

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091219\
 Data File : VU034488.D
 Acq On : 11 Sep 2019 20:38
 Operator : JC/SP
 Sample : K4643-27
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T11-B2-(4)

Quant Time: Sep 12 05:39:54 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

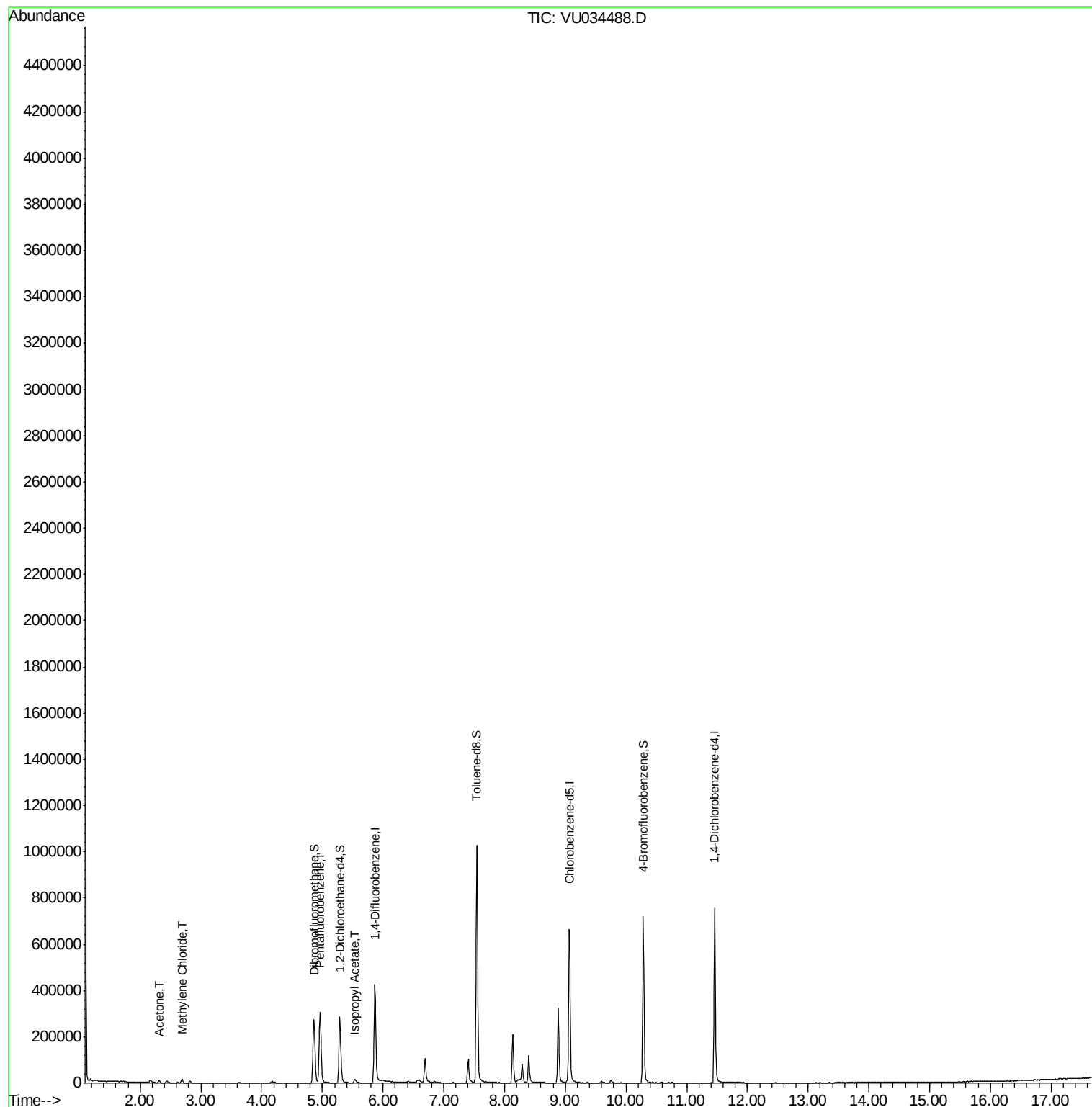
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	253737	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	383295	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	402187	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	222252	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	227867	59.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.70%	
35) Dibromofluoromethane	4.86	113	198289	55.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.20%	
50) Toluene-d8	7.55	98	726489	54.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.44%	
62) 4-Bromofluorobenzene	10.29	95	246062	47.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.12%	
Target Compounds						
16) Acetone	2.31	43	10419	5.244	ug/l	95
20) Methylene Chloride	2.69	84	7866	2.034	ug/l	96
43) Isopropyl Acetate	5.54	43	18944	2.471	ug/l	99

