

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090319\
 Data File : VU034202.D
 Acq On : 02 Sep 2019 15:12
 Operator : JC/SP
 Sample : K4544-36
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T16-17-C2-(2.25)

Quant Time: Sep 03 07:15:06 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	436511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	712393	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	707620	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	343999	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.29	65	277088	49.54	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.08%	
35) Dibromofluoromethane	4.86	113	234337	47.43	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.86%	
50) Toluene-d8	7.55	98	934073	50.49	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.98%	
62) 4-Bromofluorobenzene	10.29	95	324333	45.07	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.14%	

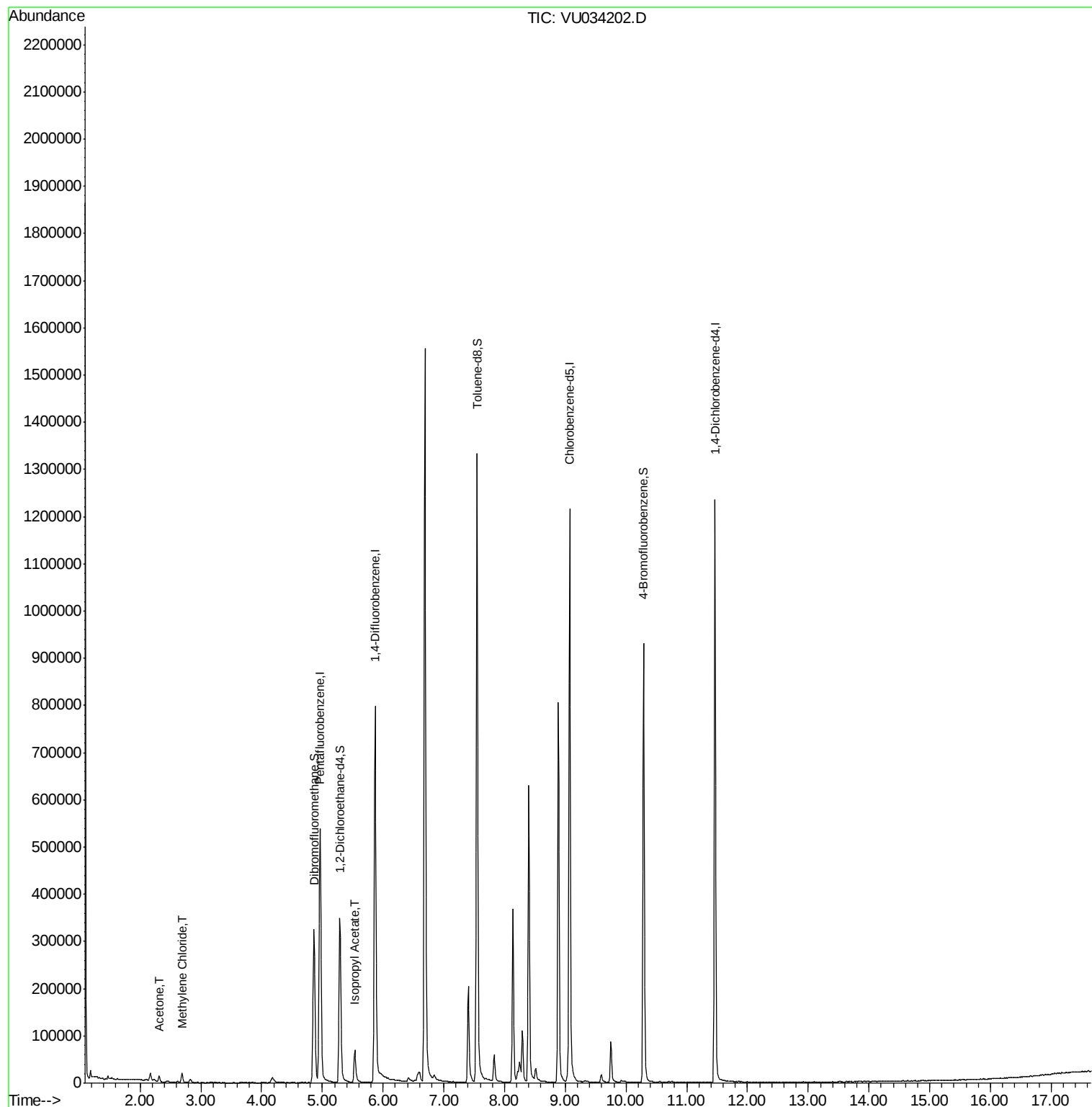
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.31	43	14558	5.101	ug/l	98
20) Methylene Chloride	2.69	84	8735	1.617	ug/l	98
43) Isopropyl Acetate	5.53	43	86201	7.509	ug/l	97

