

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090919\
 Data File : VU034426.D
 Acq On : 09 Sep 2019 12:26
 Operator : JC/SP
 Sample : K4602-24
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T12-G1-(2.7)

Quant Time: Sep 10 06:19:56 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

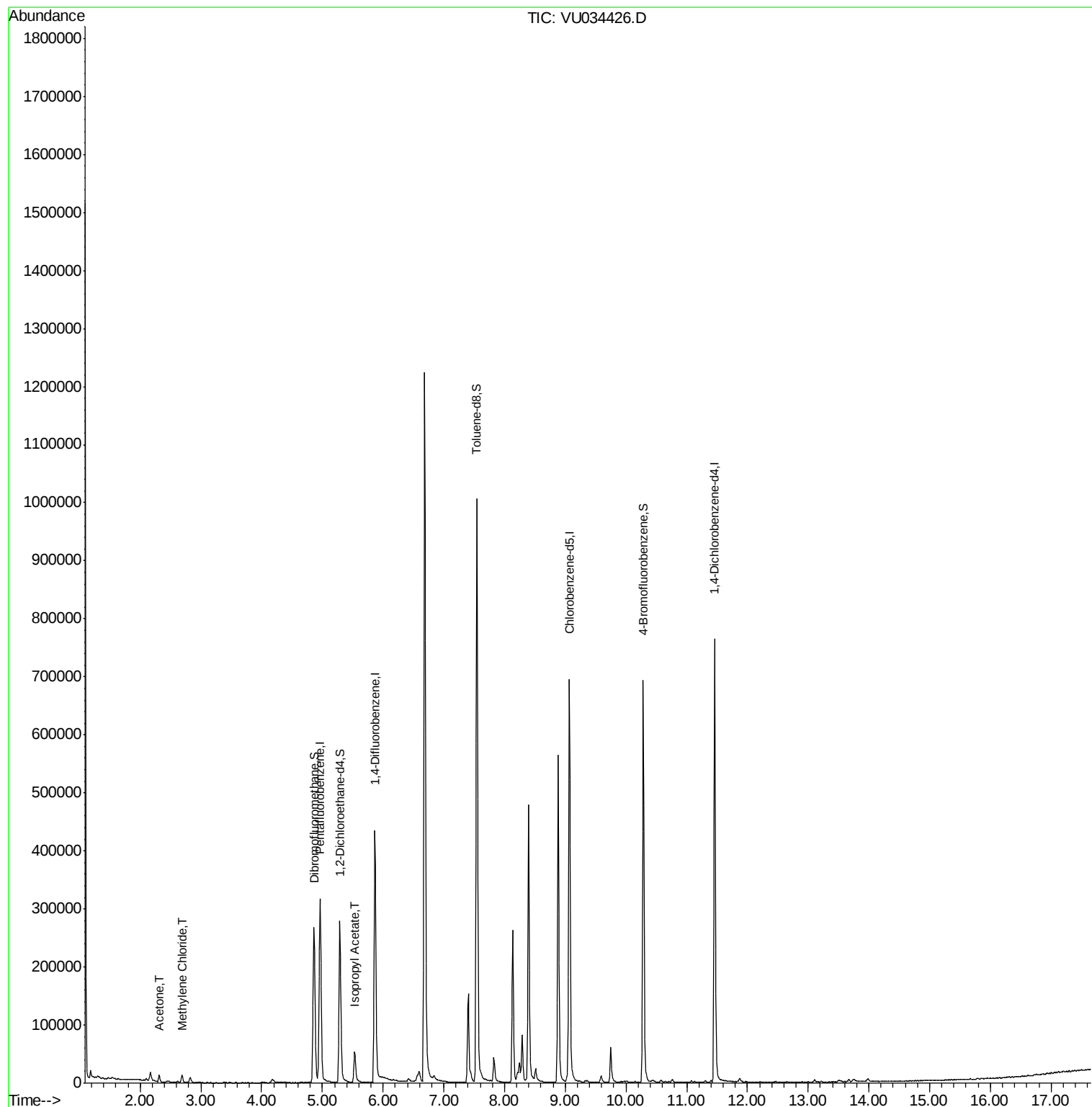
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	263582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	396606	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	421140	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	223830	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	214959	53.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.80%	
35) Dibromofluoromethane	4.86	113	193770	52.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.02%	
50) Toluene-d8	7.55	98	714728	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.10%	
62) 4-Bromofluorobenzene	10.29	95	237325	44.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.66%	
Target Compounds						
16) Acetone	2.31	43	12287	5.954	ug/l	92
20) Methylene Chloride	2.69	84	5835	1.337	ug/l	94
43) Isopropyl Acetate	5.53	43	61116	7.704	ug/l	98

