

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082919\
 Data File : VU034041.D
 Acq On : 28 Aug 2019 22:21
 Operator : JC/SP
 Sample : K4525-31
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T9-12-13-B1-(0)

Quant Time: Aug 29 05:24:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 2019
 Response via : Initial Calibration

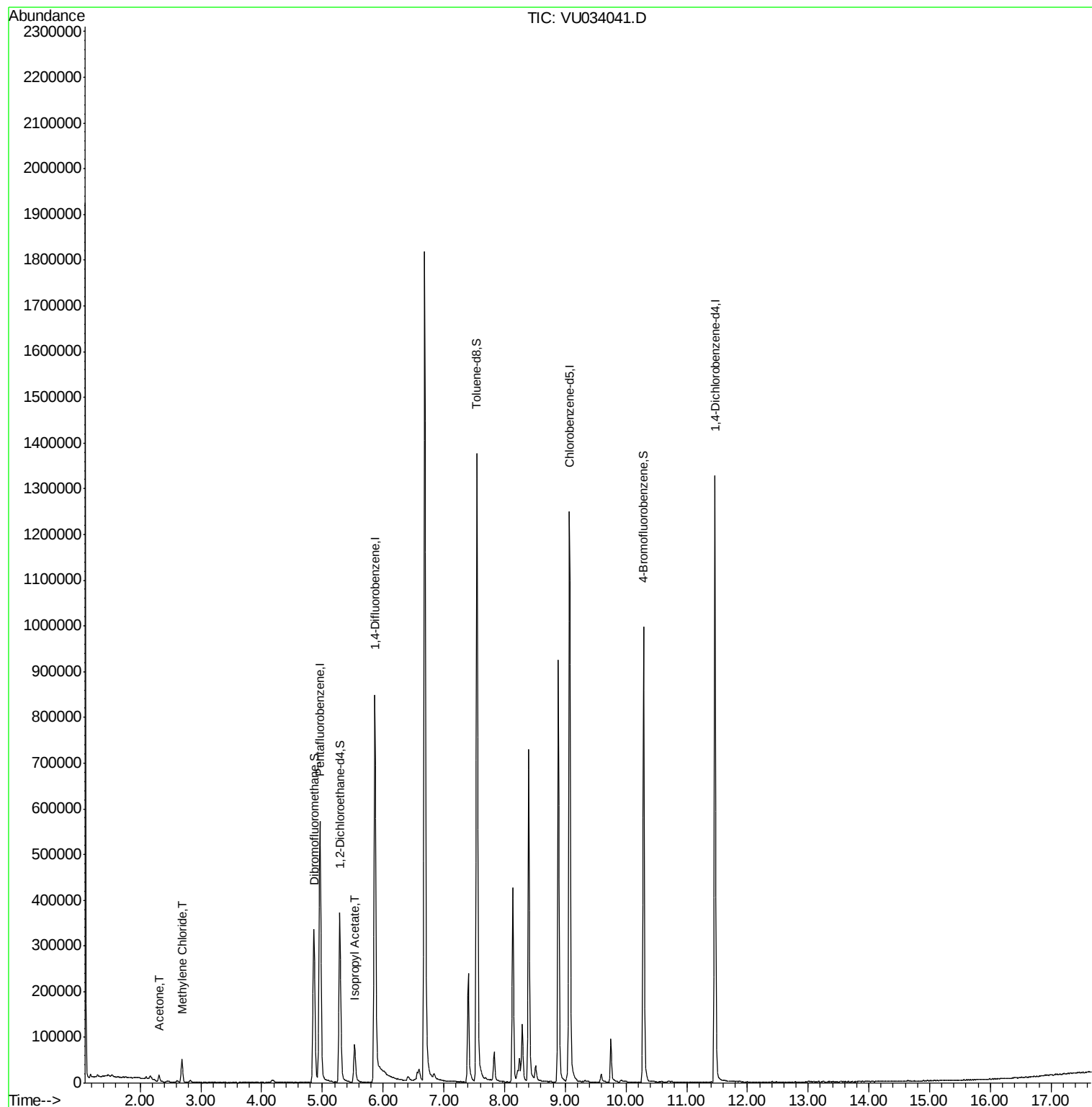
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	460791	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	735159	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	730360	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	360833	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	292693	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.14%	
35) Dibromofluoromethane	4.86	113	242842	47.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.26%	
50) Toluene-d8	7.55	98	965203	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.10%	
62) 4-Bromofluorobenzene	10.29	95	337350	45.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.84%	
Target Compounds						
16) Acetone	2.31	43	15765	5.233	ug/l	99
20) Methylene Chloride	2.69	84	22168	3.887	ug/l	97
43) Isopropyl Acetate	5.53	43	97465	8.227	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# 1204