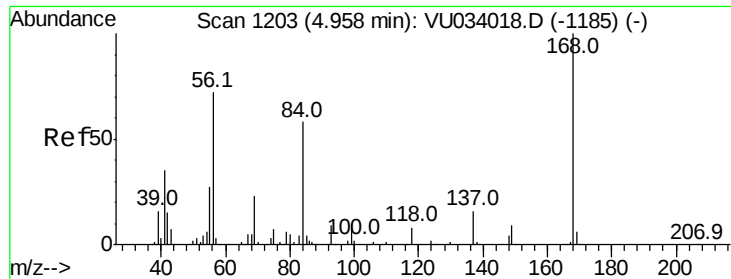
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034202.D

Acq: 02 Sep 2019 15:12

Instrument :

MSVOA_U

ClientSampleId :

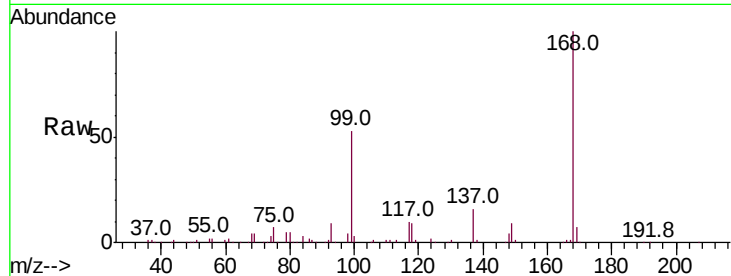
T16-17-C2-(2.25)

Tot Ion:168 Resp: 436511

Ion Ratio Lower Upper

168 100

99 53.3 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

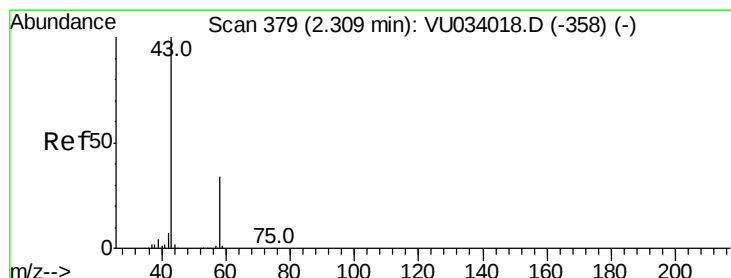
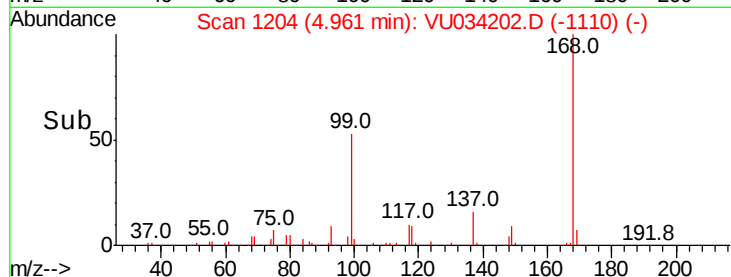
100000

50000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 5.101 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034202.D

