

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090319\
 Data File : VU034196.D
 Acq On : 02 Sep 2019 12:52
 Operator : JC/SP
 Sample : K4544-29
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T16-17-B4-(2.25)

Quant Time: Sep 03 07:05:37 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

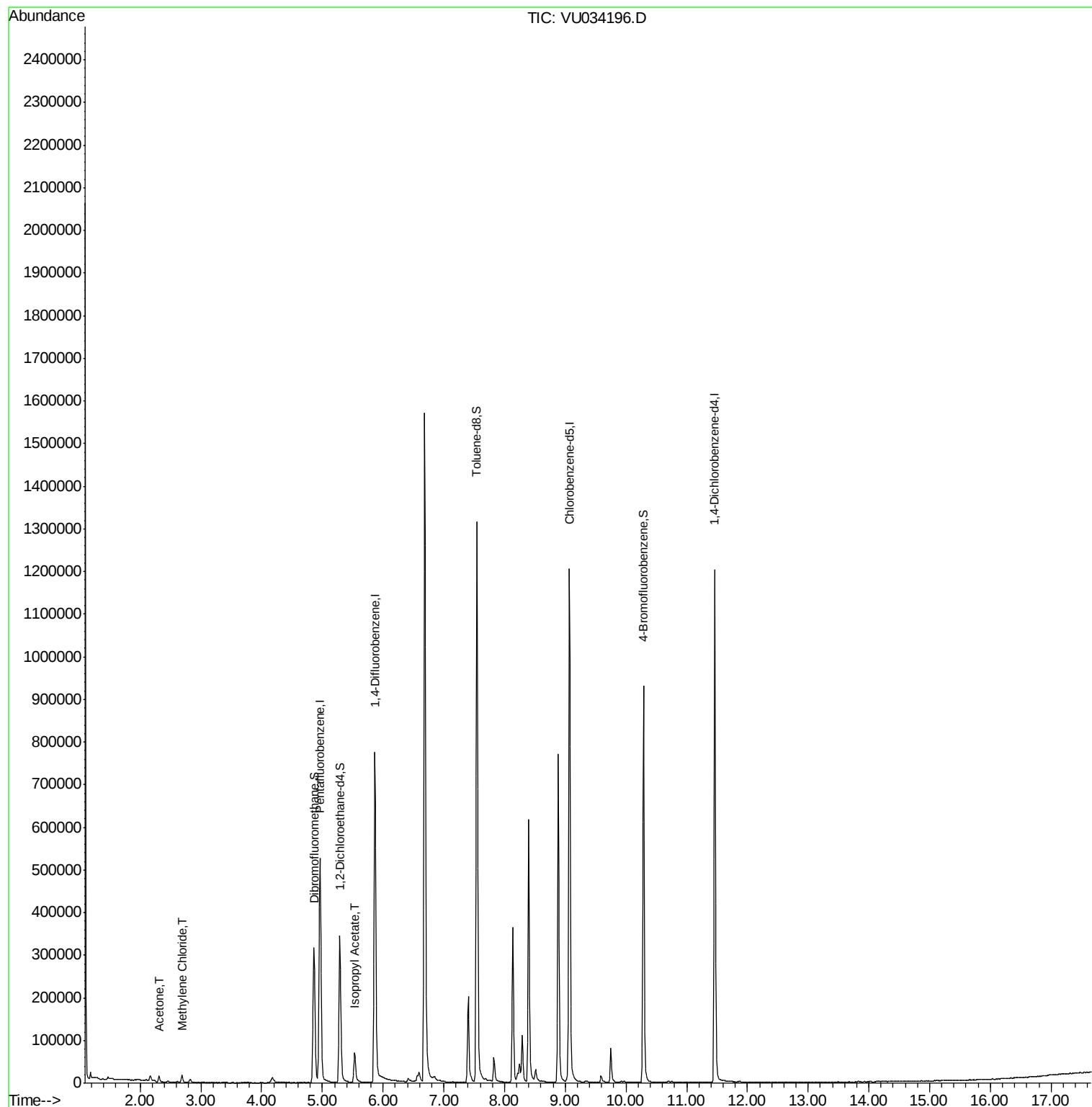
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	429199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	691590	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	698360	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	331346	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	274192	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
35) Dibromofluoromethane	4.86	113	227735	47.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.96%	
50) Toluene-d8	7.55	98	921490	51.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.60%	
62) 4-Bromofluorobenzene	10.29	95	316434	45.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.58%	
Target Compounds						
16) Acetone	2.31	43	15140	5.395	ug/l	99
20) Methylene Chloride	2.69	84	7641	1.438	ug/l	96
43) Isopropyl Acetate	5.53	43	82986	7.446	ug/l	99

