

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090319\
 Data File : VU034199.D
 Acq On : 02 Sep 2019 14:02
 Operator : JC/SP
 Sample : K4544-33
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T16-17-C3-(0)

Quant Time: Sep 03 07:10:16 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

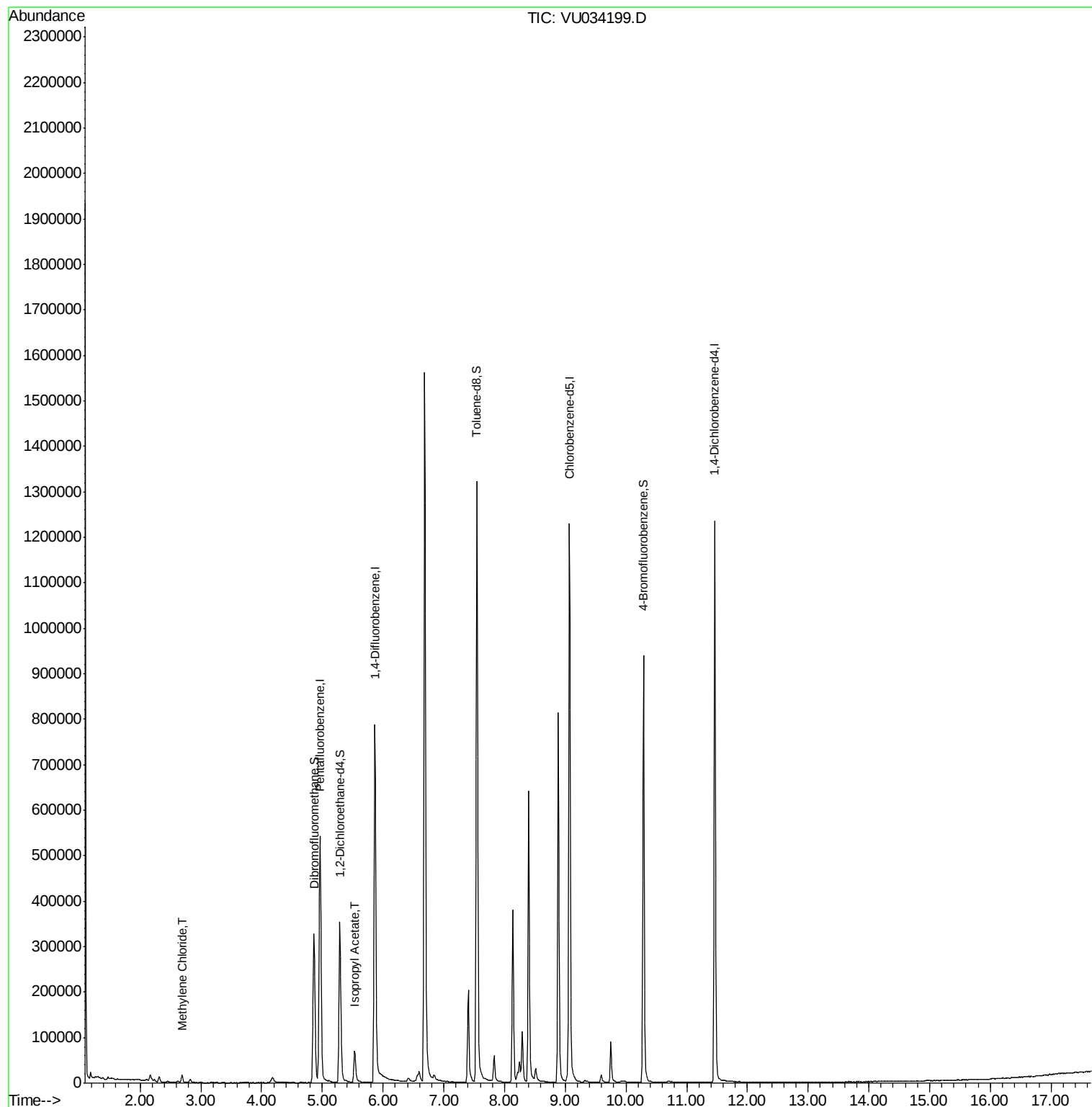
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	438769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	715952	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	710692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	338893	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	279042	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
35) Dibromofluoromethane	4.86	113	234160	47.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.30%	
50) Toluene-d8	7.55	98	928109	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.84%	
62) 4-Bromofluorobenzene	10.29	95	320031	44.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.50%	
Target Compounds						
20) Methylene Chloride	2.69	84	7320	1.348	ug/l	97
43) Isopropyl Acetate	5.53	43	84939	7.362	ug/l	99

