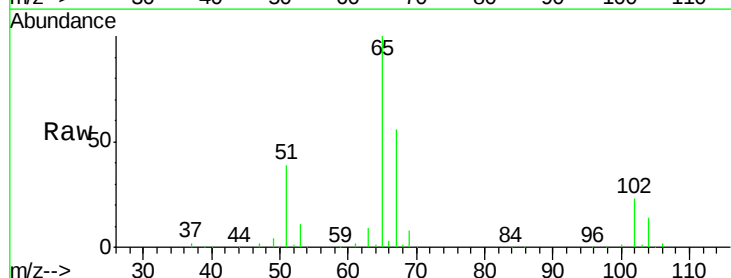
Acq: 09 Sep 2019 11:17

Tgt Ion: 65 Resp: 205738

Ion Ratio Lower Upper

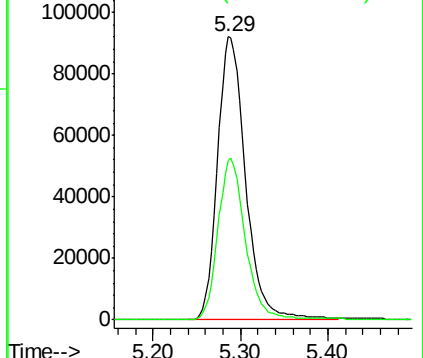
65 100

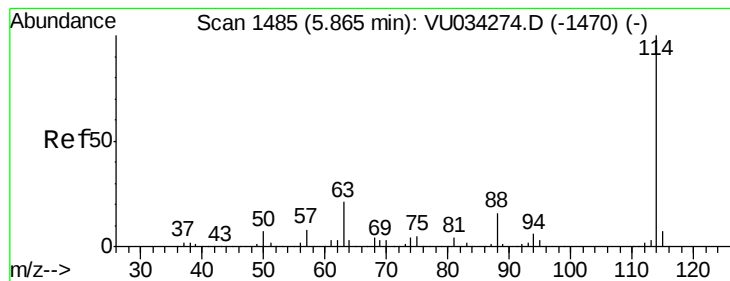
67 55.3 0.0 112.4



Abundance Ion 64.90 (64.60 to 65.60): VU034423.D (-1212) (-)

Ion 66.90 (66.60 to 67.60): VU034423.D (-1212) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034423.D

Acq: 09 Sep 2019 11:17

Instrument :

MSVOA_U

ClientSampleId :

T12-G1-(0)

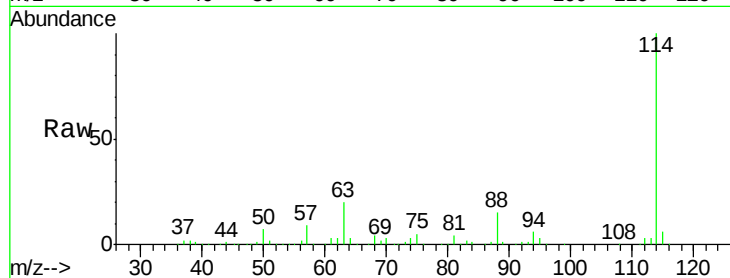
Tot Ion:114 Resp: 386396

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.4

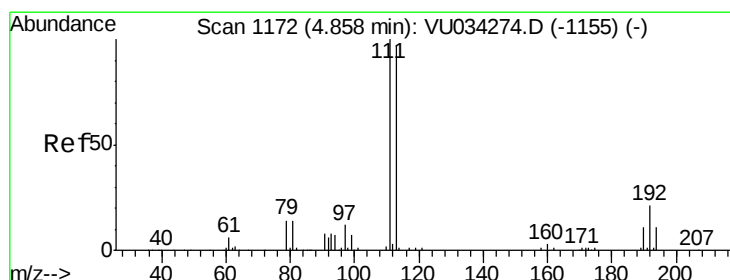
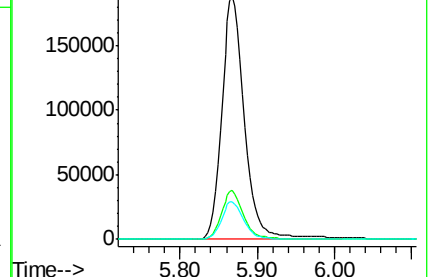
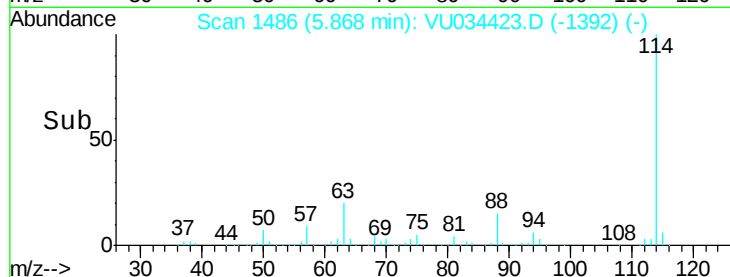
88 15.3 0.0 32.4