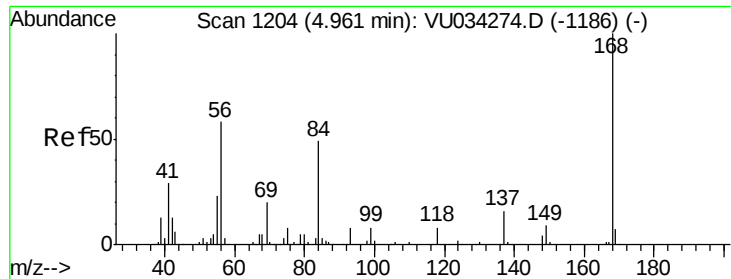
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034488.D

Acq: 11 Sep 2019 20:38

Instrument :

MSVOA_U

ClientSampleId :

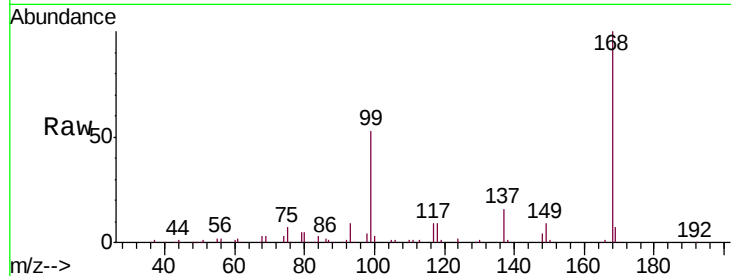
T11-B2-(4)

Tgt Ion:168 Resp: 253737

Ion Ratio Lower Upper

168 100

99 52.5 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034488.D (-1111) (-)

Ion 98.90 (98.60 to 99.60): VU034488.D (-1111) (-)

4.96

120000

100000

80000

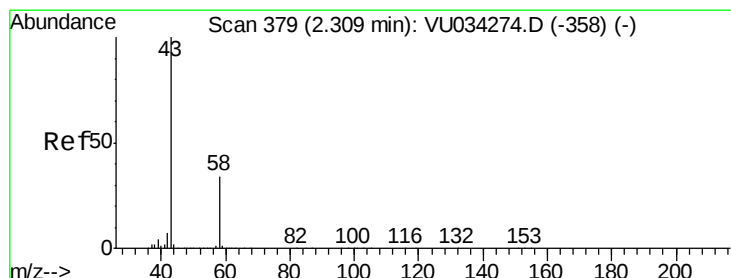
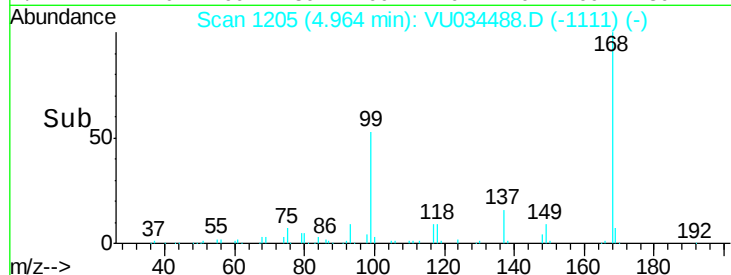
60000

40000

20000

0

Time--> 4.80 4.90 5.00 5.10 5.20



#16

Acetone

Concen: 5.244 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034488.D

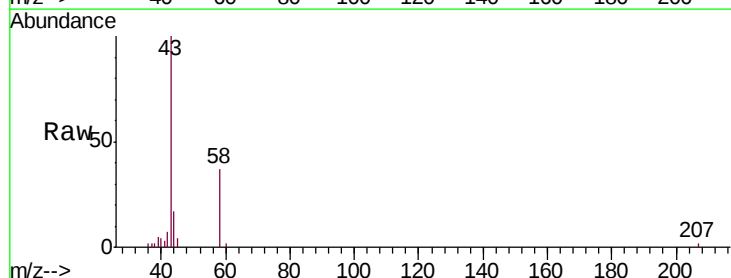
Acq: 11 Sep 2019 20:38

Tgt Ion: 43 Resp: 10419

Ion Ratio Lower Upper

43 100

58 37.5 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034488.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034488.D (-286) (-)

