

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090319\
 Data File : VU034198.D
 Acq On : 02 Sep 2019 13:39
 Operator : JC/SP
 Sample : K4544-32
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T16-17-C2-(0)

Quant Time: Sep 03 07:08:41 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

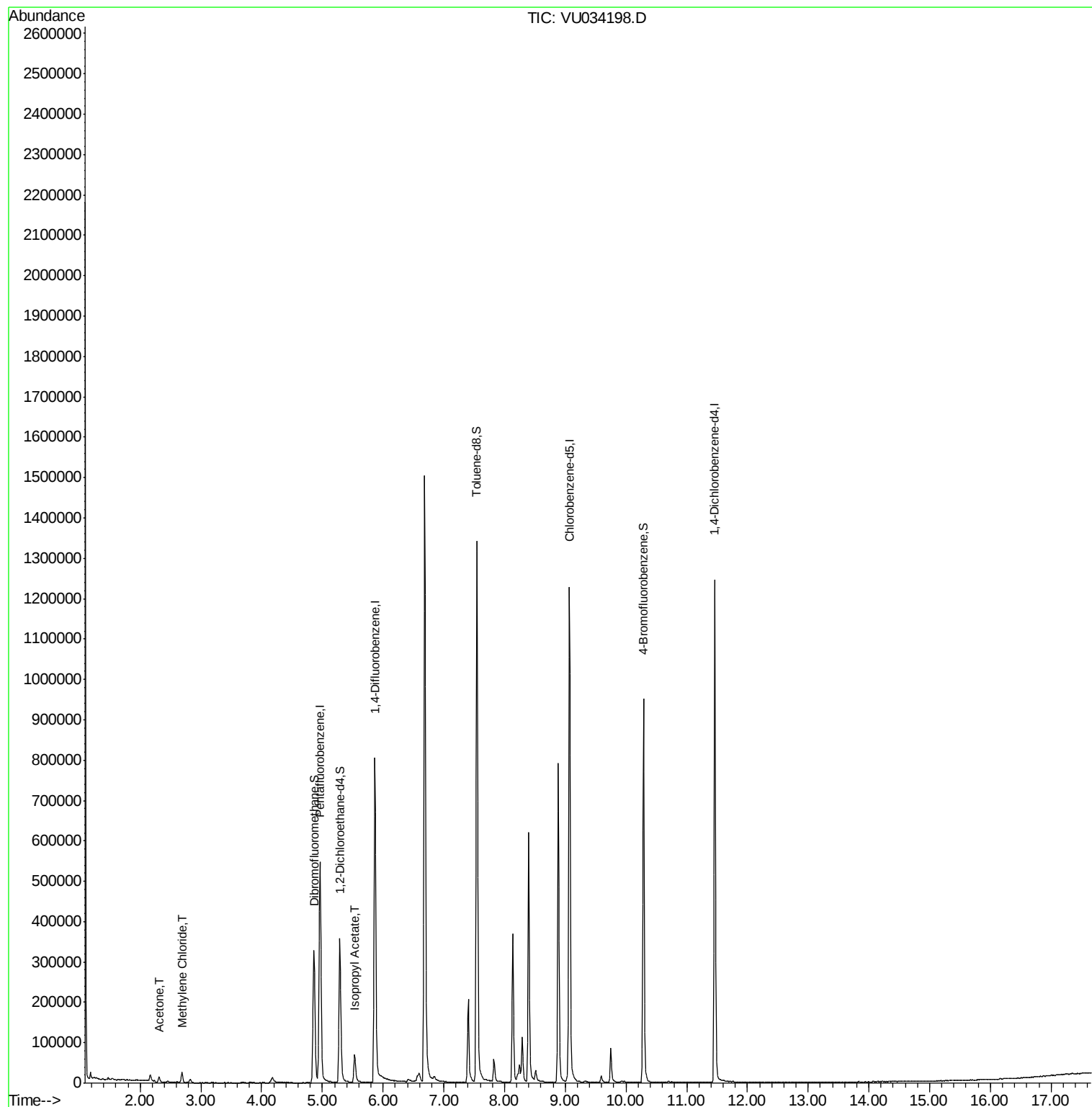
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	449218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	722208	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	714307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	344607	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	283855	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
35) Dibromofluoromethane	4.86	113	237626	47.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.88%	
50) Toluene-d8	7.55	98	934975	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
62) 4-Bromofluorobenzene	10.29	95	325358	44.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.18%	
Target Compounds						
16) Acetone	2.31	43	14917	5.079	ug/l	Qvalue 100
20) Methylene Chloride	2.69	84	11582	2.083	ug/l	91
43) Isopropyl Acetate	5.53	43	83264	7.155	ug/l	99

