

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091019\
 Data File : VU034462.D
 Acq On : 10 Sep 2019 19:26
 Operator : JC/SP
 Sample : K4601-35
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T12-F1-(2.7)

Quant Time: Sep 11 07:10:17 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

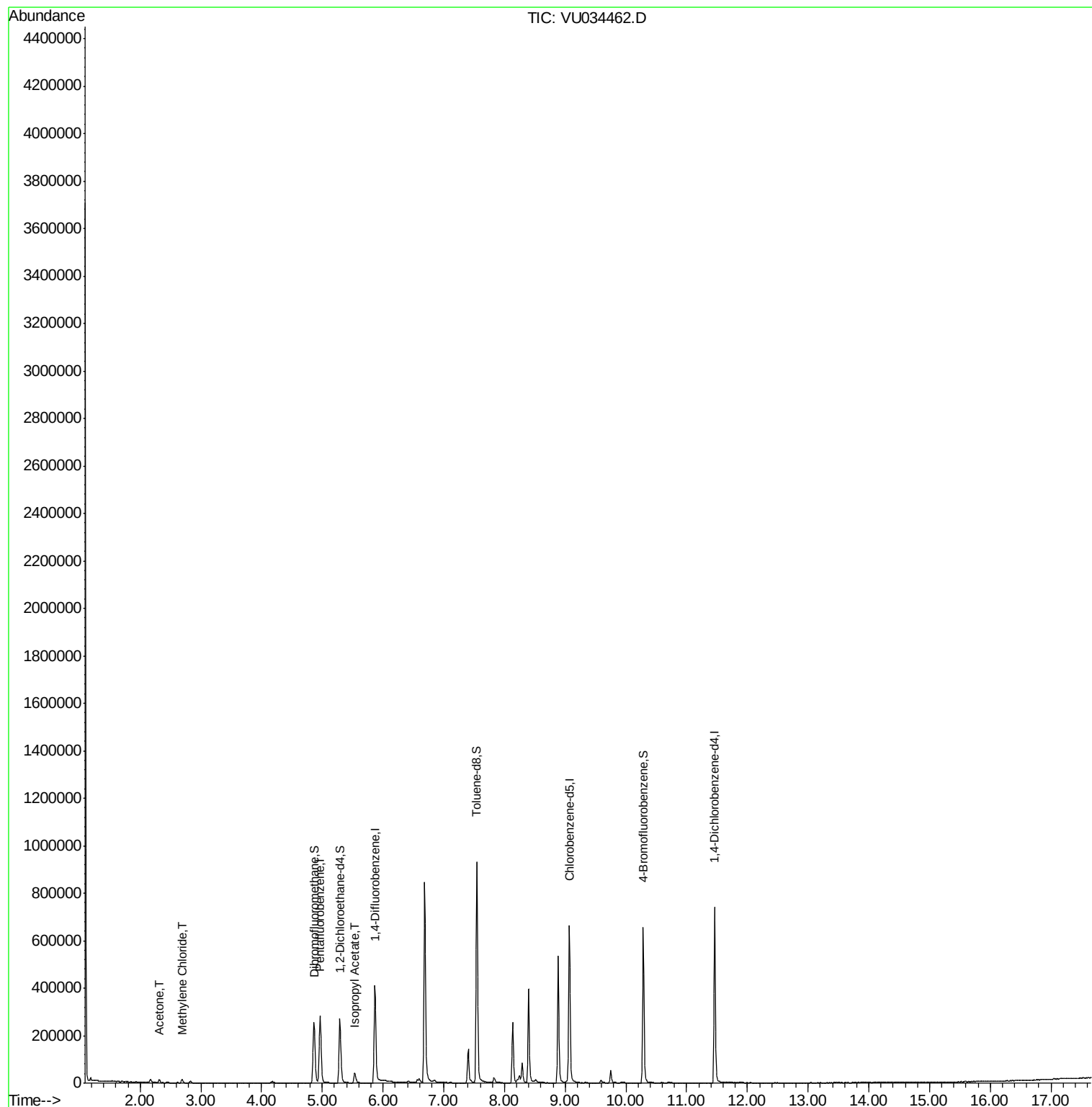
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	225973	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	367685	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	393068	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	213795	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	215208	62.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.88%	
35) Dibromofluoromethane	4.86	113	185254	54.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.30%	
50) Toluene-d8	7.55	98	656442	51.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.14%	
62) 4-Bromofluorobenzene	10.29	95	223273	44.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.98%	
Target Compounds						
16) Acetone	2.32	43	14802	8.366	ug/l	95
20) Methylene Chloride	2.69	84	7381	2.165	ug/l	94
43) Isopropyl Acetate	5.53	43	51243	6.967	ug/l	99