Delta R.T. 0.00 min

Lab File: VU034041.D

Acq: 28 Aug 2019 22:21

Instrument :

MSVOA_U

ClientSampleId :

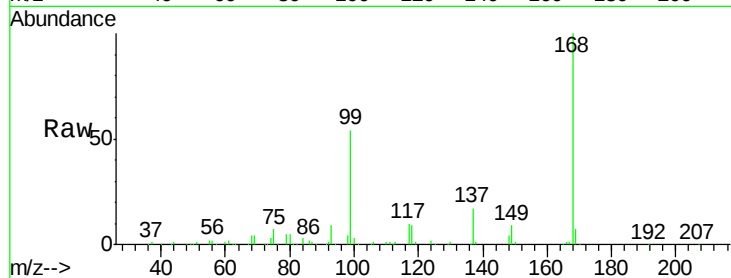
T9-12-13-B1-(0)

Tot Ion:168 Resp: 460791

Ion Ratio Lower Upper

168 100

99 54.2 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034041.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU034041.D (-1185) (-)

4.96

200000

150000

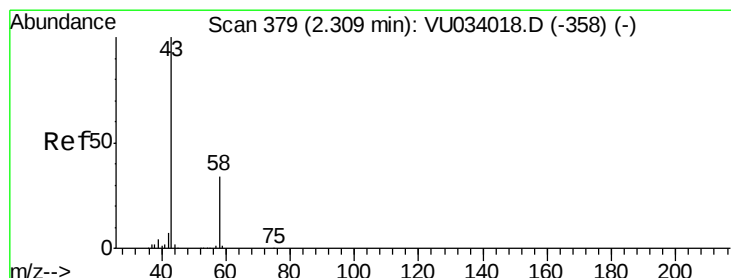
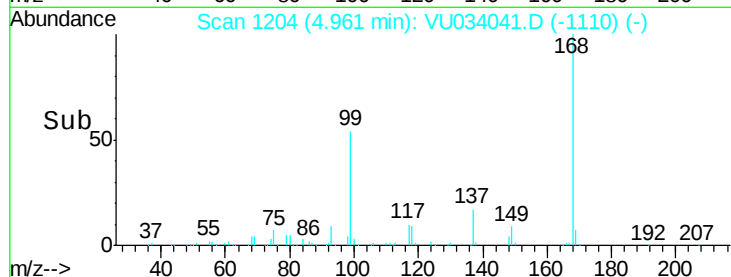
100000

50000

0

Time-->

4.90 5.00 5.10



#16

Acetone

Concen: 5.233 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034041.D

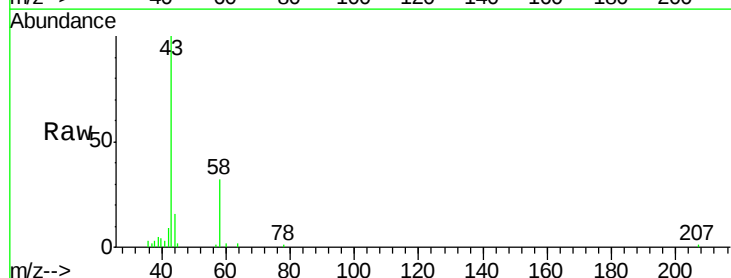
Acq: 28 Aug 2019 22:21

Tgt Ion: 43 Resp: 15765

Ion Ratio Lower Upper

43 100

58 32.7 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VU034041.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034041.D (-286) (-)