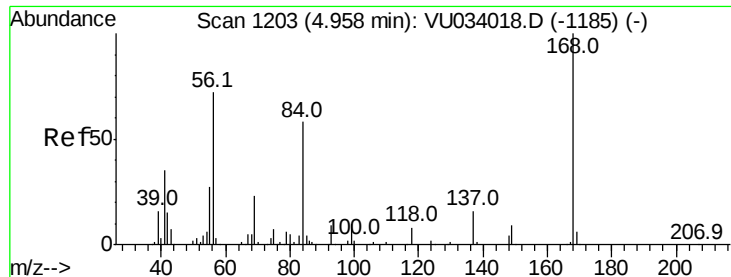
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034198.D

Acq: 02 Sep 2019 13:39

Instrument :

MSVOA_U

ClientSampleId :

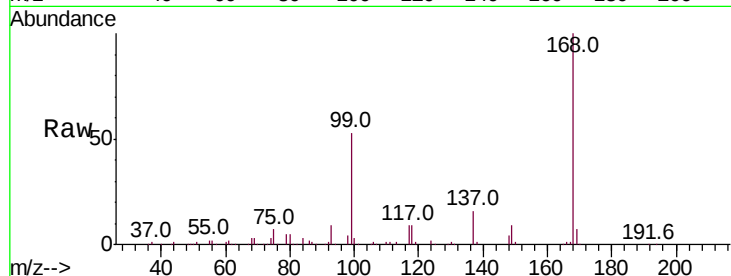
T16-17-C2-(0)

Tot Ion:168 Resp: 449218

Ion Ratio Lower Upper

168 100

99 53.5 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034198.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU034198.D (-1185) (-)

4.96

200000

150000

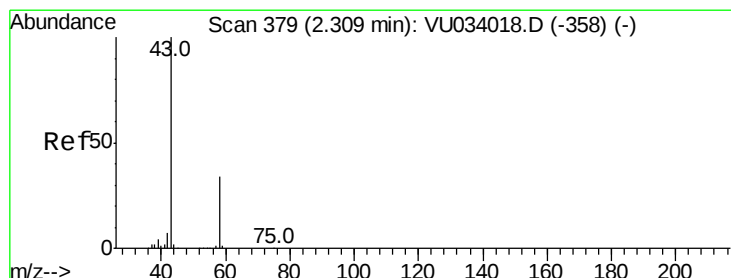
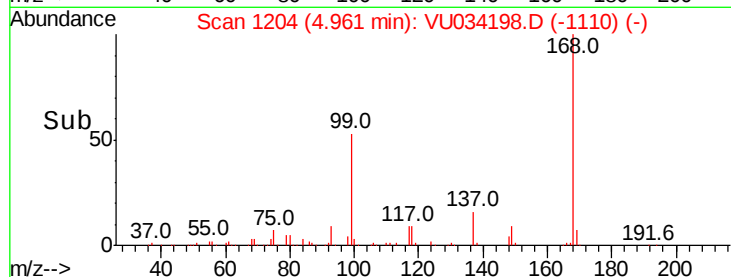
100000

50000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 5.079 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034198.D

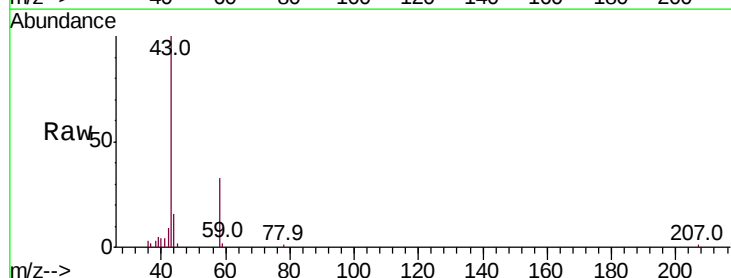
Acq: 02 Sep 2019 13:39

Tgt Ion: 43 Resp: 14917

Ion Ratio Lower Upper

43 100

58 33.7 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VU034198.D (-358) (-)