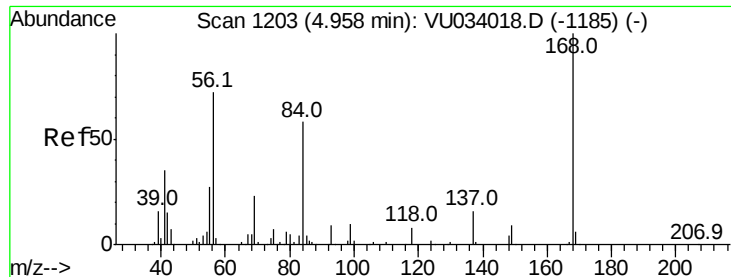
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034199.D

Acq: 02 Sep 2019 14:02

Instrument :

MSVOA_U

ClientSampleId :

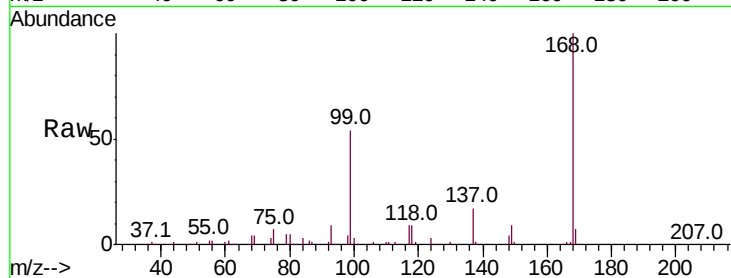
T16-17-C3-(0)

Tot Ion:168 Resp: 438769

Ion Ratio Lower Upper

168 100

99 53.6 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034199.D

Ion 98.90 (98.60 to 99.60): VU034199.D

4.96

200000

150000

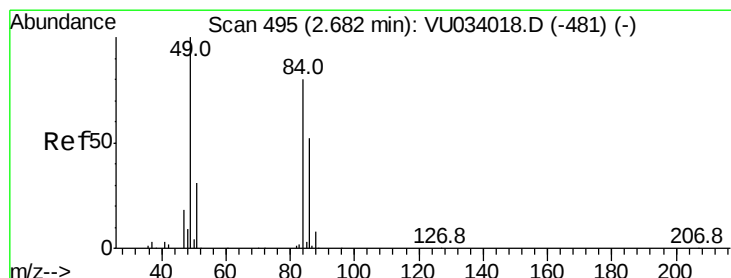
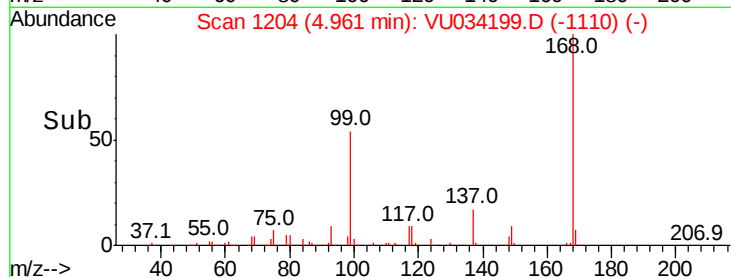
100000