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: 51.353 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034423.D

Acq: 09 Sep 2019 11:17

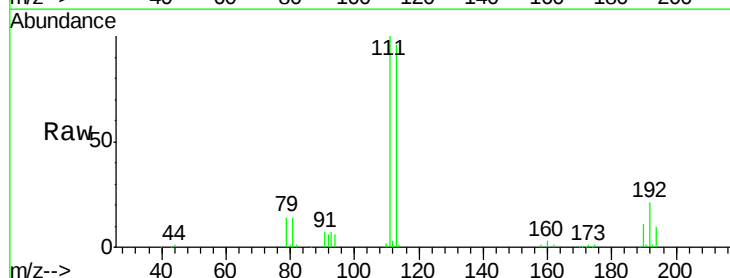
Tgt Ion:113 Resp: 184635

Ion Ratio Lower Upper

113 100

111 101.6 81.5 122.3

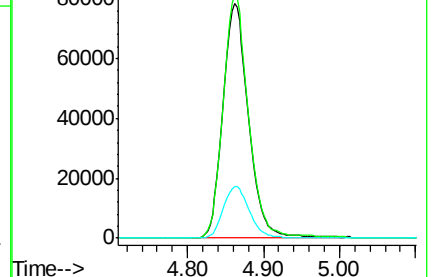
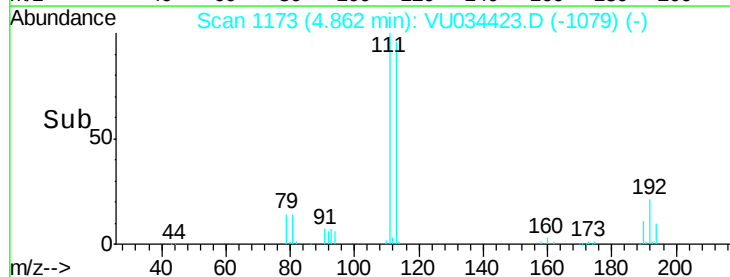
192 22.2 17.8 26.8

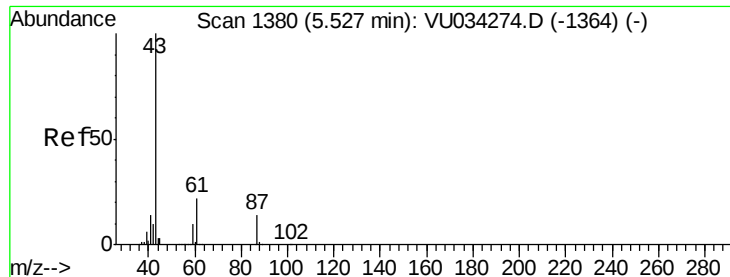


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 8.260 ug/l

RT: 5.53 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VU034423.D

Acq: 09 Sep 2019 11:17

Instrument :

MSVOA_U

ClientSampleId :

T12-G1-(0)

