

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090219\
 Data File : VU034174.D
 Acq On : 01 Sep 2019 17:16
 Operator : JC/SP
 Sample : K4527-24
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T9-12-13-M-(1.9)

Quant Time: Sep 02 09:19:32 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

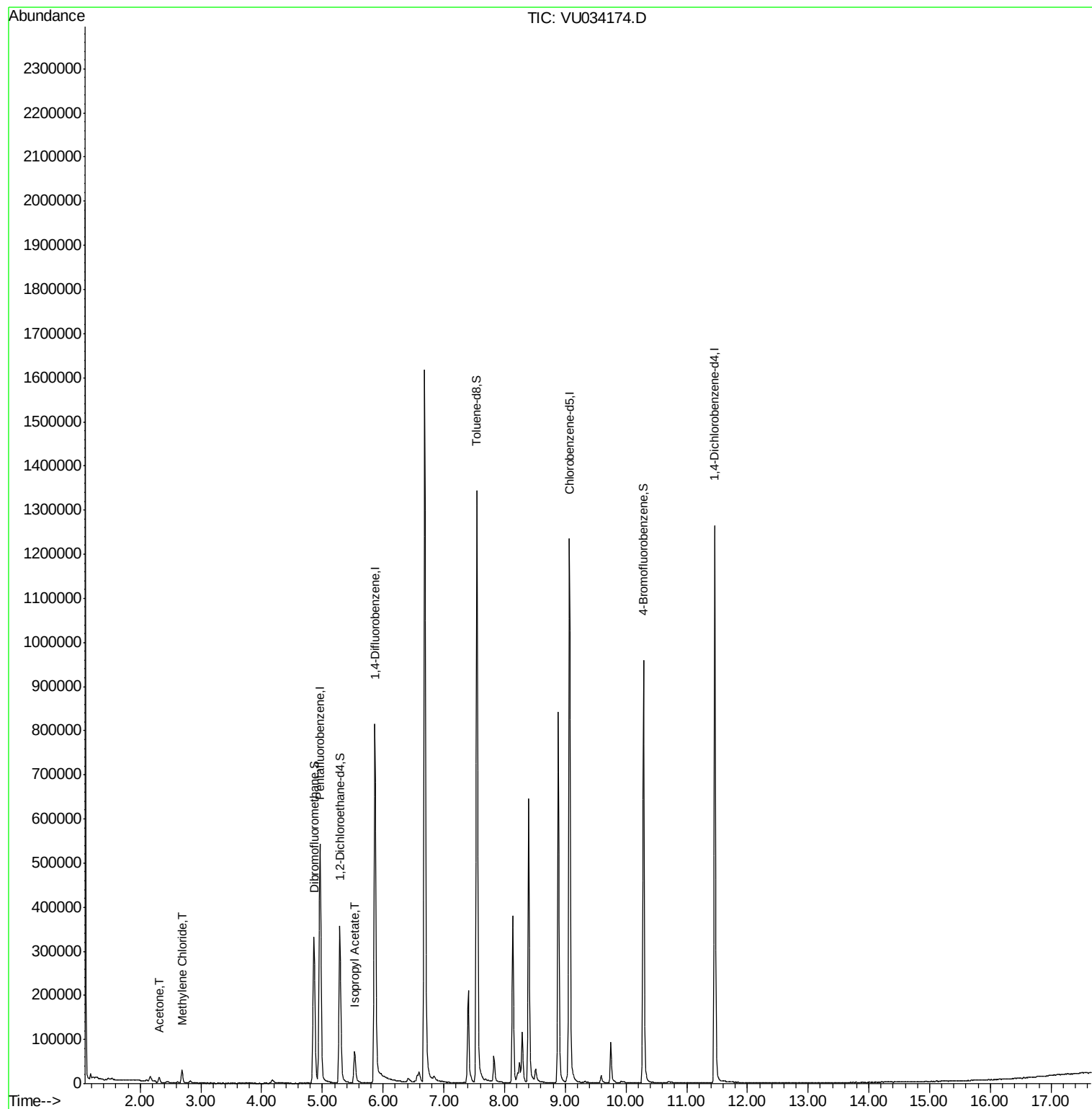
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	445996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	709006	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	712916	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	347457	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	287652	50.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.68%	
35) Dibromofluoromethane	4.86	113	238520	48.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.00%	
50) Toluene-d8	7.55	98	937214	50.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.80%	
62) 4-Bromofluorobenzene	10.29	95	326793	45.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.24%	
Target Compounds						
16) Acetone	2.31	43	13862	4.754	ug/l	97
20) Methylene Chloride	2.69	84	12986	2.352	ug/l	99
43) Isopropyl Acetate	5.53	43	88540	7.750	ug/l	98

