

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090919\
 Data File : VU034424.D
 Acq On : 09 Sep 2019 11:40
 Operator : JC/SP
 Sample : K4602-21
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T12-G2-(0)

Quant Time: Sep 10 06:16:46 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

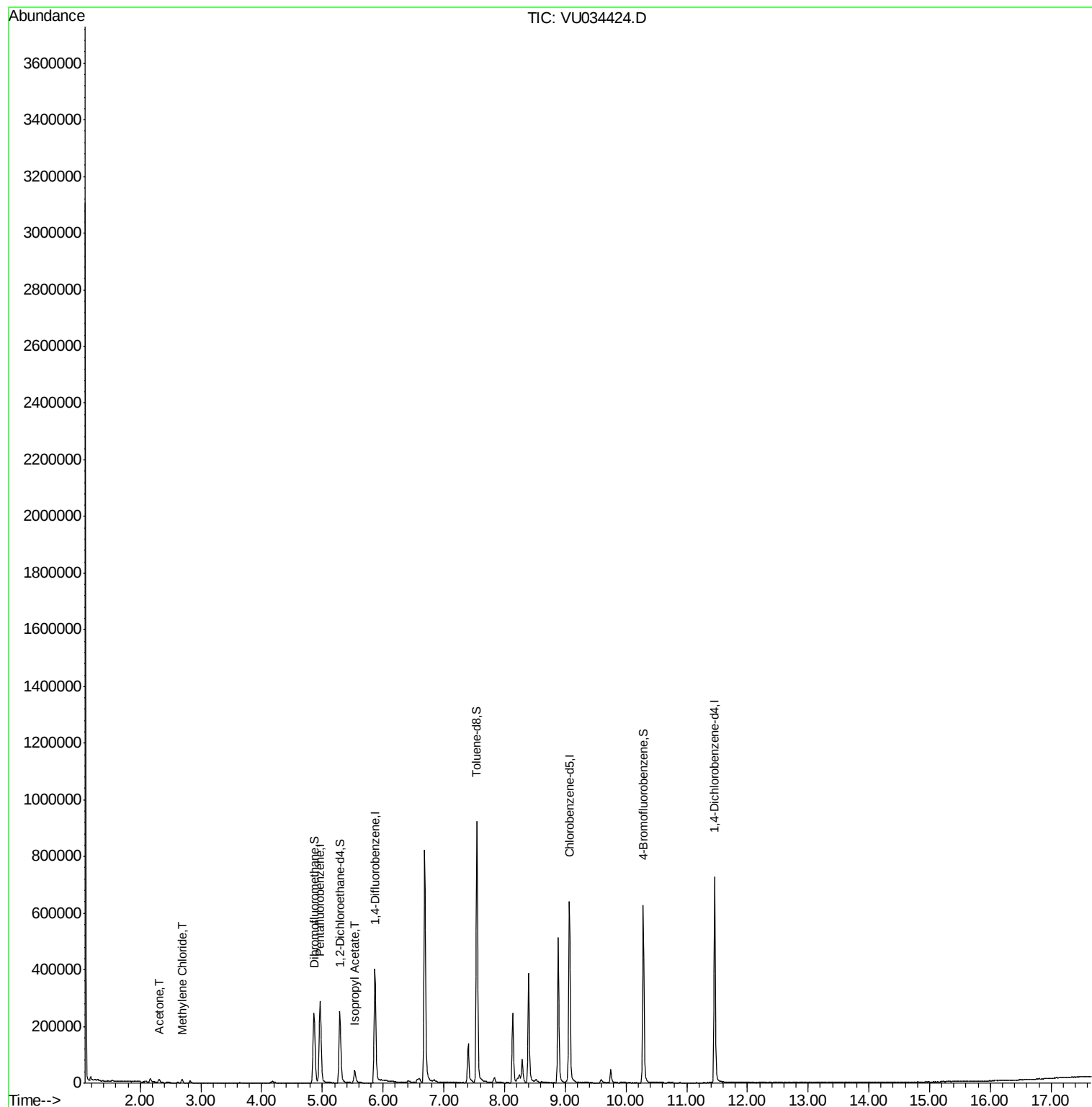
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	242260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	367307	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	394915	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	210921	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	201836	55.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.12%	
35) Dibromofluoromethane	4.86	113	179686	52.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.14%	
50) Toluene-d8	7.55	98	660006	51.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.80%	
62) 4-Bromofluorobenzene	10.29	95	215398	43.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.90%	
Target Compounds						
16) Acetone	2.31	43	13236	6.978	ug/l	95
20) Methylene Chloride	2.69	84	5717	1.452	ug/l	92
43) Isopropyl Acetate	5.53	43	50525	6.877	ug/l	99