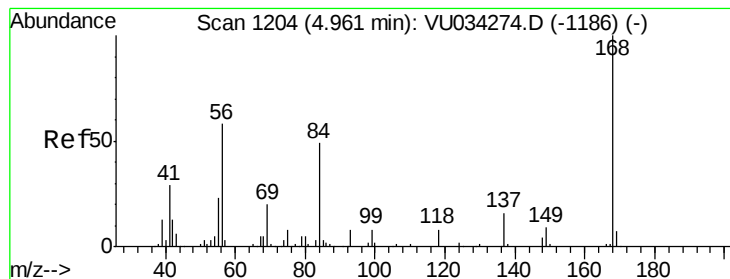
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034426.D

Acq: 09 Sep 2019 12:26

Instrument :

MSVOA_U

ClientSampleId :

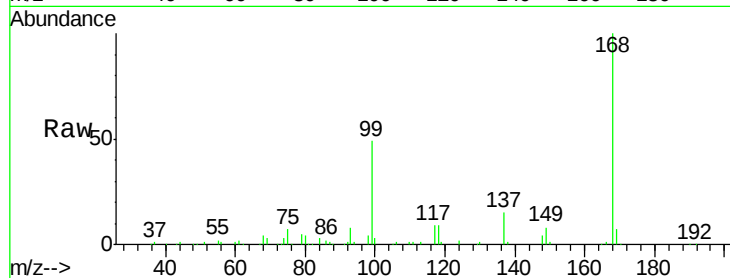
T12-G1-(2.7)

Tot Ion:168 Resp: 263582

Ion Ratio Lower Upper

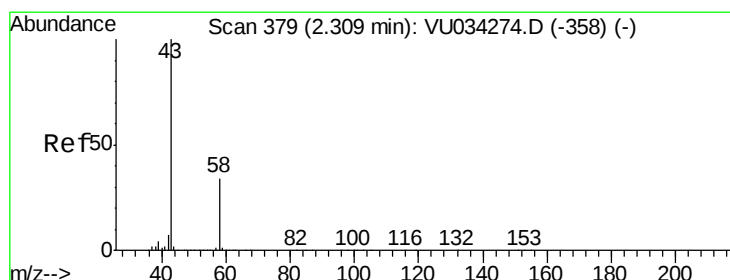
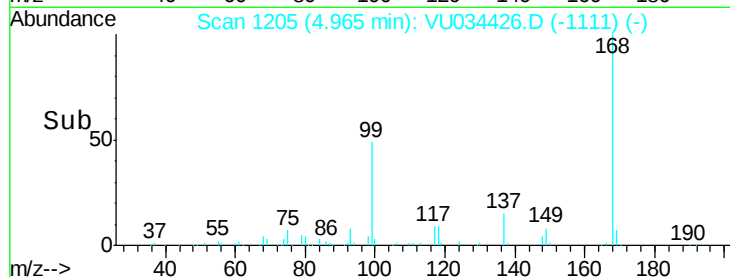
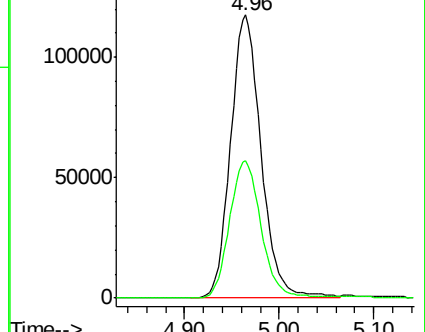
168 100

99 48.7 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034426.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034426.D (-1186) (-)