2.31

10000

8000

6000

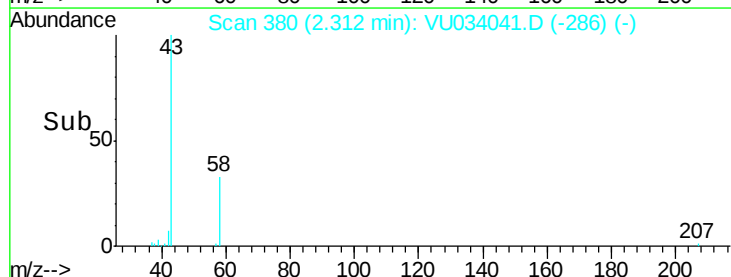
4000

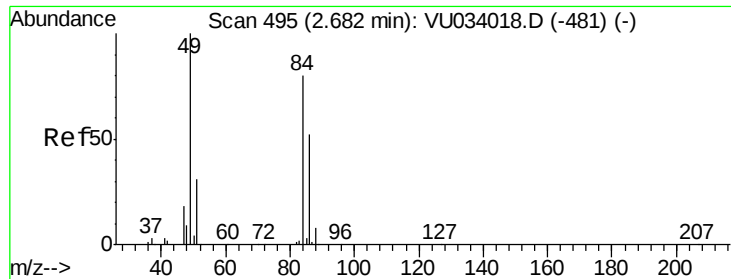
2000

0

Time-->

2.25 2.30 2.35 2.40

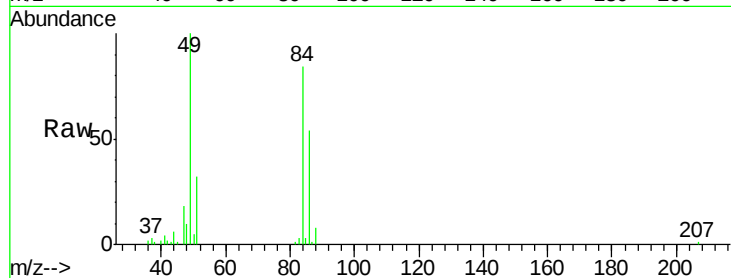




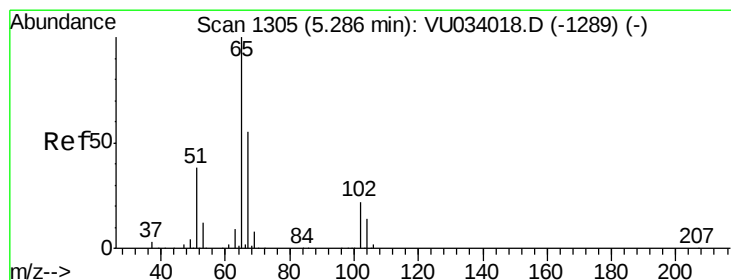
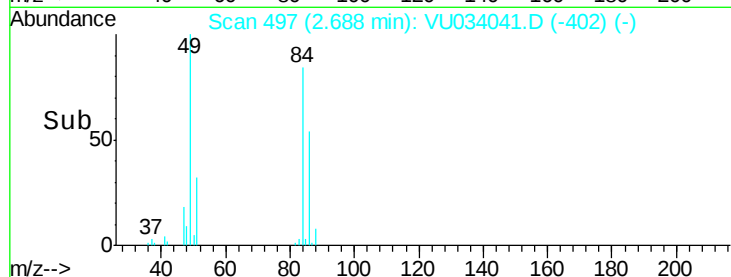
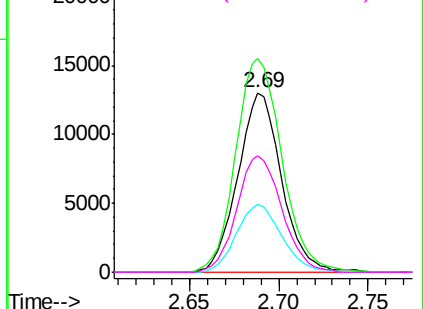
#20
Methvlene Chloride
Concen: 3.887 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.01 min
Lab File: VU034041.D
Acq: 28 Aug 2019 22:21

Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-B1-(0)

Tot Ion:	84	Resp:	22168
Ion	Ratio	Lower	Upper
84	100		
49	119.2	100.2	150.4
51	37.6	30.8	46.2
86	64.9	52.5	78.7

