

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090319\
 Data File : VU034208.D
 Acq On : 02 Sep 2019 17:32
 Operator : JC/SP
 Sample : K4545-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T16-17-E4-(0)

Quant Time: Sep 03 07:24:13 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

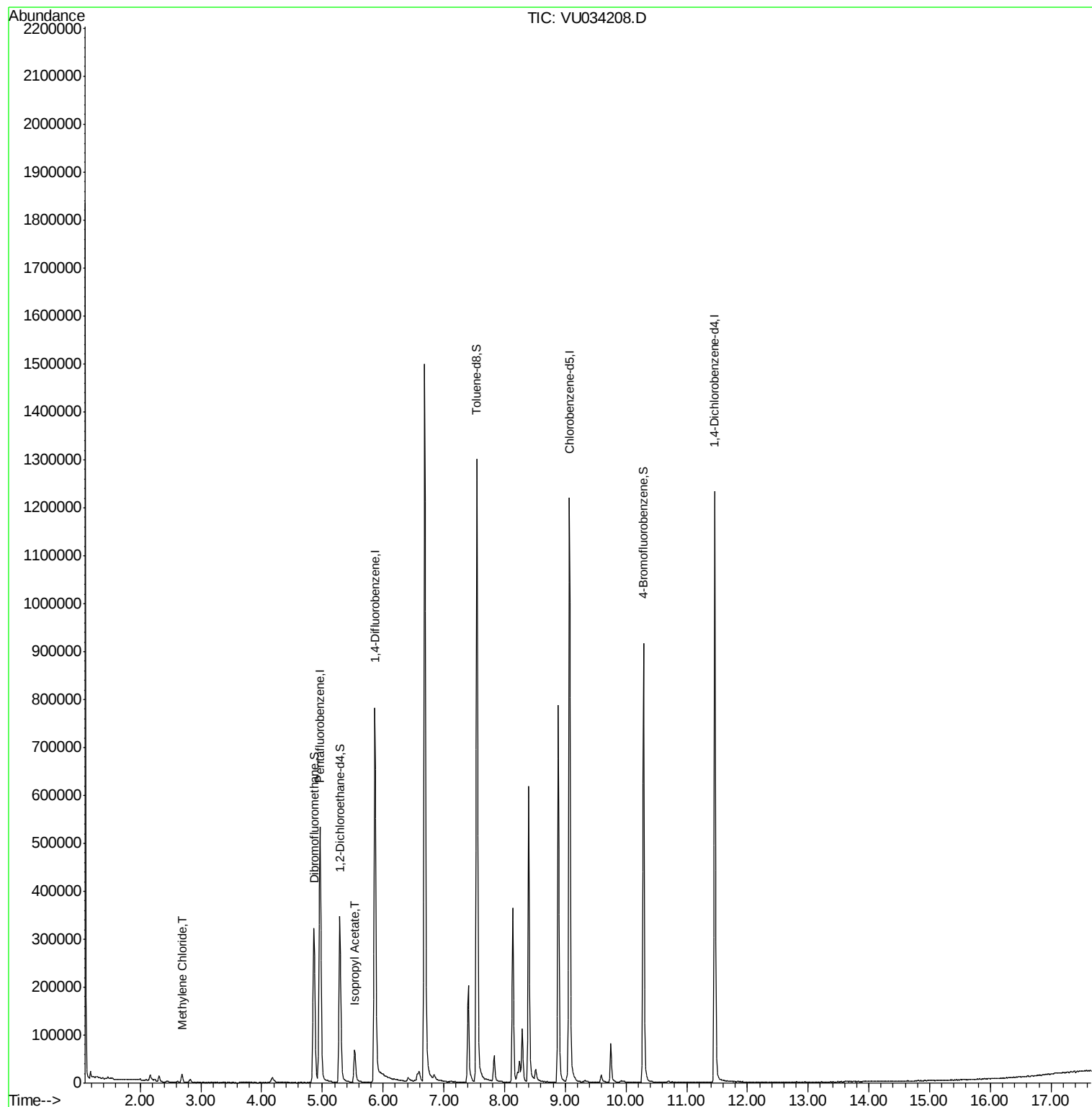
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	428917	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	680076	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	703624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	335837	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	277017	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.80%	
35) Dibromofluoromethane	4.86	113	230615	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
50) Toluene-d8	7.55	98	909868	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
62) 4-Bromofluorobenzene	10.29	95	314390	45.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.52%	
Target Compounds						
20) Methylene Chloride	2.69	84	8133	1.532	ug/l	90
43) Isopropyl Acetate	5.53	43	82113	7.493	ug/l	99

