

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090319\
 Data File : VU034201.D
 Acq On : 02 Sep 2019 14:49
 Operator : JC/SP
 Sample : K4544-35
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T16-17-C1-(2.25)

Quant Time: Sep 03 07:13:25 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

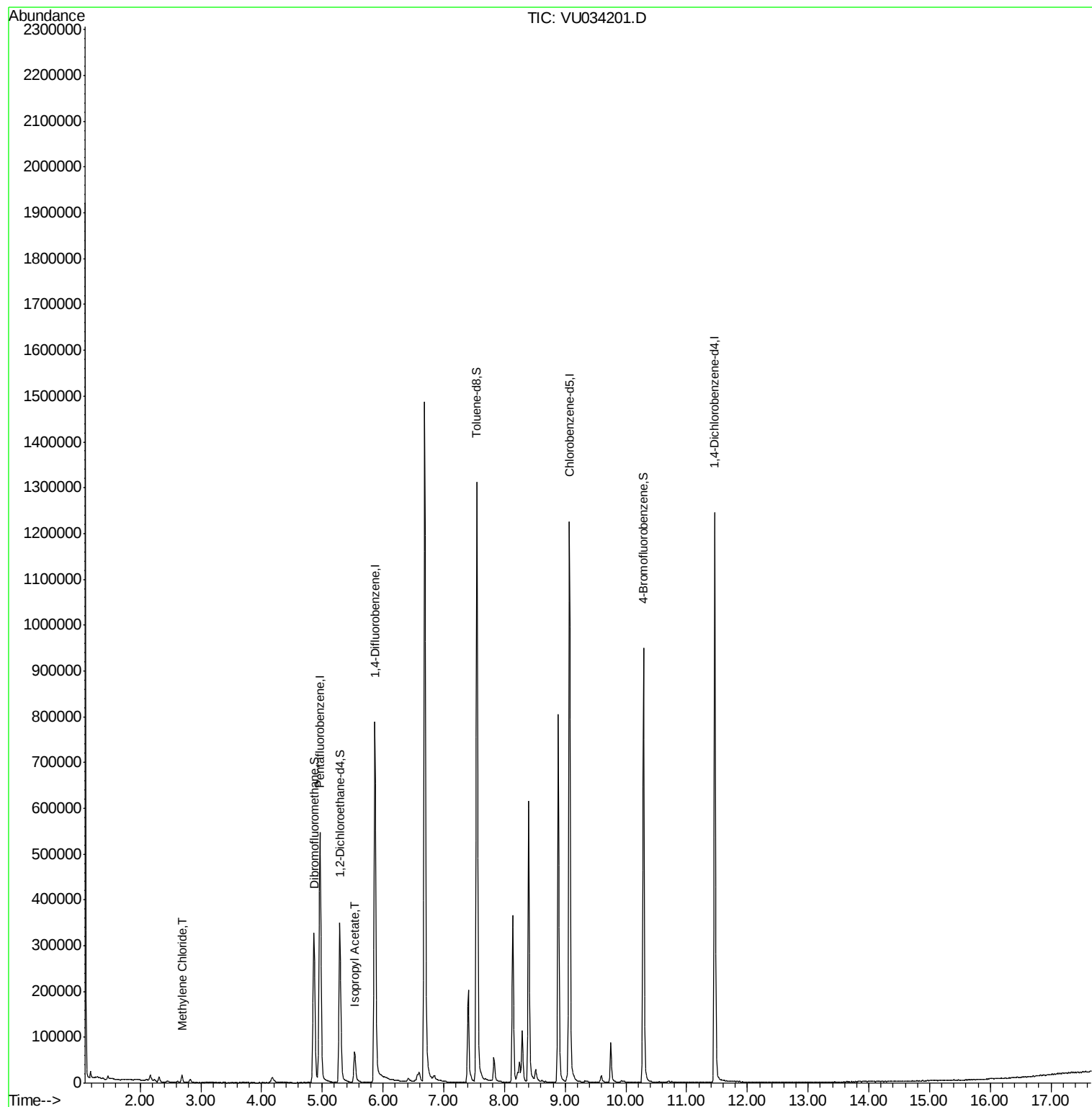
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	436595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	712300	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	708364	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	340593	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	280239	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.18%	
35) Dibromofluoromethane	4.86	113	234953	47.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.12%	
50) Toluene-d8	7.55	98	920285	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
62) 4-Bromofluorobenzene	10.29	95	322380	44.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.60%	
Target Compounds						
20) Methylene Chloride	2.69	84	7273	1.346	ug/l	93
43) Isopropyl Acetate	5.53	43	82881	7.221	ug/l	97