#16

Acetone

Concen: 5.954 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034426.D

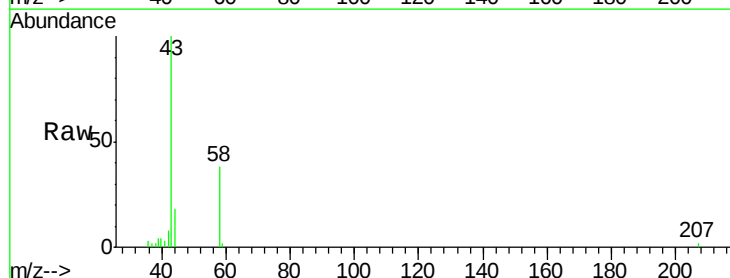
Acq: 09 Sep 2019 12:26

Tgt Ion: 43 Resp: 12287

Ion Ratio Lower Upper

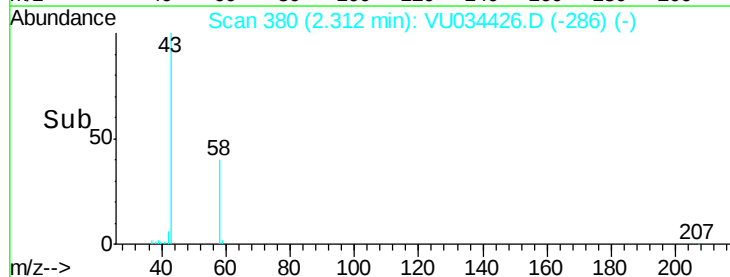
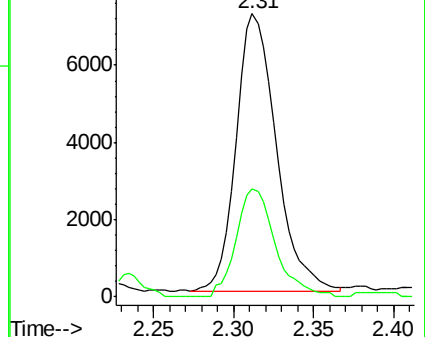
43 100

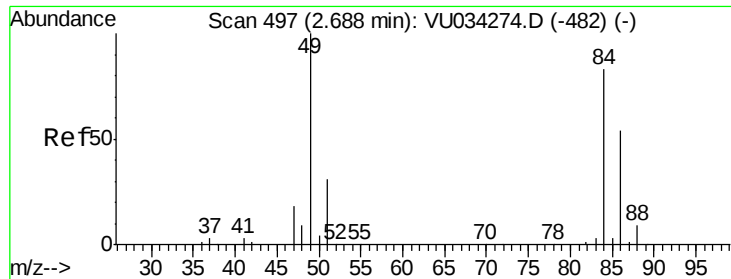
58 39.0 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034426.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034426.D (-286) (-)

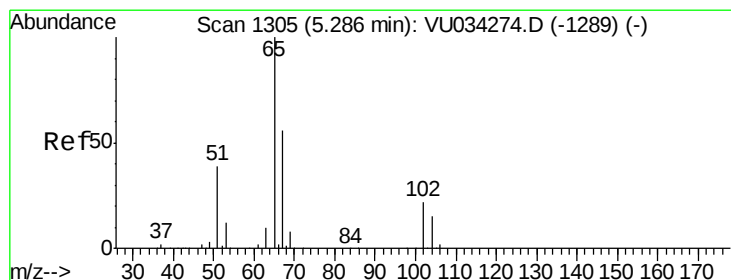
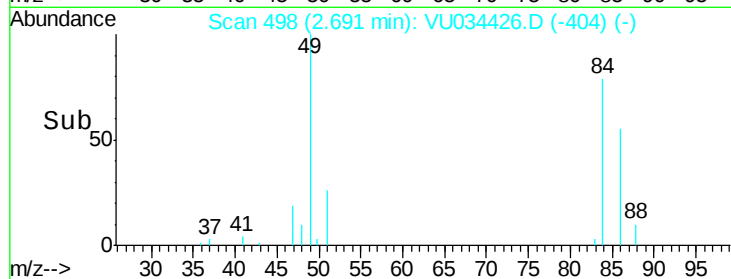
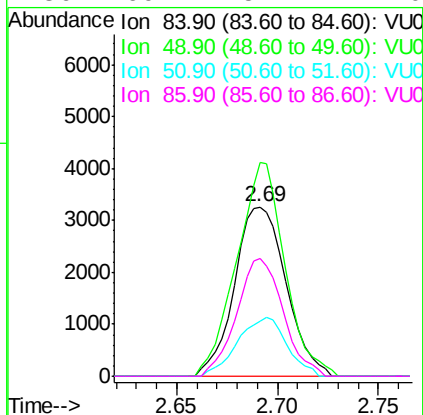
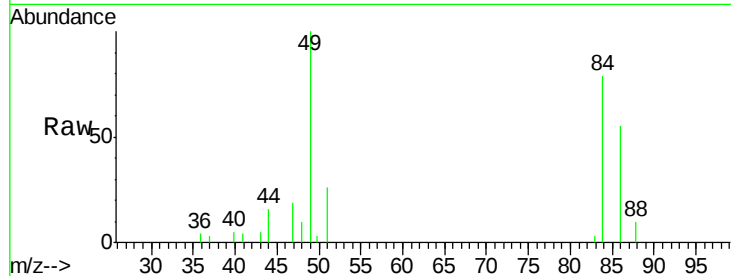




