

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090319\
 Data File : VU034205.D
 Acq On : 02 Sep 2019 16:22
 Operator : JC/SP
 Sample : K4544-40
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T16-17-E1-(0)

Quant Time: Sep 03 07:19:47 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

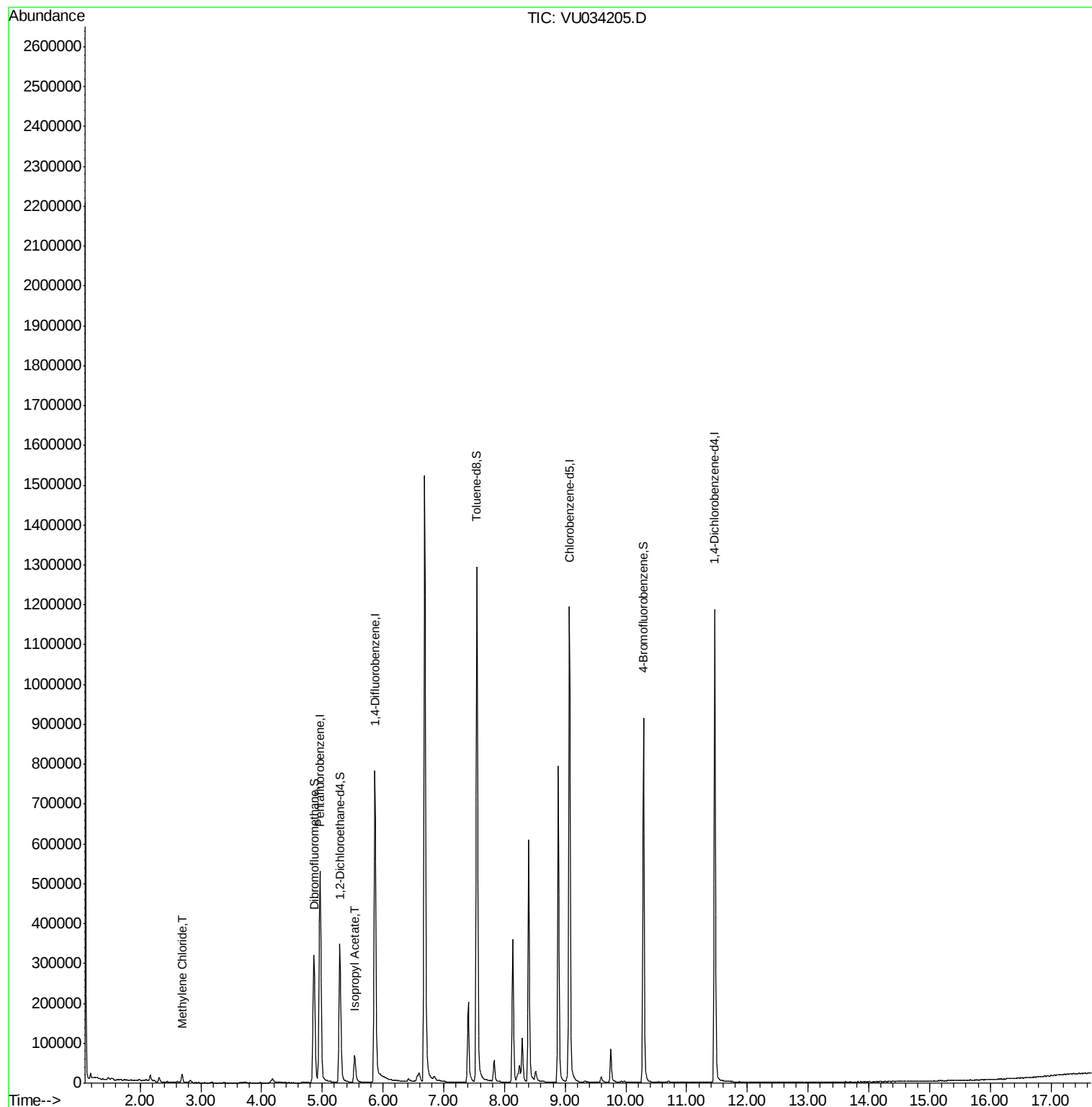
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	429589	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	706186	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	693224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	330779	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	276730	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
35) Dibromofluoromethane	4.86	113	230669	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	
50) Toluene-d8	7.55	98	917484	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
62) 4-Bromofluorobenzene	10.29	95	313700	43.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.94%	
Target Compounds						
20) Methylene Chloride	2.69	84	9907	1.863	ug/l	97
43) Isopropyl Acetate	5.53	43	81904	7.197	ug/l	99

