

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090319\
 Data File : VU034193.D
 Acq On : 02 Sep 2019 11:43
 Operator : JC/SP
 Sample : K4544-26
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T16-17-B1-(2.25)

Quant Time: Sep 03 07:00:36 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

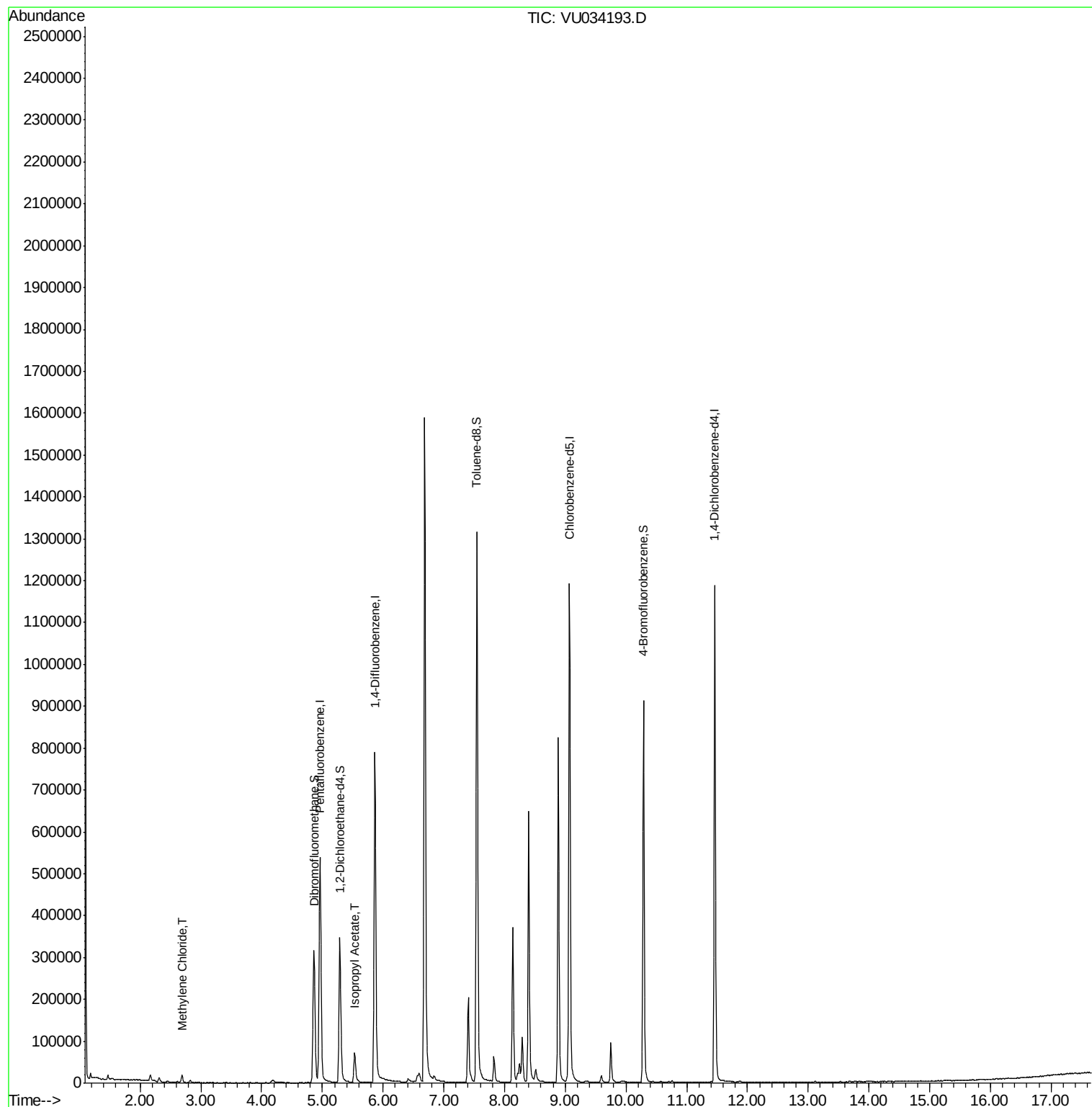
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	439119	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	708734	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	693859	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	327619	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	271729	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.58%	
35) Dibromofluoromethane	4.86	113	229996	46.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.58%	
50) Toluene-d8	7.55	98	919316	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	
62) 4-Bromofluorobenzene	10.29	95	312112	43.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.18%	
Target Compounds						
20) Methylene Chloride	2.69	84	8229	1.514	ug/l	95
43) Isopropyl Acetate	5.53	43	84780	7.423	ug/l	99