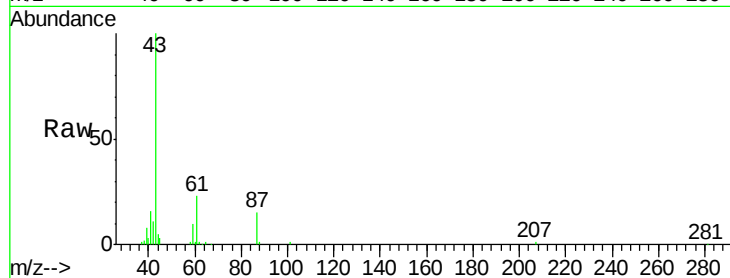
Tot Ion: 43 Resp: 63841

Ion Ratio Lower Upper

43 100

61 20.7 17.1 25.7

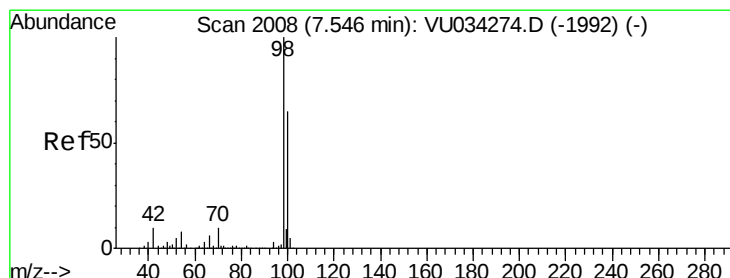
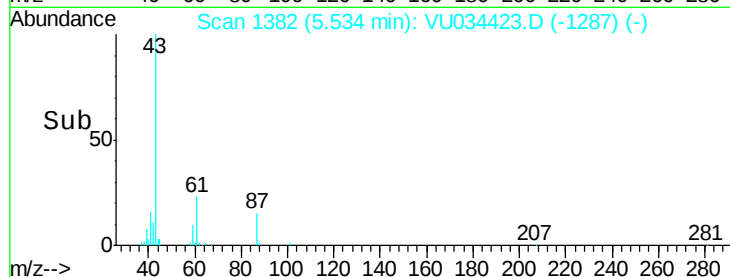
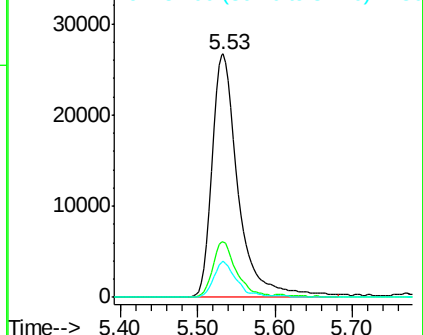
87 13.0 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VU034423.D (-1287) (-)

Ion 61.00 (60.70 to 61.70): VU034423.D (-1287) (-)

Ion 87.00 (86.70 to 87.70): VU034423.D (-1287) (-)



#50

Toluene-d8

Concen: 48.012 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU034423.D

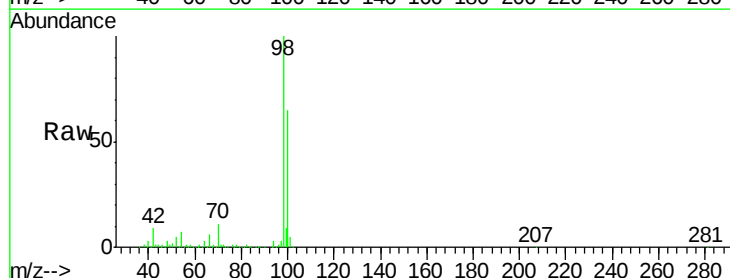
Acq: 09 Sep 2019 11:17

Tgt Ion: 98 Resp: 648550

Ion Ratio Lower Upper

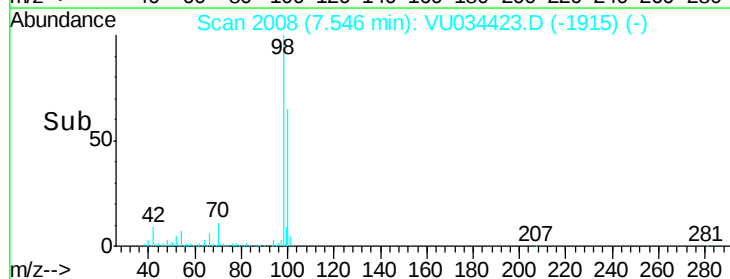
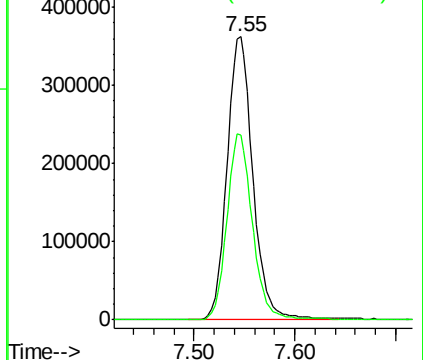
98 100