Ion 58.00 (57.70 to 58.70): VU034198.D (-358) (-)

2.31

10000

8000

6000

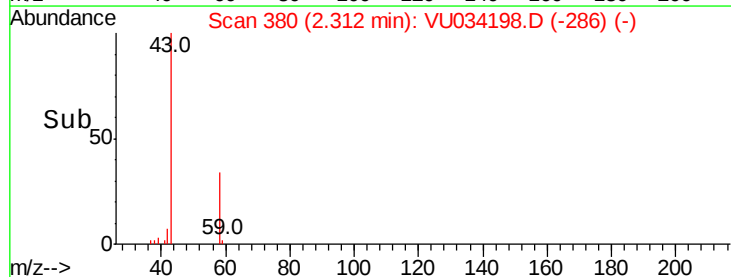
4000

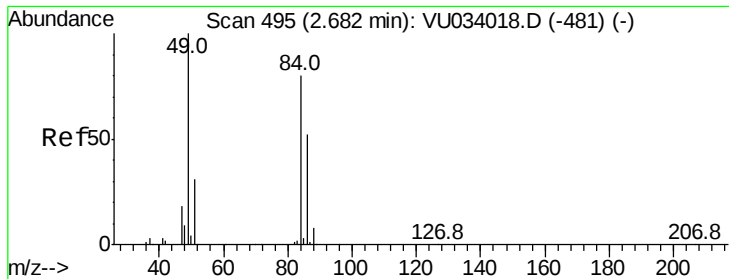
2000

0

2.25 2.30 2.35 2.40

Time-->





#20

Methylene Chloride

Concen: 2.083 ug/l

RT: 2.69 min Scan# 498

Delta R.T. 0.01 min

Lab File: VU034198.D

Acq: 02 Sep 2019 13:39

Instrument :

MSVOA_U

ClientSampleId :

T16-17-C2-(0)

Tot Ion: 84 Resp: 11582

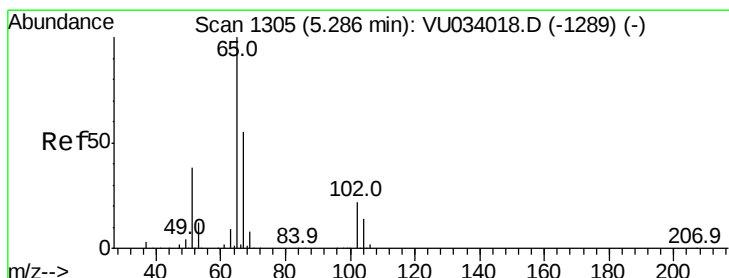
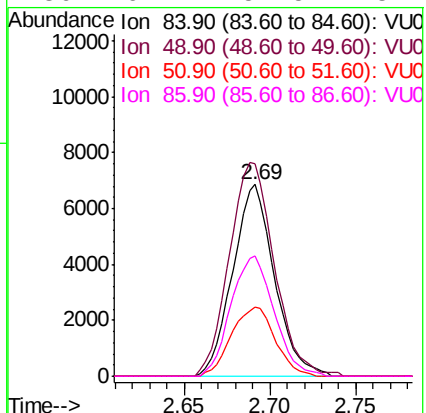
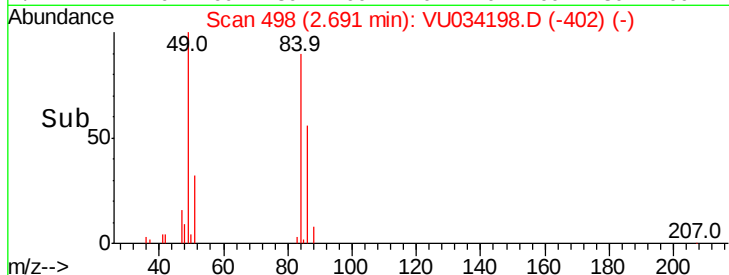
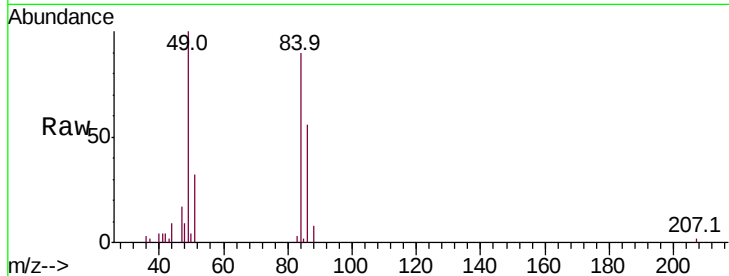
Ion Ratio Lower Upper