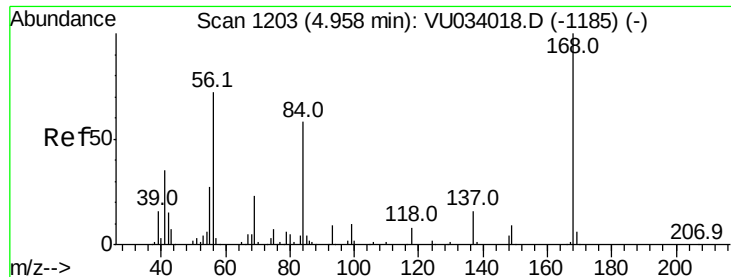
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.01 min

Lab File: VU034193.D

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Instrument :

MSVOA_U

ClientSampleId :

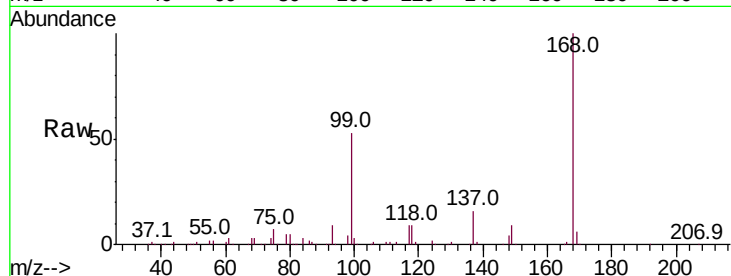
T16-17-B1-(2.25)

Tot Ion:168 Resp: 439119

Ion Ratio Lower Upper

168 100

99 53.4 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

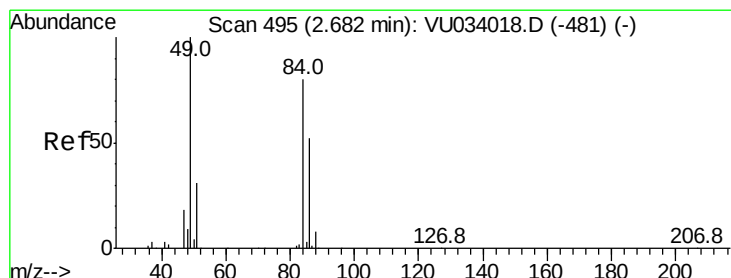
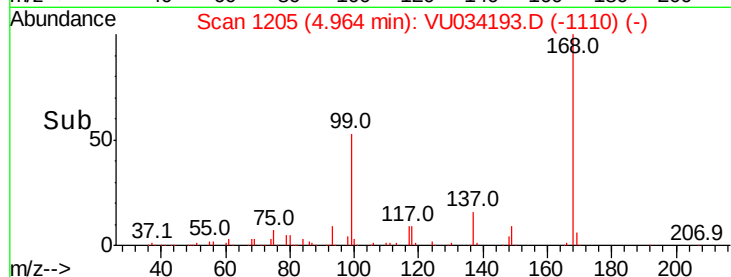
100000