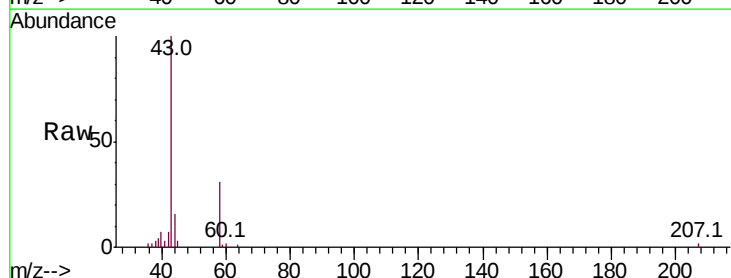
Acq: 02 Sep 2019 15:12

Tgt Ion: 43 Resp: 14558

Ion Ratio Lower Upper

43 100

58 32.1 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

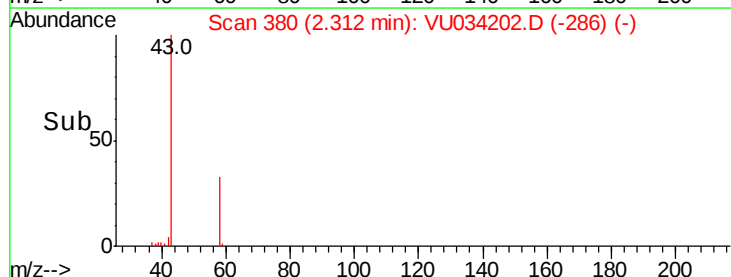
4000

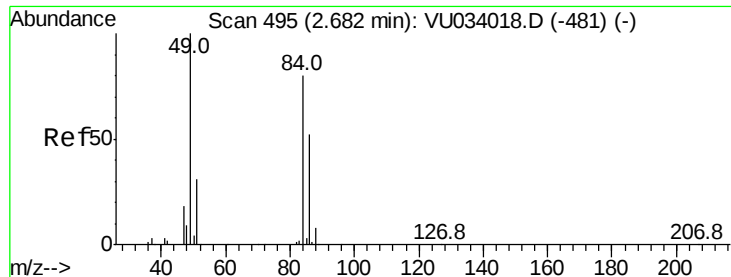
2000

0

2.25 2.30 2.35 2.40

Time-->

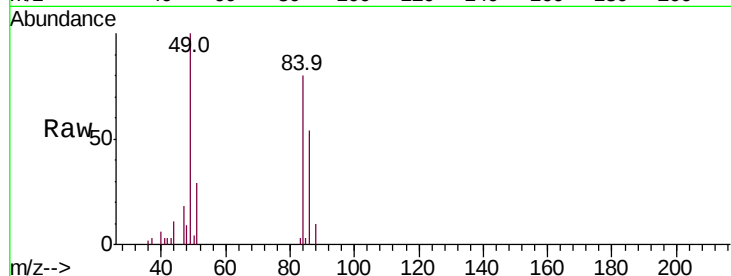




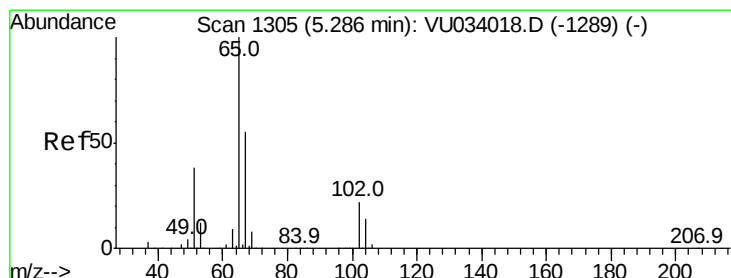
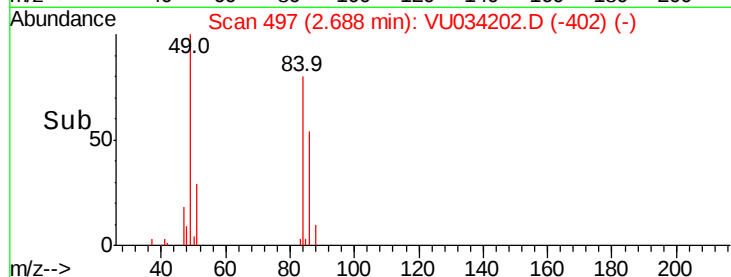
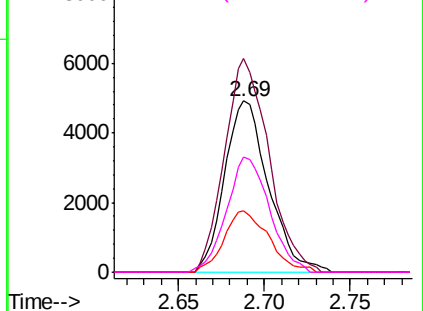
#20
Methylene Chloride
Concen: 1.617 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.01 min
Lab File: VU034202.D
Acq: 02 Sep 2019 15:12

Instrument :
MSVOA_U
ClientSampleId :
T16-17-C2-(2.25)

Tot Ion:	84	Resp:	8735
Ion	Ratio	Lower	Upper
84	100		
49	124.9	100.2	150.4
51	36.1	30.8	46.2
86	67.7	52.5	78.7