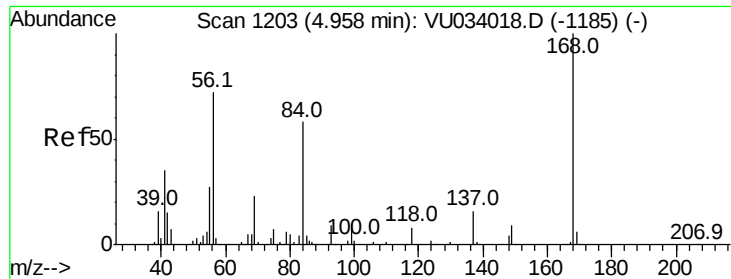
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034201.D

Acq: 02 Sep 2019 14:49

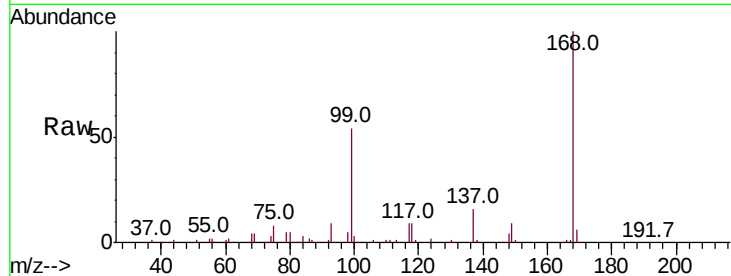
Instrument :
MSVOA_U
ClientSampleId :
T16-17-C1-(2.25)

Tot Ion:168 Resp: 436595

Ion Ratio Lower Upper

168 100

99 54.1 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034018.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU034018.D (-1185) (-)

4.96

200000

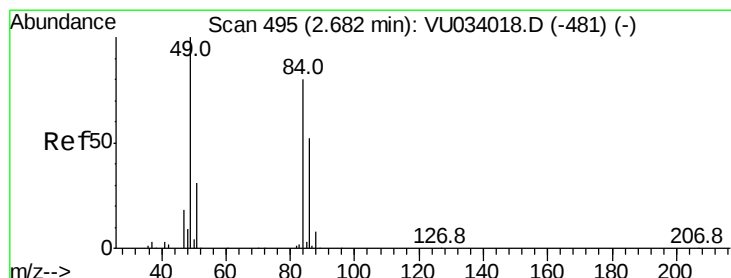
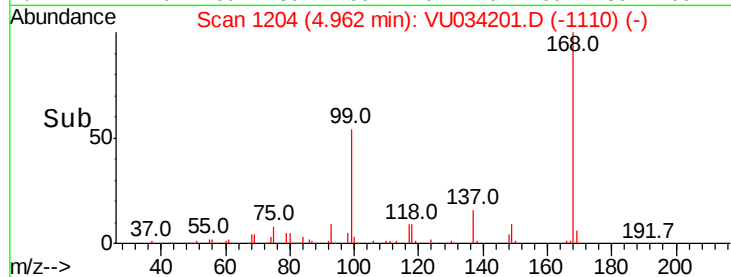
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 1.346 ug/l

RT: 2.69 min Scan# 497

Delta R.T. 0.01 min

Lab File: VU034201.D

Acq: 02 Sep 2019 14:49

Tgt Ion: 84 Resp: 7273

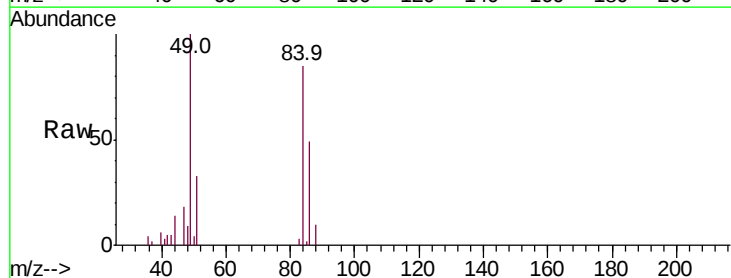
Ion Ratio Lower Upper

84 100

49 117.7 100.2 150.4

51 38.3 30.8 46.2

86 57.5 52.5 78.7



Abundance Ion 83.90 (83.60 to 84.60): VU034018.D (-481) (-)