84 100

49 110.9 100.2 150.4

51 35.7 30.8 46.2

86 62.4 52.5 78.7



#33

1,2-Dichloroethane-d4

Concen: 49.315 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034198.D

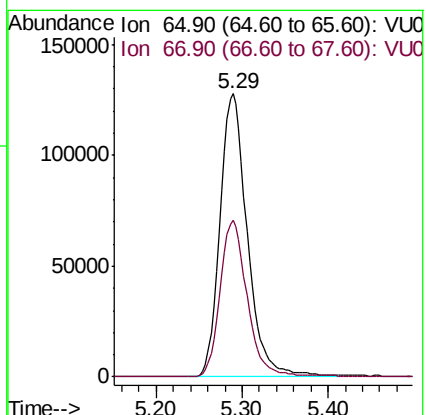
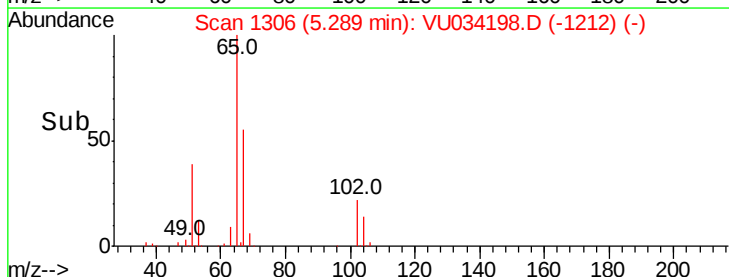
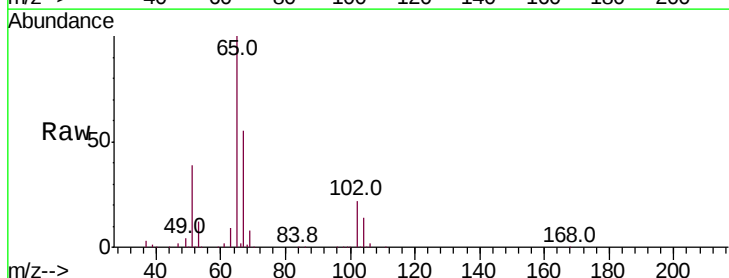
Acq: 02 Sep 2019 13:39

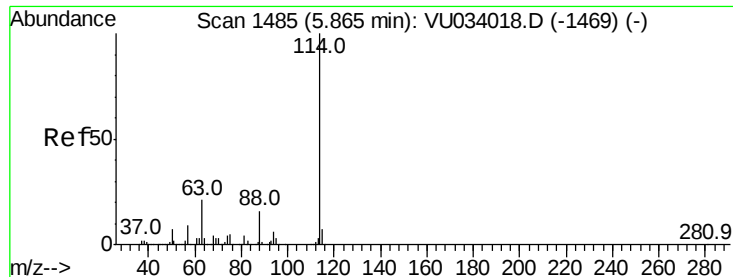
Tgt Ion: 65 Resp: 283855

Ion Ratio Lower Upper

65 100

67 54.7 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: VU034198.D

Acq: 02 Sep 2019 13:39

Instrument :

MSVOA_U

ClientSampleId :

T16-17-C2-(0)