#20
Methvlene Chloride
Concen: 1.337 ug/l
RT: 2.69 min Scan# 498
Delta R.T. 0.00 min
Lab File: VU034426.D
Acq: 09 Sep 2019 12:26

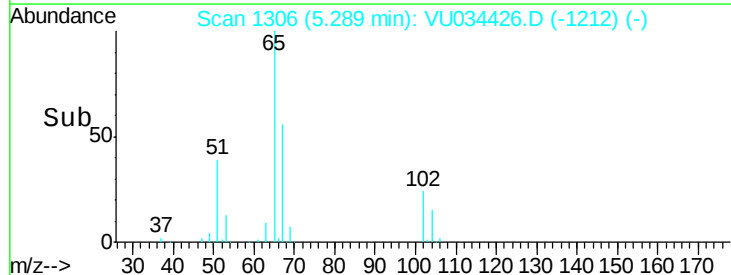
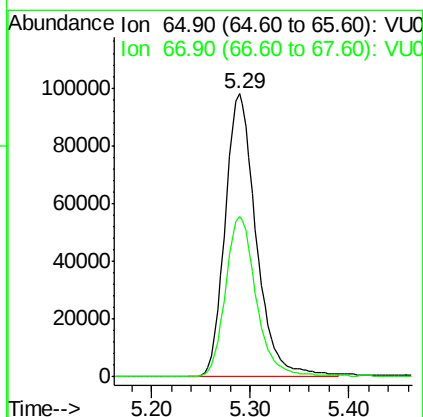
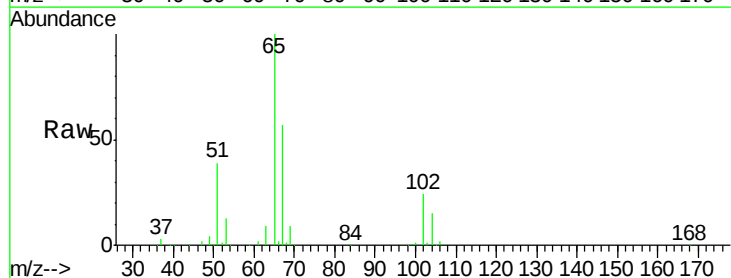
Instrument :
MSVOA_U
ClientSampleId :
T12-G1-(2.7)

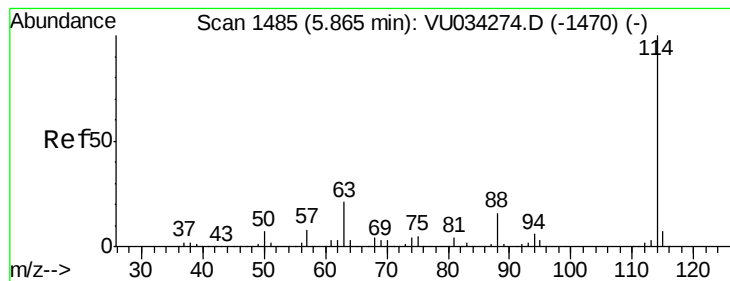
Tot Ion: 84 Resp: 5835
Ion Ratio Lower Upper
84 100
49 126.1 96.0 144.0
51 32.2 30.0 45.0
86 69.7 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 53.900 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034426.D
Acq: 09 Sep 2019 12:26

Tgt Ion: 65 Resp: 214959
Ion Ratio Lower Upper
65 100
67 56.3 0.0 112.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034426.D

Acq: 09 Sep 2019 12:26

Instrument :

MSVOA_U

ClientSampleId :

T12-G1-(2.7)