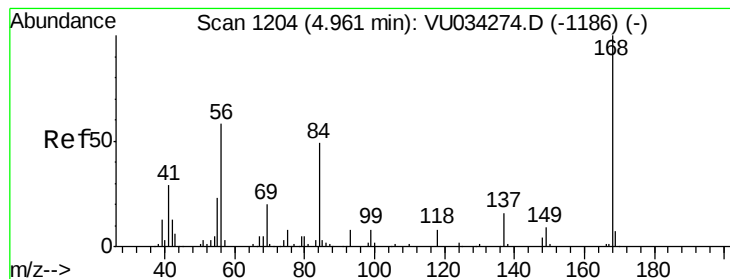
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.00 min

Lab File: VU034424.D

Acq: 09 Sep 2019 11:40

Instrument :

MSVOA_U

ClientSampleId :

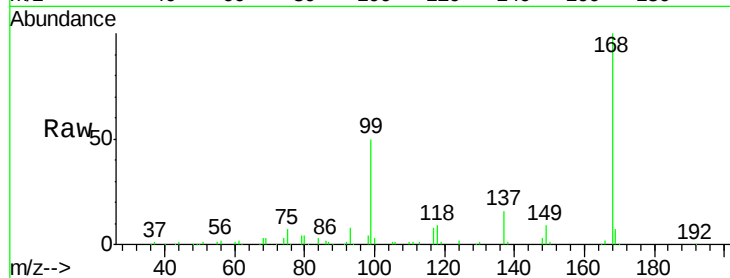
T12-G2-(0)

Tot Ion:168 Resp: 242260

Ion Ratio Lower Upper

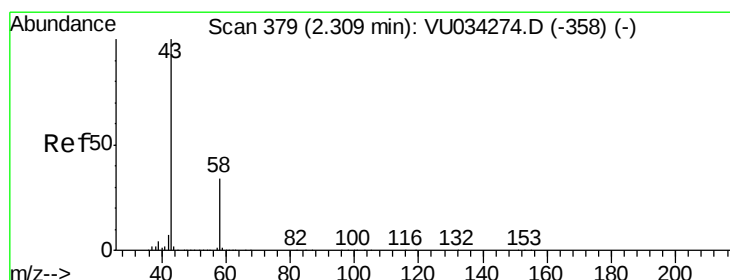
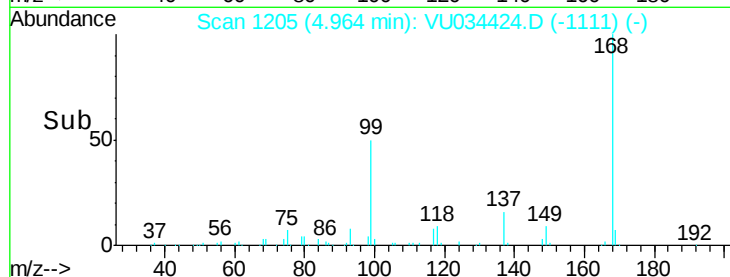
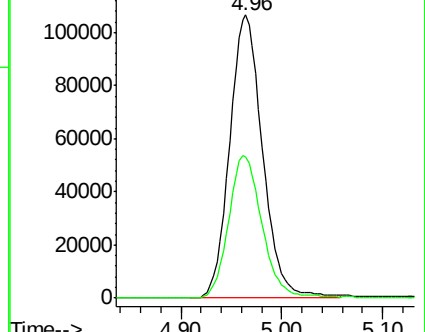
168 100

99 50.1 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034424.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034424.D (-1186) (-)