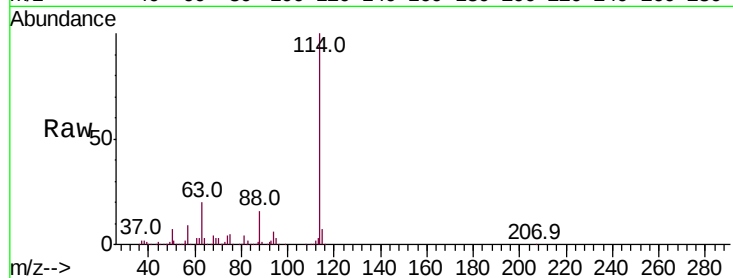
Tot Ion:114 Resp: 722208

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.0

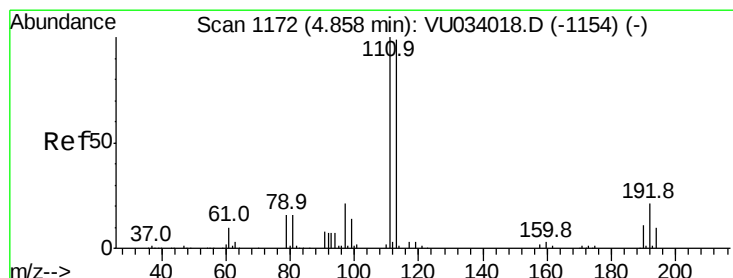
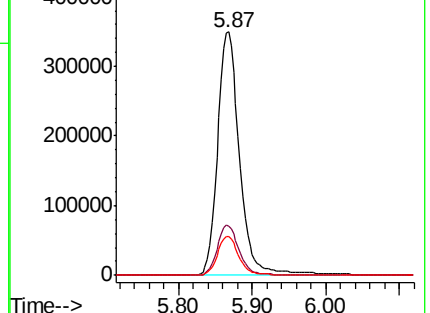
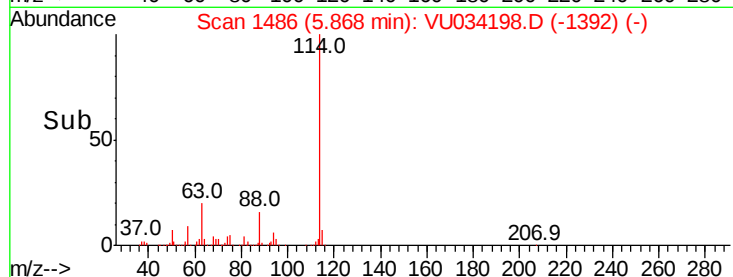
88 15.9 0.0 32.0



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: 47.438 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034198.D

Acq: 02 Sep 2019 13:39

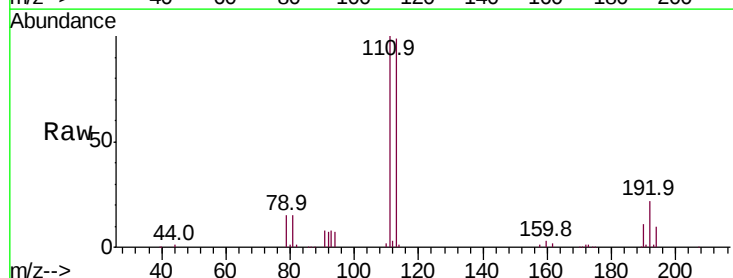
Tgt Ion:113 Resp: 237626

Ion Ratio Lower Upper

113 100

111 104.3 81.7 122.5

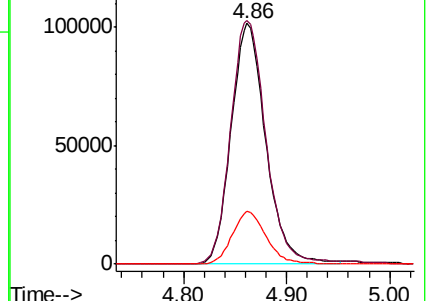
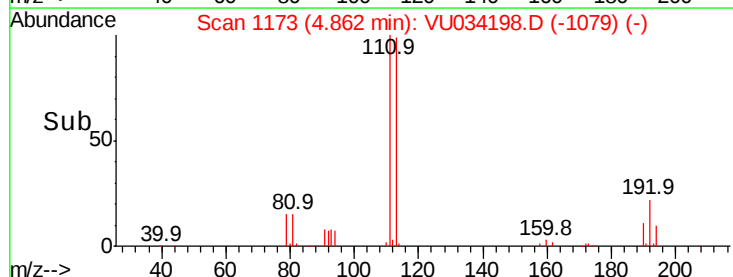
192 21.4 17.1 25.7

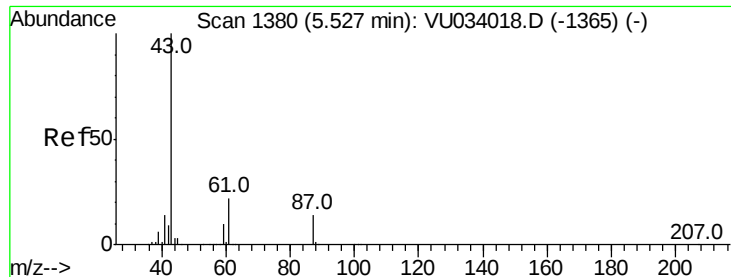


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 7.155 ug/l

RT: 5.53 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VU034198.D

Acq: 02 Sep 2019 13:39

Instrument :