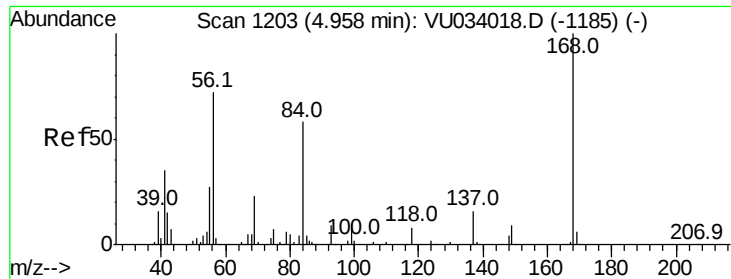
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1205

Delta R.T. 0.01 min

Lab File: VU034205.D

Acq: 02 Sep 2019 16:22

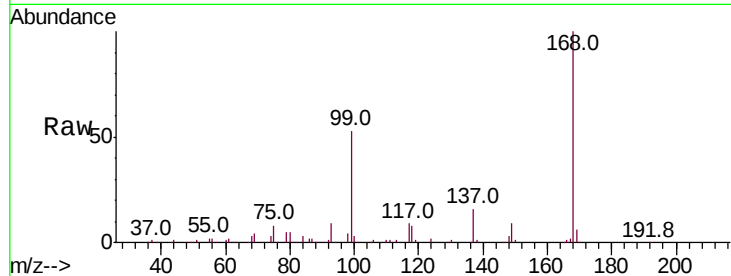
Instrument :
MSVOA_U
ClientSampleId :
T16-17-E1-(0)

Tot Ion:168 Resp: 429589

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

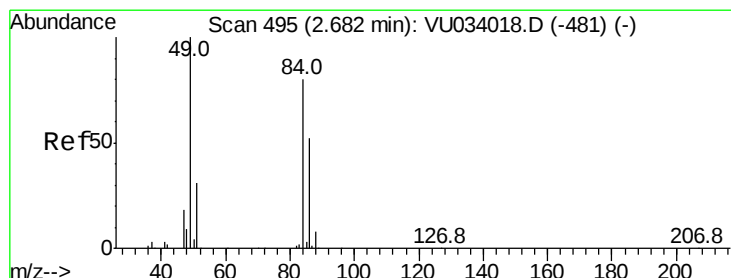
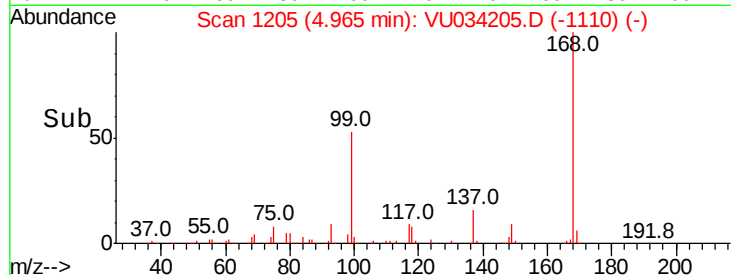
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 1.863 ug/l