#16

Acetone

Concen: 6.978 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034424.D

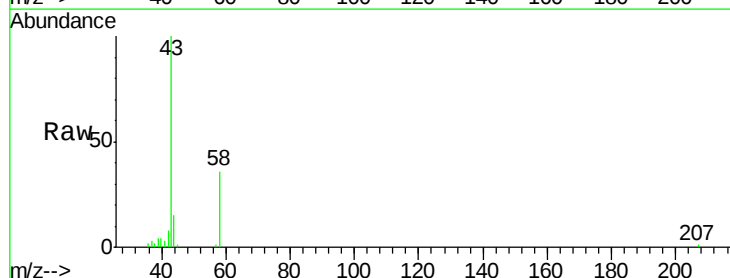
Acq: 09 Sep 2019 11:40

Tgt Ion: 43 Resp: 13236

Ion Ratio Lower Upper

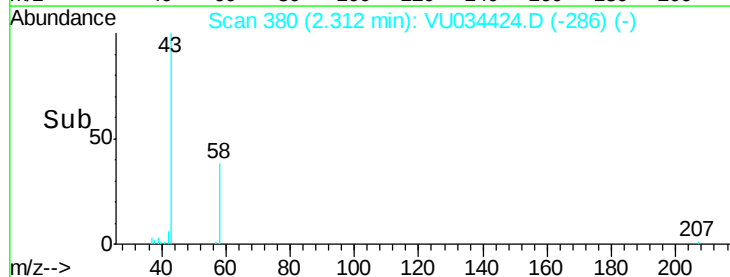
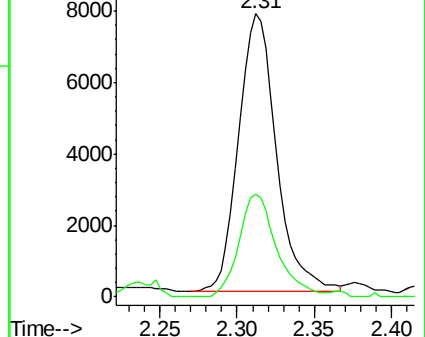
43 100

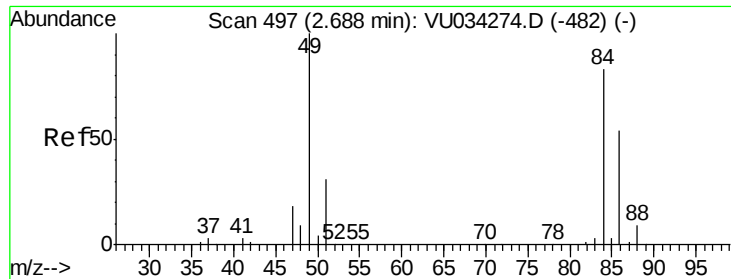
58 37.3 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034424.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034424.D (-286) (-)





#20

Methylene Chloride

Concen: 1.452 ug/l

RT: 2.69 min Scan# 497

Delta R.T. 0.00 min

Lab File: VU034424.D

Acq: 09 Sep 2019 11:40

Instrument :

MSVOA_U

ClientSampleId :

T12-G2-(0)

Tot Ion: 84 Resp: 5717

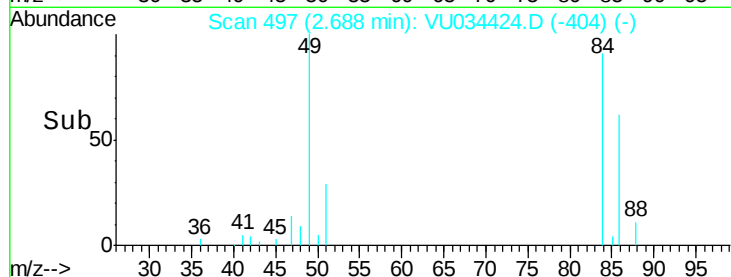
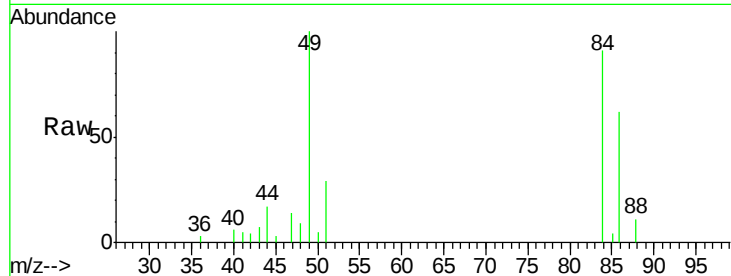
Ion Ratio Lower Upper