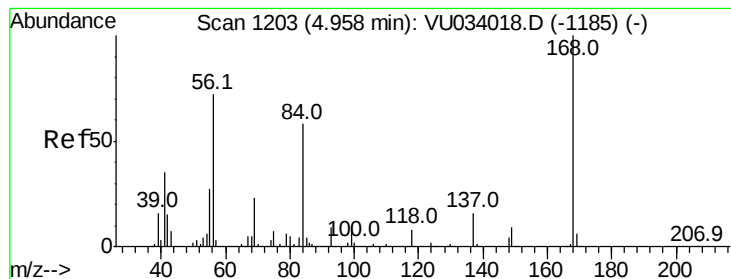
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU090319\
Data File : VU034196.D
Acq On : 02 Sep 2019 12:52
Operator : JC/SP
Sample : K4544-29
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
T16-17-B4-(2.25)

Quant Time: Sep 03 07:05:37 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 29 04:11:12 2019
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: VU034196.D

Acq: 02 Sep 2019 12:52

Instrument :

MSVOA_U

ClientSampleId :

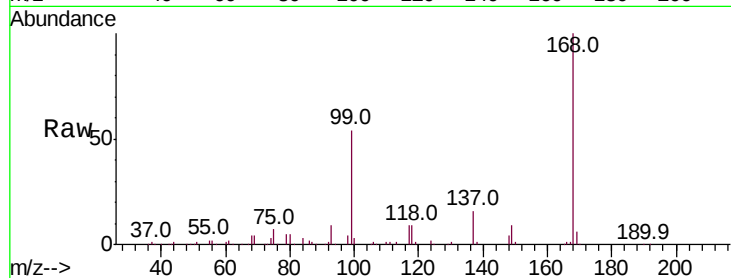
T16-17-B4-(2.25)

Tot Ion:168 Resp: 429199

Ion Ratio Lower Upper

168 100

99 54.2 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

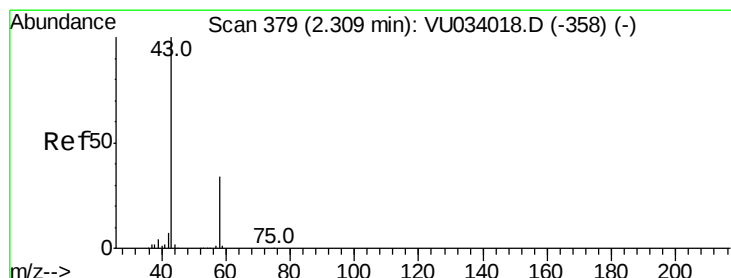
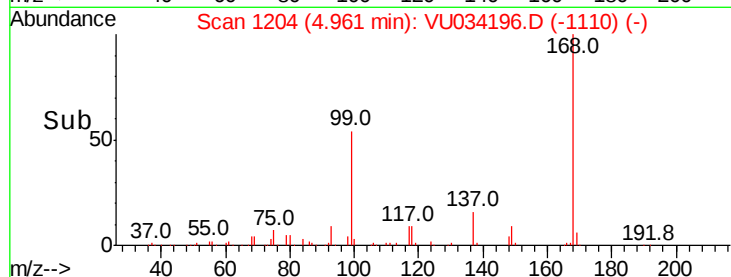
100000

50000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 5.395 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034196.D

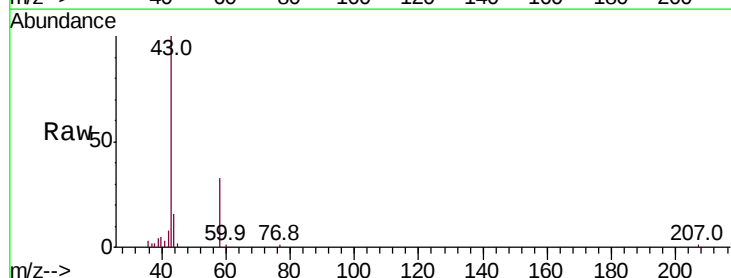
Acq: 02 Sep 2019 12:52

Tgt Ion: 43 Resp: 15140

Ion Ratio Lower Upper

43 100

58 33.0 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VU034018.D (-358) (-)