50000

0

Time-->

4.90 5.00 5.10



#20

Methylene Chloride

Concen: 1.348 ug/l

RT: 2.69 min Scan# 498

Delta R.T. 0.01 min

Lab File: VU034199.D

Acq: 02 Sep 2019 14:02

Tgt Ion: 84 Resp: 7320

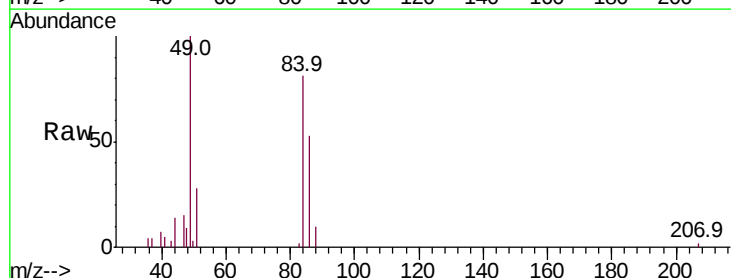
Ion Ratio Lower Upper

84 100

49 122.7 100.2 150.4

51 33.8 30.8 46.2

86 65.2 52.5 78.7



Abundance Ion 83.90 (83.60 to 84.60): VU034199.D

Ion 48.90 (48.60 to 49.60): VU034199.D

Ion 50.90 (50.60 to 51.60): VU034199.D

Ion 85.90 (85.60 to 86.60): VU034199.D

8000

6000

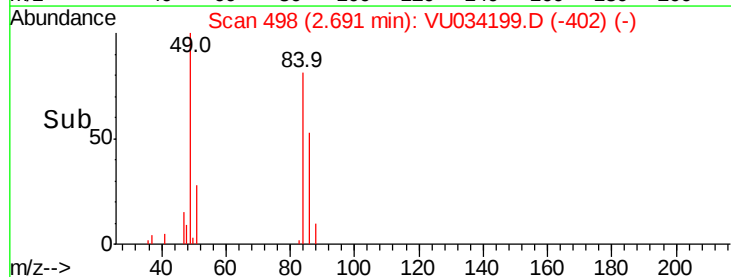
4000

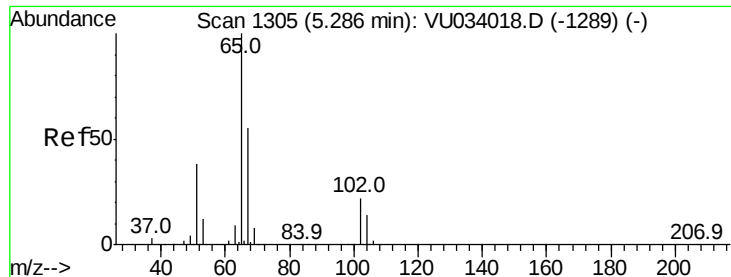
2000

0

Time-->

2.65 2.70 2.75





#33

1,2-Dichloroethane-d4

Concen: 49.633 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034199.D

Acq: 02 Sep 2019 14:02

Instrument :

MSVOA_U

ClientSampleId :

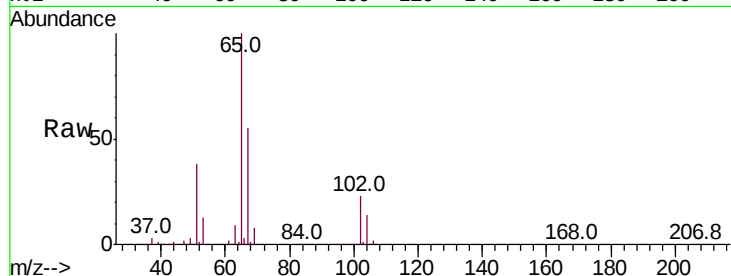
T16-17-C3-(0)

Tot Ion: 65 Resp: 279042

Ion Ratio Lower Upper

65 100

67 54.6 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU034018.D (-1289) (-)

Ion 66.90 (66.60 to 67.60): VU034018.D (-1289) (-)

5.29

150000

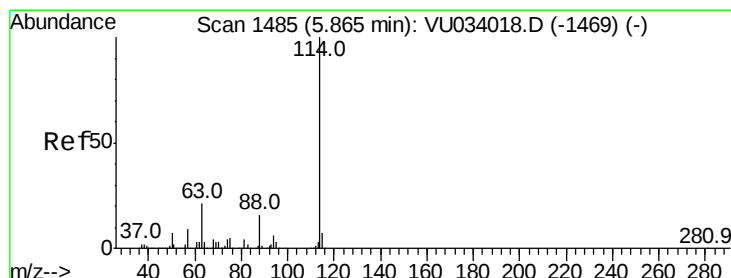
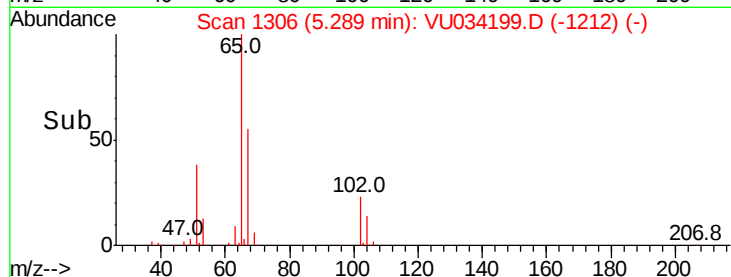
100000