84 100

49 110.2 96.0 144.0

51 31.9 30.0 45.0

86 68.1 51.4 77.0

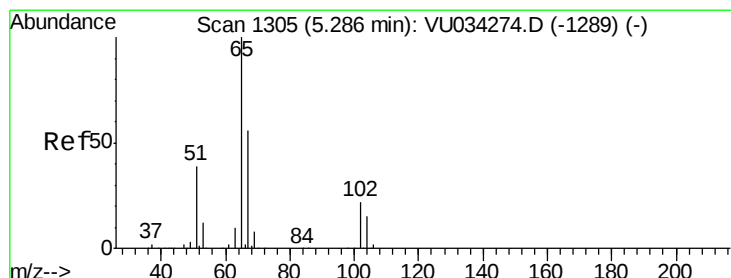
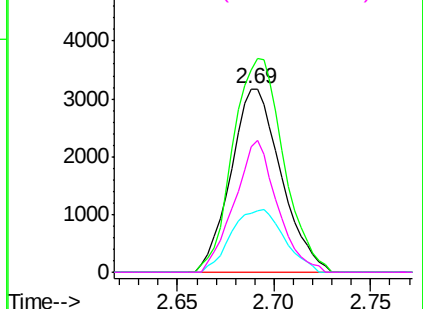


Abundance Ion 83.90 (83.60 to 84.60): VU0

Ion 48.90 (48.60 to 49.60): VU0

Ion 50.90 (50.60 to 51.60): VU0

Ion 85.90 (85.60 to 86.60): VU0



#33

1,2-Dichloroethane-d4

Concen: 55.064 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034424.D

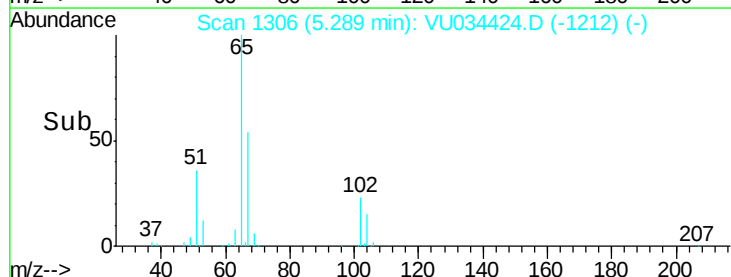
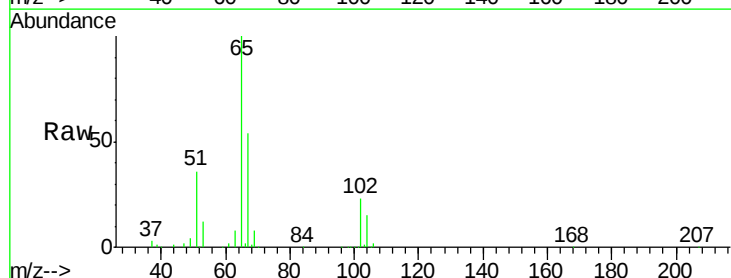
Acq: 09 Sep 2019 11:40

Tgt Ion: 65 Resp: 201836

Ion Ratio Lower Upper

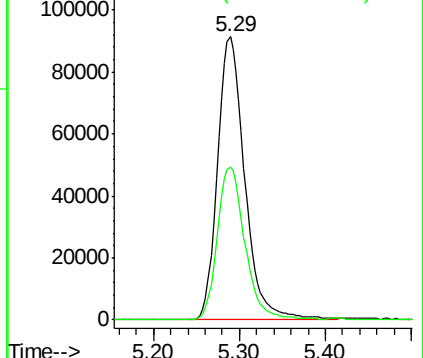
65 100

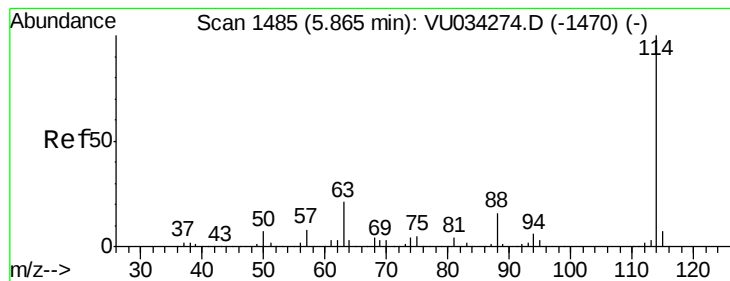
67 54.9 0.0 112.4



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034424.D

Acq: 09 Sep 2019 11:40

Instrument :

MSVOA_U

ClientSampleId :

T12-G2-(0)