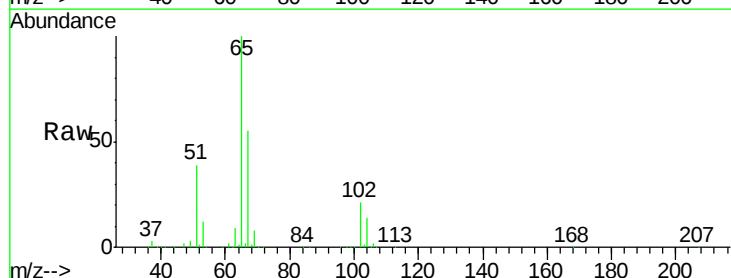


Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0

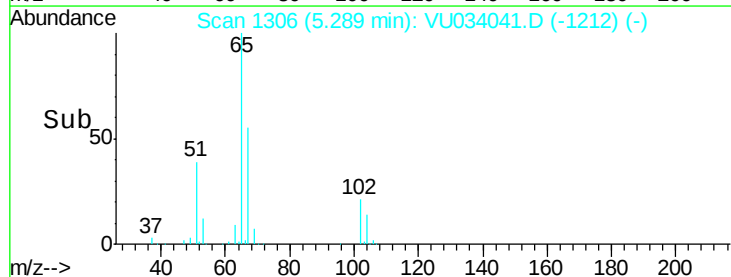
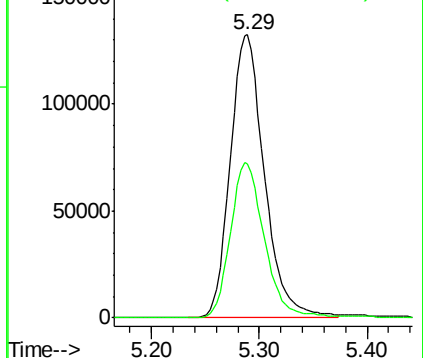


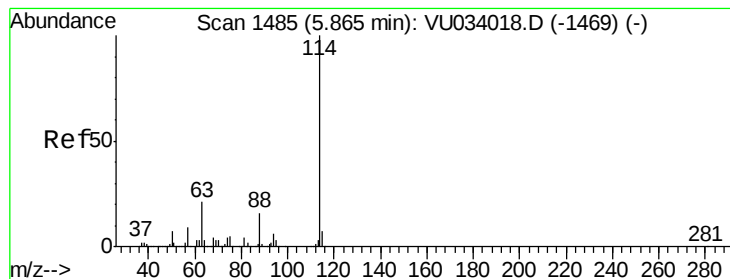
#33
1,2-Dichloroethane-d4
Concen: 49.573 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034041.D
Acq: 28 Aug 2019 22:21

Tgt Ion:	65	Resp:	292693
Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	110.6



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: 5.86 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VU034041.D

Acq: 28 Aug 2019 22:21

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-B1-(0)