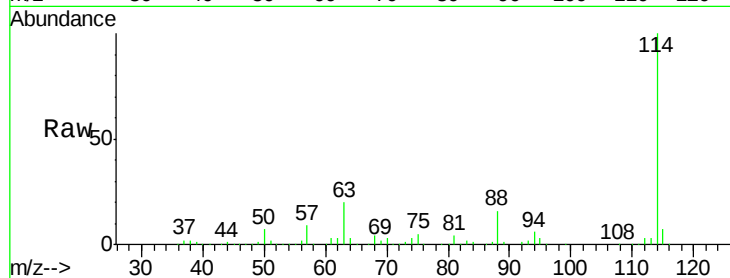
Tot Ion:114 Resp: 396606

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.4

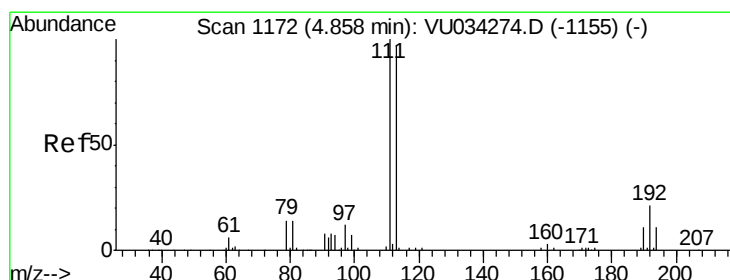
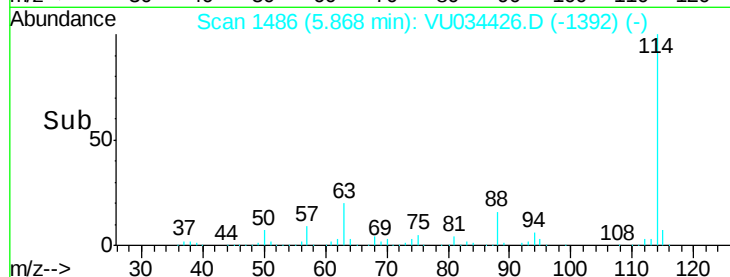
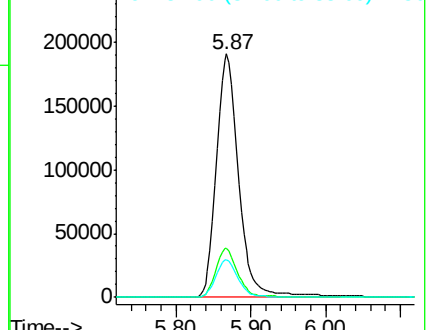
88 15.7 0.0 32.4



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: 52.506 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034426.D

Acq: 09 Sep 2019 12:26

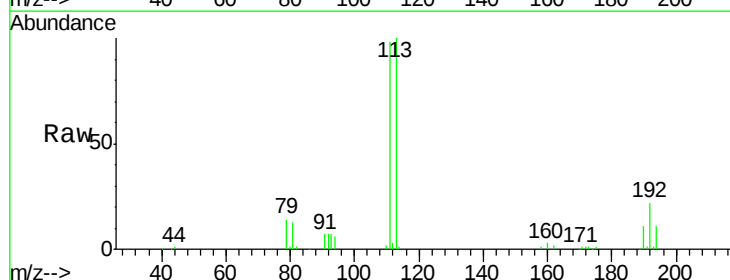
Tgt Ion:113 Resp: 193770

Ion Ratio Lower Upper

113 100

111 102.1 81.5 122.3

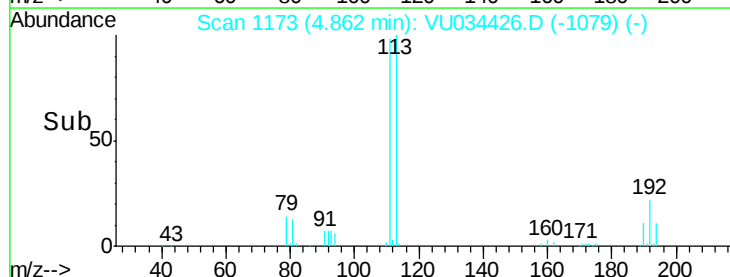
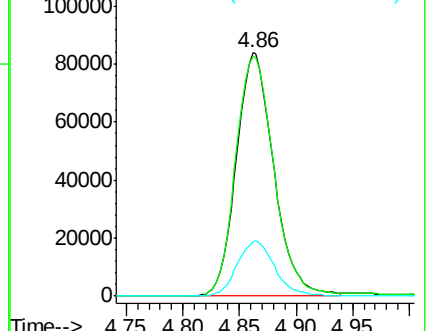
192 22.8 17.8 26.8