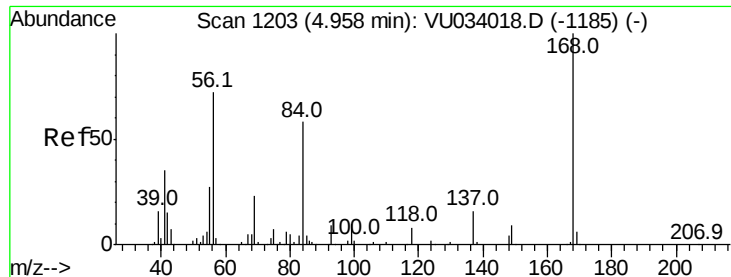
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034208.D

Acq: 02 Sep 2019 17:32

Instrument :

MSVOA_U

ClientSampleId :

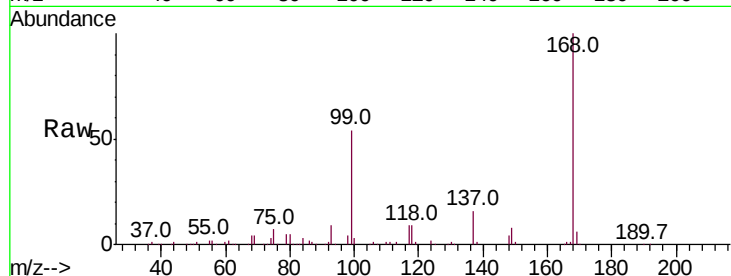
T16-17-E4-(0)

Tot Ion:168 Resp: 428917

Ion Ratio Lower Upper

168 100

99 53.9 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034208.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU034208.D (-1185) (-)

4.96

200000

150000

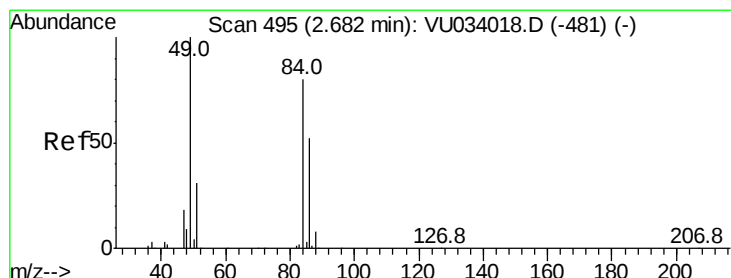
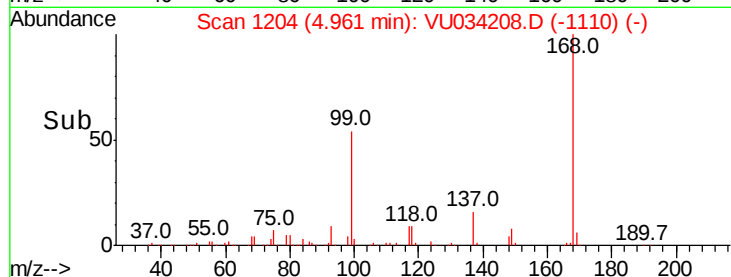
100000