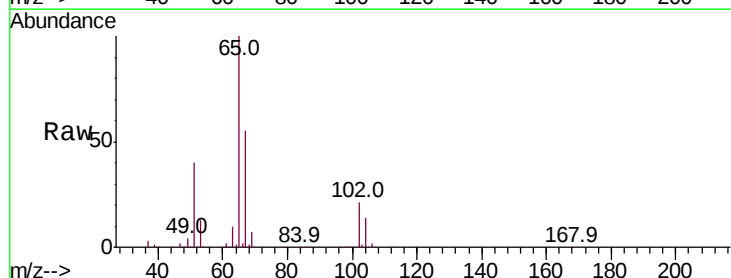


Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0

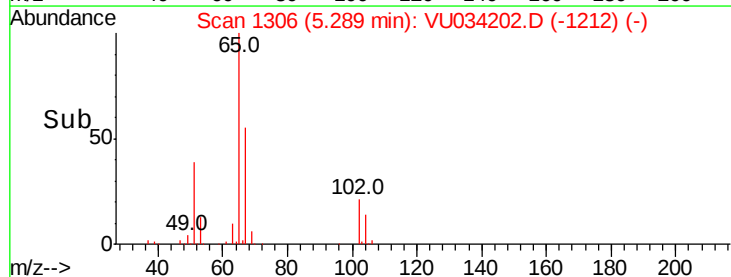
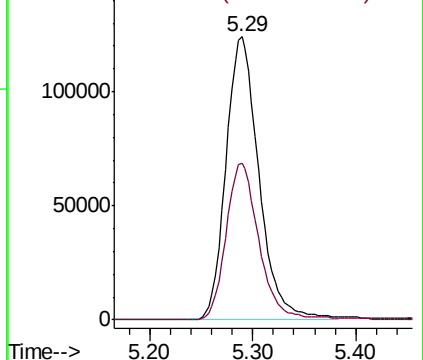


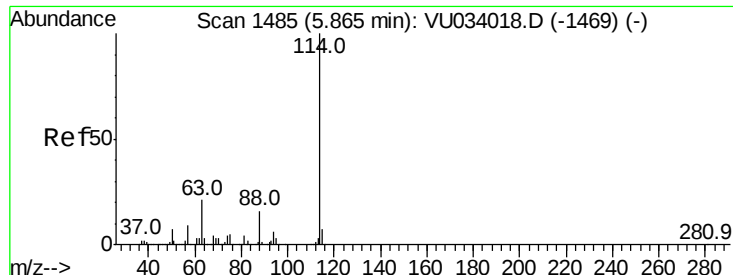
#33
1,2-Dichloroethane-d4
Concen: 49.540 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034202.D
Acq: 02 Sep 2019 15:12

Tgt Ion:	65	Resp:	277088
Ion	Ratio	Lower	Upper
65	100		
67	55.6	0.0	110.6



Abundance Ion 64.90 (64.60 to 65.60): VU0
Ion 66.90 (66.60 to 67.60): VU0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034202.D

Acq: 02 Sep 2019 15:12

Instrument :

MSVOA_U

ClientSampleId :

T16-17-C2-(2.25)