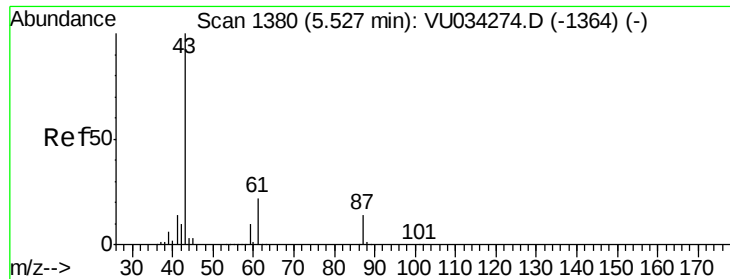


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 7.704 ug/l

RT: 5.53 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VU034426.D

Acq: 09 Sep 2019 12:26

Instrument :

MSVOA_U

ClientSampleId :

T12-G1-(2.7)

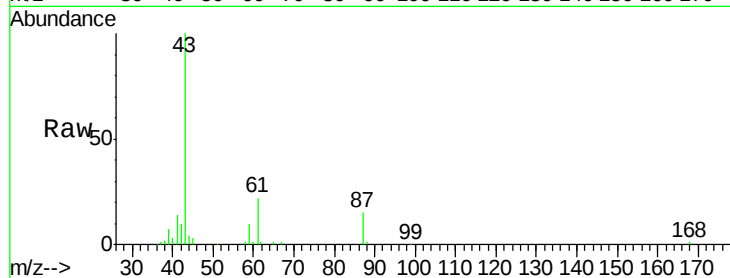
Tot Ion: 43 Resp: 61116

Ion Ratio Lower Upper

43 100

61 22.6 17.1 25.7

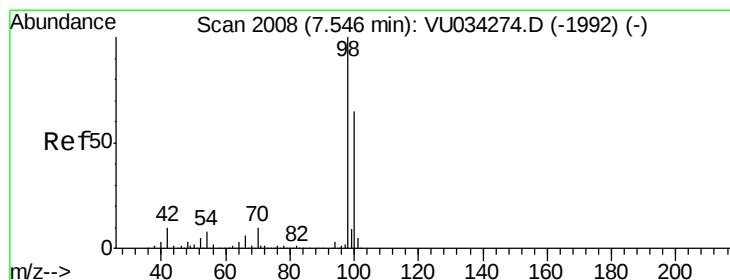
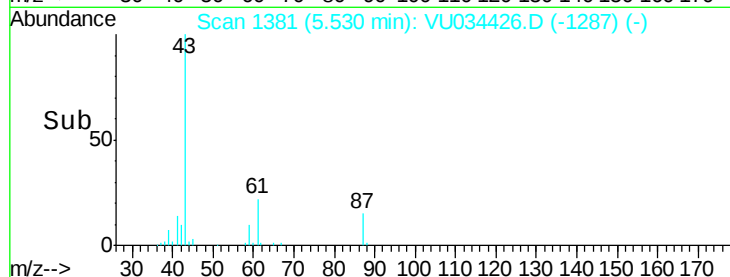
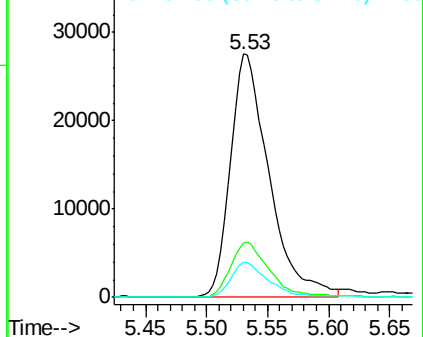
87 13.8 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VU034426.D (-1364) (-)

Ion 61.00 (60.70 to 61.70): VU034426.D (-1364) (-)

Ion 87.00 (86.70 to 87.70): VU034426.D (-1364) (-)