2.31

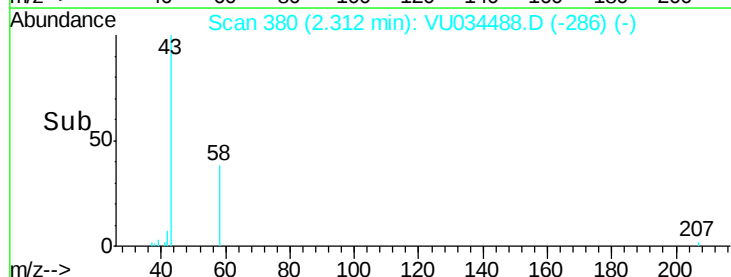
6000

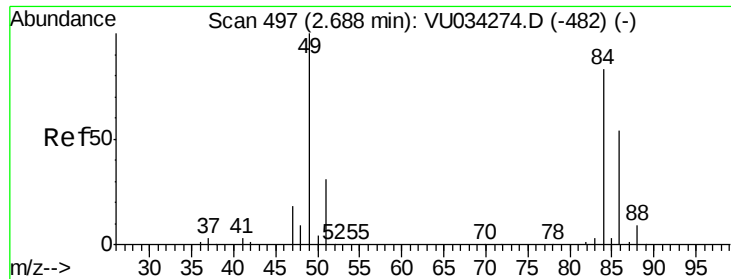
4000

2000

0

Time--> 2.25 2.30 2.35 2.40

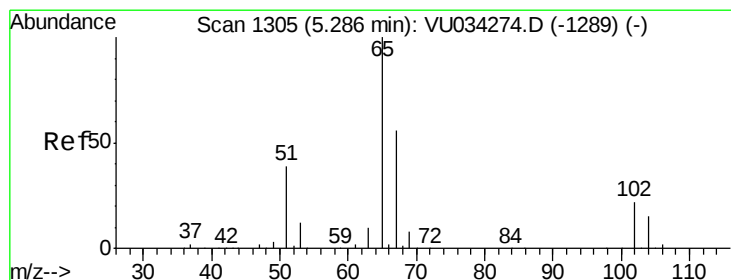
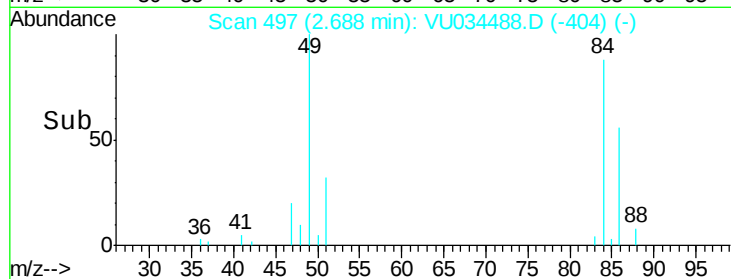
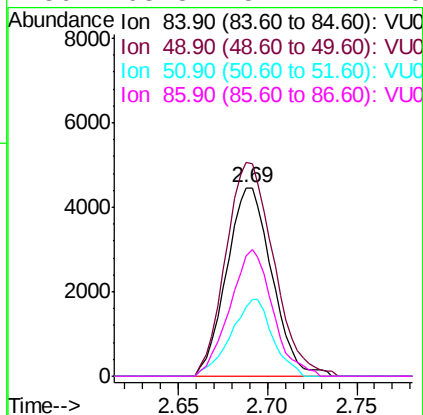
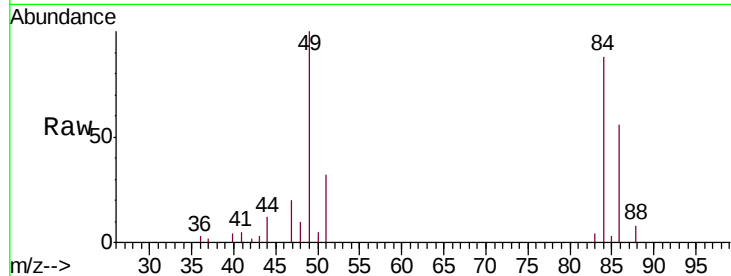