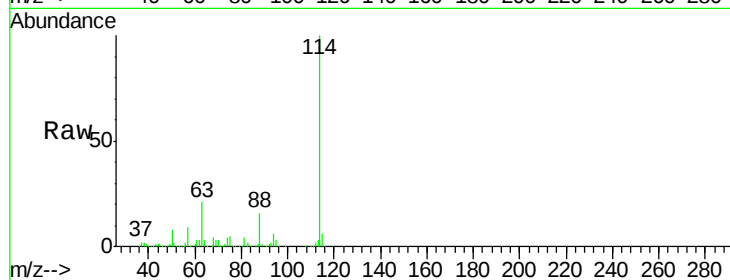
Tot Ion:114 Resp: 735159

Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.0

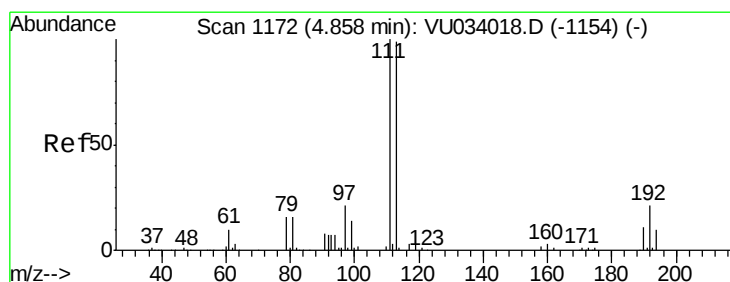
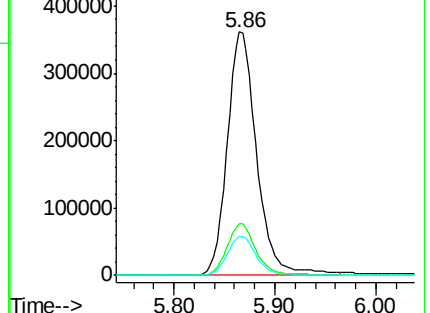
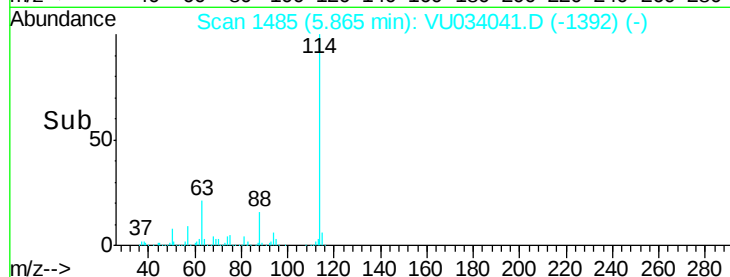
88 16.2 0.0 32.0



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: 47.625 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034041.D

Acq: 28 Aug 2019 22:21

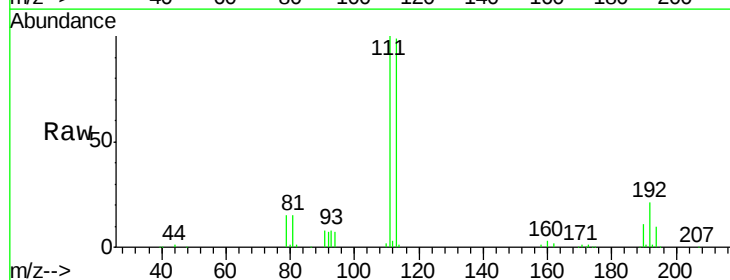
Tgt Ion:113 Resp: 242842

Ion Ratio Lower Upper

113 100

111 101.5 81.7 122.5

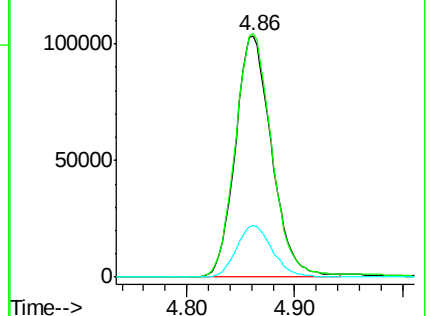
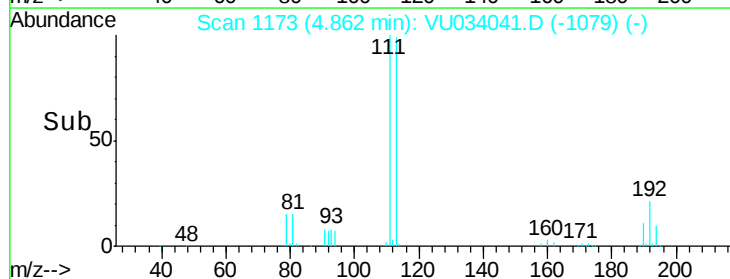
192 21.0 17.1 25.7

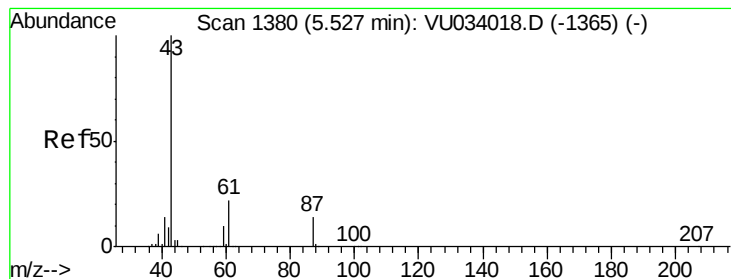


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 8.227 ug/l

RT: 5.53 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VU034041.D

Acq: 28 Aug 2019 22:21

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-B1-(0)