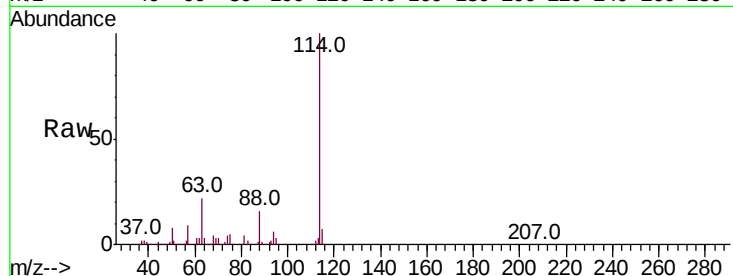
Tot Ion:114 Resp: 712393

Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.0

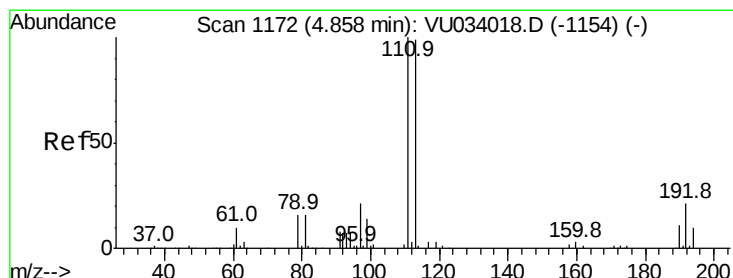
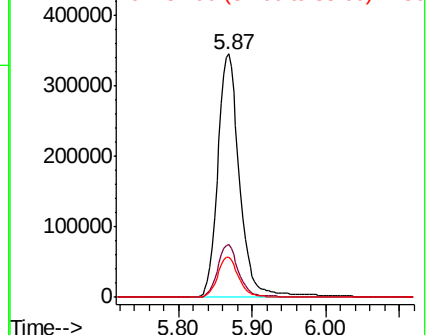
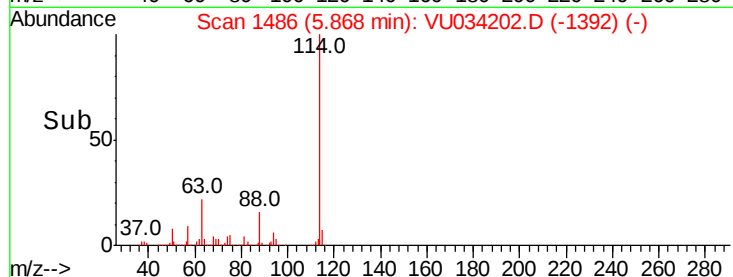
88 16.3 0.0 32.0



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: 47.426 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034202.D

Acq: 02 Sep 2019 15:12

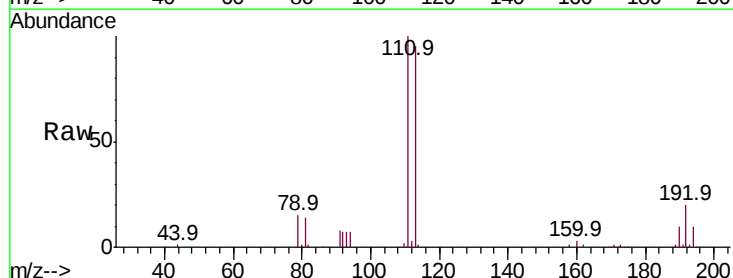
Tgt Ion:113 Resp: 234337

Ion Ratio Lower Upper

113 100

111 101.8 81.7 122.5

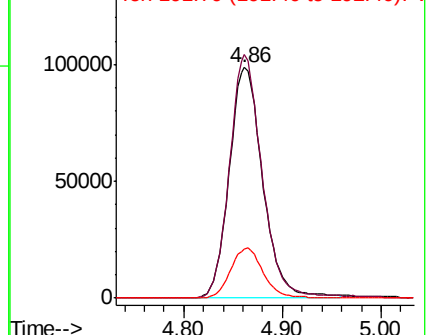
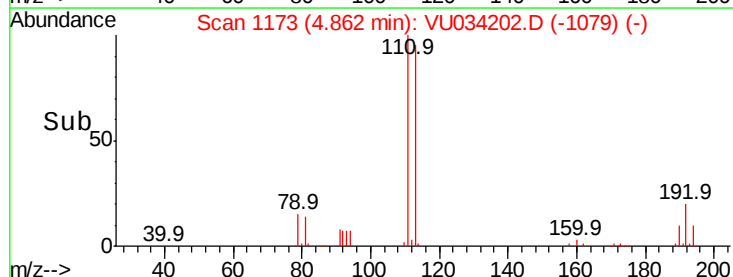
192 21.3 17.1 25.7

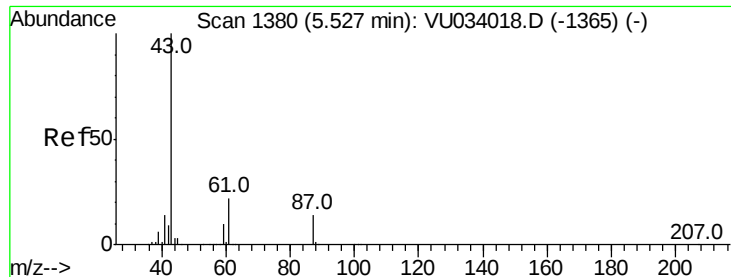


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

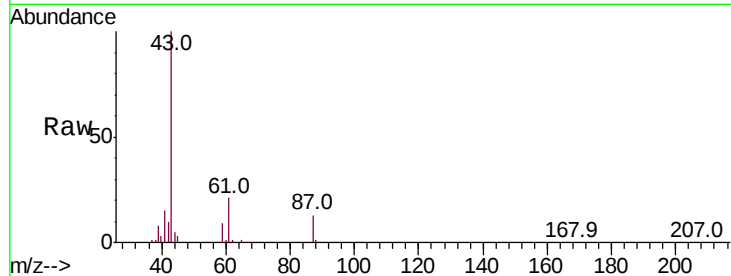




#43
Isopropyl Acetate
Concen: 7.509 ug/l
RT: 5.53 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VU034202.D
Acq: 02 Sep 2019 15:12