RT: 2.69 min Scan# 497

Delta R.T. 0.01 min

Lab File: VU034205.D

Acq: 02 Sep 2019 16:22

Tgt Ion: 84 Resp: 9907

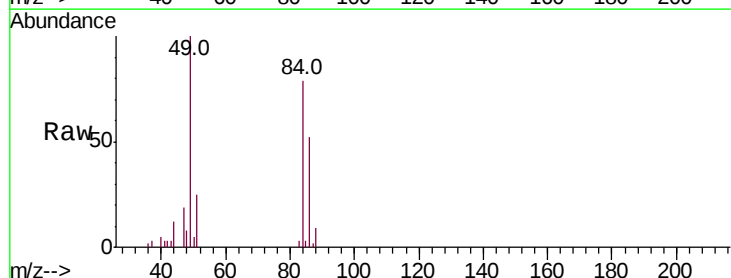
Ion Ratio Lower Upper

84 100

49 127.0 100.2 150.4

51 31.6 30.8 46.2

86 65.6 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) (-)

2.69

10000

8000

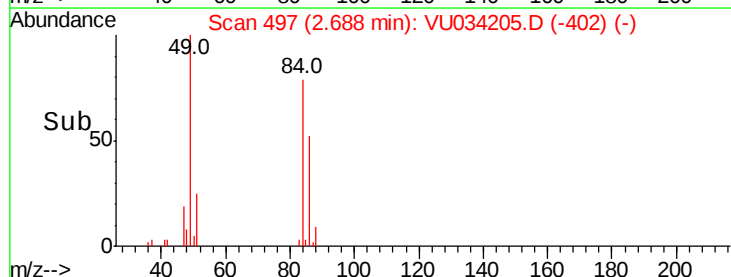
6000

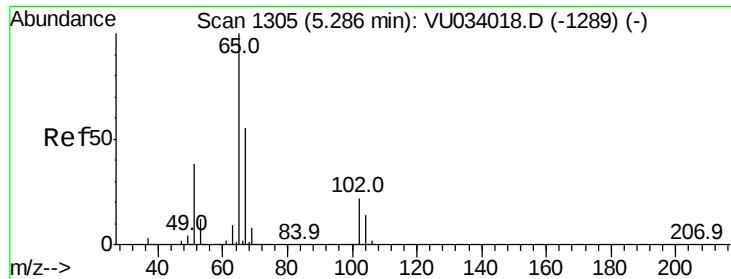
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.273 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

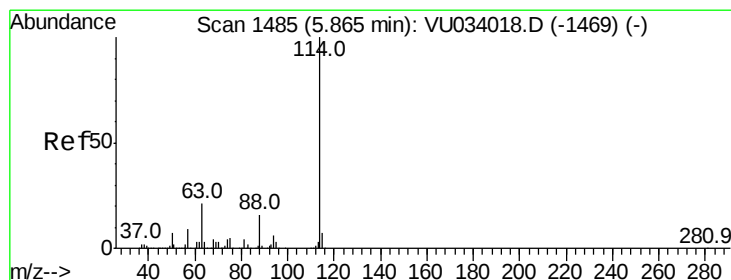
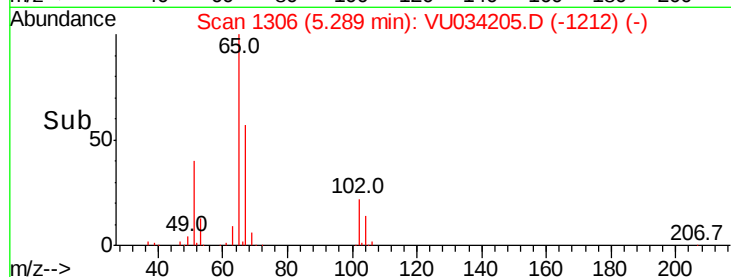
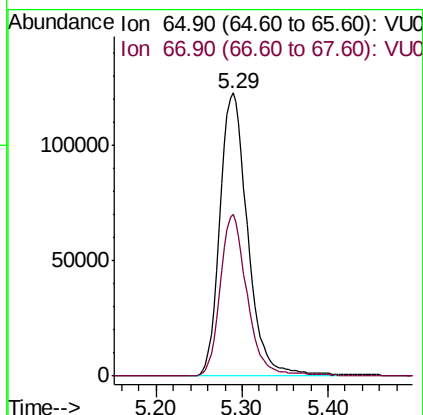
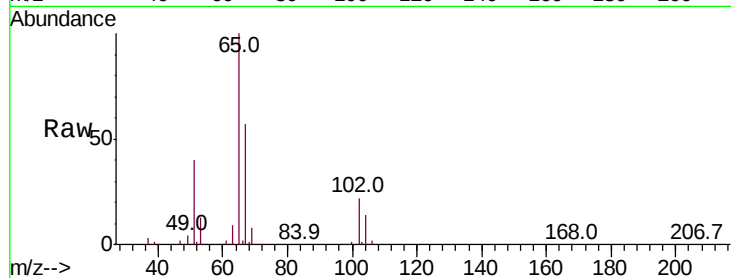
Lab File: VU034205.D