#20
Methylene Chloride
Concen: 2.034 ug/l
RT: 2.69 min Scan# 497
Delta R.T. -0.00 min
Lab File: VU034488.D
Acq: 11 Sep 2019 20:38

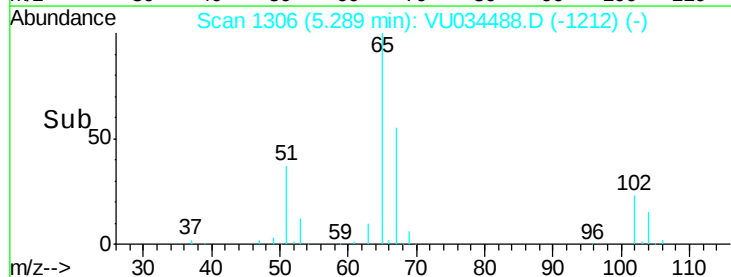
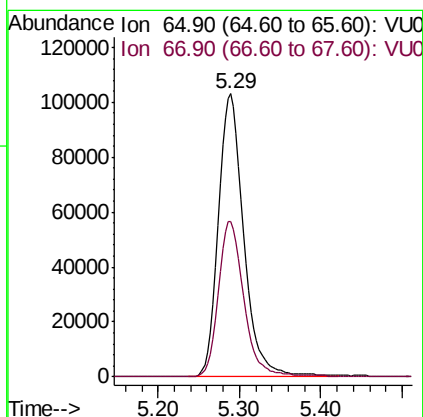
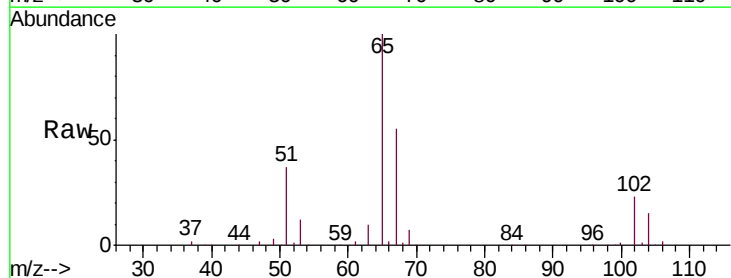
Instrument :
MSVOA_U
ClientSampleId :
T11-B2-(4)

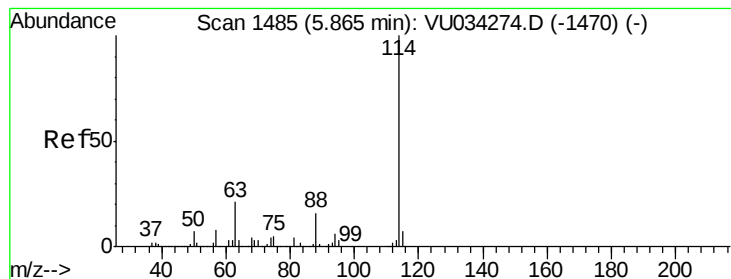
Tgt Ion:	84	Resp:	7866
Ion	Ratio	Lower	Upper
84	100		
49	113.1	96.0	144.0
51	36.5	30.0	45.0
86	63.8	51.4	77.0



#33
1,2-Dichloroethane-d4
Concen: 59.354 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034488.D
Acq: 11 Sep 2019 20:38

Tgt Ion:	65	Resp:	227867
Ion	Ratio	Lower	Upper
65	100		
67	55.0	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: VU034488.D

Acq: 11 Sep 2019 20:38

Instrument :

MSVOA_U

ClientSampleId :

T11-B2-(4)