50000

0

4.90 5.00 5.10

Time-->



#20

Methylene Chloride

Concen: 1.532 ug/l

RT: 2.69 min Scan# 497

Delta R.T. 0.01 min

Lab File: VU034208.D

Acq: 02 Sep 2019 17:32

Tgt Ion: 84 Resp: 8133

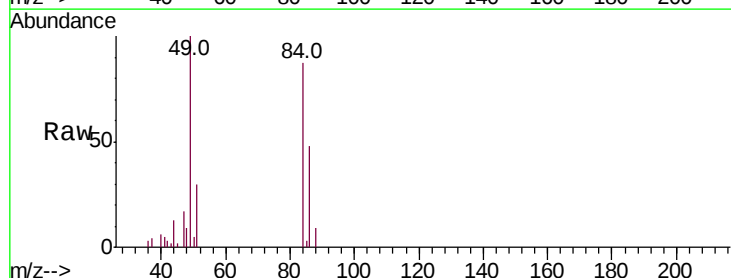
Ion Ratio Lower Upper

84 100

49 114.8 100.2 150.4

51 34.7 30.8 46.2

86 54.5 52.5 78.7



Abundance Ion 83.90 (83.60 to 84.60): VU034208.D (-481) (-)

Ion 48.90 (48.60 to 49.60): VU034208.D (-481) (-)

Ion 50.90 (50.60 to 51.60): VU034208.D (-481) (-)

Ion 85.90 (85.60 to 86.60): VU034208.D (-481) (-)

8000

6000

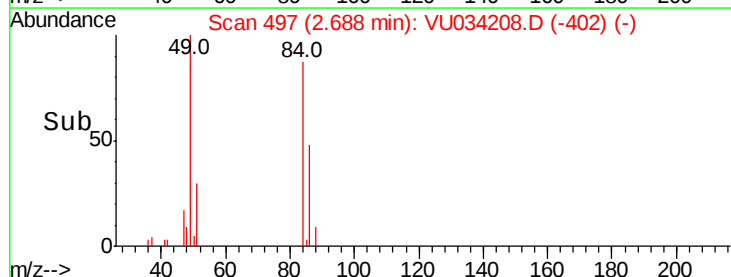
4000

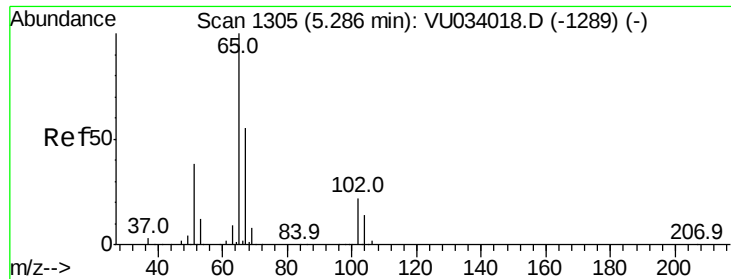
2000

0

2.65 2.70 2.75

Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.404 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034208.D

Acq: 02 Sep 2019 17:32

Instrument :

MSVOA_U

ClientSampleId :

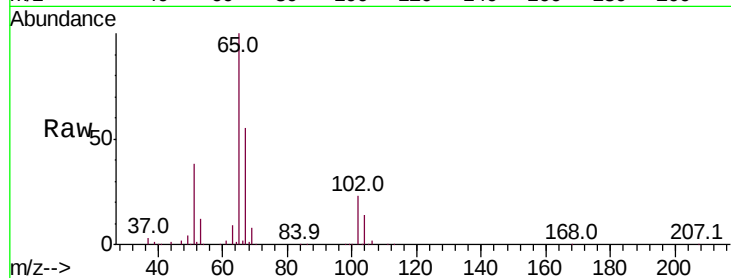
T16-17-E4-(0)

Tot Ion: 65 Resp: 277017

Ion Ratio Lower Upper

65 100

67 54.9 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU034208.D (-1289) (-)

Ion 66.90 (66.60 to 67.60): VU034208.D (-1289) (-)