Acq: 02 Sep 2019 16:22

Instrument :
MSVOA_U
ClientSampleId :
T16-17-E1-(0)

Tot Ion: 65 Resp: 276730

Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

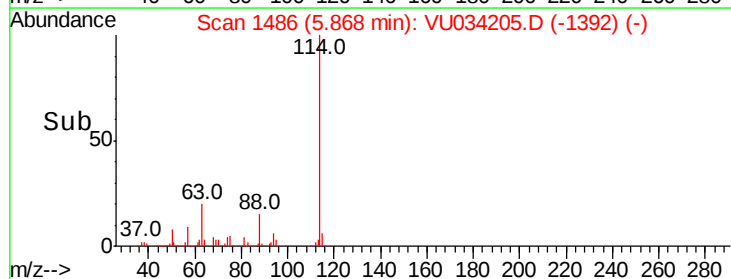
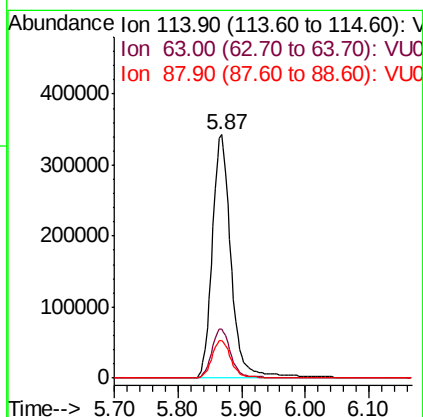
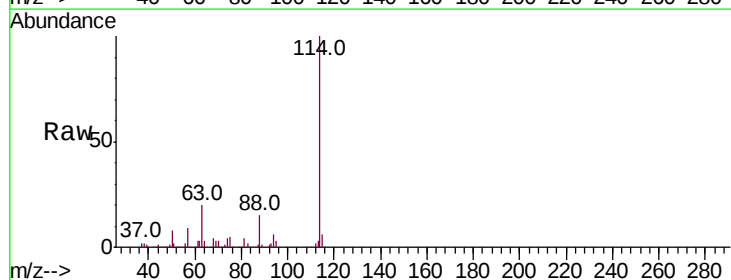
Delta R.T. 0.00 min