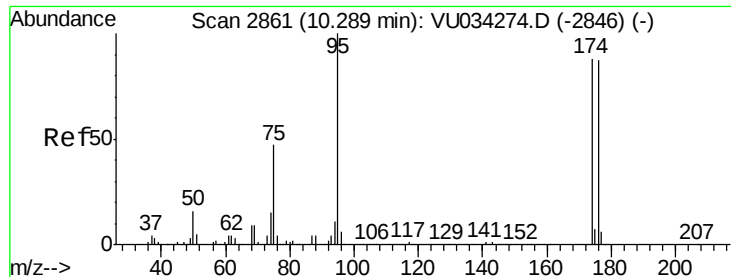
100 65.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VU034423.D (-1915) (-)

Ion 100.00 (99.70 to 100.70): VU034423.D (-1915) (-)





#62

4-Bromofluorobenzene

Concen: 40.868 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034423.D

Acq: 09 Sep 2019 11:17

Instrument :

MSVOA_U

ClientSampleId :

T12-G1-(0)

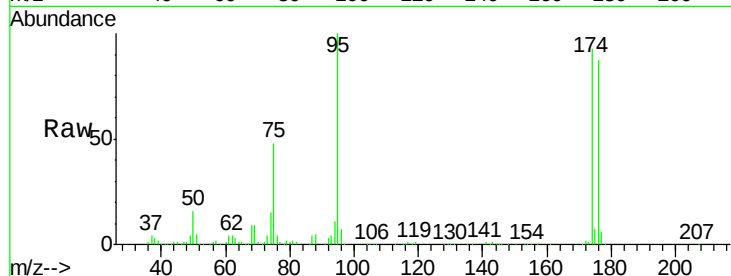
Tot Ion: 95 Resp: 213143

Ion Ratio Lower Upper

95 100

174 92.4 0.0 175.2

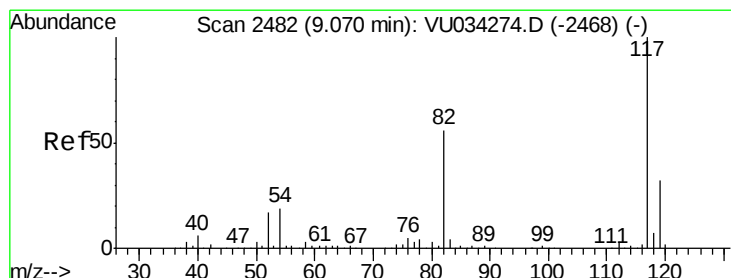
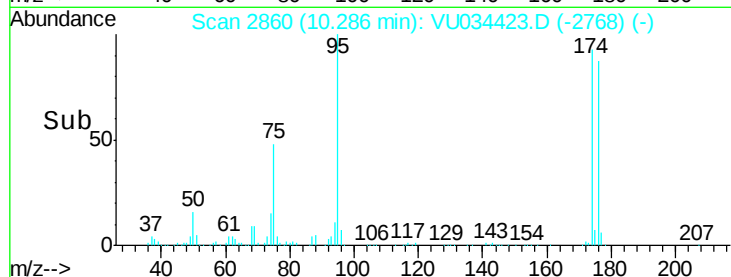
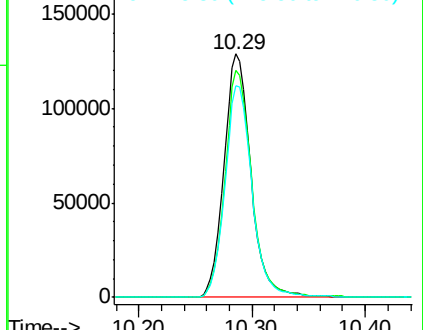
176 87.8 0.0 168.0



Abundance Ion 94.90 (94.60 to 95.60): VU034423.D (-2846) (-)