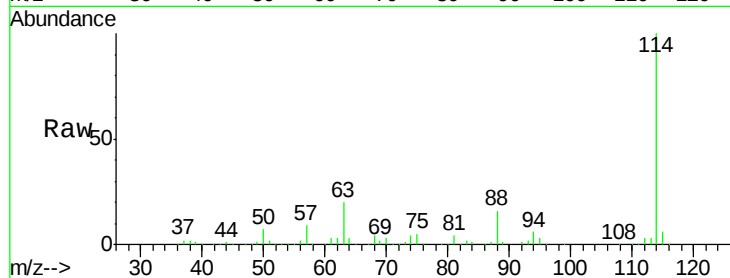
Tot Ion:114 Resp: 367307

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

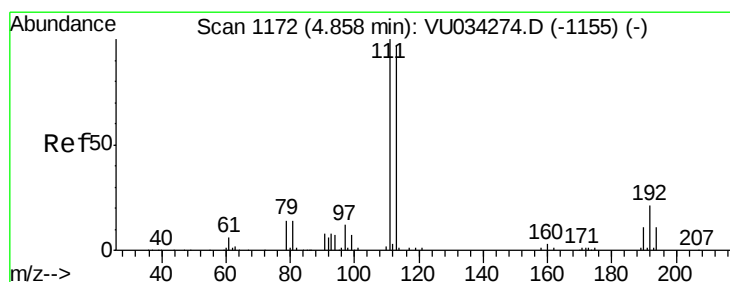
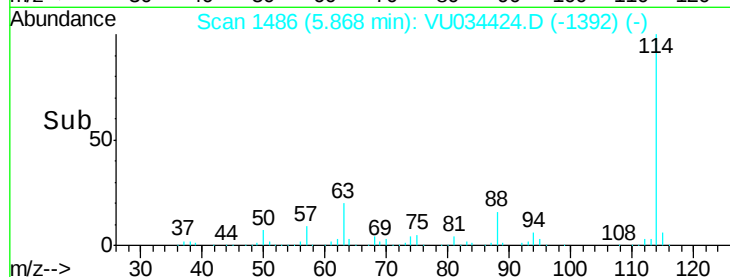
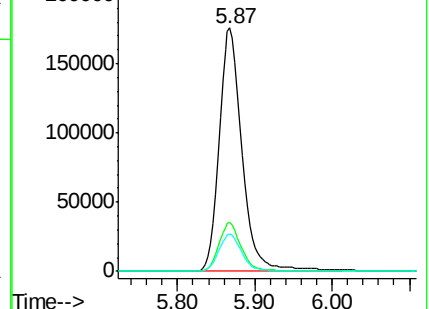
88 15.6 0.0 32.4



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: 52.574 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034424.D

Acq: 09 Sep 2019 11:40

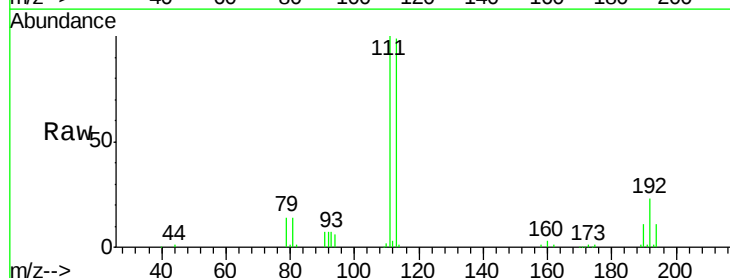
Tgt Ion:113 Resp: 179686

Ion Ratio Lower Upper

113 100

111 100.6 81.5 122.3

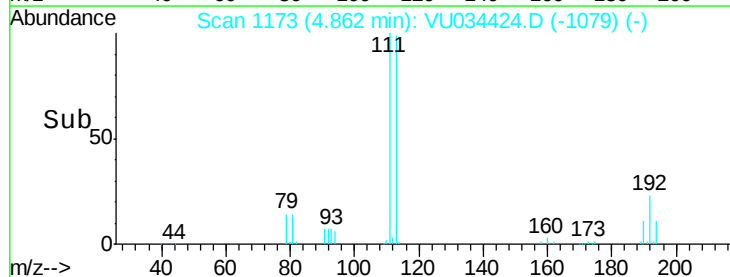
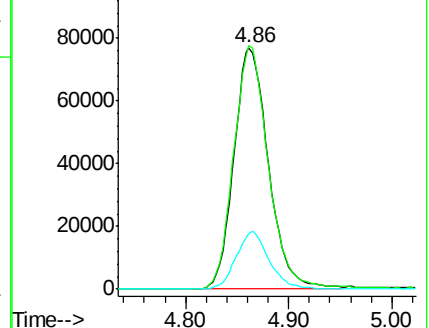
192 23.0 17.8 26.8