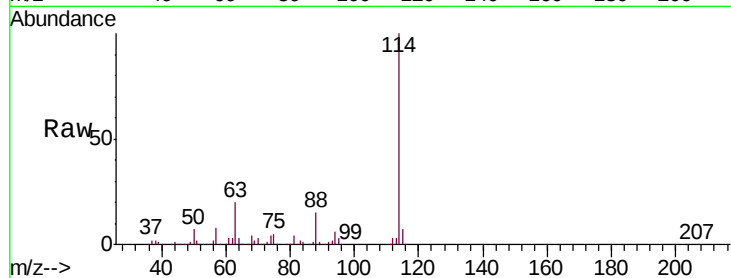
Tgt Ion:114 Resp: 383295

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

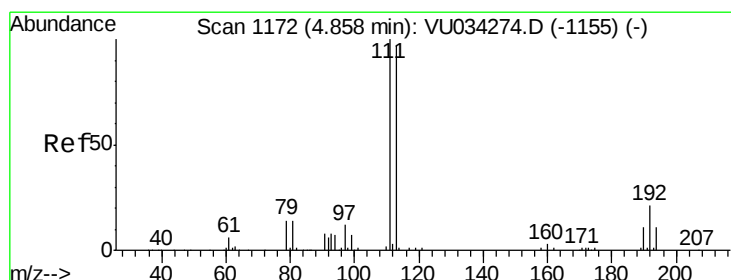
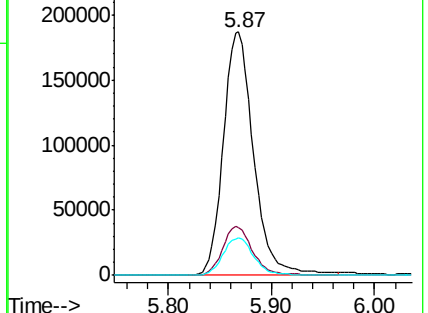
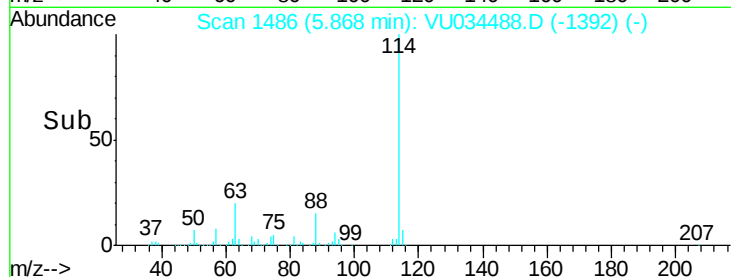
88 15.3 0.0 32.4



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: 55.597 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034488.D

Acq: 11 Sep 2019 20:38

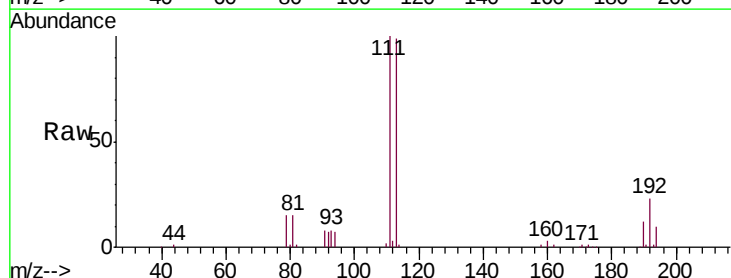
Tgt Ion:113 Resp: 198289

Ion Ratio Lower Upper

113 100

111 101.6 81.5 122.3

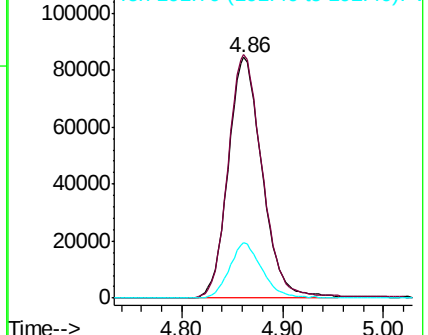
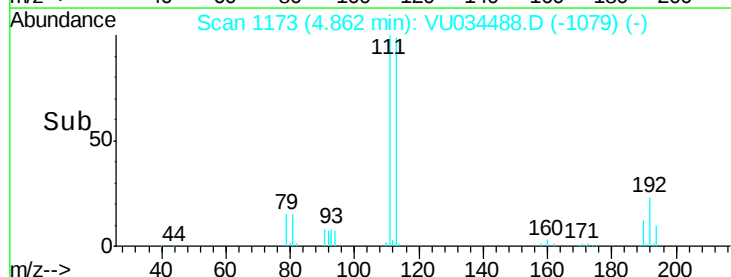
192 22.3 17.8 26.8

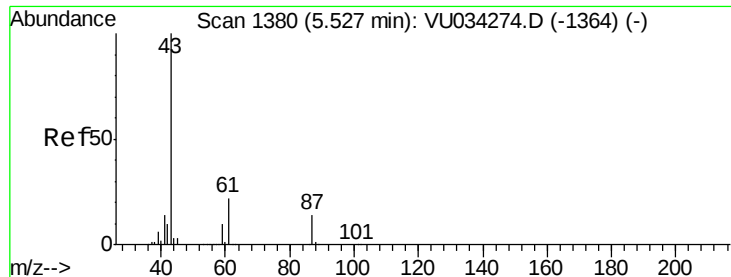


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.471 ug/l

RT: 5.54 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VU034488.D

Acq: 11 Sep 2019 20:38

Instrument :