Instrument :
MSVOA_U
ClientSampleId :
T16-17-C2-(2.25)

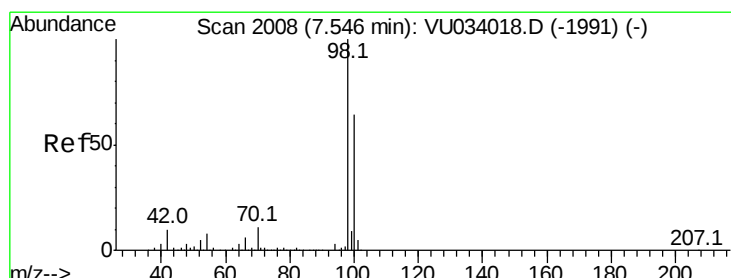
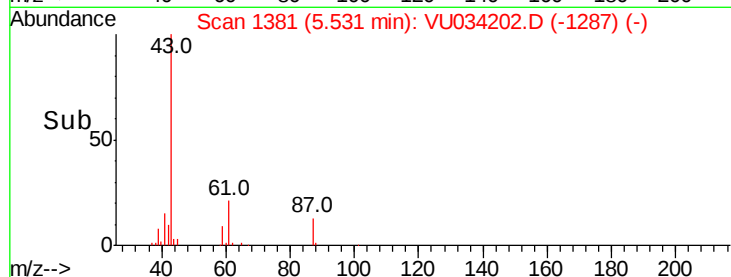
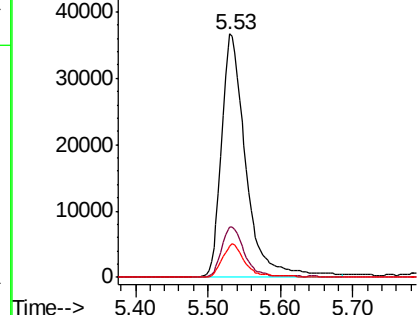
Tot Ion	43	61	87
Resp	86201		
Ratio	100	20.0	12.6
Lower		17.2	10.8
Upper		25.8	16.2



Abundance Ion 43.00 (42.70 to 43.70): VU034018.D (-1365) (-)

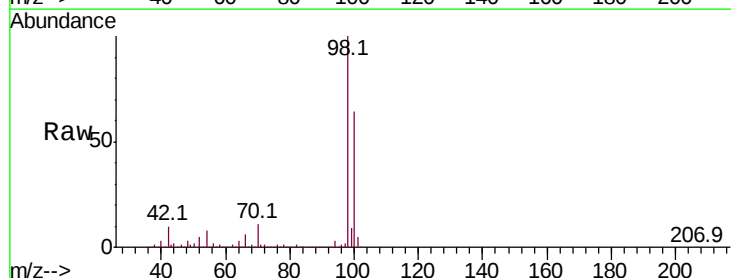
Ion 61.00 (60.70 to 61.70): VU034018.D (-1365) (-)

Ion 87.00 (86.70 to 87.70): VU034018.D (-1365) (-)



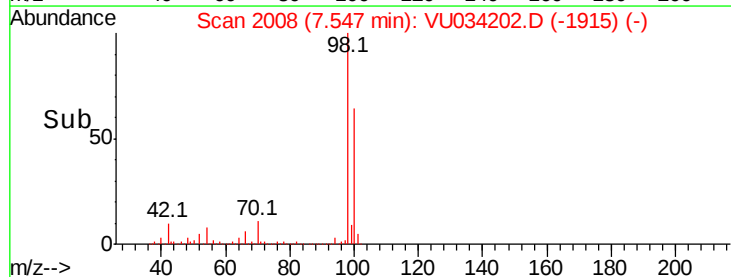
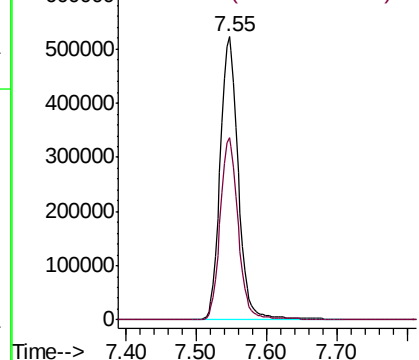
#50
Toluene-d8
Concen: 50.487 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034202.D
Acq: 02 Sep 2019 15:12