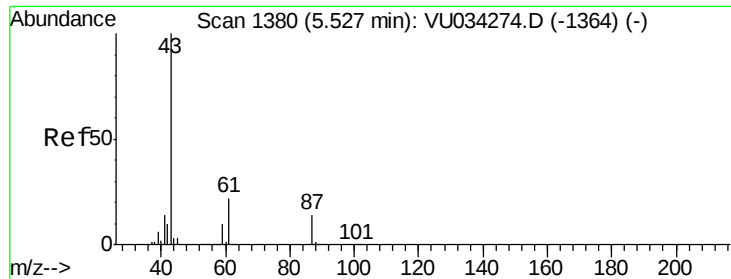


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 6.877 ug/l

RT: 5.53 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VU034424.D

Acq: 09 Sep 2019 11:40

Instrument :

MSVOA_U

ClientSampleId :

T12-G2-(0)

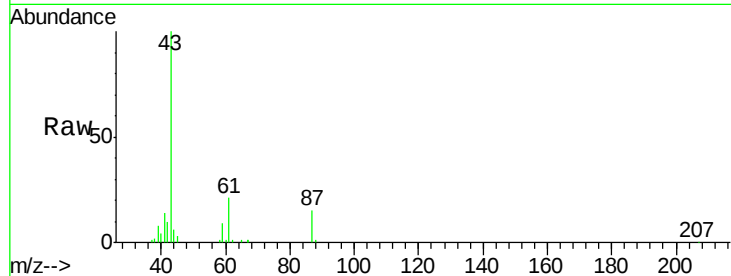
Tot Ion: 43 Resp: 50525

Ion Ratio Lower Upper

43 100

61 21.6 17.1 25.7

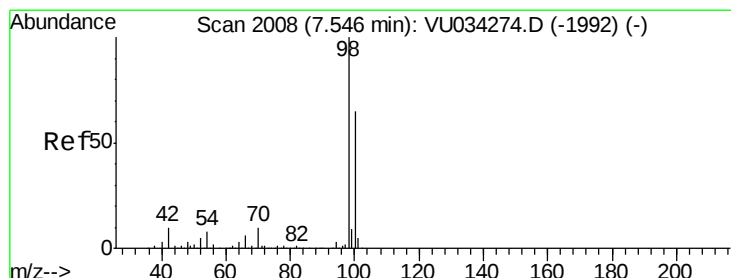
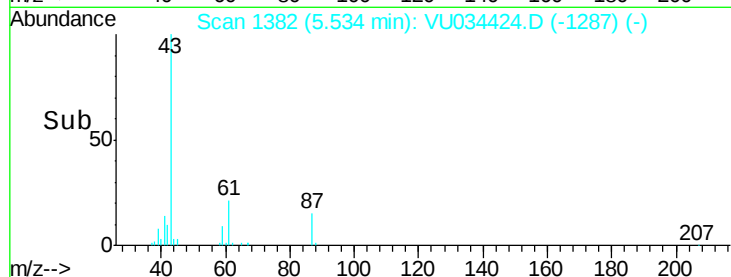
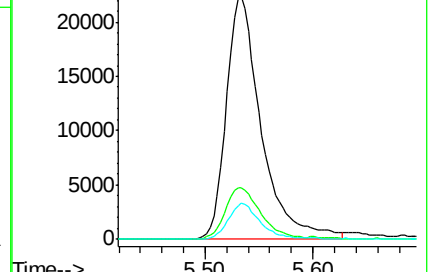
87 13.4 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VU034424.D (-1382) (-)

Ion 61.00 (60.70 to 61.70): VU034424.D (-1382) (-)

Ion 87.00 (86.70 to 87.70): VU034424.D (-1382) (-)