50000

0

4.90 5.00 5.10

Time-->



#20

Methylene Chloride

Concen: 1.514 ug/l

RT: 2.69 min Scan# 498

Delta R.T. 0.01 min

Lab File: VU034193.D

Acq: 02 Sep 2019 11:43

Tgt Ion: 84 Resp: 8229

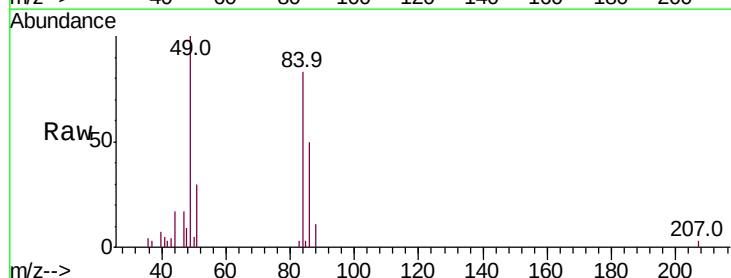
Ion Ratio Lower Upper

84 100

49 120.9 100.2 150.4

51 36.1 30.8 46.2

86 60.3 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

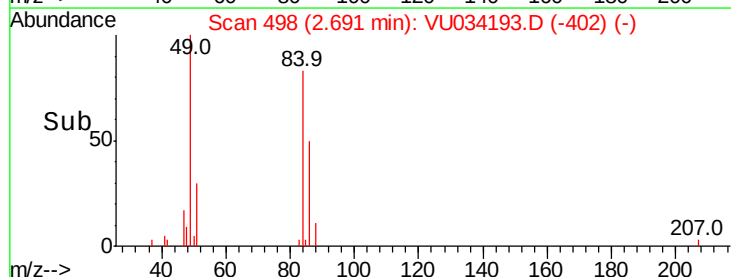
4000

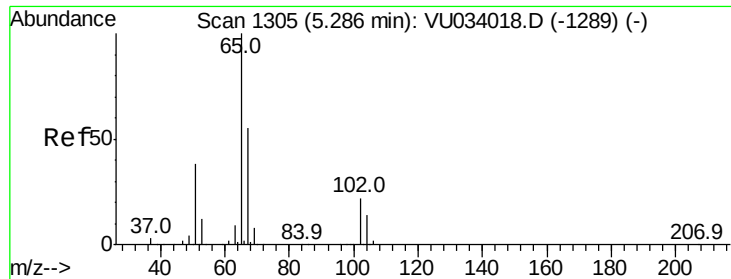
2000

0

2.65 2.70 2.75

Time-->

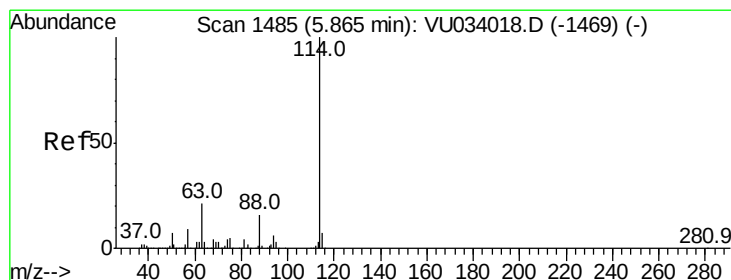
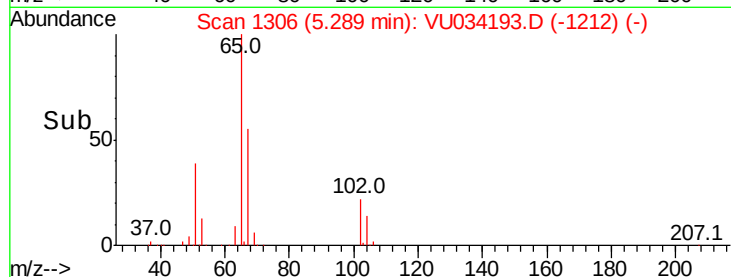
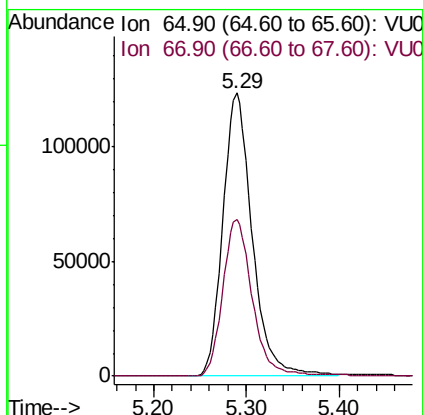
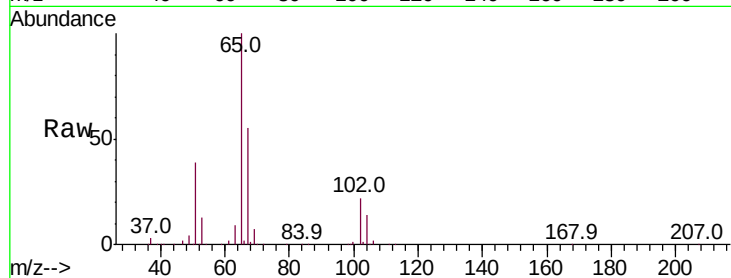