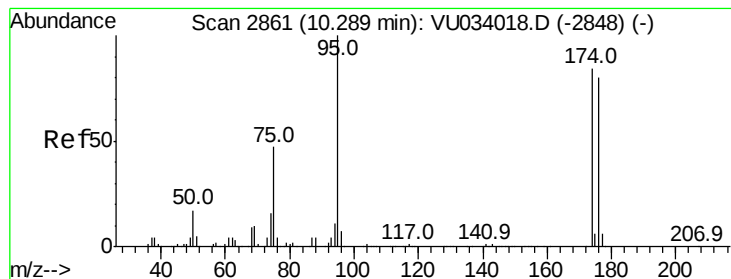
Tgt Ion	98	100
Resp	934073	
Ratio	100	64.1
Lower		50.3
Upper		75.5



Abundance Ion 98.00 (97.70 to 98.70): VU034018.D (-1991) (-)

Ion 100.00 (99.70 to 100.70): VU034018.D (-1991) (-)





#62

4-Bromofluorobenzene

Concen: 45.066 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034202.D

Acq: 02 Sep 2019 15:12

Instrument :

MSVOA_U

ClientSampleId :

T16-17-C2-(2.25)

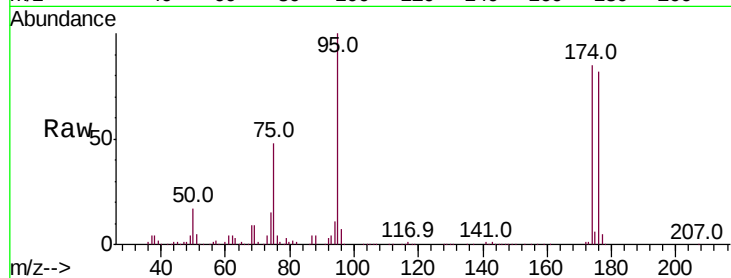
Tot Ion: 95 Resp: 324333

Ion Ratio Lower Upper

95 100

174 84.2 0.0 168.8

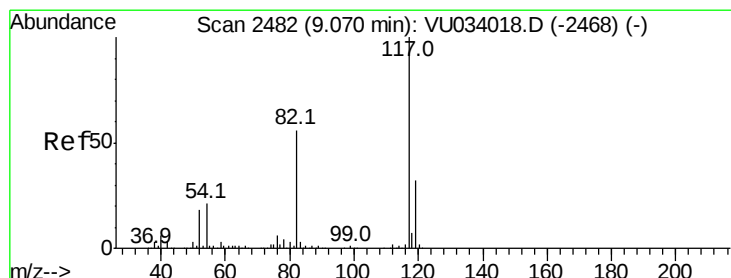
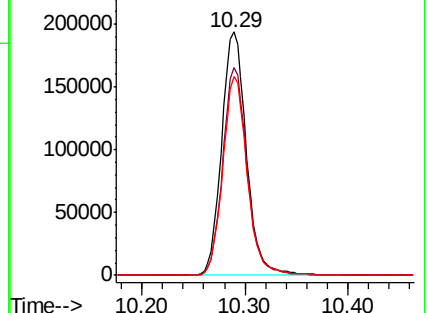
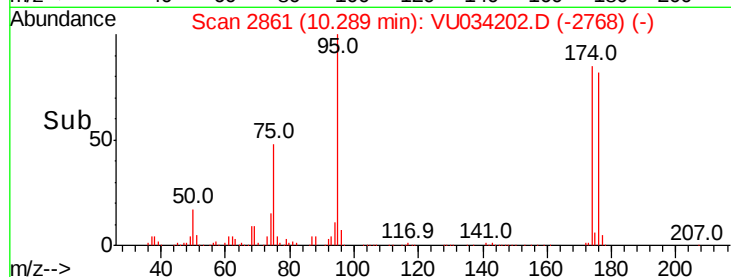
176 80.7 0.0 161.8