#50

Toluene-d8

Concen: 51.399 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU034424.D

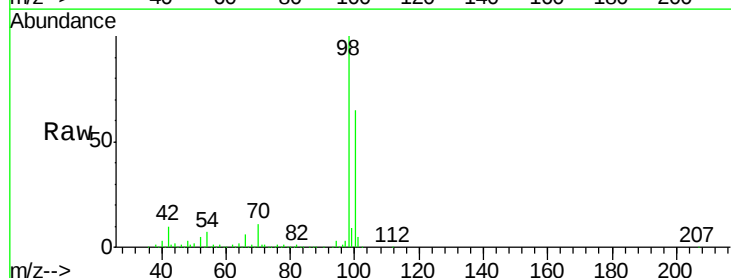
Acq: 09 Sep 2019 11:40

Tgt Ion: 98 Resp: 660006

Ion Ratio Lower Upper

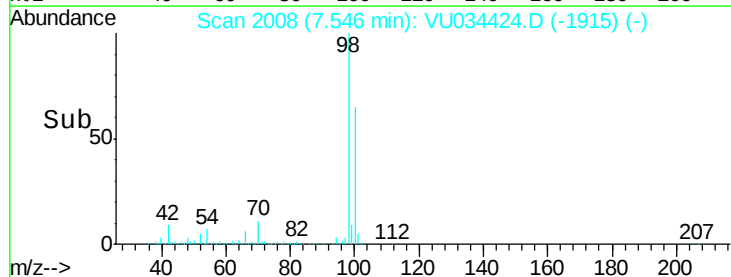
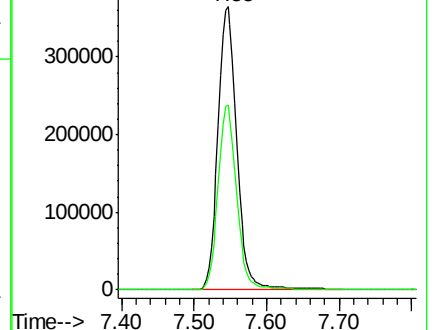
98 100

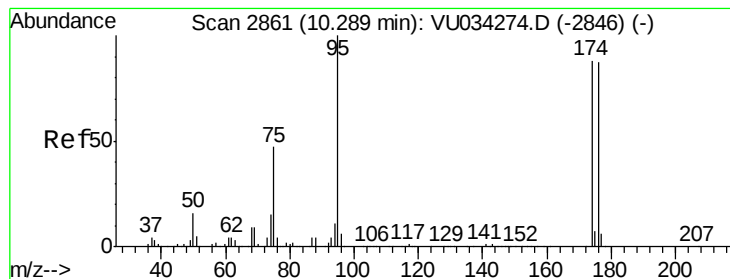
100 64.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VU034424.D (-2008) (-)

Ion 100.00 (99.70 to 100.70): VU034424.D (-2008) (-)





#62

4-Bromofluorobenzene

Concen: 43.447 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034424.D

Acq: 09 Sep 2019 11:40

Instrument :

MSVOA_U

ClientSampleId :

T12-G2-(0)

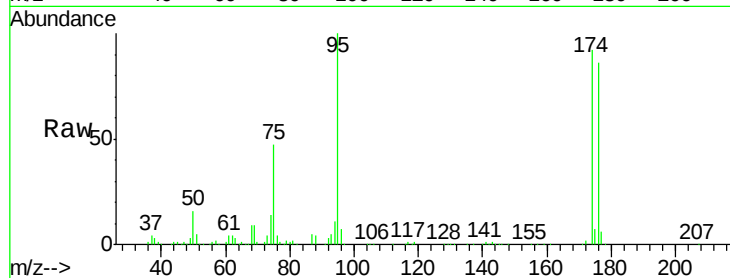
Tot Ion: 95 Resp: 215398

Ion Ratio Lower Upper

95 100

174 92.5 0.0 175.2

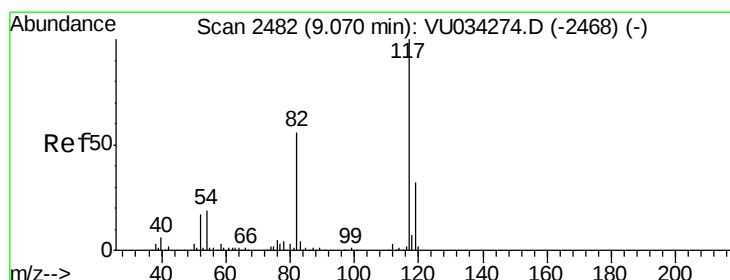
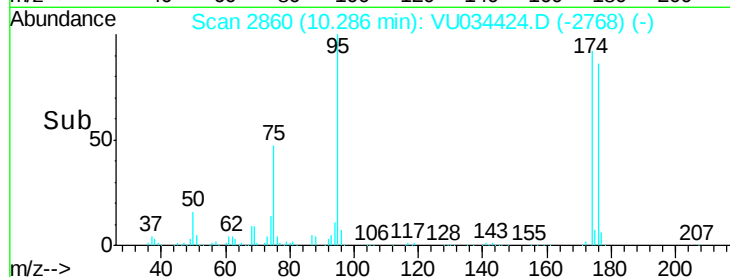
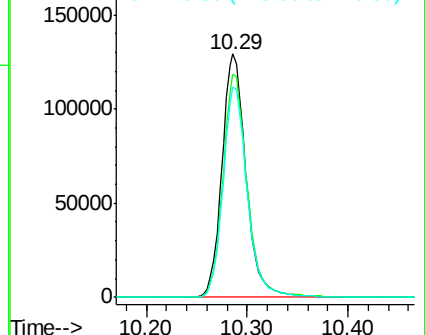
176 86.9 0.0 168.0