5.29

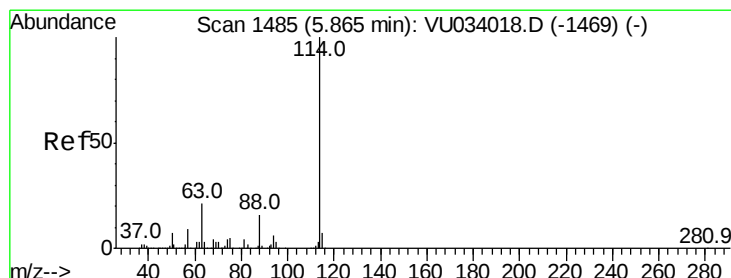
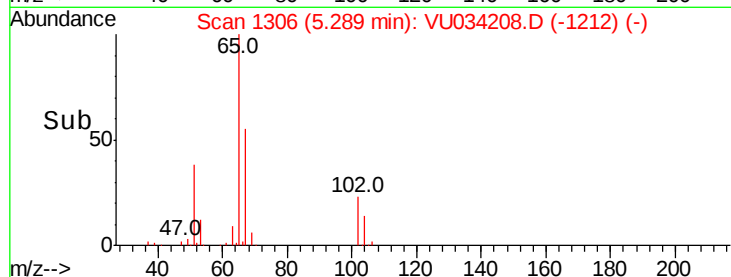
100000

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: VU034208.D

Acq: 02 Sep 2019 17:32

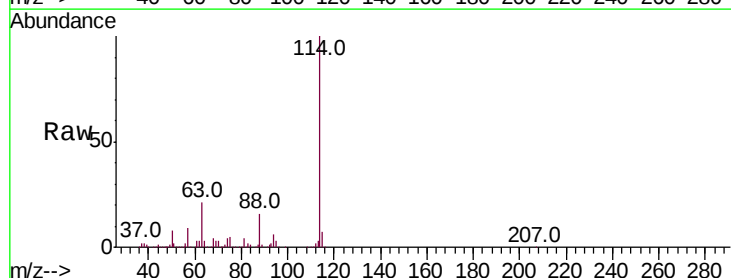
Tgt Ion: 114 Resp: 680076

Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.0

88 16.2 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): VU034208.D (-1469) (-)

Ion 63.00 (62.70 to 63.70): VU034208.D (-1469) (-)

Ion 87.90 (87.60 to 88.60): VU034208.D (-1469) (-)