MSVOA_U

ClientSampleId :

T16-17-C2-(0)

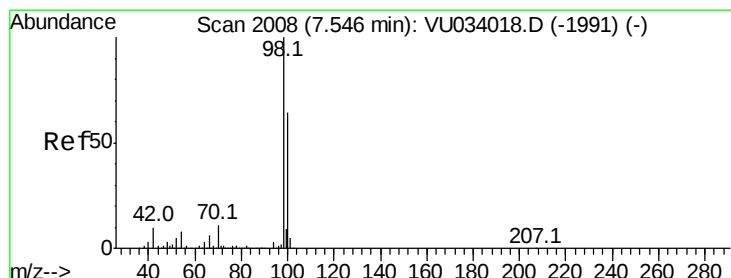
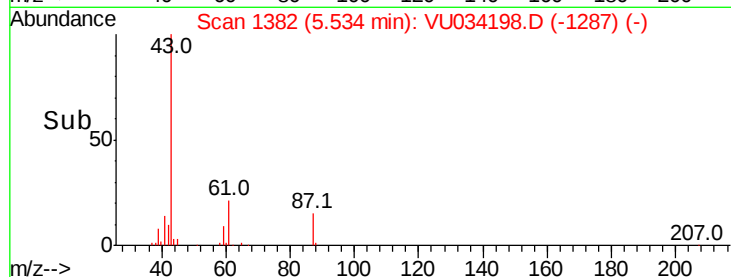
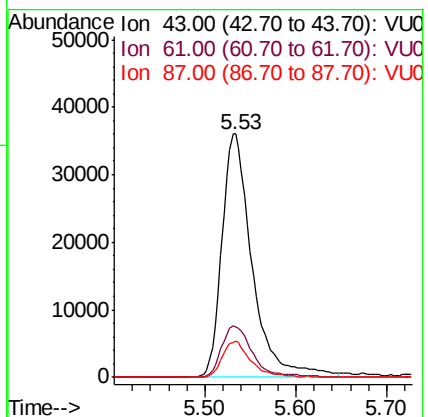
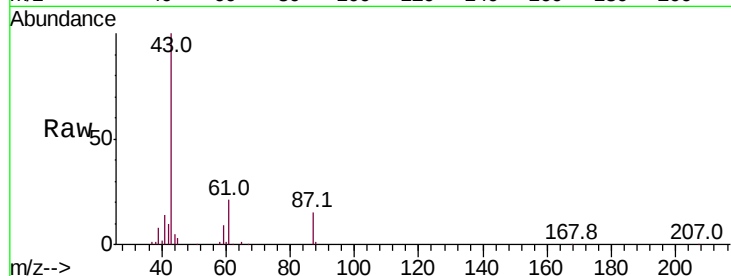
Tot Ion: 43 Resp: 83264

Ion Ratio Lower Upper

43 100

61 21.6 17.2 25.8

87 14.0 10.8 16.2



#50

Toluene-d8

Concen: 49.849 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034198.D

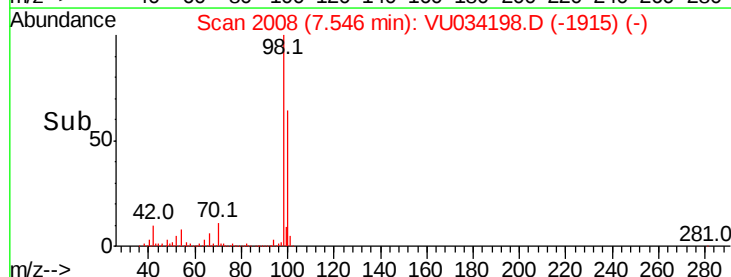
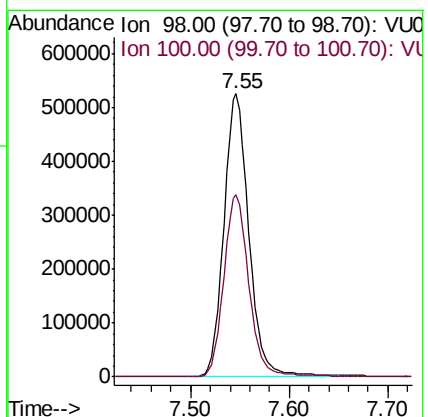
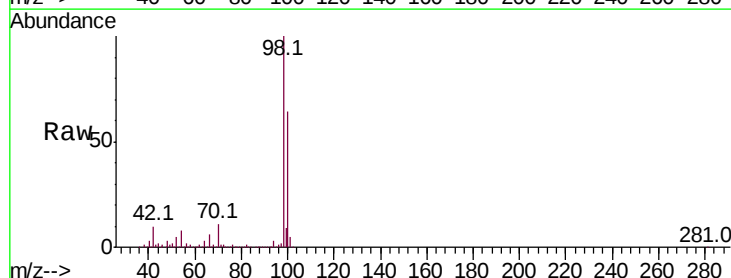
Acq: 02 Sep 2019 13:39