MSVOA_U

ClientSampleId :

T11-B2-(4)

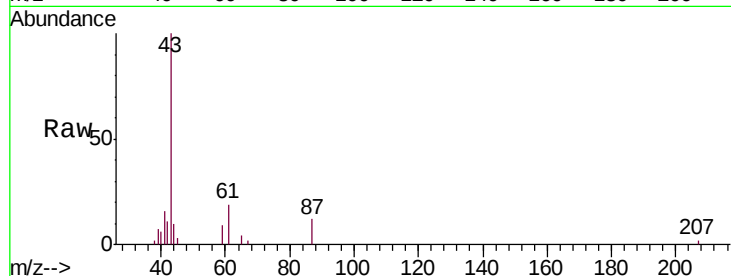
Tgt Ion: 43 Resp: 18944

Ion Ratio Lower Upper

43 100

61 20.9 17.1 25.7

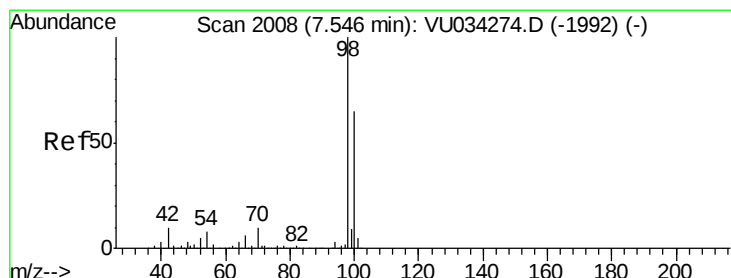
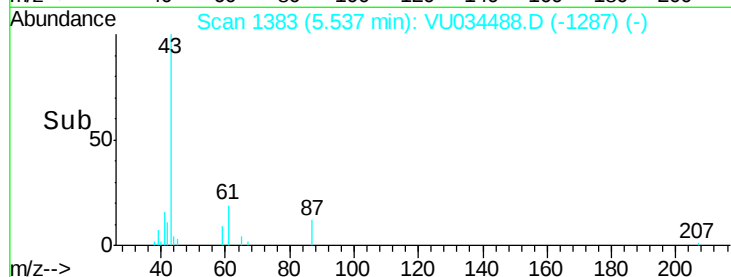
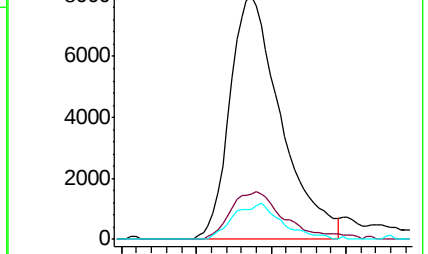
87 14.1 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VU034488.D (-1287) (-)

Ion 61.00 (60.70 to 61.70): VU034488.D (-1287) (-)

Ion 87.00 (86.70 to 87.70): VU034488.D (-1287) (-)