5.87

400000

300000

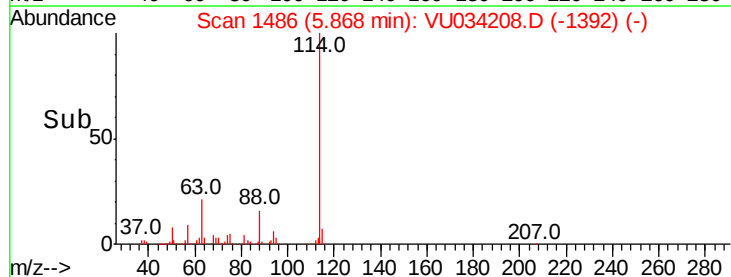
200000

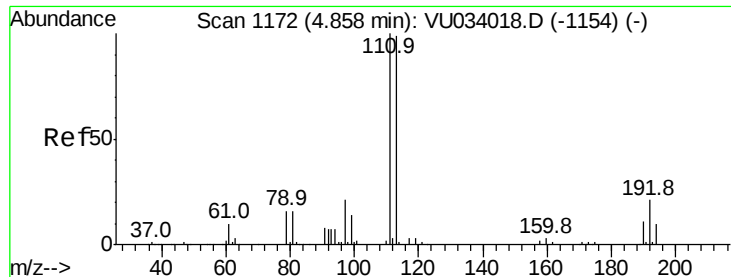
100000

0

Time-->

5.80 5.85 5.90 5.95

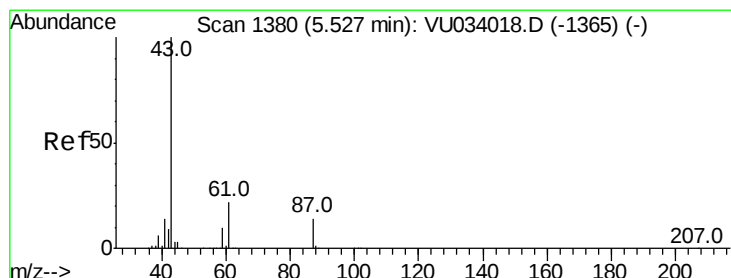
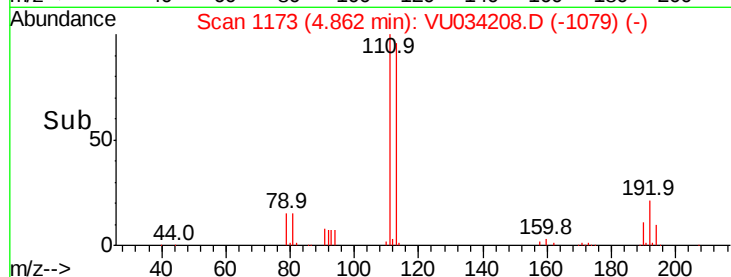
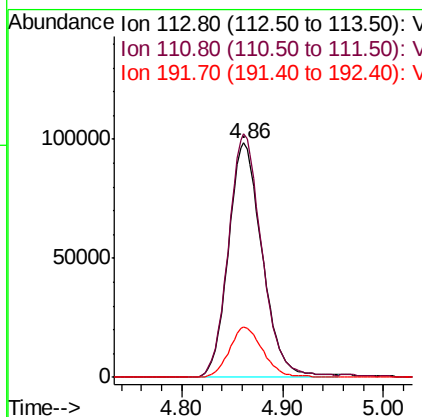
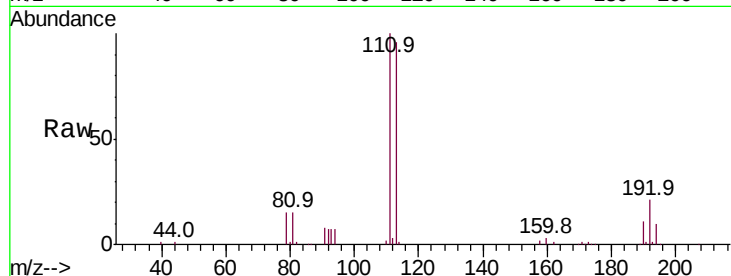




#35
 Dibromofluoromethane
 Concen: 48.891 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034208.D
 Acq: 02 Sep 2019 17:32

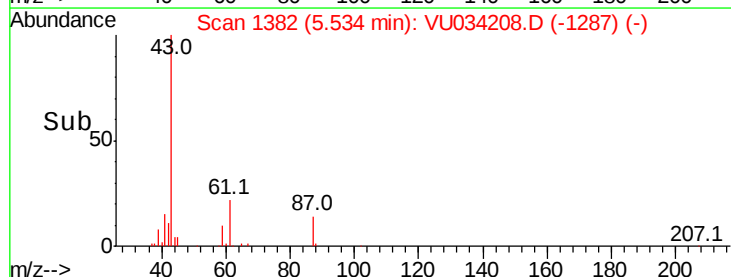
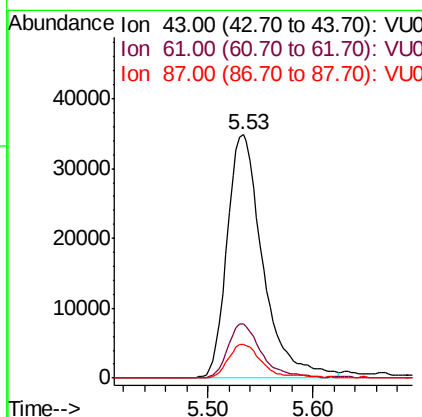
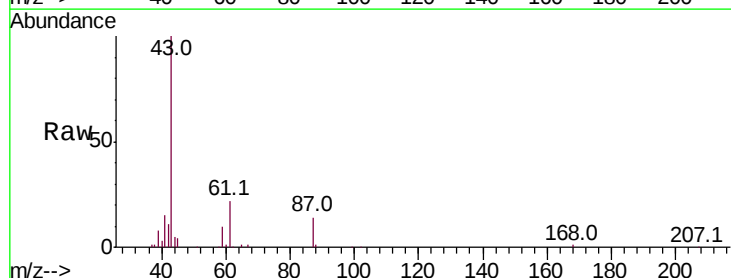
Instrument :
 MSVOA_U
 ClientSampleId :
 T16-17-E4-(0)