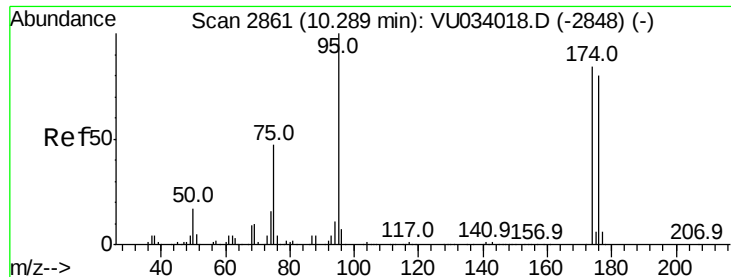
Tgt Ion: 98 Resp: 934975

Ion Ratio Lower Upper

98 100

100 64.8 50.3 75.5

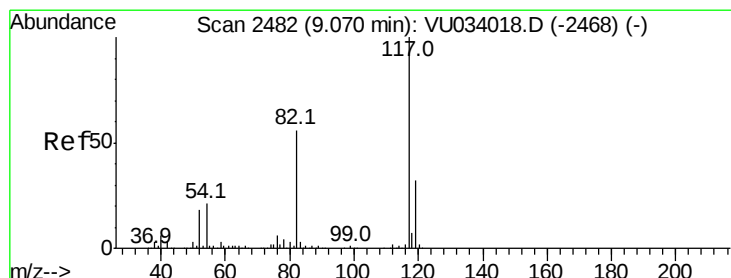
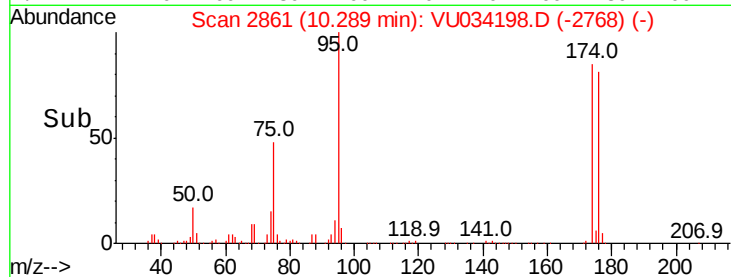
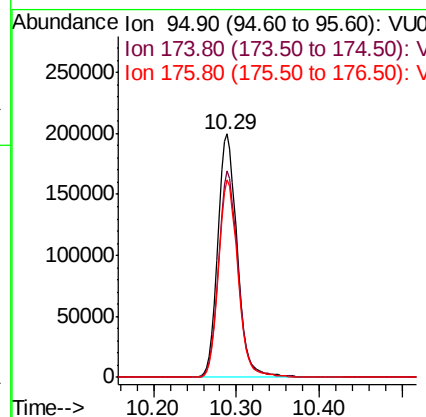
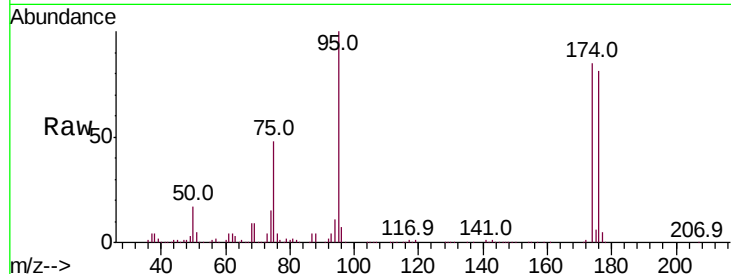