50000

0

Time-->

5.20 5.30 5.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034199.D

Acq: 02 Sep 2019 14:02

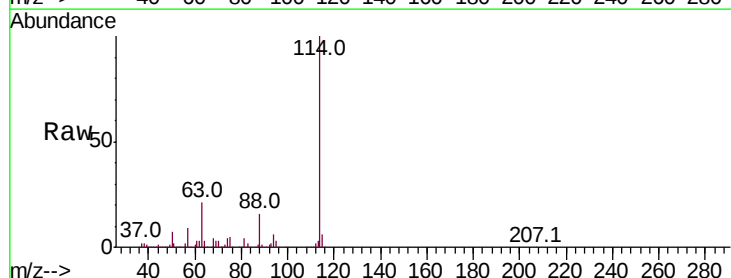
Tgt Ion: 114 Resp: 715952

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.0

88 15.9 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): VU034018.D (-1469) (-)

Ion 63.00 (62.70 to 63.70): VU034018.D (-1469) (-)

Ion 87.90 (87.60 to 88.60): VU034018.D (-1469) (-)

5.87

400000

300000

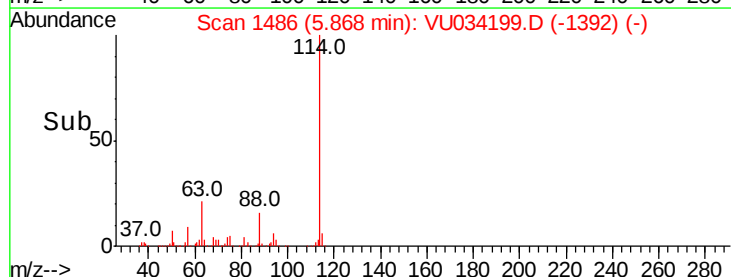
200000

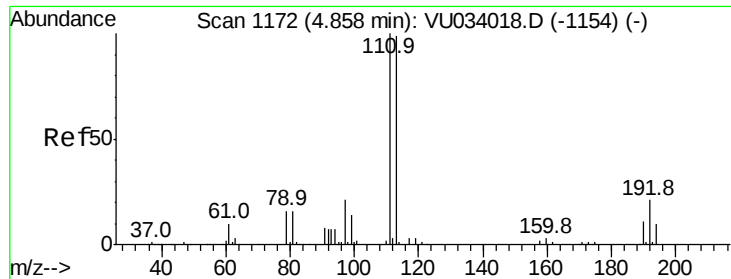
100000

0

Time-->

5.80 5.90 6.00 6.10

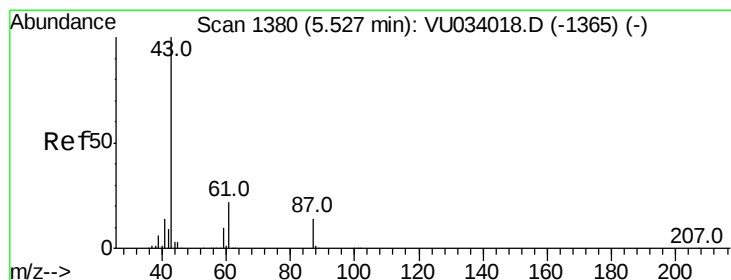
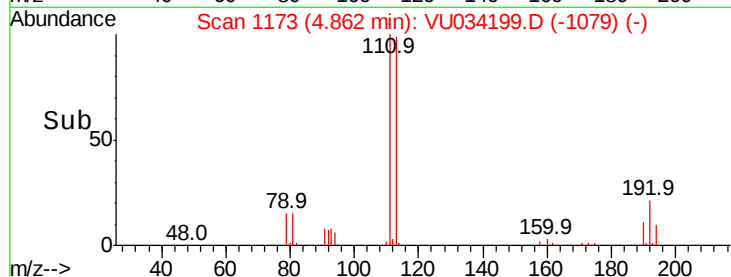
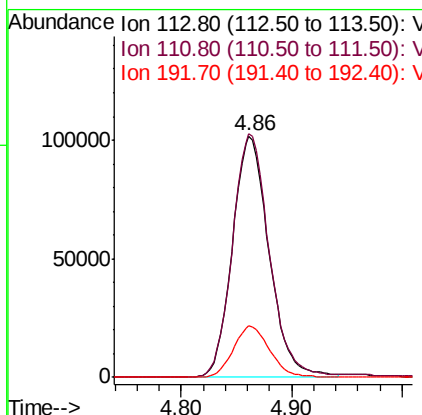
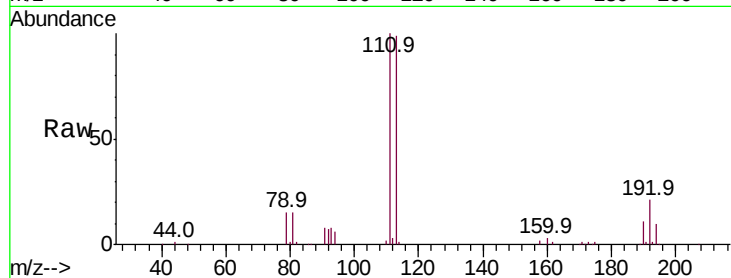