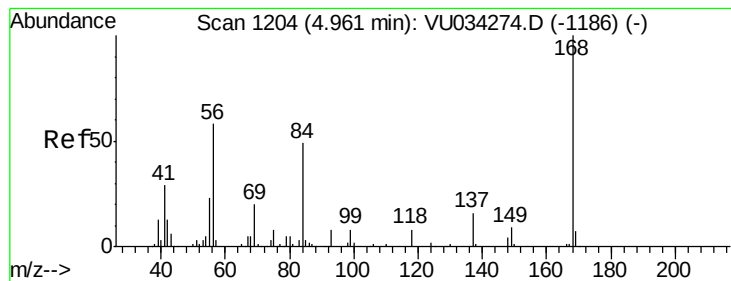
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034462.D

Acq: 10 Sep 2019 19:26

Instrument :

MSVOA_U

ClientSampleId :

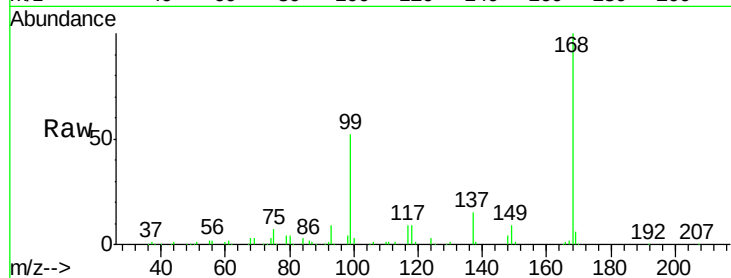
T12-F1-(2.7)

Tot Ion:168 Resp: 225973

Ion Ratio Lower Upper

168 100

99 51.7 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034462.D (-1111) (-)

Ion 98.90 (98.60 to 99.60): VU034462.D (-1111) (-)

4.96

100000

80000

60000

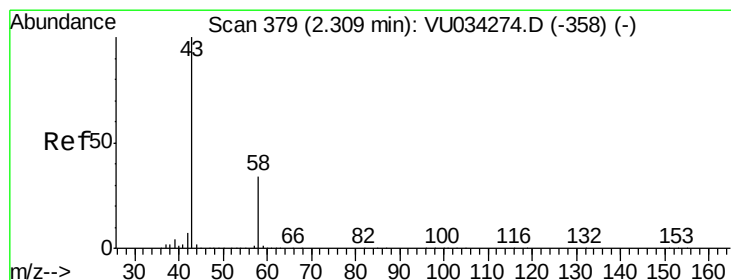
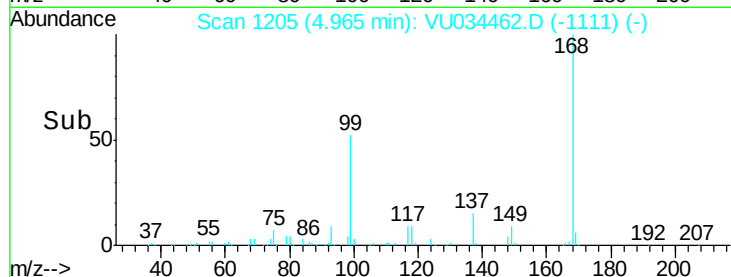
40000

20000

0

Time-->

4.85 4.90 4.95 5.00 5.05



#16

Acetone

Concen: 8.366 ug/l

RT: 2.32 min Scan# 381

Delta R.T. 0.01 min

Lab File: VU034462.D

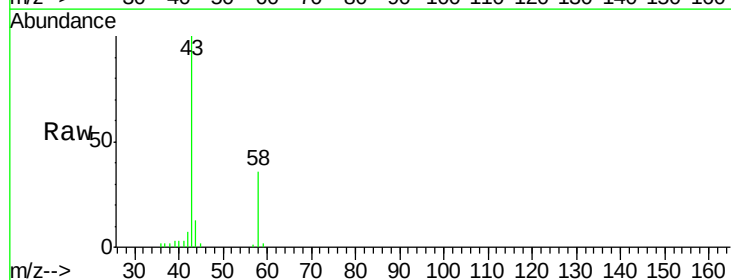
Acq: 10 Sep 2019 19:26

Tgt Ion: 43 Resp: 14802

Ion Ratio Lower Upper

43 100

58 37.2 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034462.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034462.D (-286) (-)