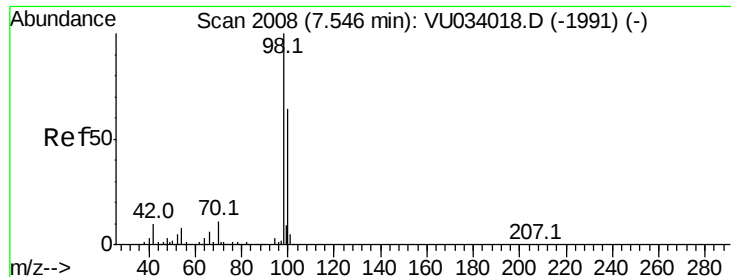
Tot Ion:	113	Resp:	230615
Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.7	122.5
192	21.3	17.1	25.7



#43
 Isopropyl Acetate
 Concen: 7.493 ug/l
 RT: 5.53 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: VU034208.D
 Acq: 02 Sep 2019 17:32

Tgt Ion:	43	Resp:	82113
Ion	Ratio	Lower	Upper
43	100		
61	20.8	17.2	25.8
87	13.3	10.8	16.2





#50

Toluene-d8

Concen: 51.516 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU034208.D

Acq: 02 Sep 2019 17:32

Instrument :

MSVOA_U

ClientSampleId :

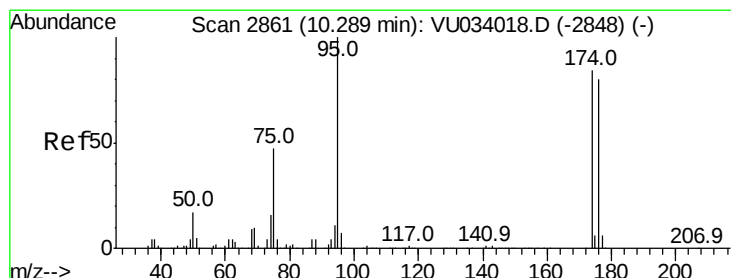
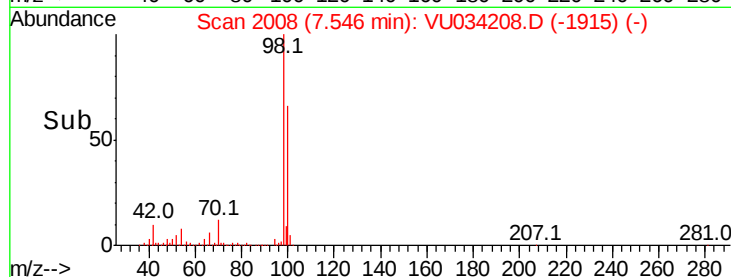
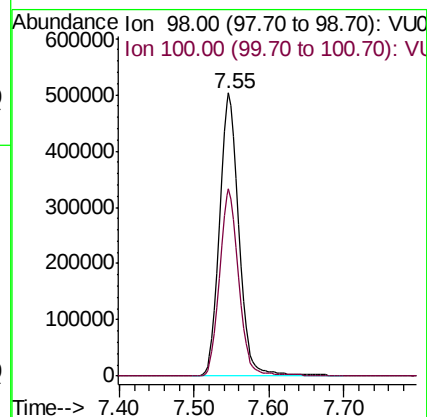
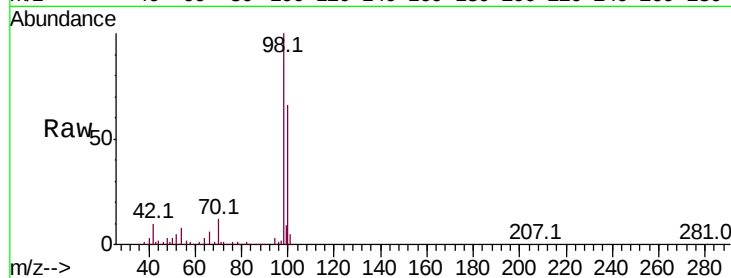
T16-17-E4-(0)