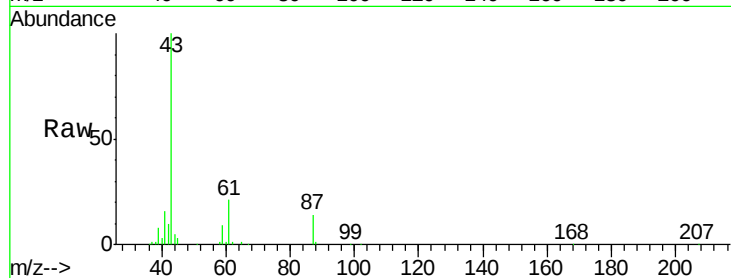
Tot Ion: 43 Resp: 97465

Ion Ratio Lower Upper

43 100

61 20.5 17.2 25.8

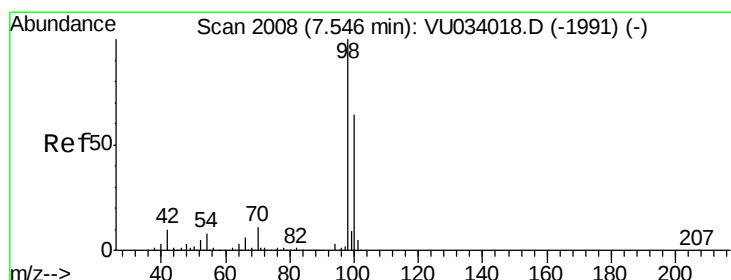
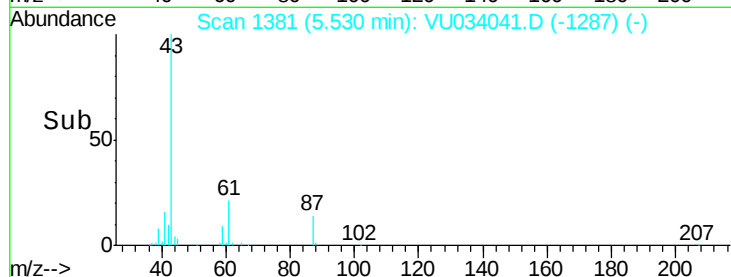
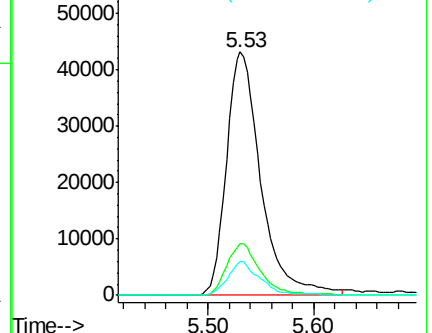
87 13.1 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VU034041.D (-1380) (-)

Ion 61.00 (60.70 to 61.70): VU034041.D (-1380) (-)

Ion 87.00 (86.70 to 87.70): VU034041.D (-1380) (-)