2.32

10000

8000

6000

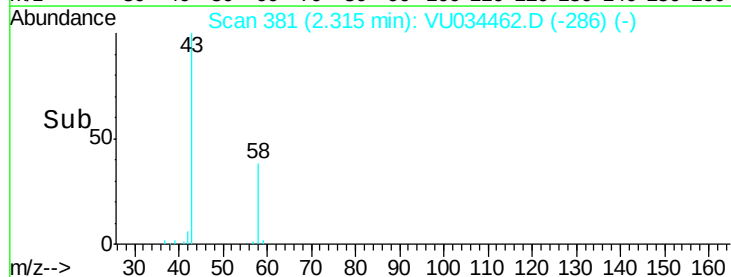
4000

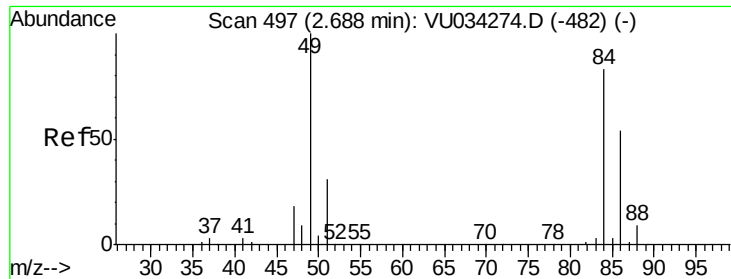
2000

0

Time-->

2.25 2.30 2.35 2.40



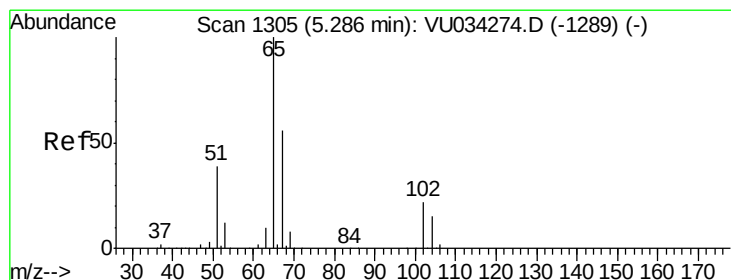
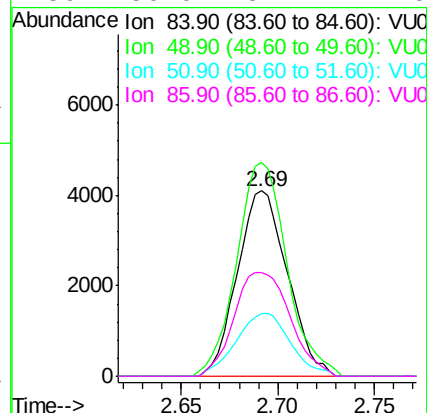
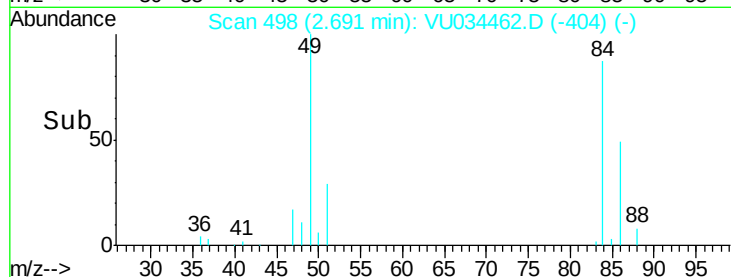
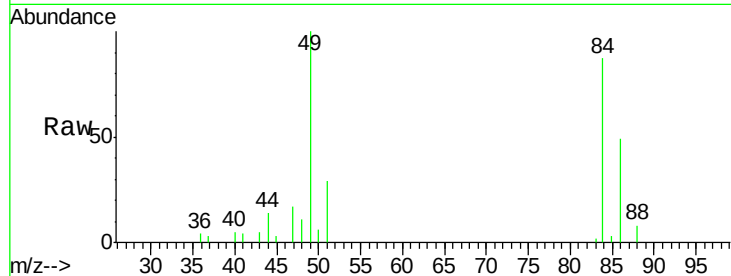