Tot Ion: 98 Resp: 909868

Ion Ratio Lower Upper

98 100

100 65.3 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 45.760 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.00 min

Lab File: VU034208.D

Acq: 02 Sep 2019 17:32

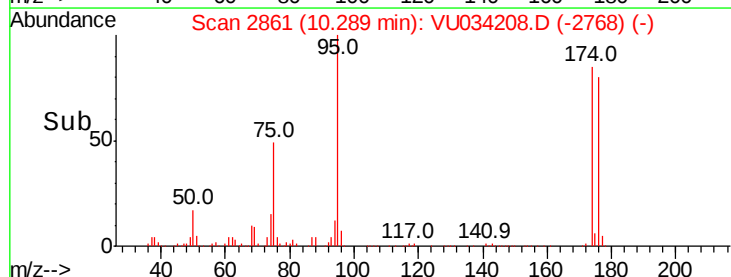
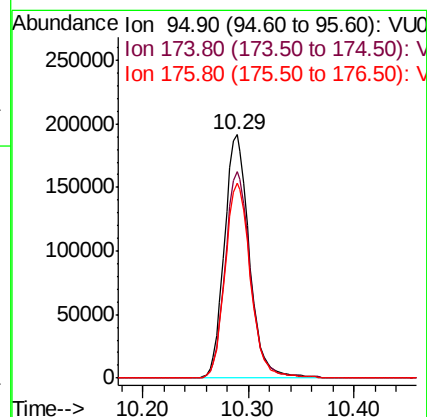
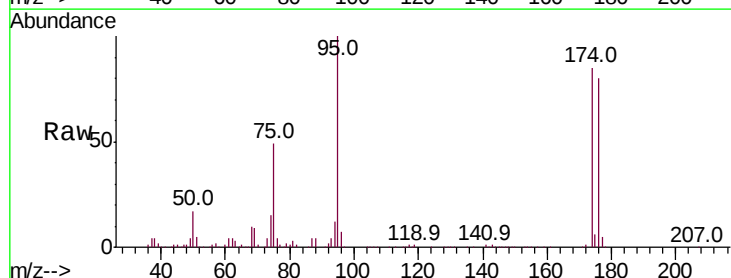
Tgt Ion: 95 Resp: 314390