#35
 Dibromofluoromethane
 Concen: 47.155 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034199.D
 Acq: 02 Sep 2019 14:02

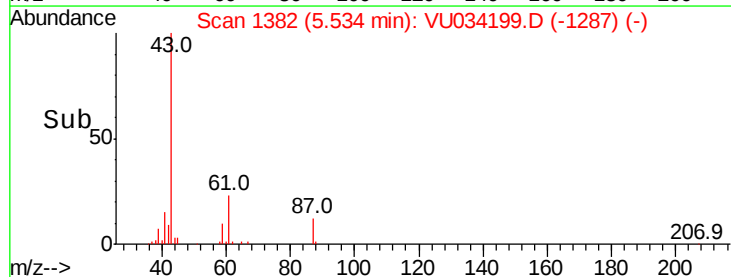
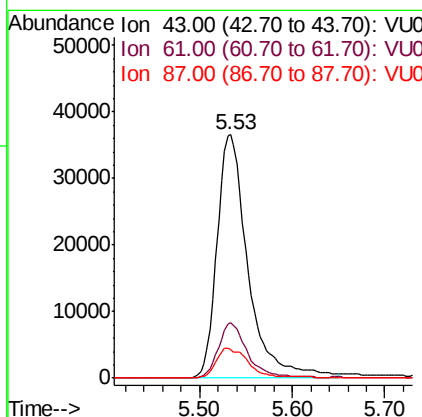
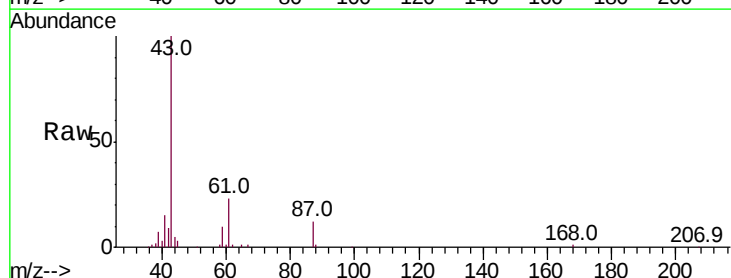
Instrument :
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 T16-17-C3-(0)

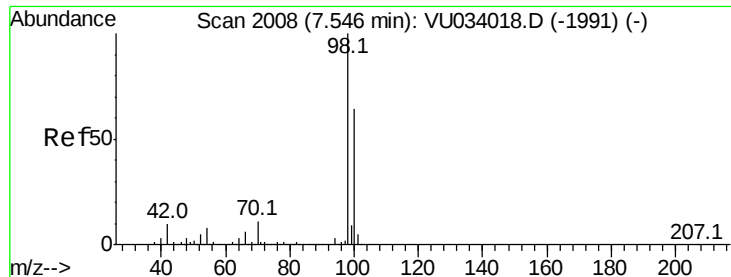
Tot Ion:113 Resp: 234160
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.7 122.5
 192 21.4 17.1 25.7



#43
 Isopropyl Acetate
 Concen: 7.362 ug/l
 RT: 5.53 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: VU034199.D
 Acq: 02 Sep 2019 14:02

Tgt Ion: 43 Resp: 84939
 Ion Ratio Lower Upper
 43 100
 61 21.4 17.2 25.8
 87 12.7 10.8 16.2