#50

Toluene-d8

Concen: 54.217 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU034488.D

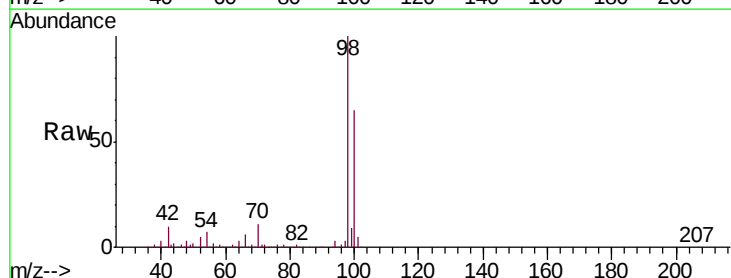
Acq: 11 Sep 2019 20:38

Tgt Ion: 98 Resp: 726489

Ion Ratio Lower Upper

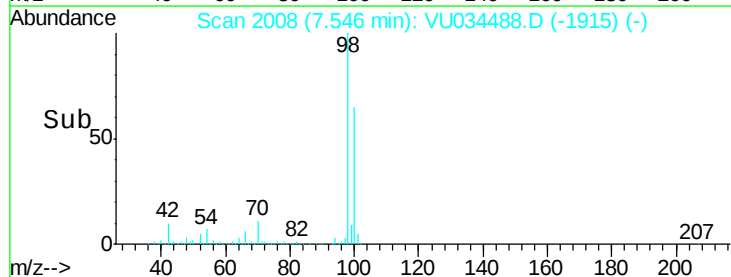
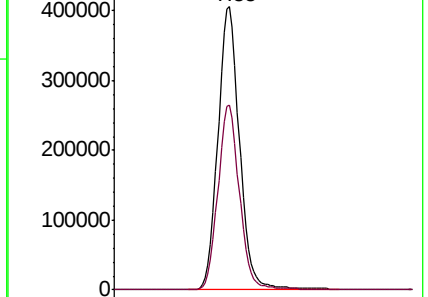
98 100

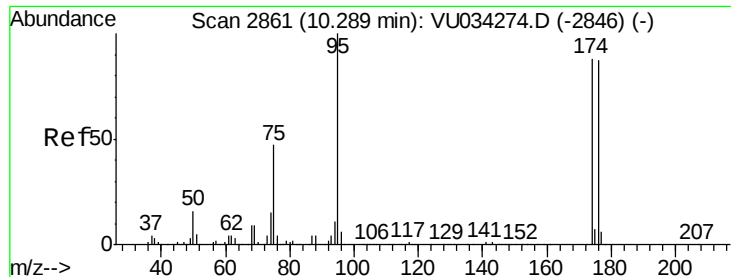
100 64.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VU034488.D (-1915) (-)

Ion 100.00 (99.70 to 100.70): VU034488.D (-1915) (-)

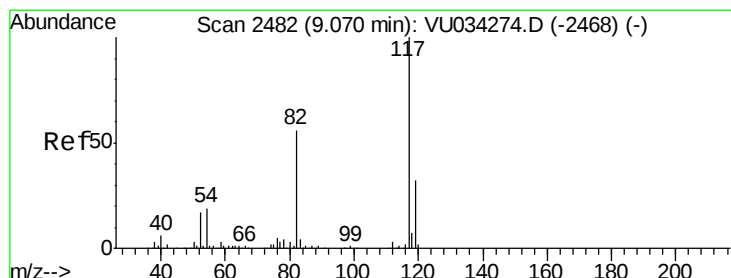
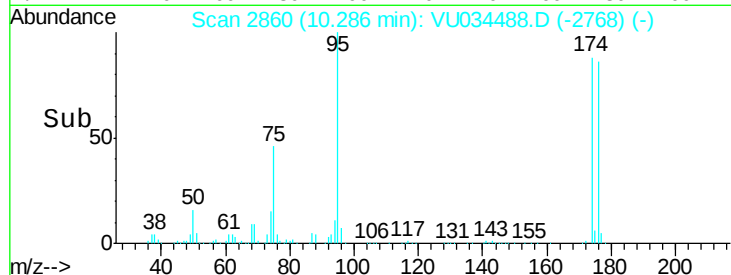
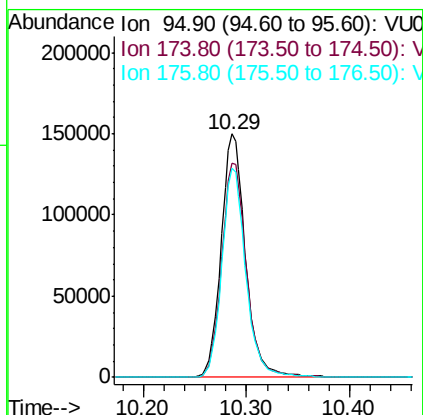
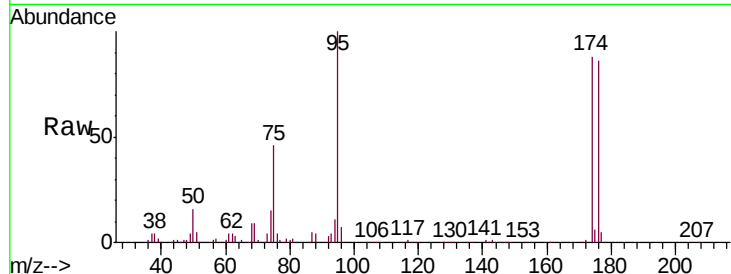