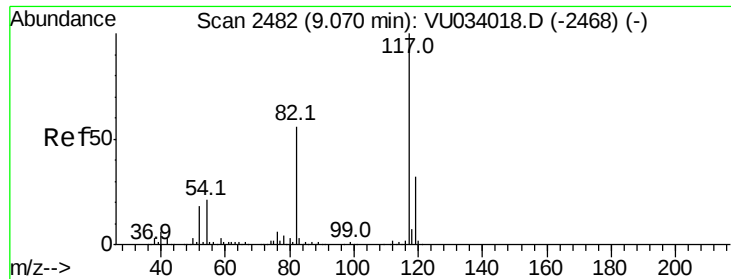
Ion Ratio Lower Upper

95 100

174 85.9 0.0 168.8

176 81.5 0.0 161.8

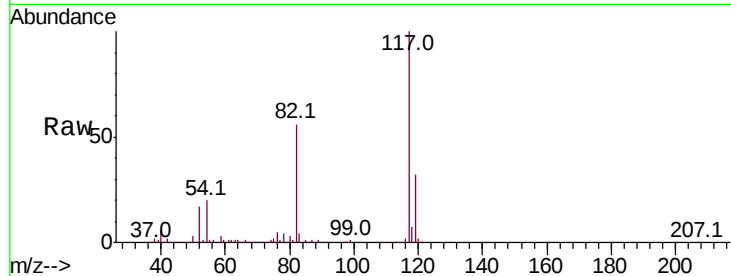




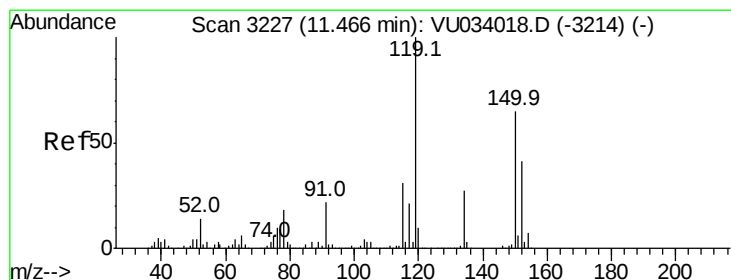
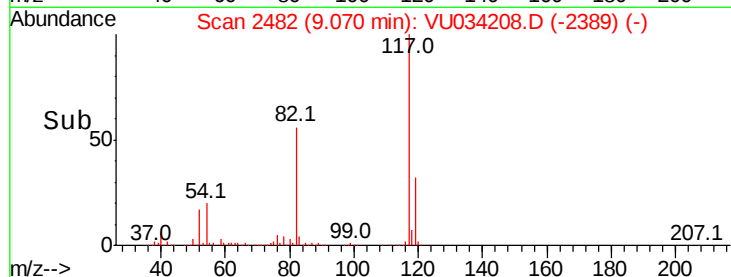
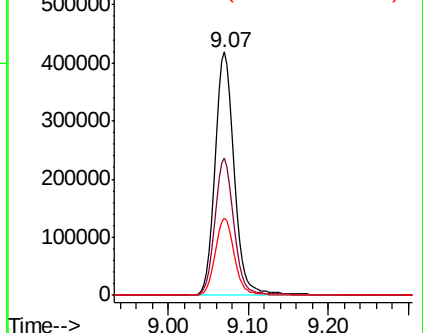
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034208.D
Acq: 02 Sep 2019 17:32

Instrument :
MSVOA_U
ClientSampleId :
T16-17-E4-(0)

Tot Ion:117 Resp: 703624
Ion Ratio Lower Upper
117 100
82 56.2 45.1 67.7
119 31.9 25.4 38.0

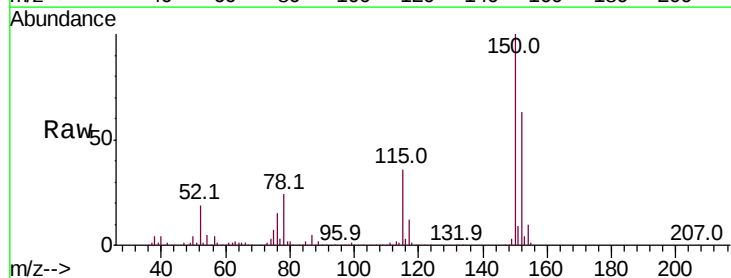


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VU034208.D
Acq: 02 Sep 2019 17:32

Tgt Ion:152 Resp: 335837
Ion Ratio Lower Upper
152 100
115 56.7 41.1 123.3
150 159.0 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