#33
 1,2-Dichloroethane-d4
 Concen: 48.294 ug/l
 RT: 5.29 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: VU034193.D
 Acq: 02 Sep 2019 11:43

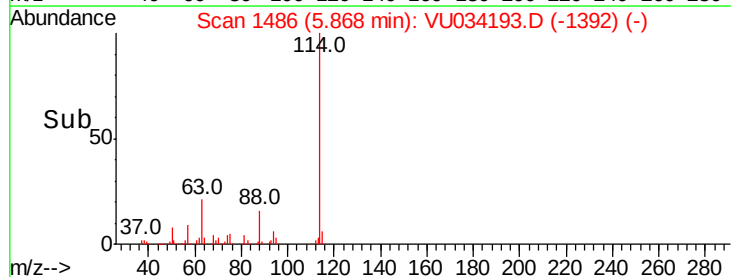
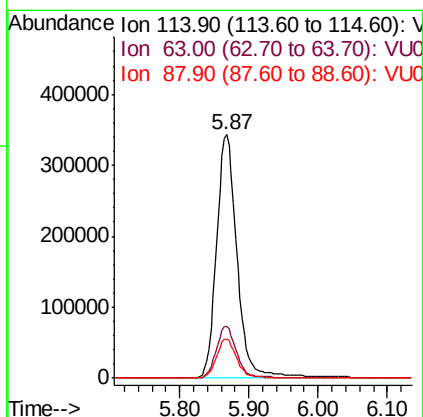
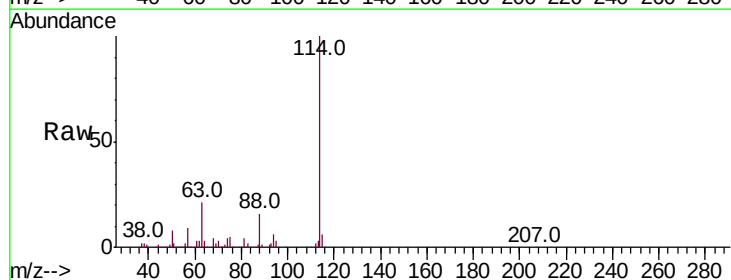
Instrument :
 MSVOA_U
 ClientSampleId :
 T16-17-B1-(2.25)

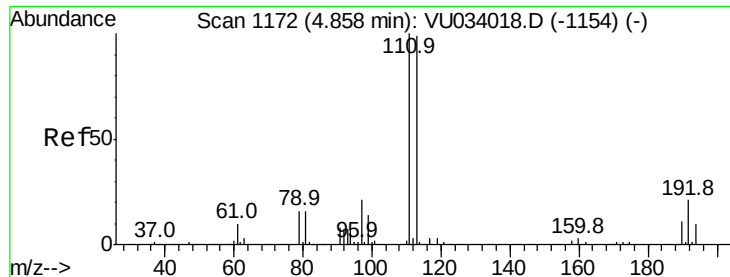
Tot Ion: 65 Resp: 271729
 Ion Ratio Lower Upper
 65 100
 67 56.0 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034193.D
 Acq: 02 Sep 2019 11:43