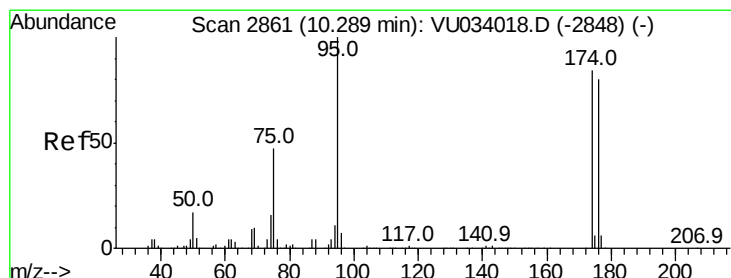
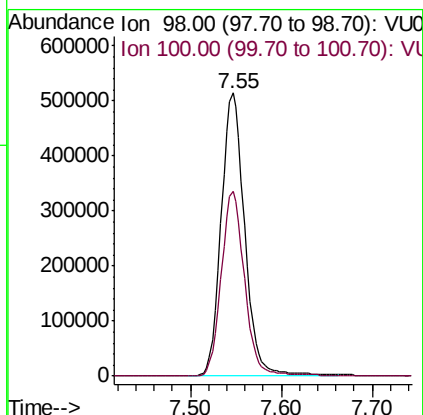
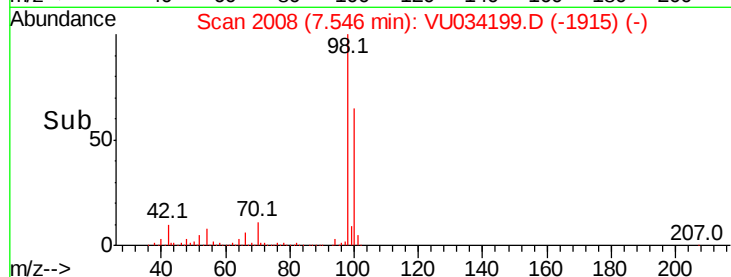
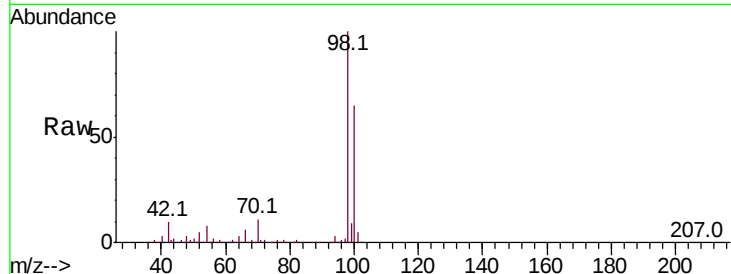




#50
Toluene-d8
Concen: 49.915 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034199.D
Acq: 02 Sep 2019 14:02

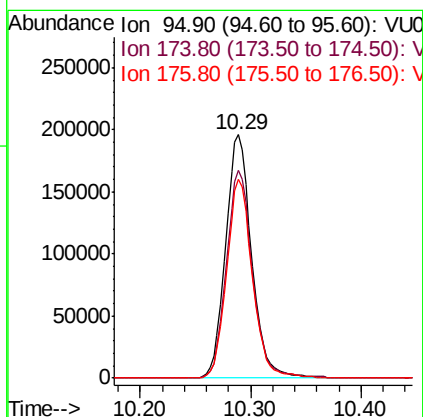
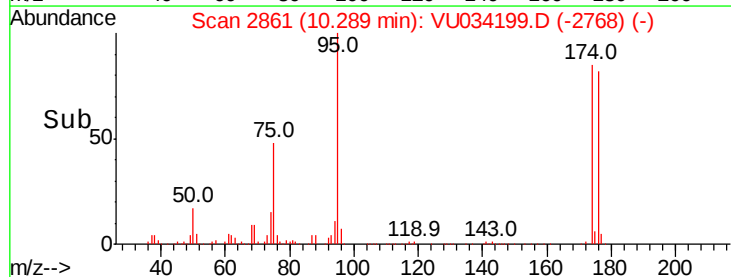
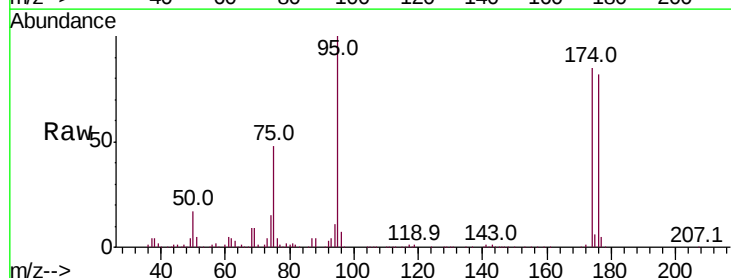
Instrument :
MSVOA_U
ClientSampleId :
T16-17-C3-(0)