Ion 173.80 (173.50 to 174.50): VU034423.D (-2846) (-)

Ion 175.80 (175.50 to 176.50): VU034423.D (-2846) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2481

Delta R.T. -0.00 min

Lab File: VU034423.D

Acq: 09 Sep 2019 11:17

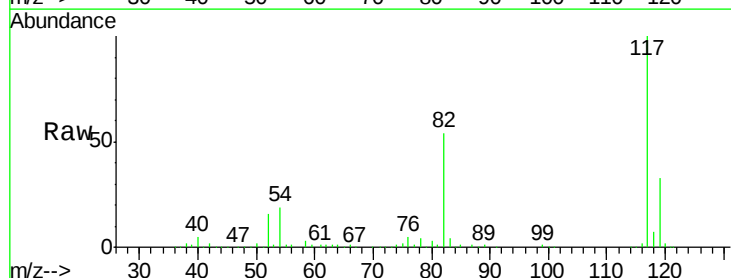
Tgt Ion: 117 Resp: 414429

Ion Ratio Lower Upper

117 100

82 54.2 44.6 67.0

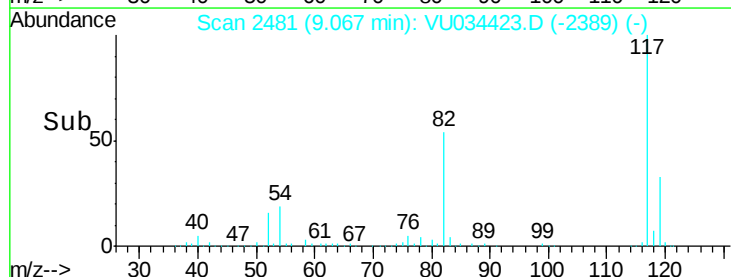
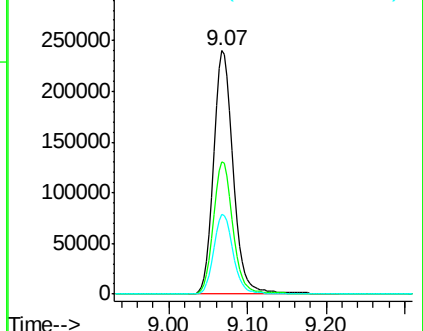
119 32.6 25.9 38.9

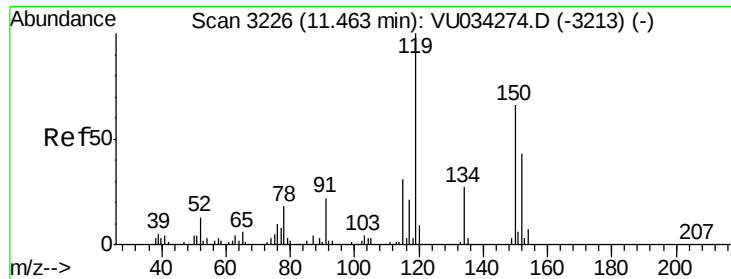


Abundance Ion 116.90 (116.60 to 117.60): VU034423.D (-2389) (-)

Ion 82.00 (81.70 to 82.70): VU034423.D (-2389) (-)

Ion 118.90 (118.60 to 119.60): VU034423.D (-2389) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VU034423.D

Acq: 09 Sep 2019 11:17

Instrument :

MSVOA_U

ClientSampleId :

T12-G1-(0)

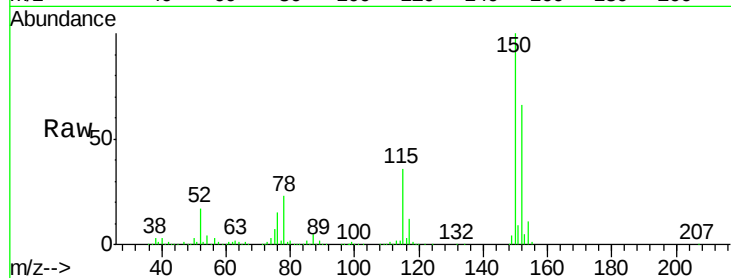
Tot Ion:152 Resp: 220763

Ion Ratio Lower Upper

152 100

115 54.6 39.1 117.3

150 155.8 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