Tgt Ion: 114 Resp: 708734
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.0
 88 16.1 0.0 32.0





#35

Dibromofluoromethane

Concen: 46.788 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034193.D

Acq: 02 Sep 2019 11:43

Instrument :
MSVOA_U
ClientSampleId :
T16-17-B1-(2.25)

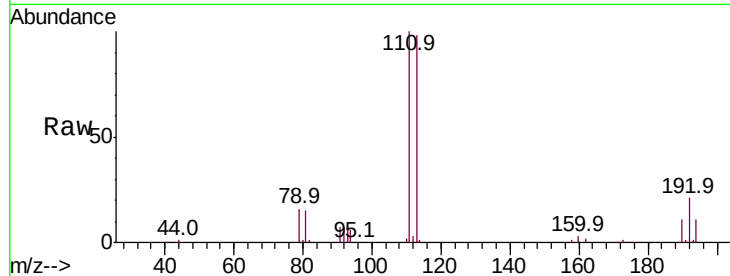
Tot Ion:113 Resp: 229996

Ion Ratio Lower Upper

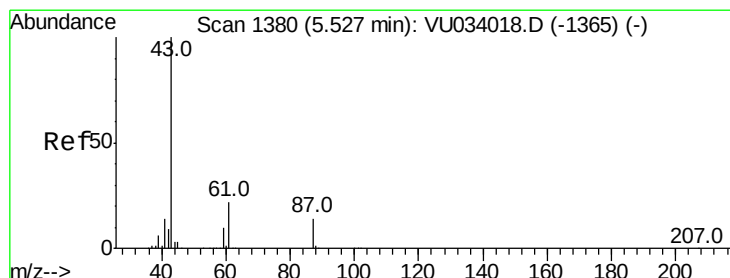
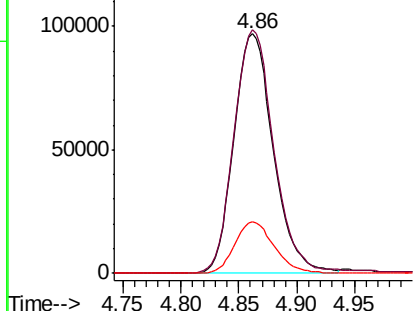
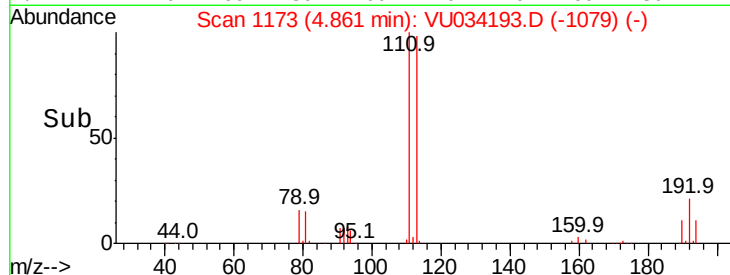
113 100