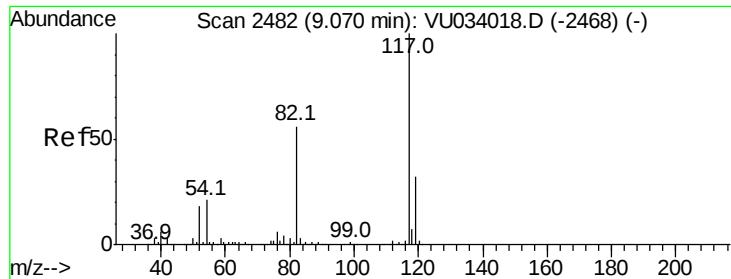
Tot Ion: 98 Resp: 928109
Ion Ratio Lower Upper
98 100
100 64.0 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 44.247 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU034199.D
Acq: 02 Sep 2019 14:02

Tgt Ion: 95 Resp: 320031
Ion Ratio Lower Upper
95 100
174 86.3 0.0 168.8
176 81.4 0.0 161.8

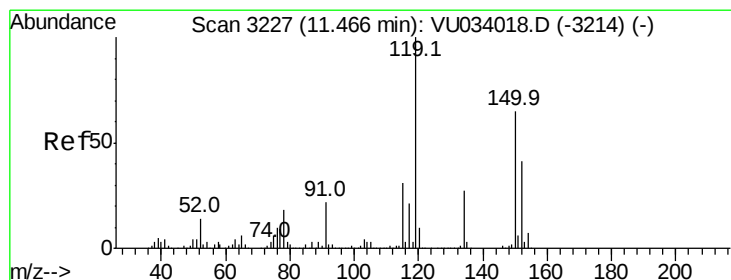
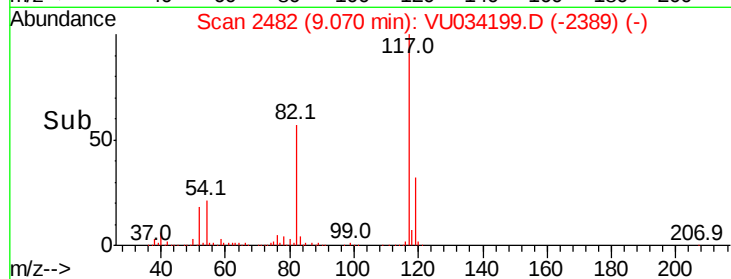
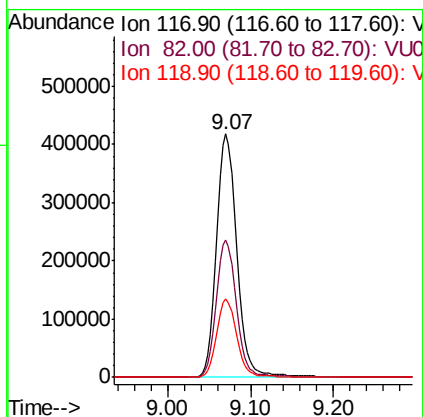
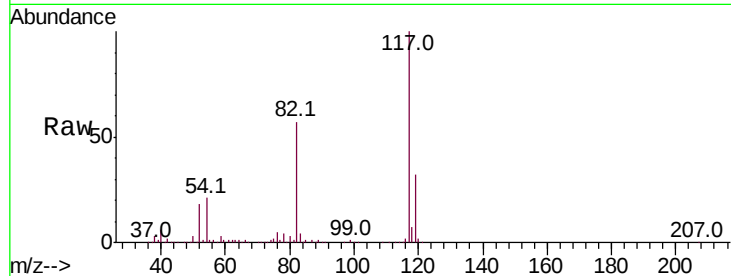




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034199.D
Acq: 02 Sep 2019 14:02

Instrument :
MSVOA_U
ClientSampleId :
T16-17-C3-(0)

Tot Ion:117 Resp: 710692
Ion Ratio Lower Upper
117 100
82 56.6 45.1 67.7
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VU034199.D
Acq: 02 Sep 2019 14:02

Tgt Ion:152 Resp: 338893
Ion Ratio Lower Upper
152 100
115 58.0 41.1 123.3
150 158.7 0.0 348.8