#50

Toluene-d8

Concen: 51.549 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034426.D

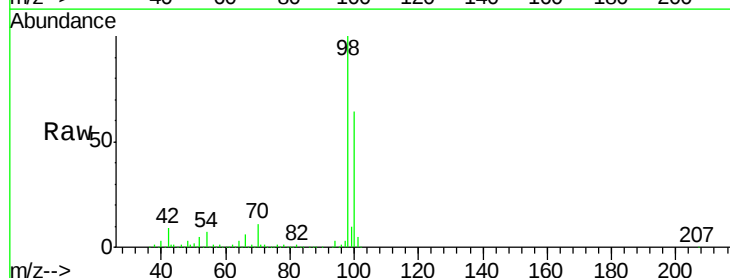
Acq: 09 Sep 2019 12:26

Tgt Ion: 98 Resp: 714728

Ion Ratio Lower Upper

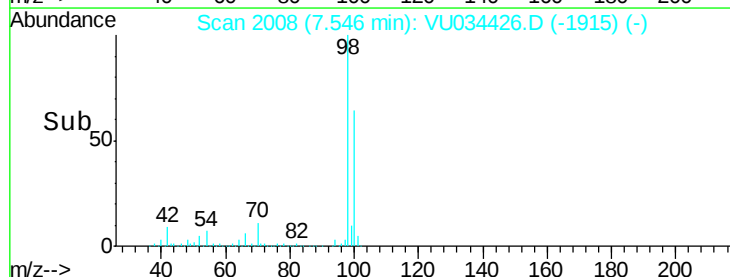
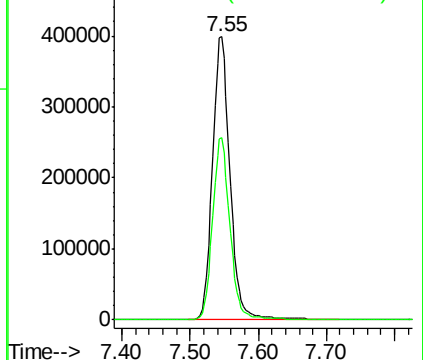
98 100

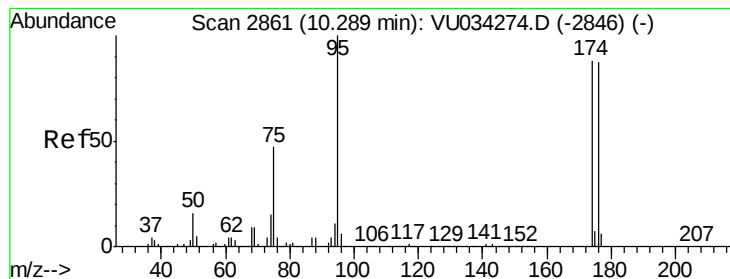
100 63.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VU034426.D (-1992) (-)

Ion 100.00 (99.70 to 100.70): VU034426.D (-1992) (-)





#62

4-Bromofluorobenzene

Concen: 44.333 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034426.D

Acq: 09 Sep 2019 12:26

Instrument :

MSVOA_U

ClientSampleId :

T12-G1-(2.7)