Ion 48.90 (48.60 to 49.60): VU034018.D (-481) (-)

Ion 50.90 (50.60 to 51.60): VU034018.D (-481) (-)

Ion 85.90 (85.60 to 86.60): VU034018.D (-481) (-)

8000

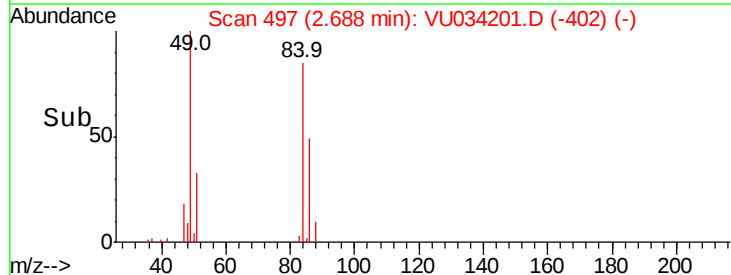
6000

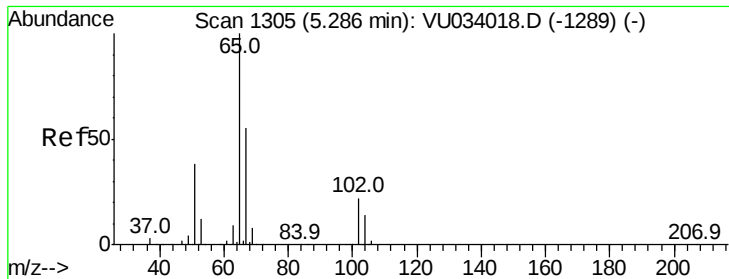
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.094 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034201.D

Acq: 02 Sep 2019 14:49

Instrument :

MSVOA_U

ClientSampleId :

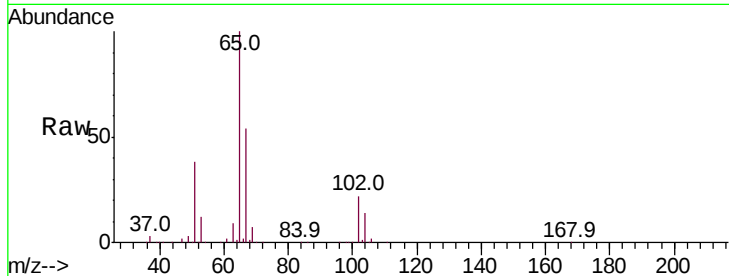
T16-17-C1-(2.25)

Tot Ion: 65 Resp: 280239

Ion Ratio Lower Upper

65 100

67 54.2 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU034201.D (-1289) (-)

Ion 66.90 (66.60 to 67.60): VU034201.D (-1289) (-)

5.29

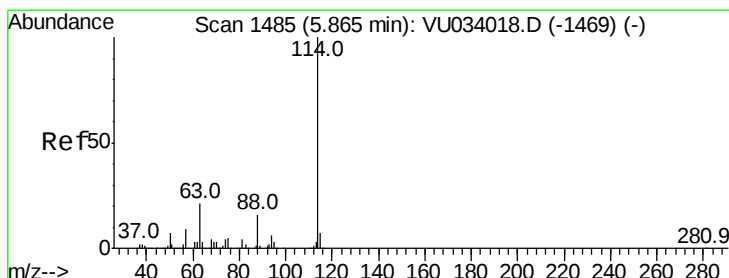
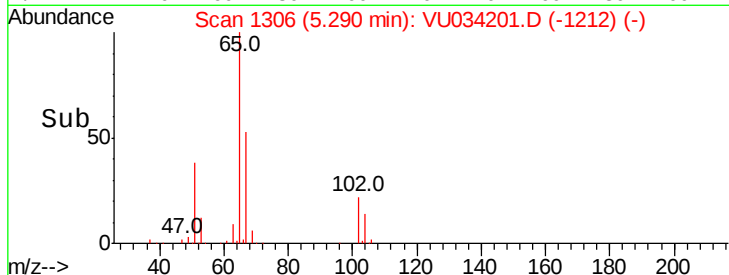
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034201.D