#50

Toluene-d8

Concen: 50.554 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034041.D

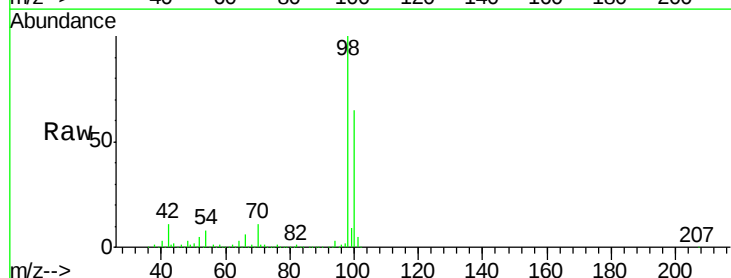
Acq: 28 Aug 2019 22:21

Tgt Ion: 98 Resp: 965203

Ion Ratio Lower Upper

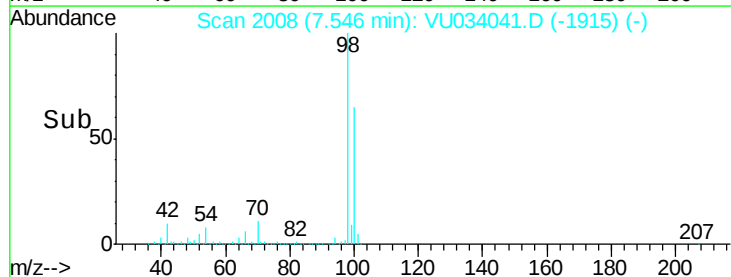
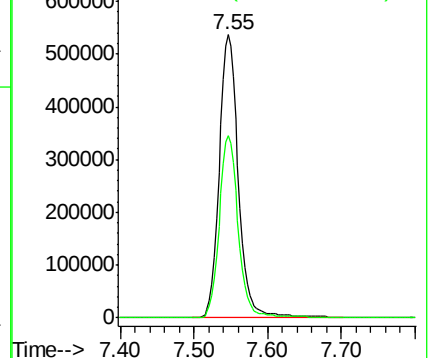
98 100

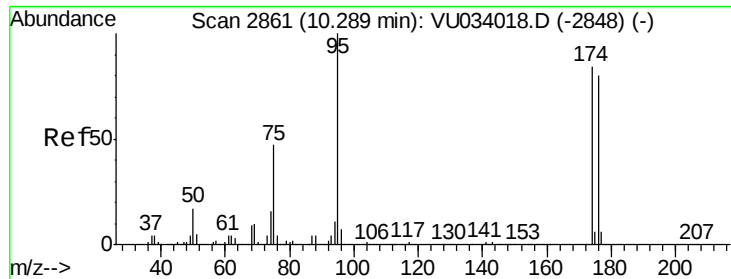
100 64.0 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VU034041.D (-2007) (-)

Ion 100.00 (99.70 to 100.70): VU034041.D (-2007) (-)

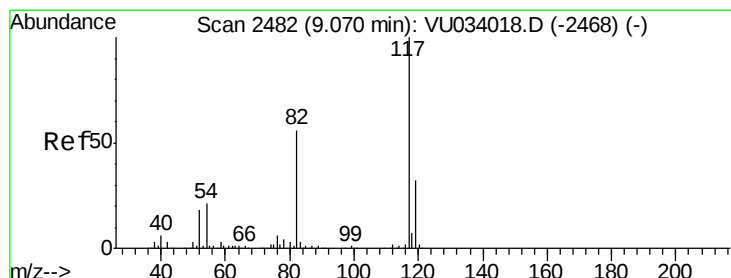
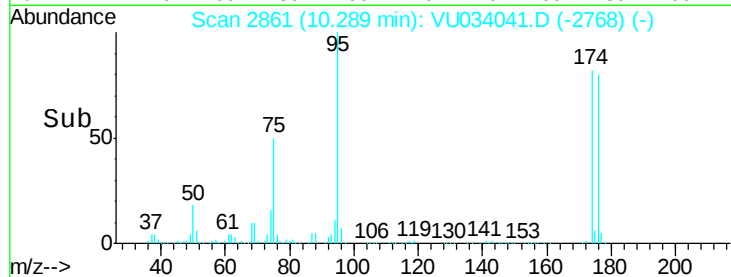
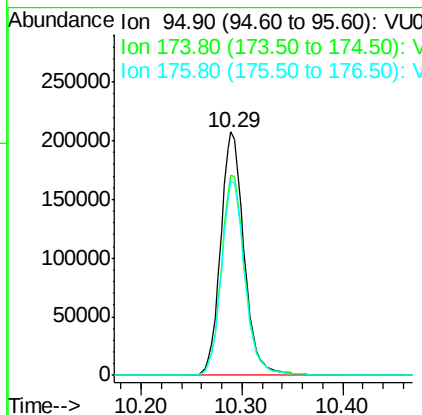
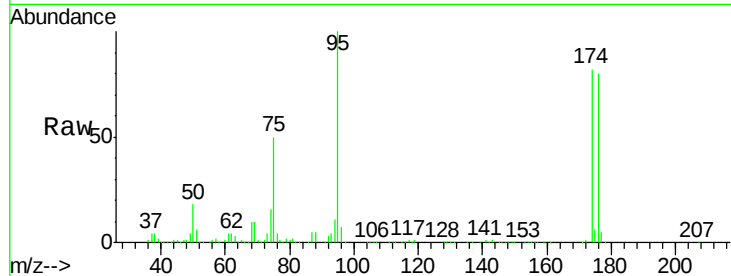