#62
4-Bromofluorobenzene
Concen: 47.562 ug/l
RT: 10.29 min Scan# 2860
Delta R.T. -0.00 min
Lab File: VU034488.D
Acq: 11 Sep 2019 20:38

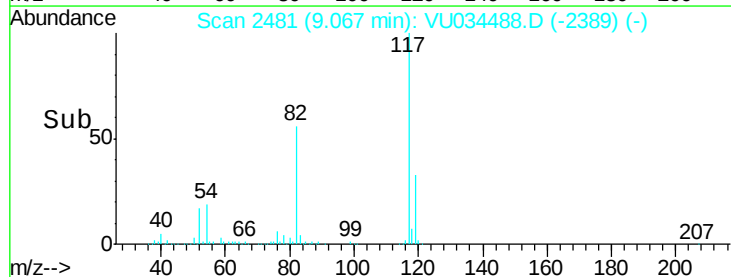
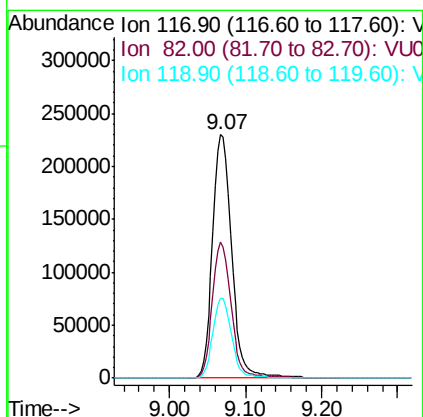
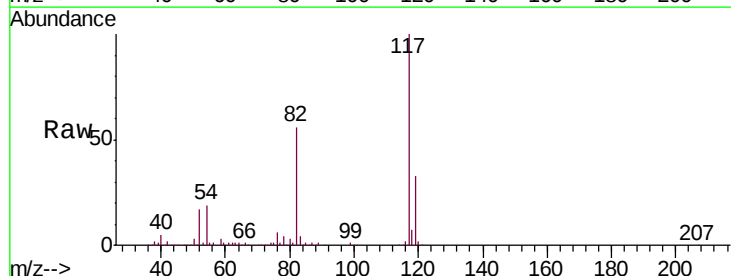
Instrument :
MSVOA_U
ClientSampleId :
T11-B2-(4)

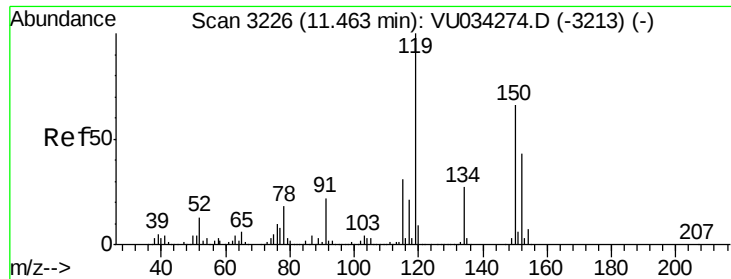
Tgt Ion: 95 Resp: 246062
Ion Ratio Lower Upper
95 100
174 90.0 0.0 175.2
176 85.1 0.0 168.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2481
Delta R.T. -0.00 min
Lab File: VU034488.D
Acq: 11 Sep 2019 20:38

Tgt Ion: 117 Resp: 402187
Ion Ratio Lower Upper
117 100
82 55.7 44.6 67.0
119 33.0 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: VU034488.D

Acq: 11 Sep 2019 20:38

Instrument :

MSVOA_U

ClientSampleId :

T11-B2-(4)

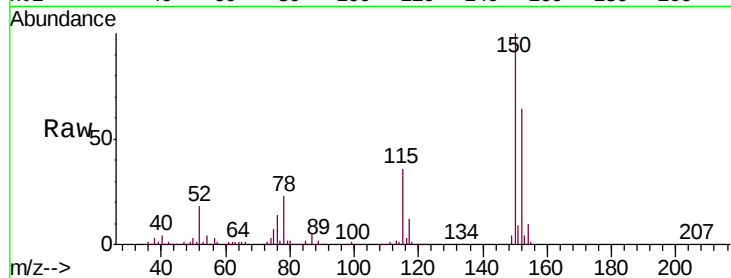
Tgt Ion:152 Resp: 222252

Ion Ratio Lower Upper

152 100

115 55.5 39.1 117.3

150 155.7 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