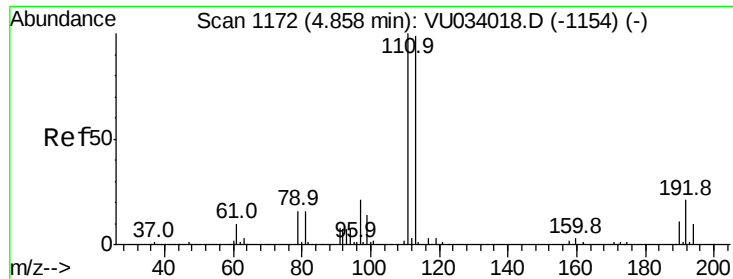
Lab File: VU034205.D

Acq: 02 Sep 2019 16:22

Tgt Ion: 114 Resp: 706186

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	42.0
88	15.4	0.0	32.0

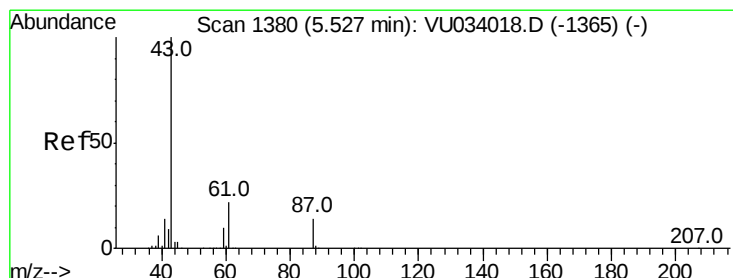
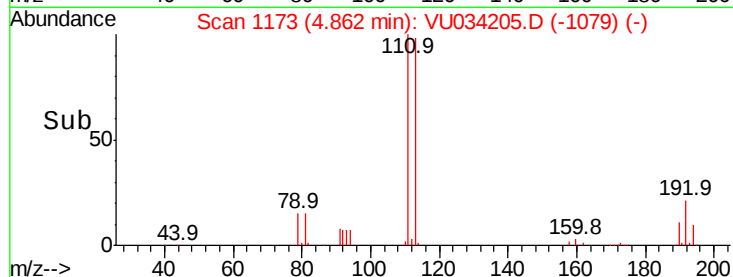
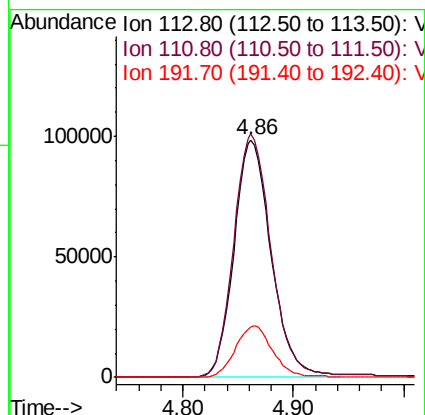
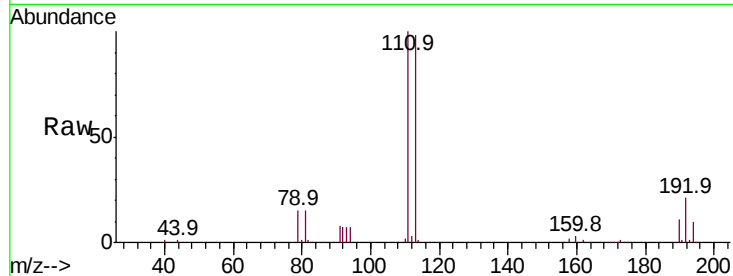




#35
 Dibromofluoromethane
 Concen: 47.094 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034205.D
 Acq: 02 Sep 2019 16:22