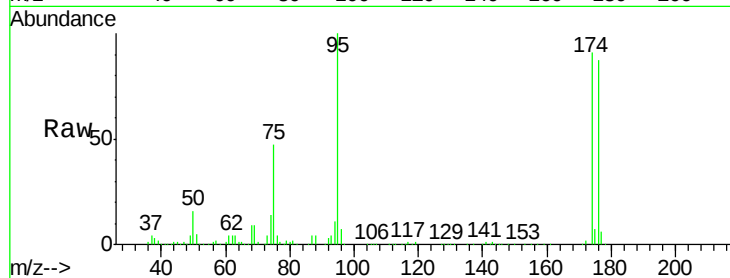
Tot Ion: 95 Resp: 237325

Ion Ratio Lower Upper

95 100

174 91.5 0.0 175.2

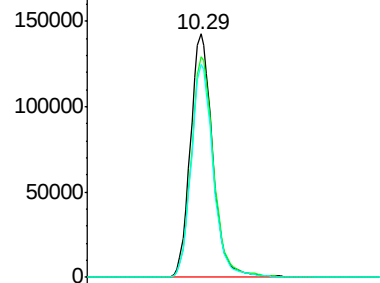
176 86.7 0.0 168.0



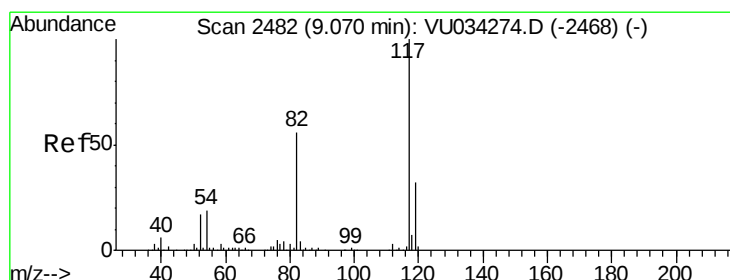
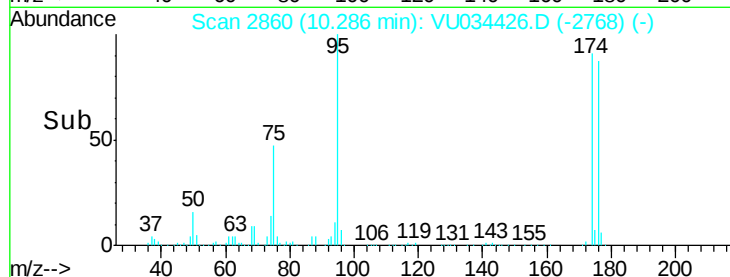
Abundance Ion 94.90 (94.60 to 95.60): VU034426.D (-2846) (-)

Ion 173.80 (173.50 to 174.50): VU034426.D (-2846) (-)

Ion 175.80 (175.50 to 176.50): VU034426.D (-2846) (-)



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2481

Delta R.T. -0.00 min

Lab File: VU034426.D

Acq: 09 Sep 2019 12:26

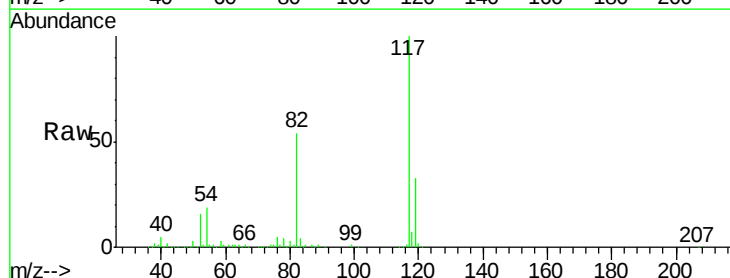
Tgt Ion: 117 Resp: 421140

Ion Ratio Lower Upper

117 100

82 54.4 44.6 67.0

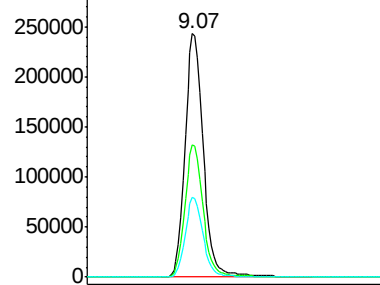
119 32.7 25.9 38.9



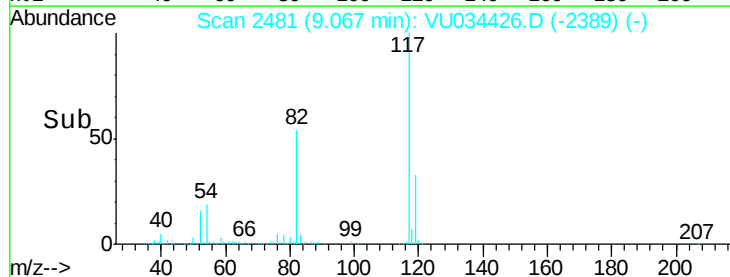
Abundance Ion 116.90 (116.60 to 117.60): VU034426.D (-2389) (-)

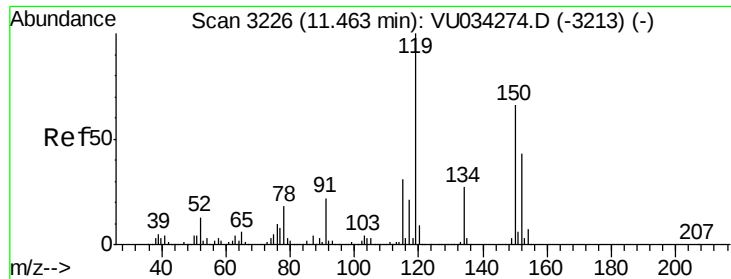
Ion 82.00 (81.70 to 82.70): VU034426.D (-2389) (-)

Ion 118.90 (118.60 to 119.60): VU034426.D (-2389) (-)



Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3225

Delta R.T. -0.00 min

Lab File: VU034426.D

Acq: 09 Sep 2019 12:26

Instrument :

MSVOA_U

ClientSampleId :

T12-G1-(2.7)

Tot Ion:152 Resp: 223830

Ion Ratio Lower Upper

152 100

115 55.4 39.1 117.3

150 160.5 0.0 345.4