#20
Methylene Chloride
Concen: 2.165 ug/l
RT: 2.69 min Scan# 498
Delta R.T. 0.00 min
Lab File: VU034462.D
Acq: 10 Sep 2019 19:26

Instrument :
MSVOA_U
ClientSampleId :
T12-F1-(2.7)

Tot Ion: 84 Resp: 7381

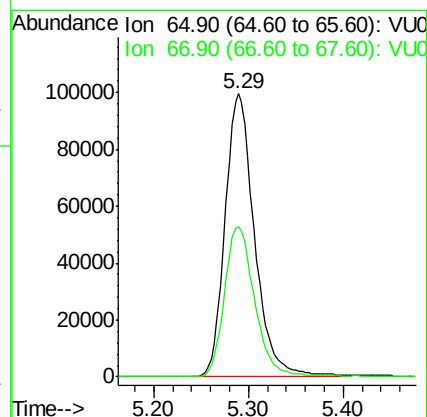
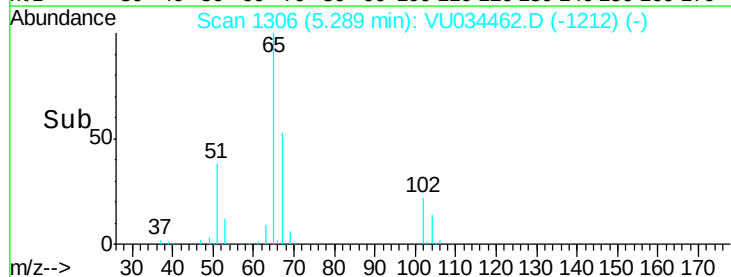
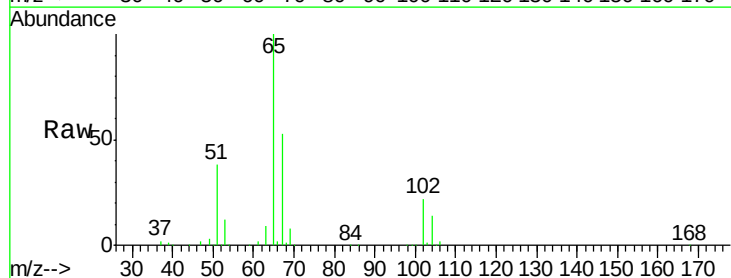
Ion	Ratio	Lower	Upper
84	100		
49	115.2	96.0	144.0
51	33.7	30.0	45.0
86	56.0	51.4	77.0

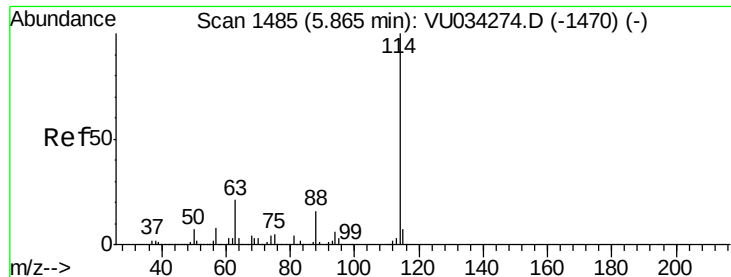


#33
1,2-Dichloroethane-d4
Concen: 62.944 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034462.D
Acq: 10 Sep 2019 19:26

Tgt Ion: 65 Resp: 215208

Ion	Ratio	Lower	Upper
65	100		
67	54.3	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: VU034462.D

Acq: 10 Sep 2019 19:26

Instrument :

MSVOA_U

ClientSampleId :

T12-F1-(2.7)