#62
4-Bromofluorobenzene
Concen: 44.594 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU034198.D
Acq: 02 Sep 2019 13:39

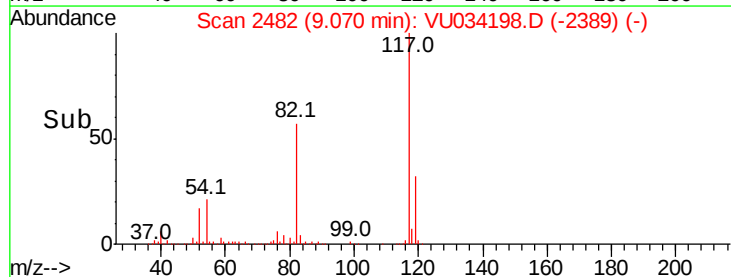
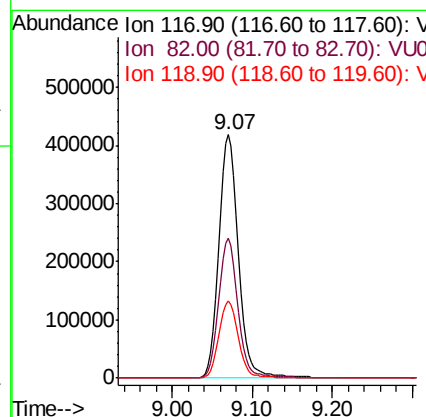
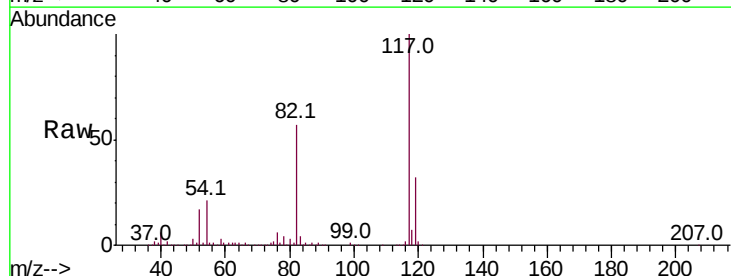
Instrument :
MSVOA_U
ClientSampleId :
T16-17-C2-(0)

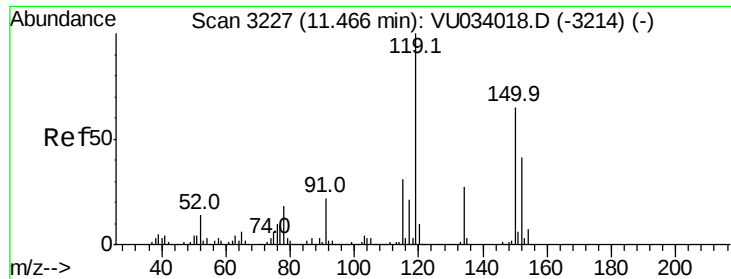
Tot Ion: 95 Resp: 325358
Ion Ratio Lower Upper
95 100
174 84.7 0.0 168.8
176 80.8 0.0 161.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034198.D
Acq: 02 Sep 2019 13:39

Tgt Ion: 117 Resp: 714307
Ion Ratio Lower Upper
117 100
82 57.2 45.1 67.7
119 31.5 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: VU034198.D

Acq: 02 Sep 2019 13:39

Instrument :

MSVOA_U

ClientSampleId :

T16-17-C2-(0)

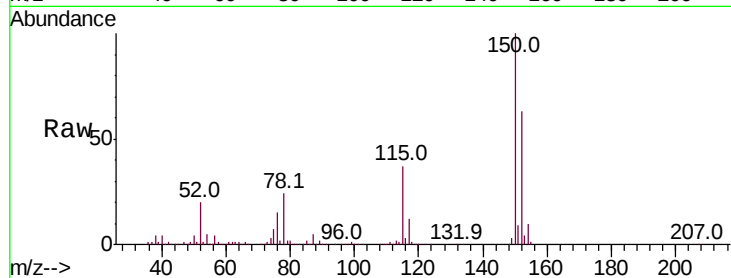
Tot Ion:152 Resp: 344607

Ion Ratio Lower Upper

152 100

115 57.9 41.1 123.3

150 155.4 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