111 102.7 81.7 122.5

192 21.6 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: 7.423 ug/l

RT: 5.53 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VU034193.D

Acq: 02 Sep 2019 11:43

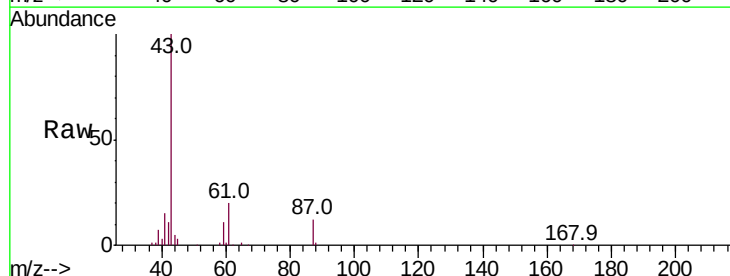
Tgt Ion: 43 Resp: 84780

Ion Ratio Lower Upper

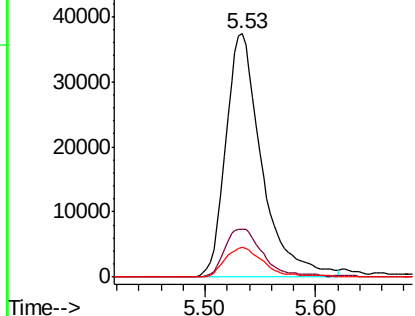
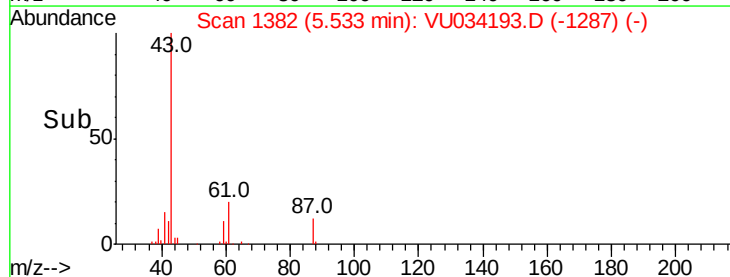
43 100

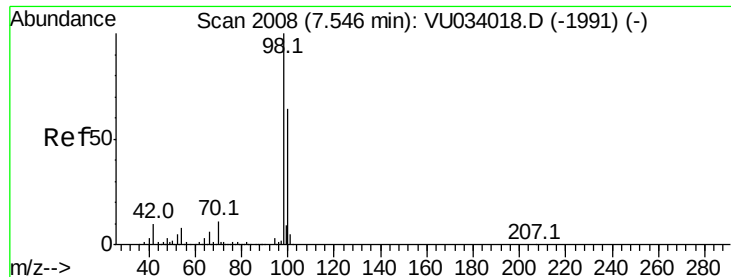
61 21.1 17.2 25.8

87 13.0 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

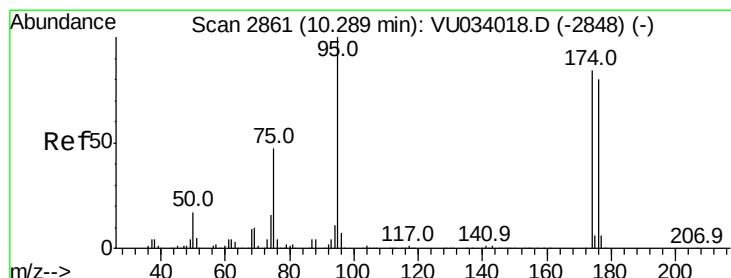
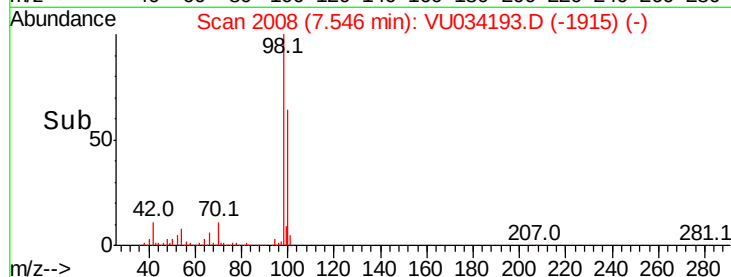
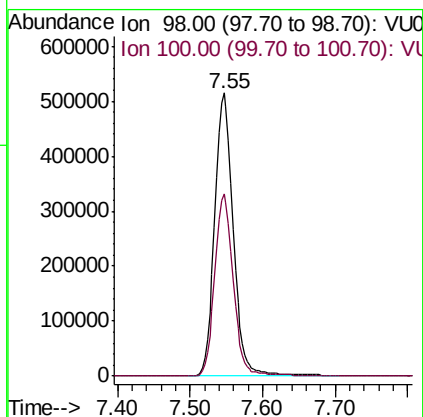
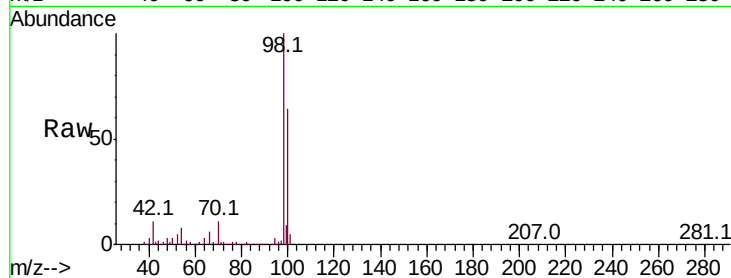