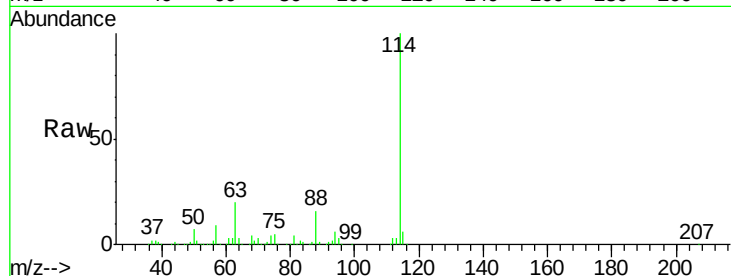
Tot Ion:114 Resp: 367685

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

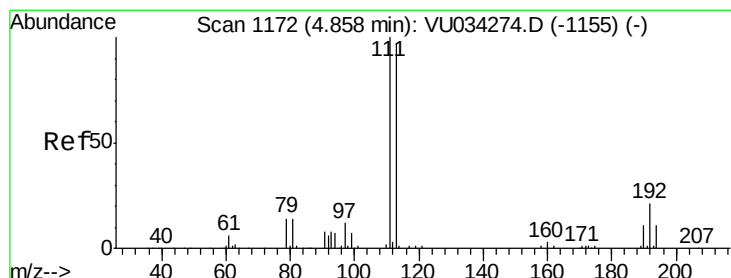
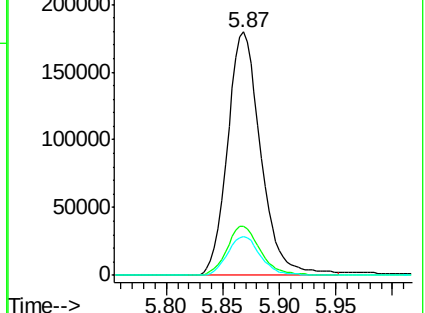
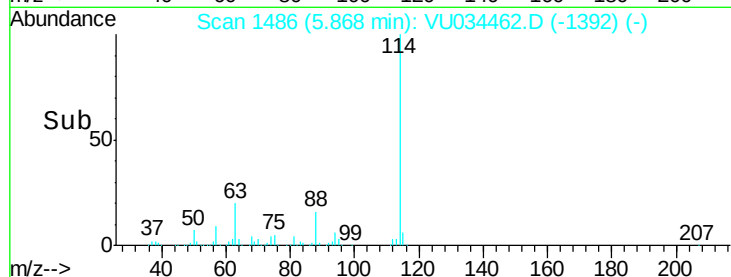
88 15.9 0.0 32.4



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: 54.147 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034462.D

Acq: 10 Sep 2019 19:26

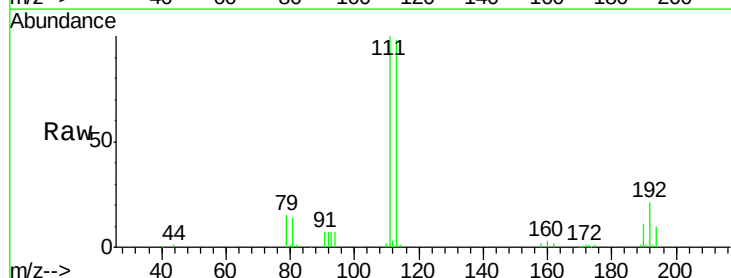
Tgt Ion:113 Resp: 185254

Ion Ratio Lower Upper

113 100

111 103.3 81.5 122.3

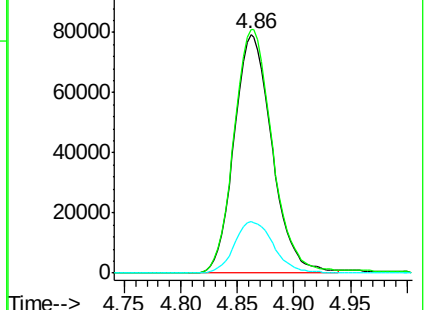
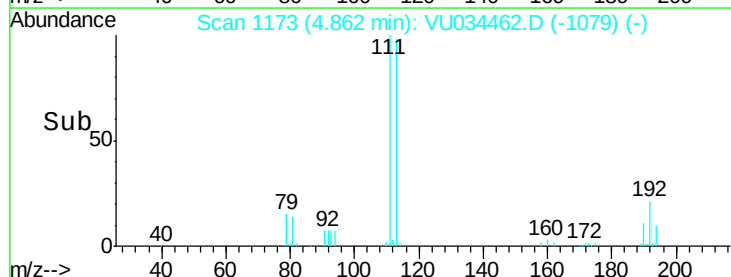
192 22.3 17.8 26.8