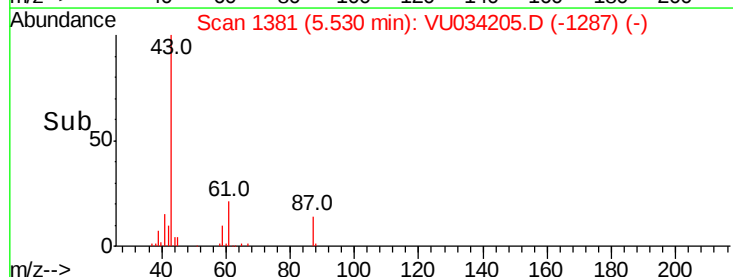
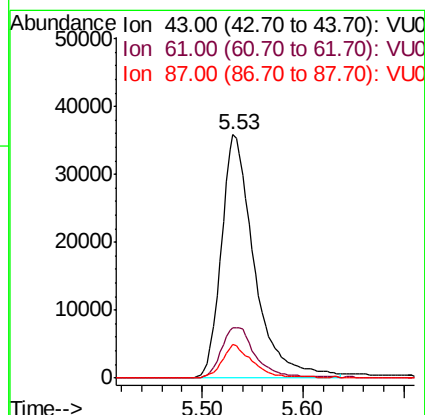
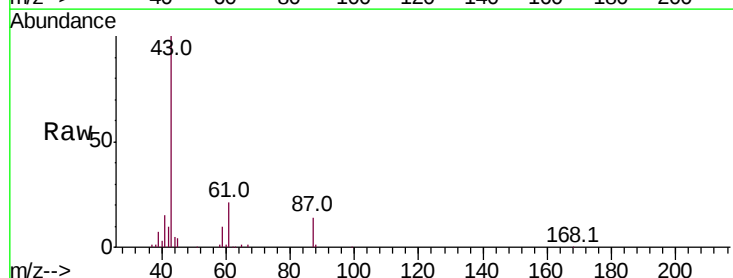
Instrument :
 MSVOA_U
 ClientSampleId :
 T16-17-E1-(0)

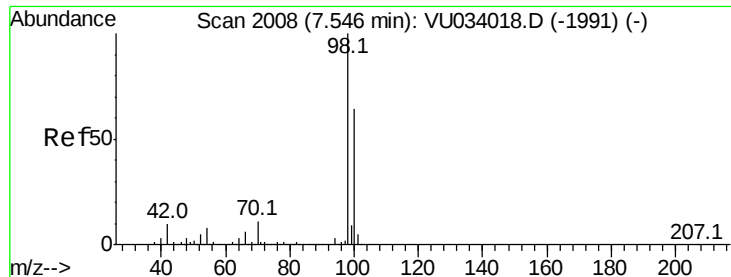
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.7	122.5
192	21.7	17.1	25.7



#43
 Isopropyl Acetate
 Concen: 7.197 ug/l
 RT: 5.53 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VU034205.D
 Acq: 02 Sep 2019 16:22

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.6	17.2	25.8
87	12.8	10.8	16.2





#50

Toluene-d8

Concen: 50.026 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034205.D

Acq: 02 Sep 2019 16:22

Instrument :

MSVOA_U

ClientSampleId :

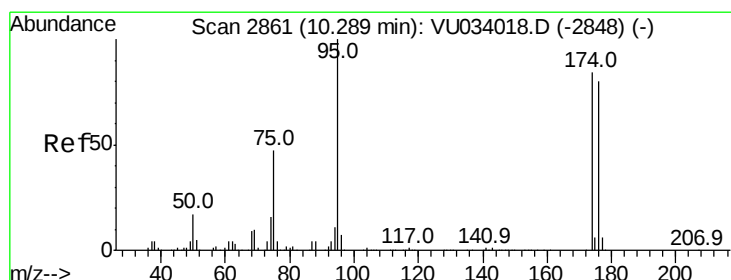
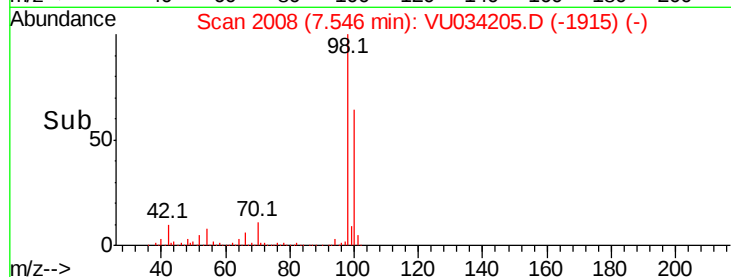
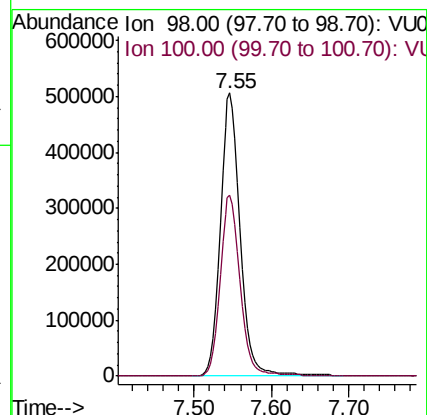
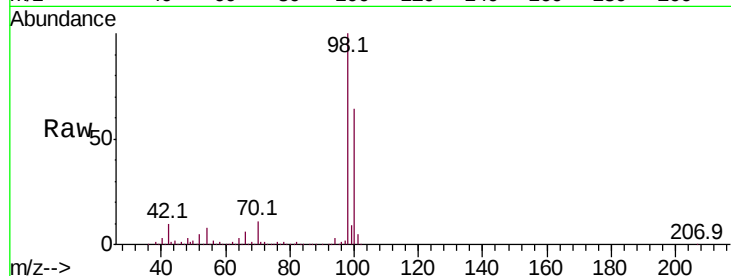
T16-17-E1-(0)