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. -0.00 min

Lab File: VU034424.D

Acq: 09 Sep 2019 11:40

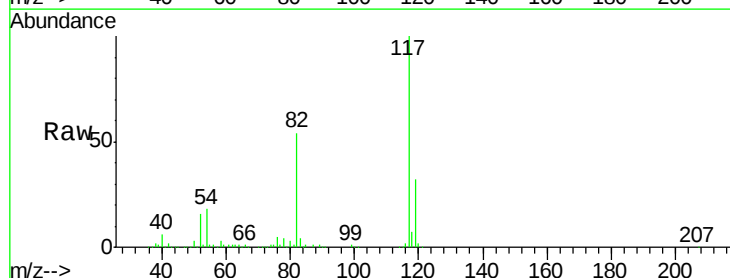
Tgt Ion: 117 Resp: 394915

Ion Ratio Lower Upper

117 100

82 53.6 44.6 67.0

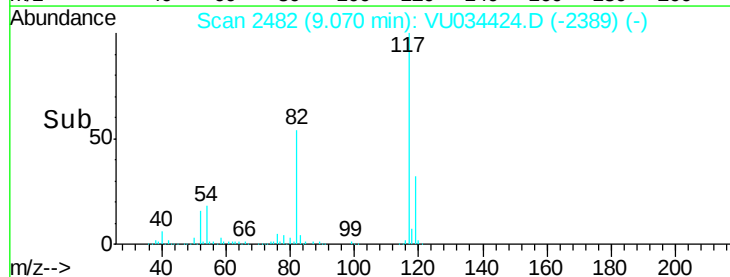
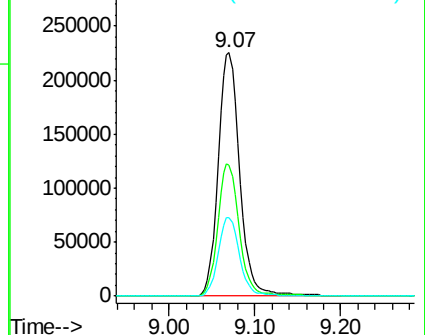
119 32.2 25.9 38.9

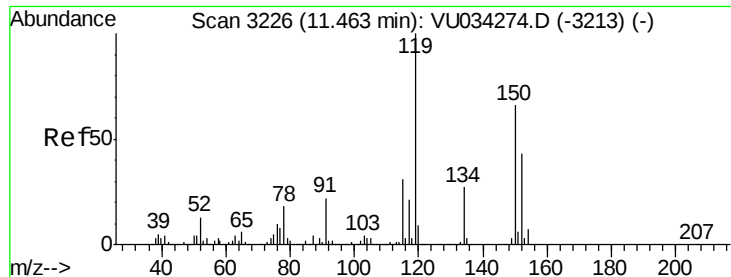


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

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: VU034424.D

Acq: 09 Sep 2019 11:40

Instrument :

MSVOA_U

ClientSampleId :

T12-G2-(0)

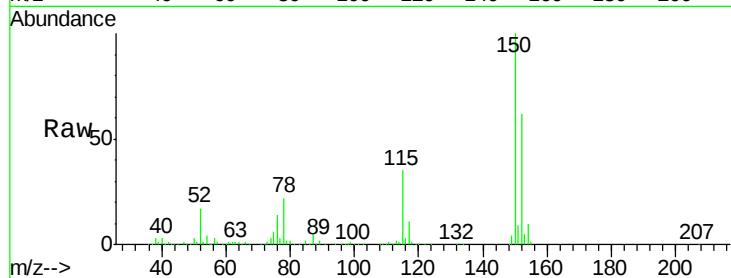
Tot Ion:152 Resp: 210921

Ion Ratio Lower Upper

152 100

115 55.3 39.1 117.3

150 158.8 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