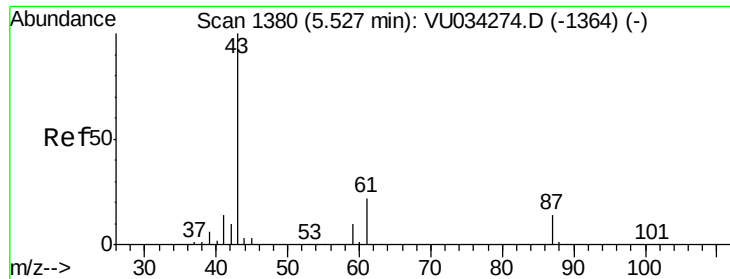


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 6.967 ug/l

RT: 5.53 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VU034462.D

Acq: 10 Sep 2019 19:26

Instrument :

MSVOA_U

ClientSampleId :

T12-F1-(2.7)

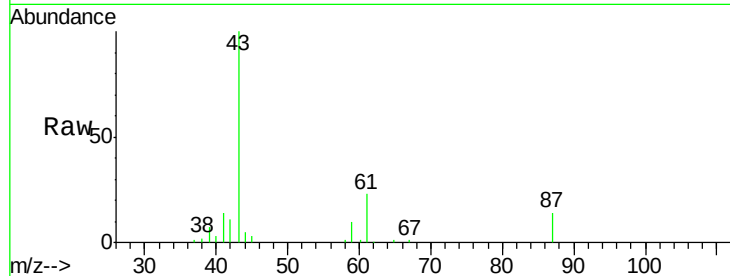
Tot Ion: 43 Resp: 51243

Ion Ratio Lower Upper

43 100

61 22.0 17.1 25.7

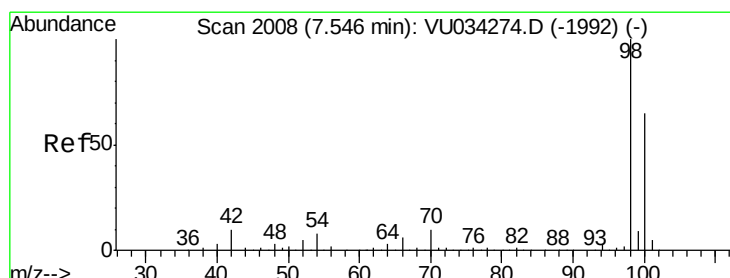
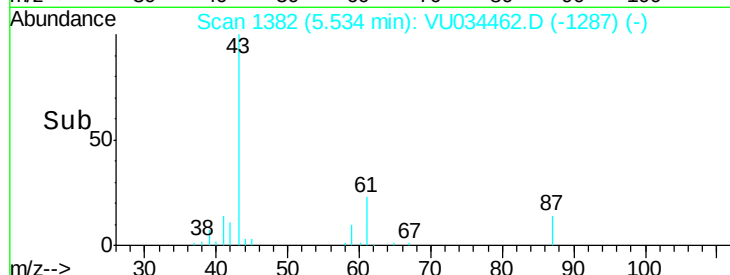
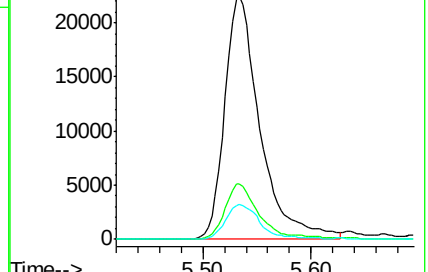
87 14.1 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VU034462.D (-1287) (-)

Ion 61.00 (60.70 to 61.70): VU034462.D (-1287) (-)

Ion 87.00 (86.70 to 87.70): VU034462.D (-1287) (-)