Acq: 02 Sep 2019 14:49

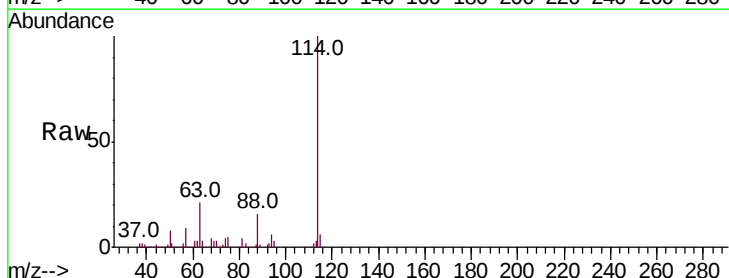
Tgt Ion: 114 Resp: 712300

Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.0

88 16.1 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): VU034201.D (-1469) (-)

Ion 63.00 (62.70 to 63.70): VU034201.D (-1469) (-)

Ion 87.90 (87.60 to 88.60): VU034201.D (-1469) (-)

5.87

400000

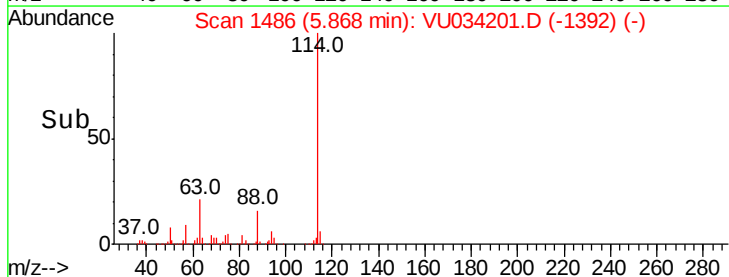
300000

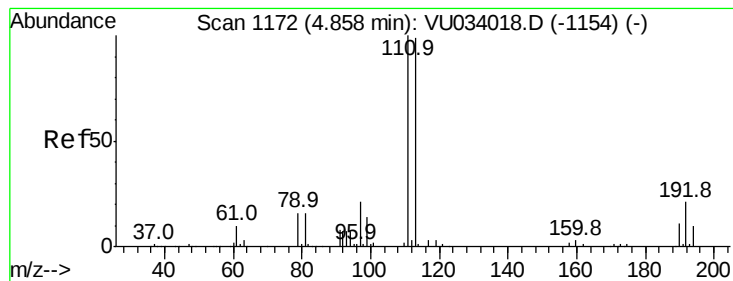
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 47.557 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034201.D

Acq: 02 Sep 2019 14:49

Instrument :

MSVOA_U

ClientSampleId :

T16-17-C1-(2.25)

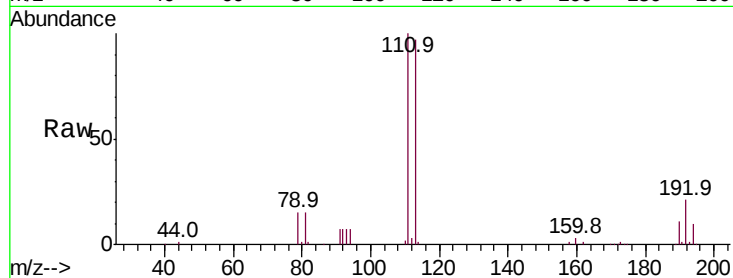
Tot Ion:113 Resp: 234953

Ion Ratio Lower Upper

113 100

111 103.3 81.7 122.5

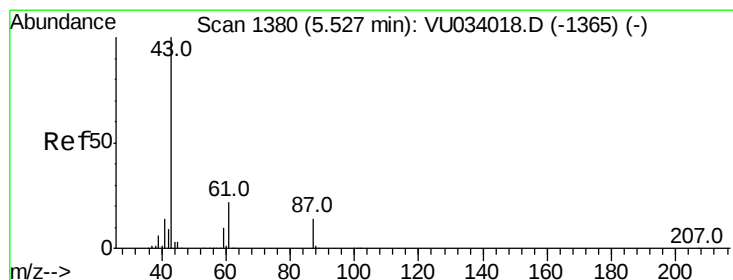
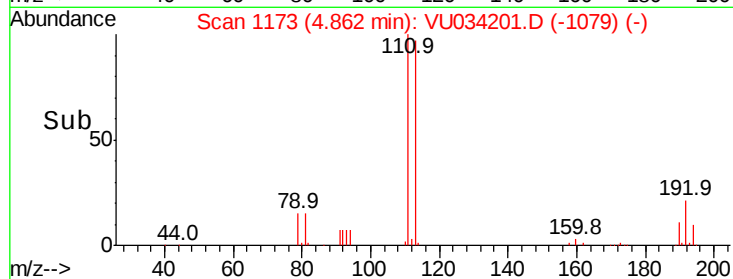
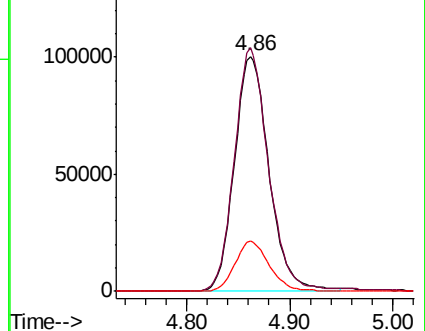
192 21.1 17.1 25.7