Tot Ion: 98 Resp: 917484

Ion Ratio Lower Upper

98 100

100 64.2 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 43.972 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034205.D

Acq: 02 Sep 2019 16:22

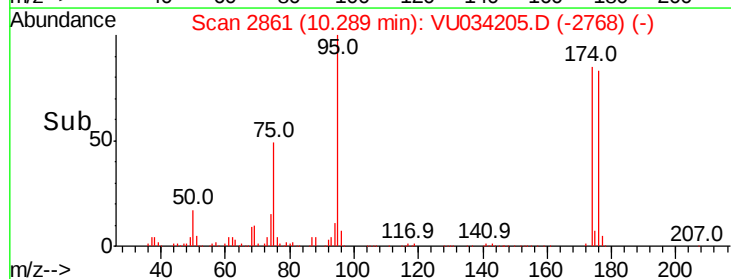
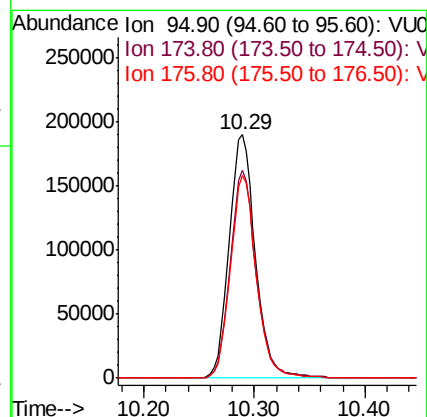
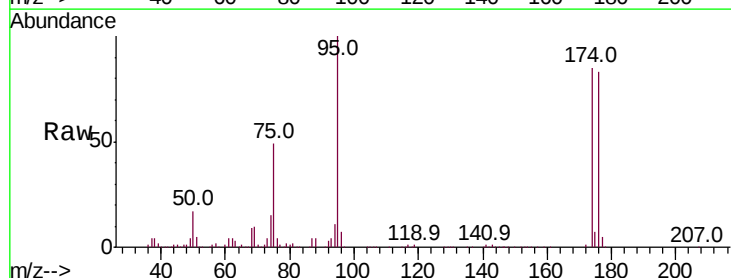
Tgt Ion: 95 Resp: 313700