#50

Toluene-d8

Concen: 51.069 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034462.D

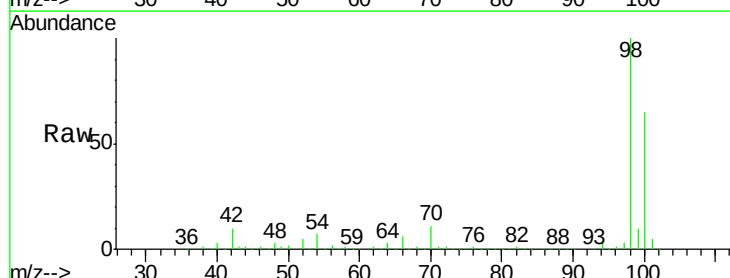
Acq: 10 Sep 2019 19:26

Tgt Ion: 98 Resp: 656442

Ion Ratio Lower Upper

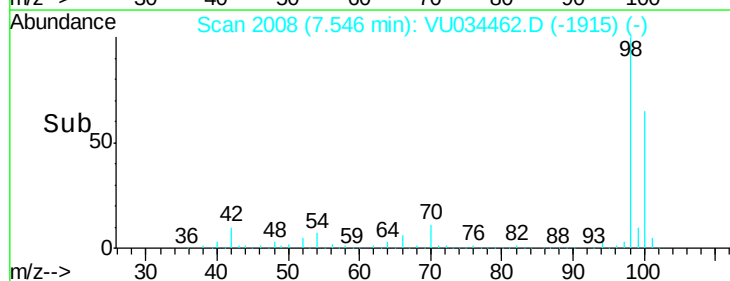
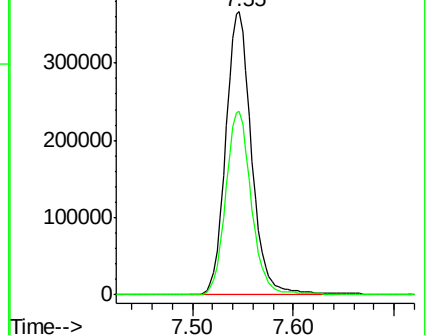
98 100

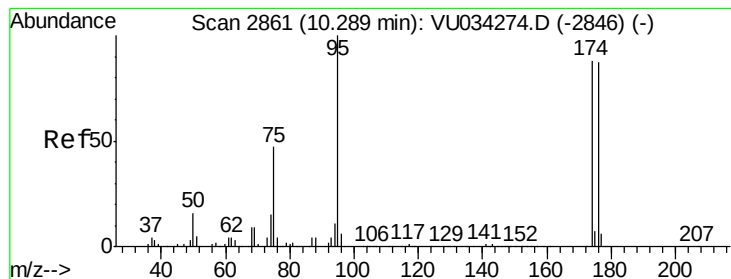
100 64.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VU034462.D (-1915) (-)

Ion 100.00 (99.70 to 100.70): VU034462.D (-1915) (-)





#62

4-Bromofluorobenzene

Concen: 44.989 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034462.D

Acq: 10 Sep 2019 19:26

Instrument :

MSVOA_U

ClientSampleId :

T12-F1-(2.7)

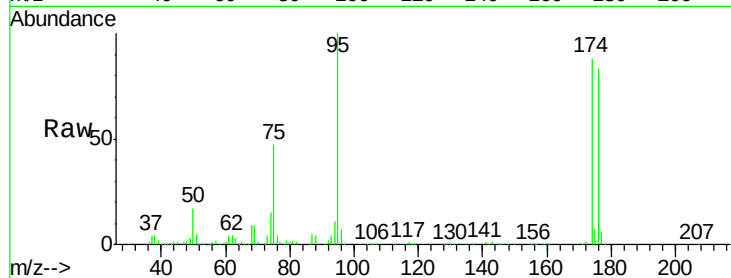
Tot Ion: 95 Resp: 223273

Ion Ratio Lower Upper

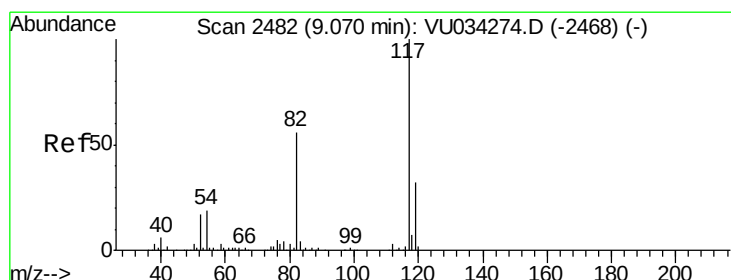
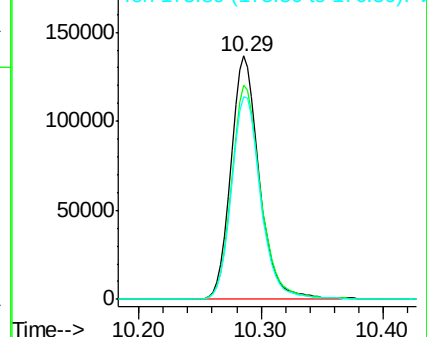
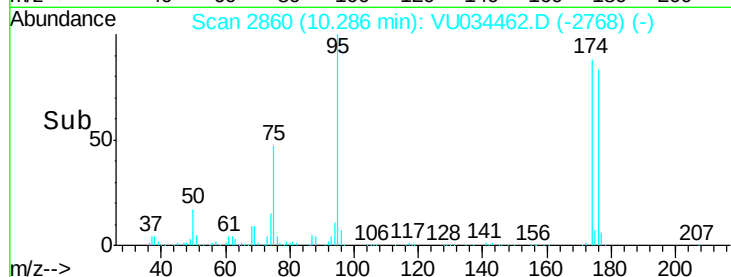
95 100