Ion 58.00 (57.70 to 58.70): VU034018.D (-358) (-)

2.31

10000

8000

6000

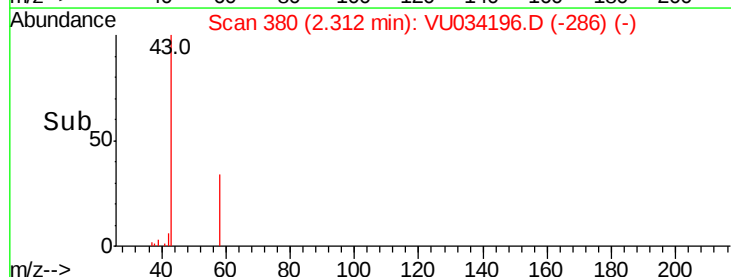
4000

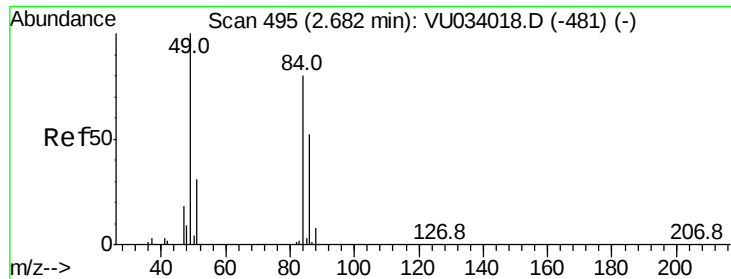
2000

0

2.25 2.30 2.35

Time-->

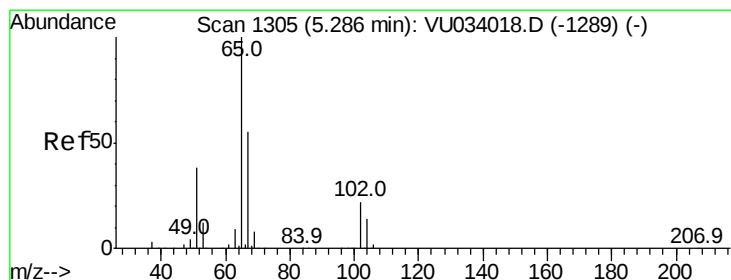
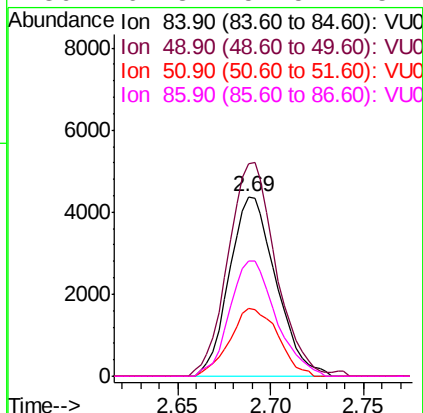
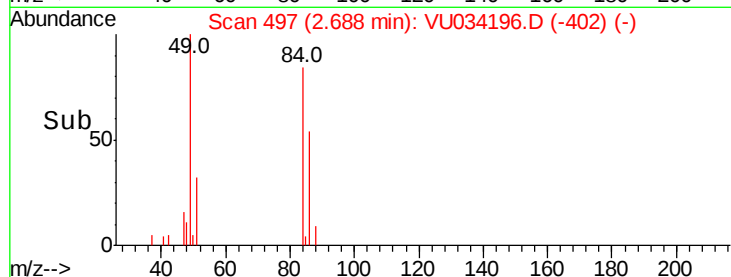
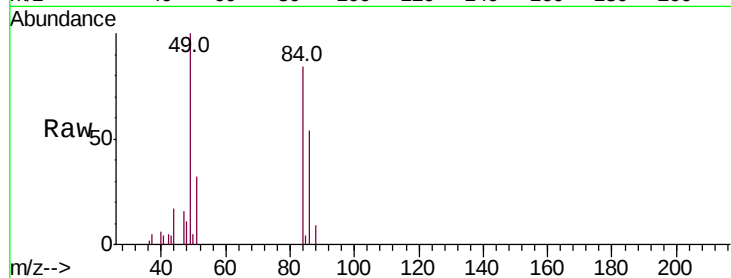