#62
4-Bromofluorobenzene
Concen: 45.423 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU034041.D
Acq: 28 Aug 2019 22:21

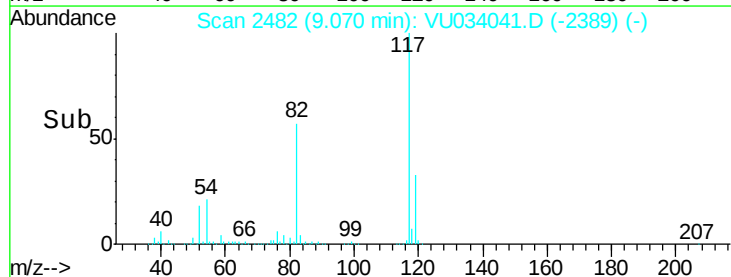
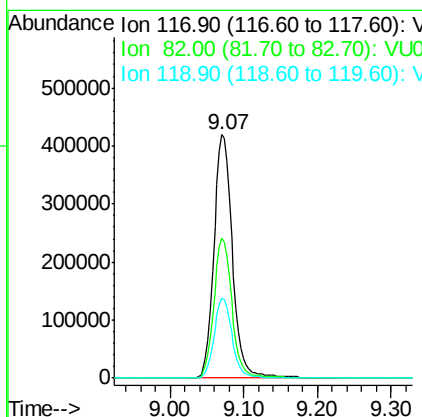
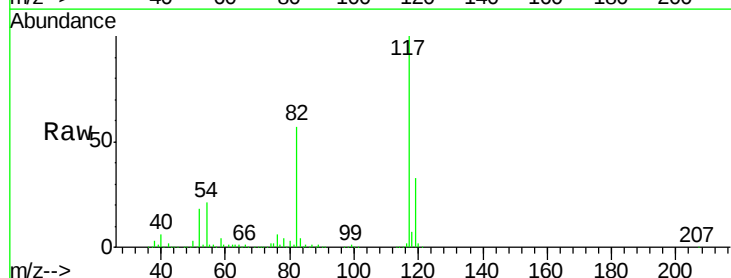
Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-B1-(0)

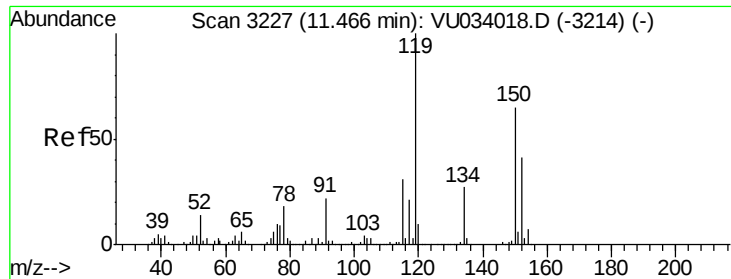
Tot Ion	95	Resp	337350
Ion Ratio	Lower	Upper	
95	100		
174	83.2	0.0	168.8
176	80.2	0.0	161.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034041.D
Acq: 28 Aug 2019 22:21

Tgt Ion	117	Resp	730360
Ion Ratio	Lower	Upper	
117	100		
82	57.3	45.1	67.7
119	32.6	25.4	38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.47 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VU034041.D

Acq: 28 Aug 2019 22:21

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-B1-(0)

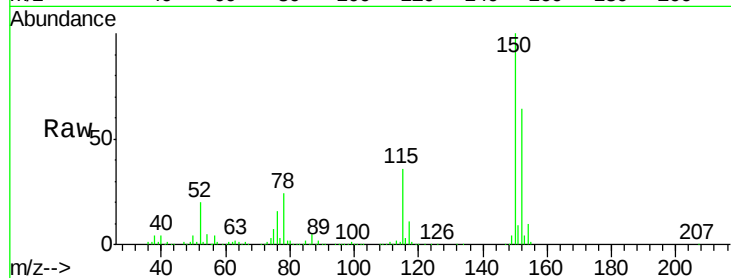
Tot Ion:152 Resp: 360833

Ion Ratio Lower Upper

152 100

115 56.9 41.1 123.3

150 157.5 0.0 348.8



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