#50
Toluene-d8
Concen: 49.946 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VU034193.D
Acq: 02 Sep 2019 11:43

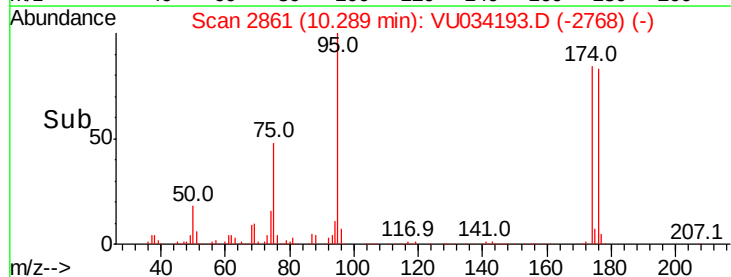
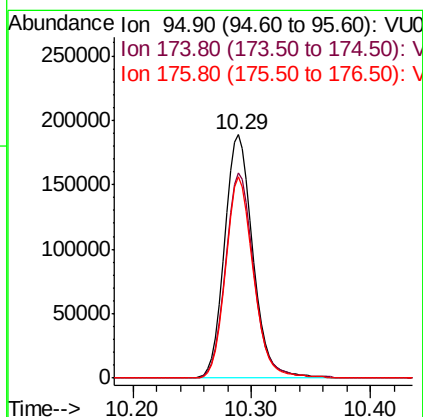
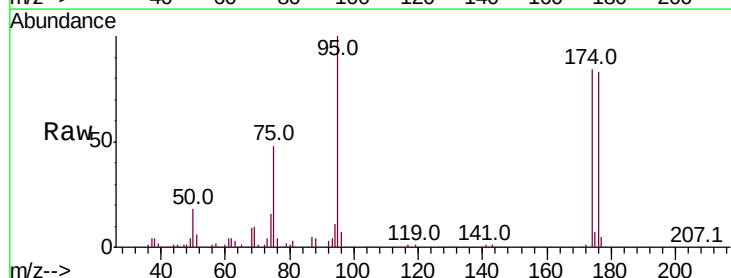
Instrument :
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ClientSampleId :
T16-17-B1-(2.25)

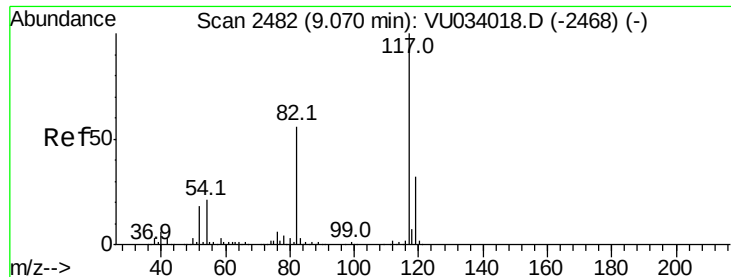
Tot Ion: 98 Resp: 919316
Ion Ratio Lower Upper
98 100
100 64.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 43.592 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. -0.00 min
Lab File: VU034193.D
Acq: 02 Sep 2019 11:43