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: 7.221 ug/l

RT: 5.53 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VU034201.D

Acq: 02 Sep 2019 14:49

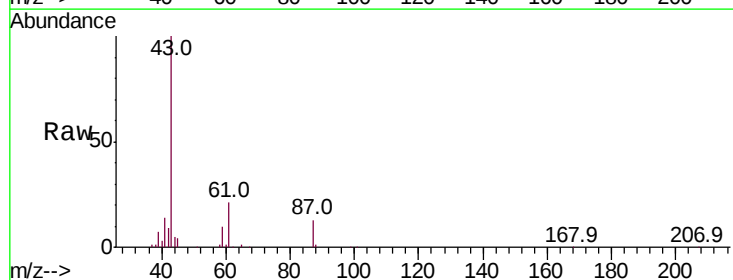
Tgt Ion: 43 Resp: 82881

Ion Ratio Lower Upper

43 100

61 20.4 17.2 25.8

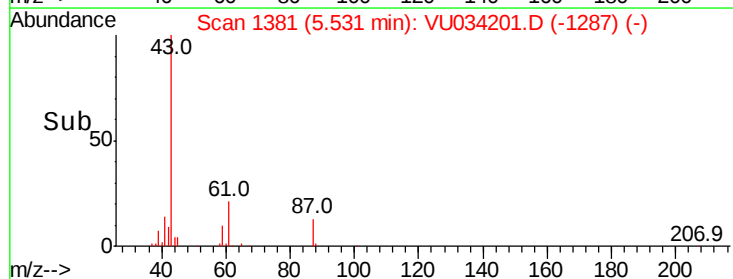
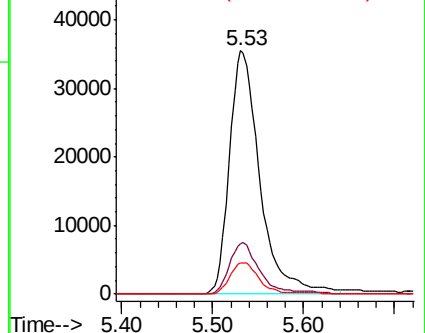
87 12.0 10.8 16.2