#20
Methvlene Chloride
Concen: 1.438 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.01 min
Lab File: VU034196.D
Acq: 02 Sep 2019 12:52

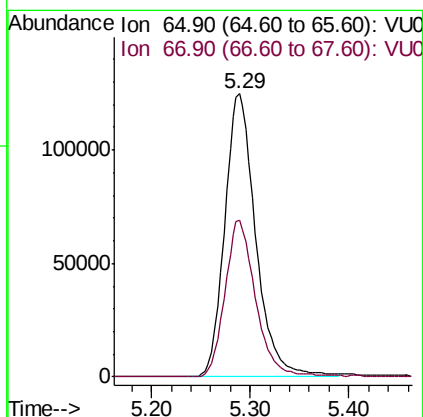
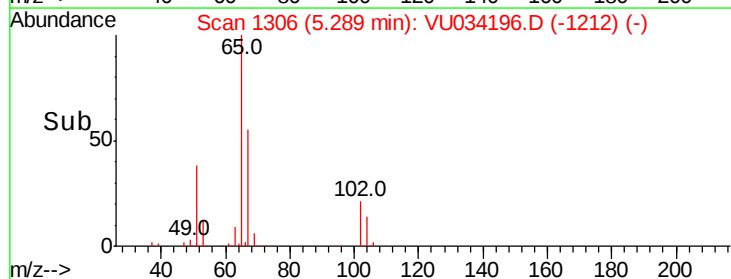
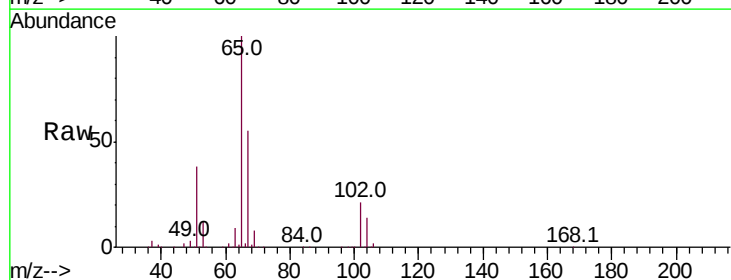
Instrument :
MSVOA_U
ClientSampleId :
T16-17-B4-(2.25)

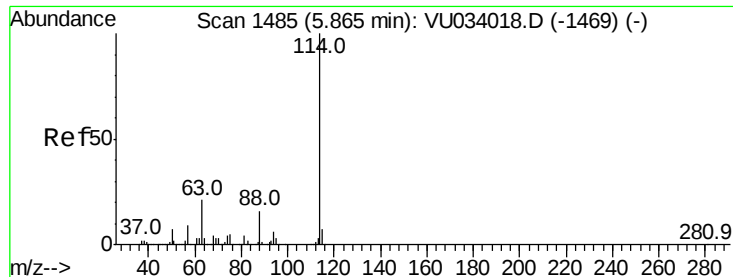
Tot Ion: 84 Resp: 7641
Ion Ratio Lower Upper
84 100
49 118.5 100.2 150.4
51 38.1 30.8 46.2
86 64.3 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 49.858 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034196.D
Acq: 02 Sep 2019 12:52