Tgt Ion: 95 Resp: 312112
Ion Ratio Lower Upper
95 100
174 84.6 0.0 168.8
176 81.4 0.0 161.8

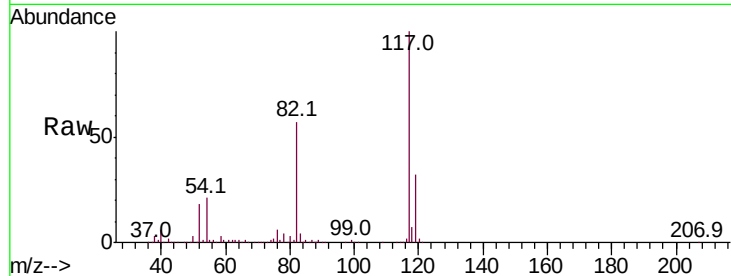




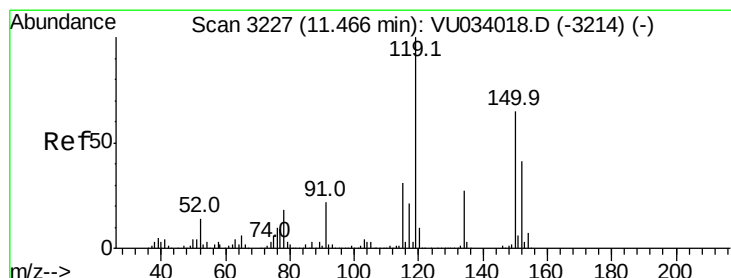
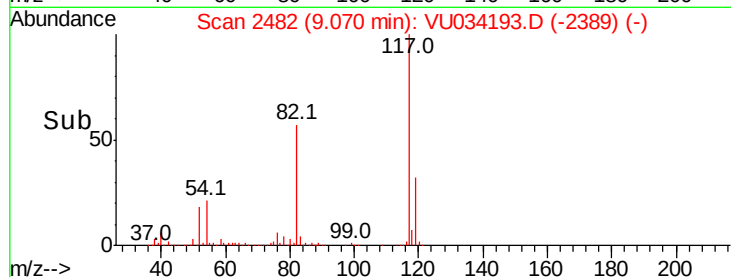
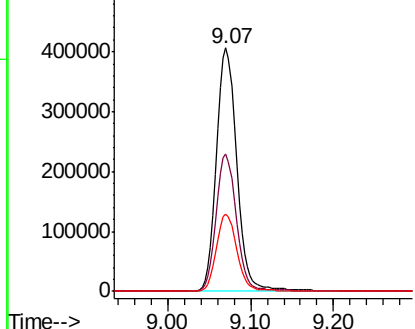
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034193.D
Acq: 02 Sep 2019 11:43

Instrument :
MSVOA_U
ClientSampleId :
T16-17-B1-(2.25)

Tot Ion:117 Resp: 693859
Ion Ratio Lower Upper
117 100
82 56.5 45.1 67.7
119 32.0 25.4 38.0

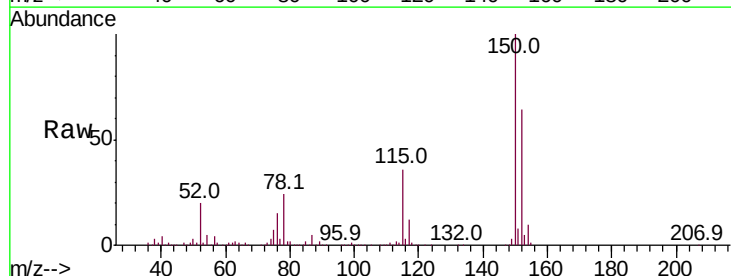


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VU034193.D
Acq: 02 Sep 2019 11:43

Tgt Ion:152 Resp: 327619
Ion Ratio Lower Upper
152 100
115 56.7 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