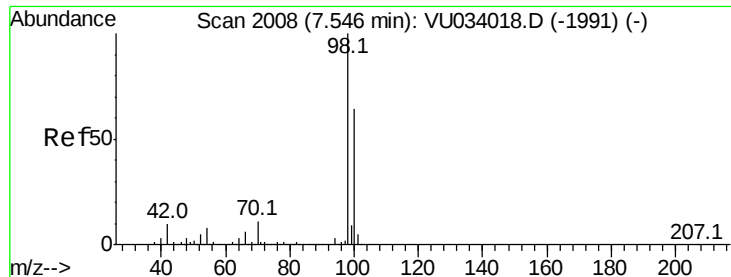


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

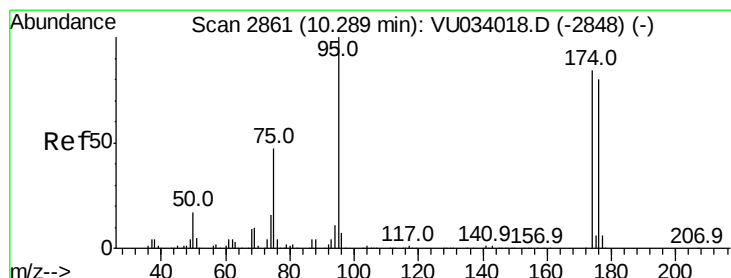
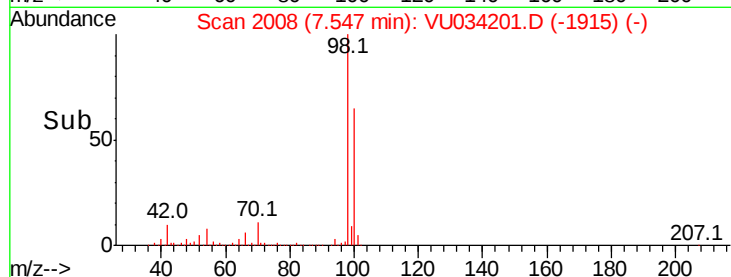
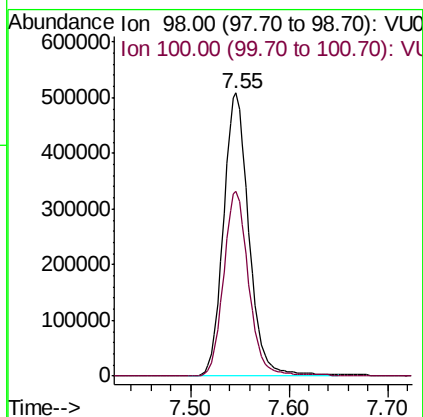
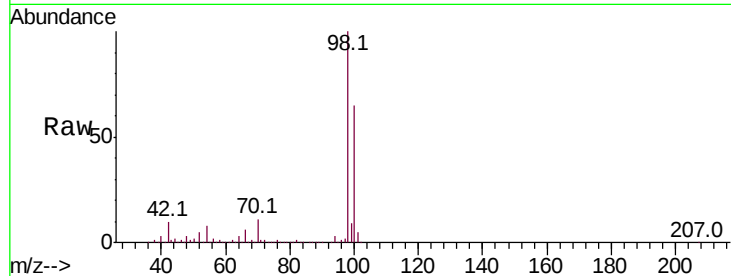




#50
Toluene-d8
Concen: 49.748 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034201.D
Acq: 02 Sep 2019 14:49

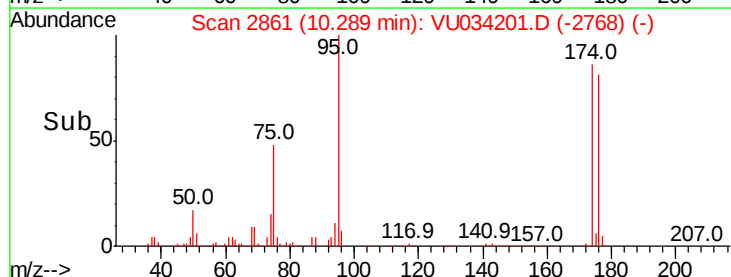
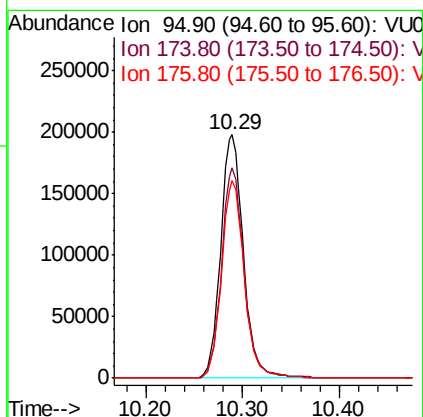
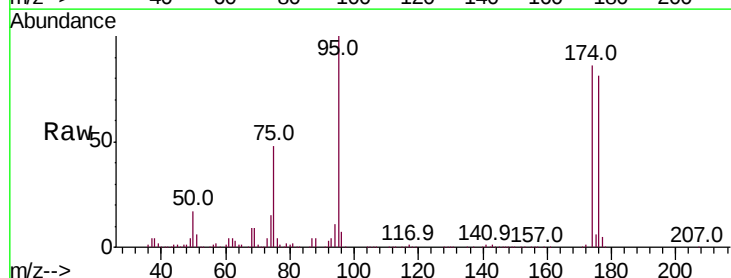
Instrument :
MSVOA_U
ClientSampleId :
T16-17-C1-(2.25)