Tgt Ion: 65 Resp: 274192
Ion Ratio Lower Upper
65 100
67 54.9 0.0 110.6

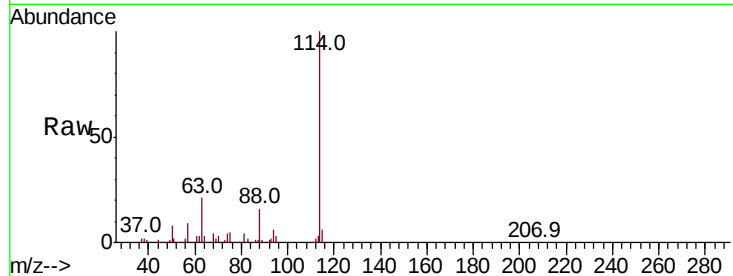




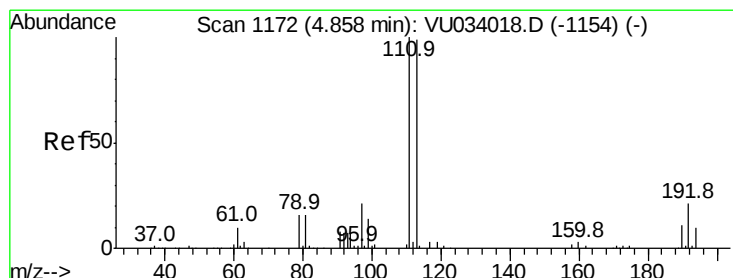
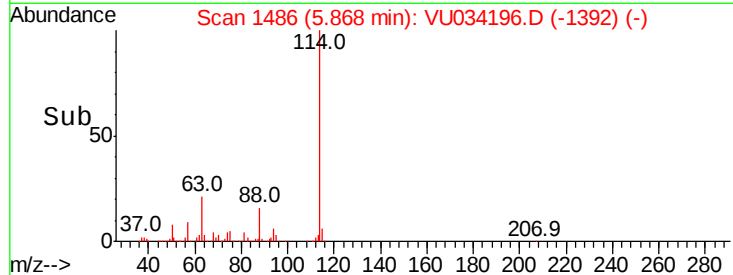
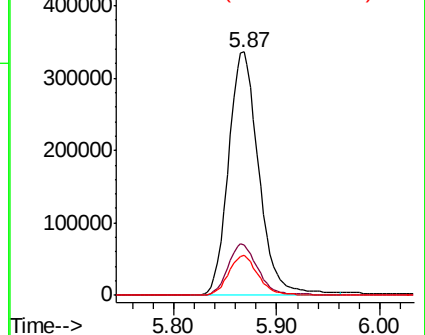
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.87 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VU034196.D
Acq: 02 Sep 2019 12:52

Instrument :
MSVOA_U
ClientSampleId :
T16-17-B4-(2.25)

Tot Ion:114 Resp: 691590
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.0
88 16.3 0.0 32.0

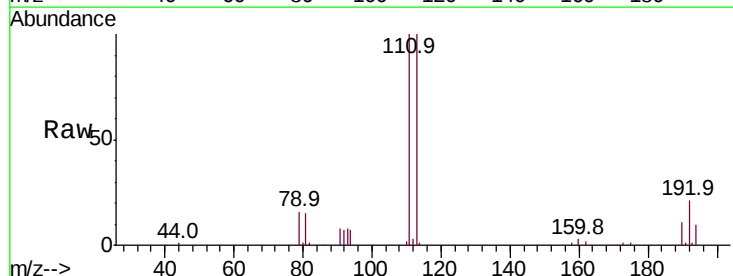


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VU0
Ion 87.90 (87.60 to 88.60): VU0

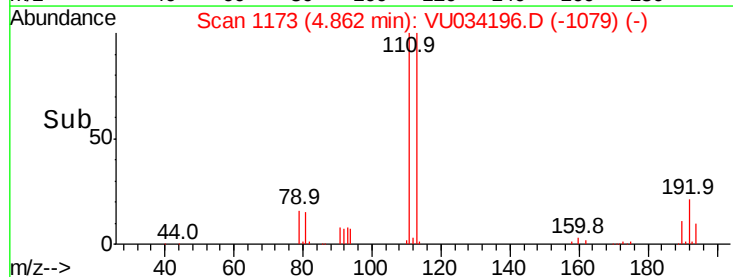
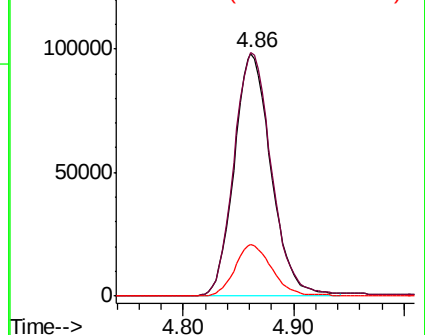


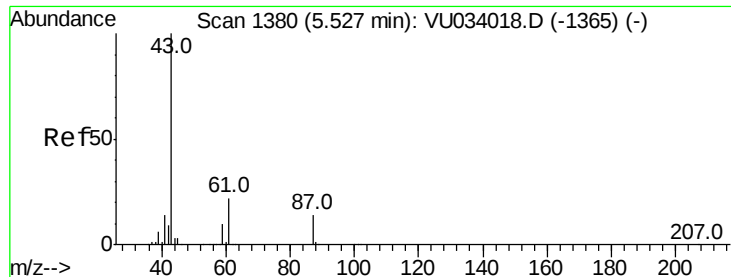
#35
Dibromofluoromethane
Concen: 47.476 ug/l
RT: 4.86 min Scan# 1173
Delta R.T. 0.00 min
Lab File: VU034196.D
Acq: 02 Sep 2019 12:52