174 90.7 0.0 175.2

176 85.4 0.0 168.0



Abundance Ion 94.90 (94.60 to 95.60): VU034462.D (-2768) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2481

Delta R.T. -0.00 min

Lab File: VU034462.D

Acq: 10 Sep 2019 19:26

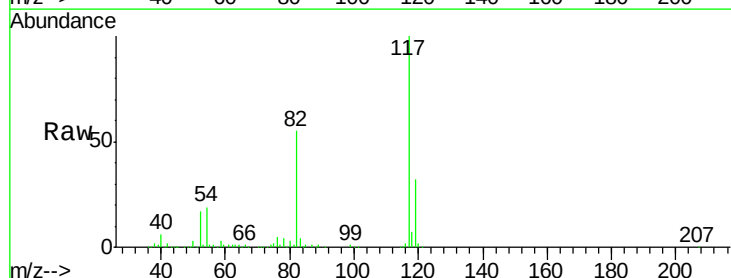
Tgt Ion: 117 Resp: 393068

Ion Ratio Lower Upper

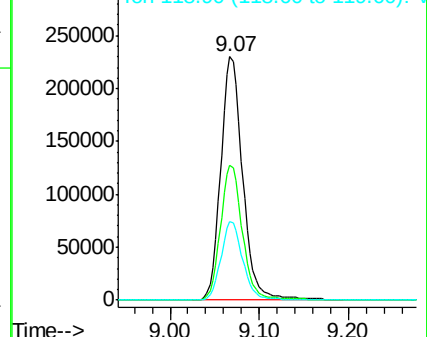
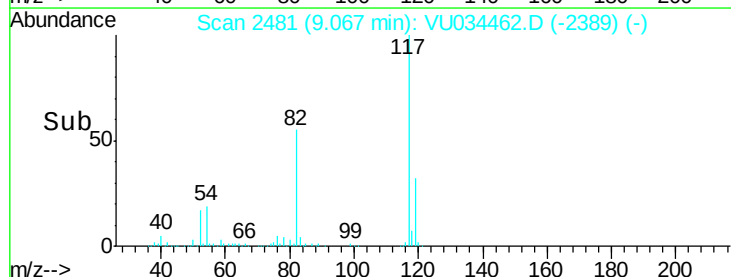
117 100

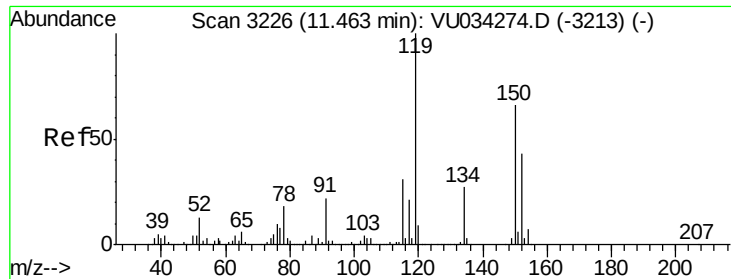
82 55.4 44.6 67.0

119 32.2 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): VU034462.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: VU034462.D

Acq: 10 Sep 2019 19:26

Instrument :

MSVOA_U

ClientSampleId :

T12-F1-(2.7)

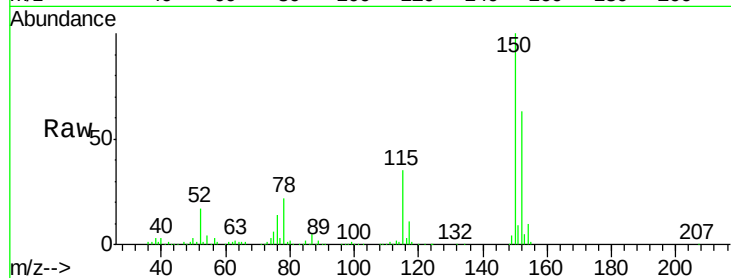
Tot Ion:152 Resp: 213795

Ion Ratio Lower Upper

152 100

115 55.5 39.1 117.3

150 156.5 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