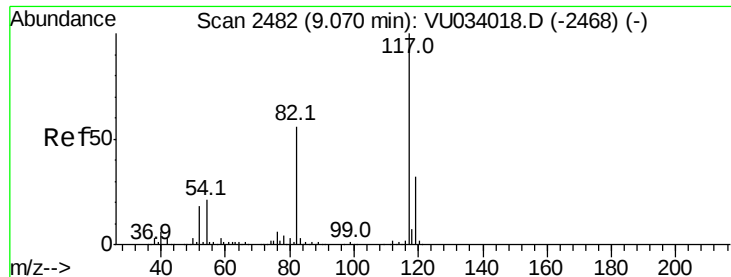
Ion Ratio Lower Upper

95 100

174 84.6 0.0 168.8

176 82.7 0.0 161.8

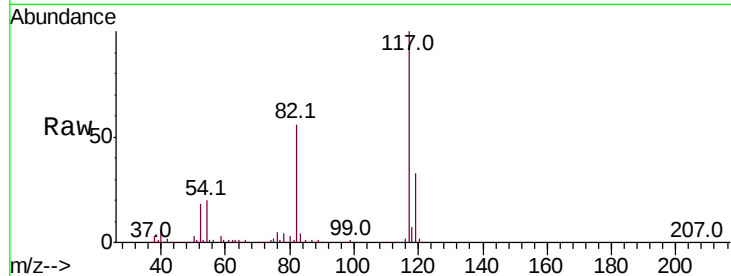




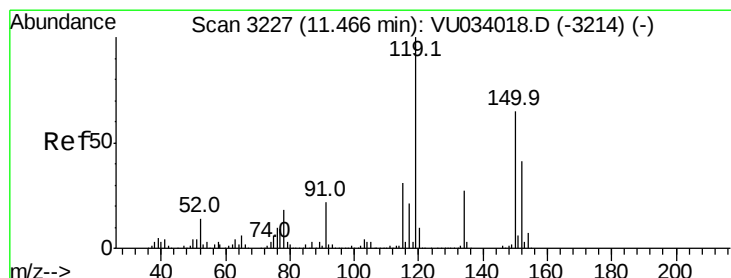
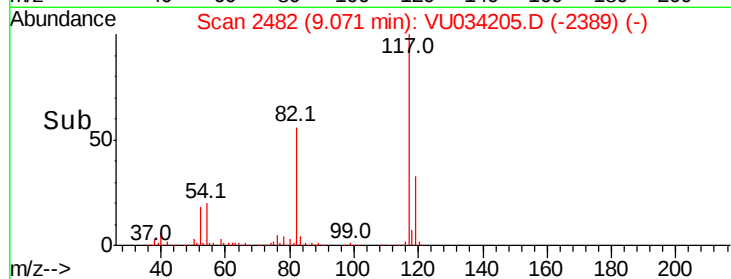
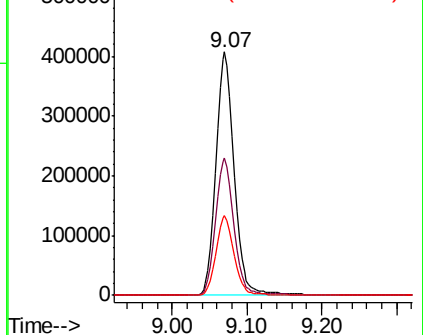
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034205.D
Acq: 02 Sep 2019 16:22

Instrument :
MSVOA_U
ClientSampleId :
T16-17-E1-(0)

Tot Ion:117 Resp: 693224
Ion Ratio Lower Upper
117 100
82 56.2 45.1 67.7
119 32.5 25.4 38.0

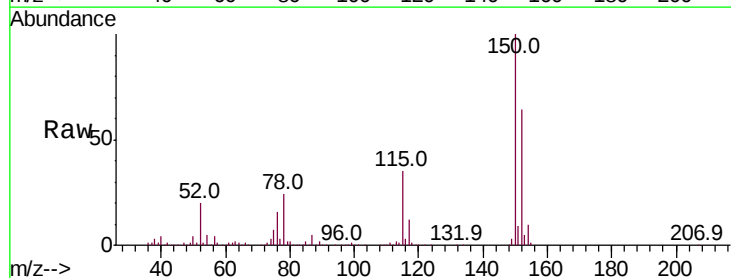


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VU034205.D
Acq: 02 Sep 2019 16:22

Tgt Ion:152 Resp: 330779
Ion Ratio Lower Upper
152 100
115 55.6 41.1 123.3
150 156.0 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