Tgt Ion:113 Resp: 227735
Ion Ratio Lower Upper
113 100
111 102.5 81.7 122.5
192 21.5 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: 7.446 ug/l

RT: 5.53 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VU034196.D

Acq: 02 Sep 2019 12:52

Instrument :

MSVOA_U

ClientSampleId :

T16-17-B4-(2.25)

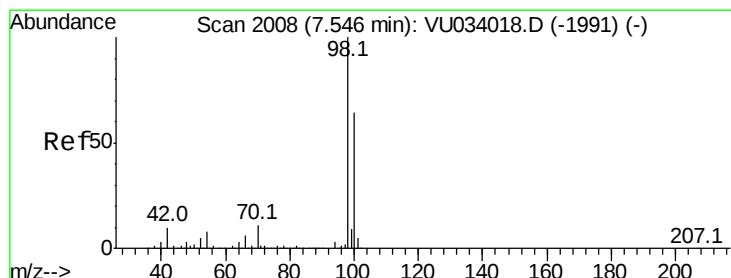
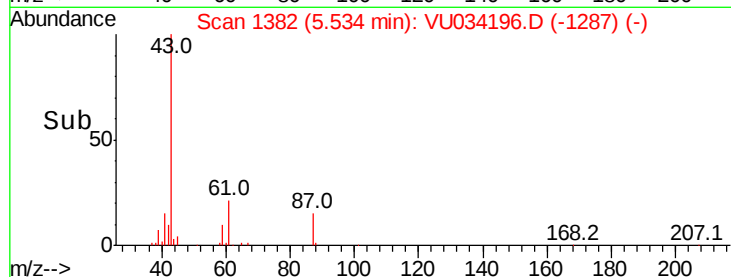
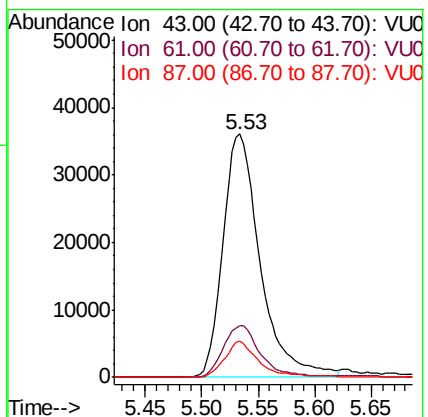
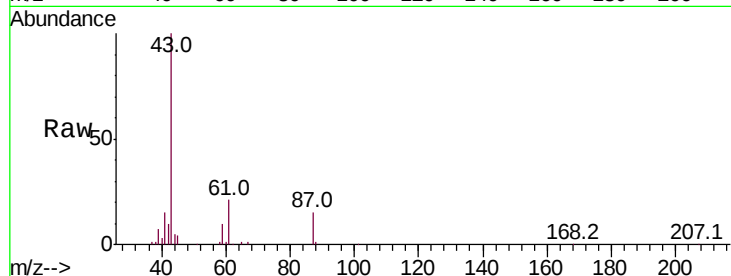
Tot Ion: 43 Resp: 82986