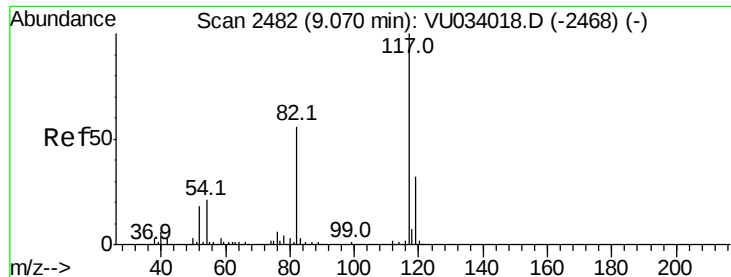
Tot Ion: 98 Resp: 920285
Ion Ratio Lower Upper
98 100
100 64.9 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 44.801 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU034201.D
Acq: 02 Sep 2019 14:49

Tgt Ion: 95 Resp: 322380
Ion Ratio Lower Upper
95 100
174 85.8 0.0 168.8
176 81.5 0.0 161.8

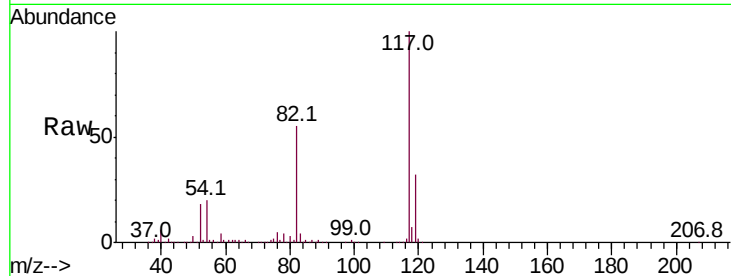




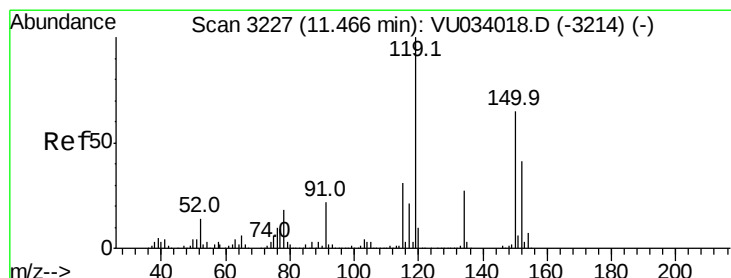
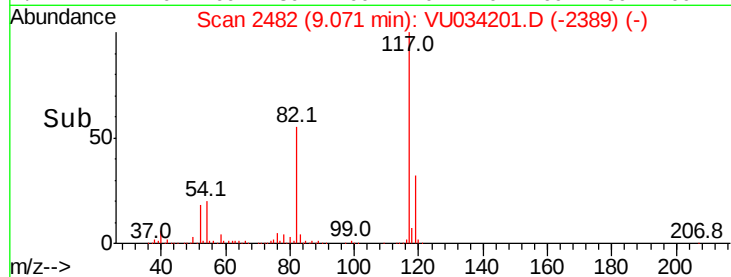
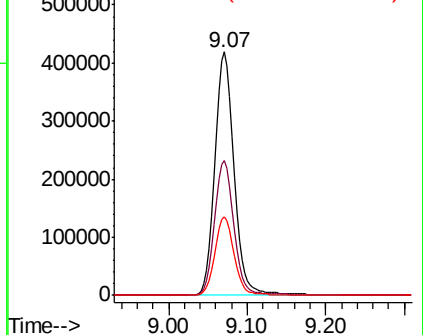
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034201.D
Acq: 02 Sep 2019 14:49

Instrument :
MSVOA_U
ClientSampleId :
T16-17-C1-(2.25)

Tot Ion:117 Resp: 708364
Ion Ratio Lower Upper
117 100
82 55.5 45.1 67.7
119 32.4 25.4 38.0

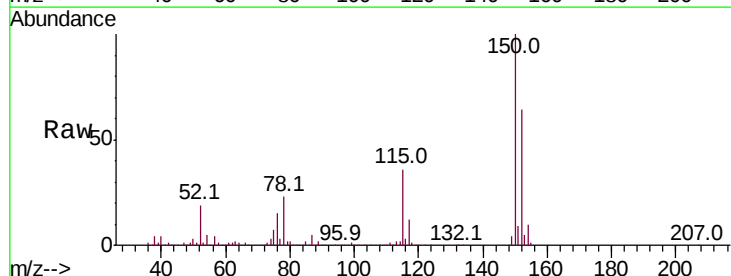


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VU034201.D
Acq: 02 Sep 2019 14:49

Tgt Ion:152 Resp: 340593
Ion Ratio Lower Upper
152 100
115 57.5 41.1 123.3
150 158.3 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