Abundance Ion 94.90 (94.60 to 95.60): VU034202.D (-2768) (-)

Ion 173.80 (173.50 to 174.50): VU034202.D (-2768) (-)

Ion 175.80 (175.50 to 176.50): VU034202.D (-2768) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. 0.00 min

Lab File: VU034202.D

Acq: 02 Sep 2019 15:12

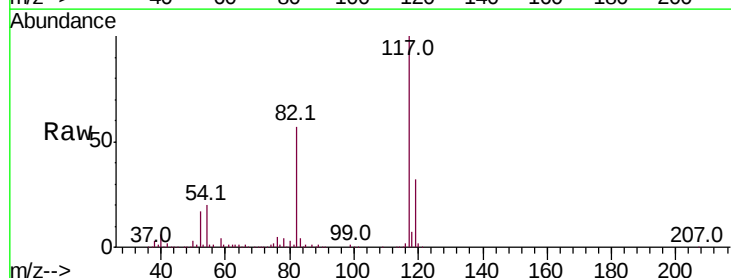
Tgt Ion: 117 Resp: 707620

Ion Ratio Lower Upper

117 100

82 56.7 45.1 67.7

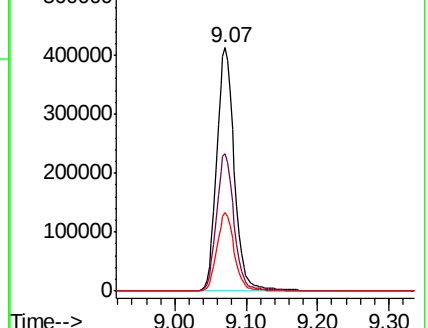
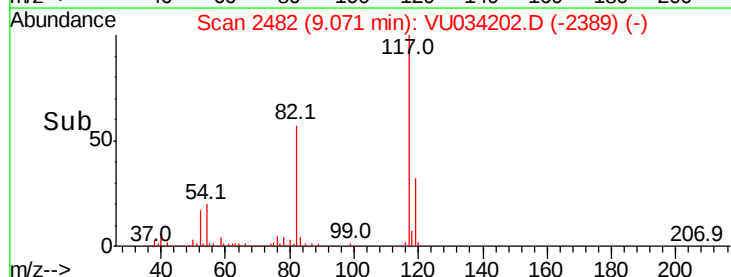
119 32.1 25.4 38.0

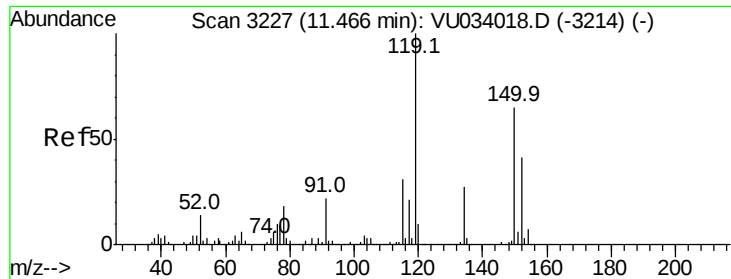


Abundance Ion 116.90 (116.60 to 117.60): VU034202.D (-2389) (-)

Ion 82.00 (81.70 to 82.70): VU034202.D (-2389) (-)

Ion 118.90 (118.60 to 119.60): VU034202.D (-2389) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VU034202.D

Acq: 02 Sep 2019 15:12

Instrument :

MSVOA_U

ClientSampleId :

T16-17-C2-(2.25)

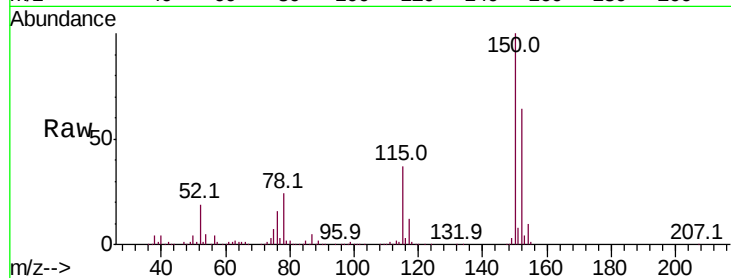
Tot Ion:152 Resp: 343999

Ion Ratio Lower Upper

152 100

115 56.8 41.1 123.3

150 154.6 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