Ion Ratio Lower Upper

43 100

61 20.8 17.2 25.8

87 13.5 10.8 16.2



#50

Toluene-d8

Concen: 51.305 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034196.D

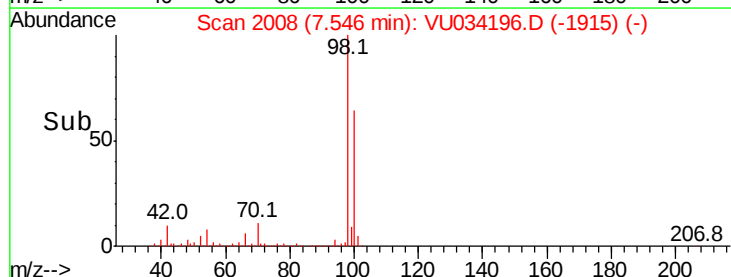
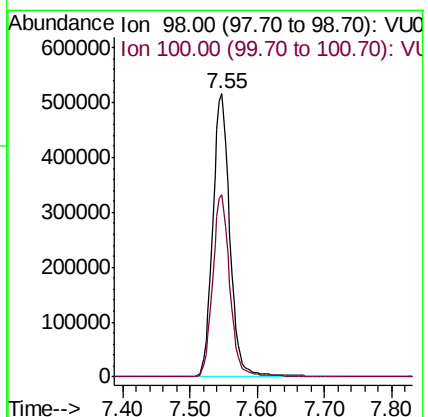
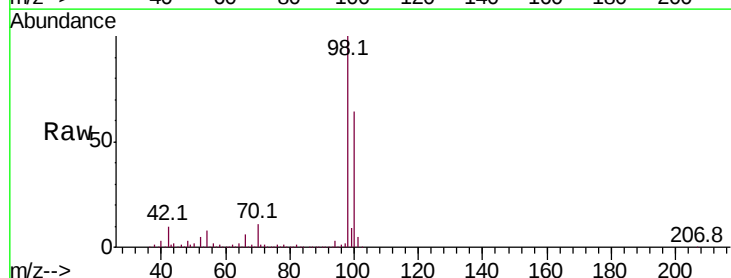
Acq: 02 Sep 2019 12:52

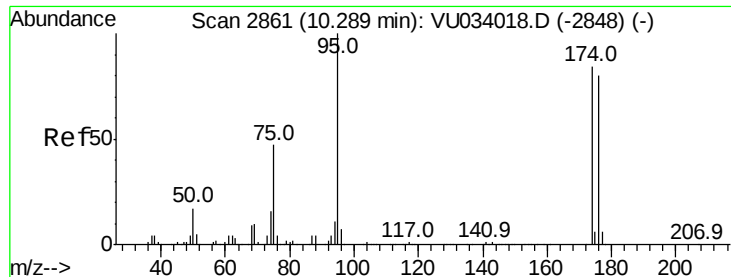
Tgt Ion: 98 Resp: 921490

Ion Ratio Lower Upper

98 100

100 64.3 50.3 75.5





#62

4-Bromofluorobenzene

Concen: 45.291 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034196.D

Acq: 02 Sep 2019 12:52

Instrument :

MSVOA_U

ClientSampleId :

T16-17-B4-(2.25)

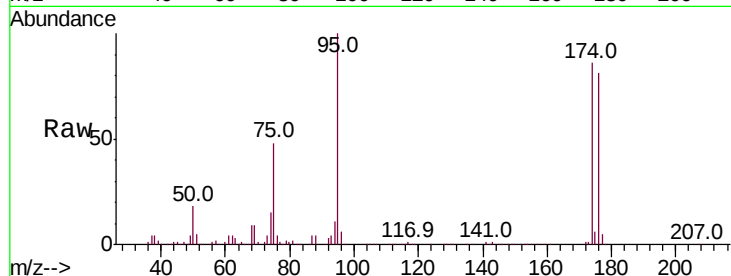
Tot Ion: 95 Resp: 316434

Ion Ratio Lower Upper

95 100

174 85.1 0.0 168.8

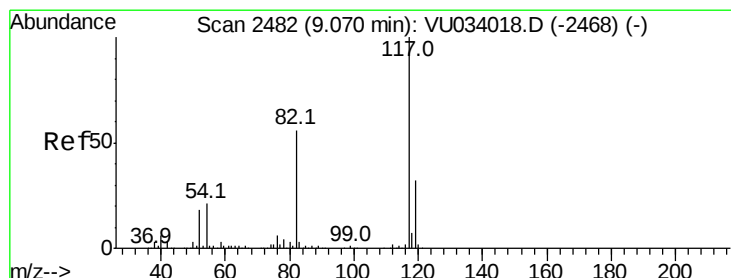
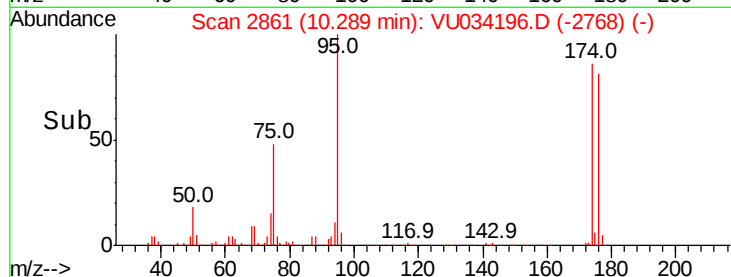
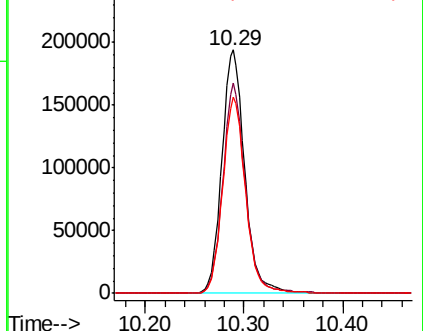
176 80.8 0.0 161.8



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. 0.00 min

Lab File: VU034196.D

Acq: 02 Sep 2019 12:52

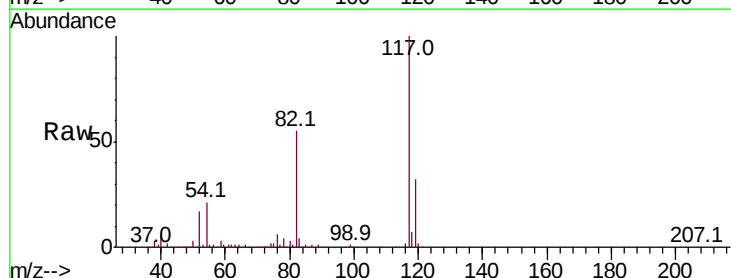
Tgt Ion: 117 Resp: 698360

Ion Ratio Lower Upper

117 100

82 55.3 45.1 67.7

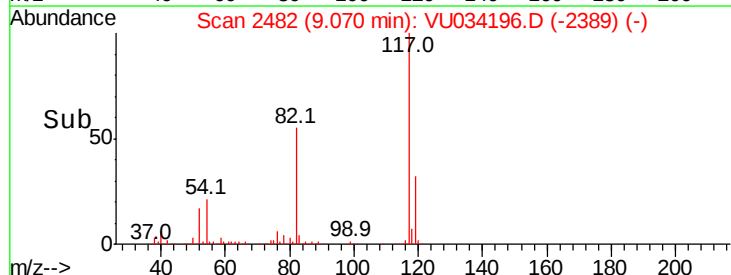
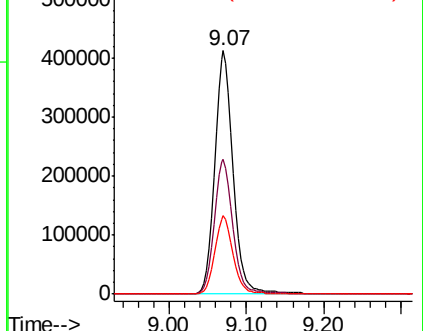
119 32.1 25.4 38.0

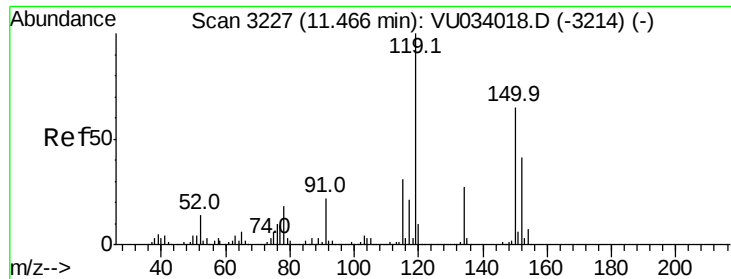


Abundance Ion 116.90 (116.60 to 117.60): V

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: VU034196.D

Acq: 02 Sep 2019 12:52

Instrument :

MSVOA_U

ClientSampleId :

T16-17-B4-(2.25)

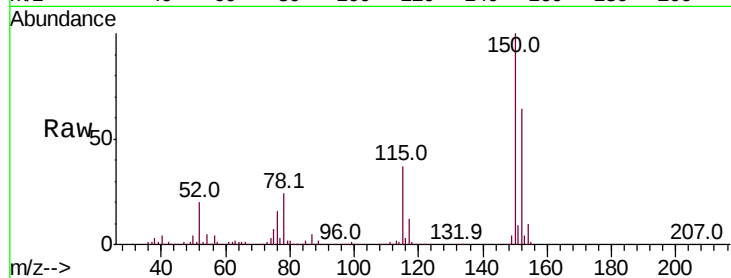
Tot Ion:152 Resp: 331346

Ion Ratio Lower Upper

152 100

115 57.9 41.1 123.3

150 157.0 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