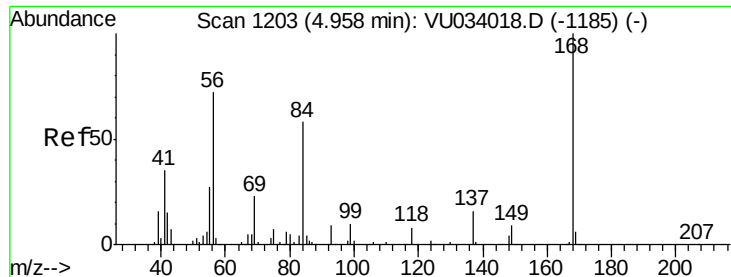
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 02 09:19:32 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# 1205

Delta R.T. 0.01 min

Lab File: VU034174.D

Acq: 01 Sep 2019 17:16

Instrument :

MSVOA_U

ClientSampleId :

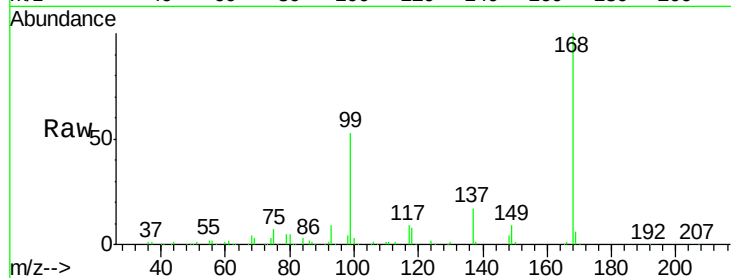
T9-12-13-M-(1.9)

Tot Ion:168 Resp: 445996

Ion Ratio Lower Upper

168 100

99 53.5 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034174.D (-1110) (-)

Ion 98.90 (98.60 to 99.60): VU034174.D (-1110) (-)

4.96

200000

150000

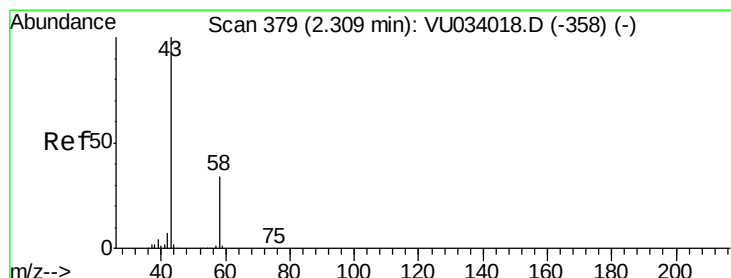
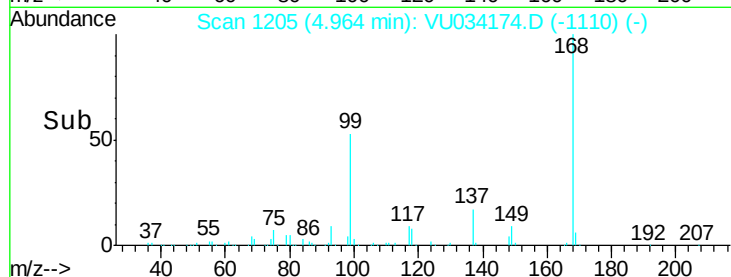
100000

50000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 4.754 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034174.D

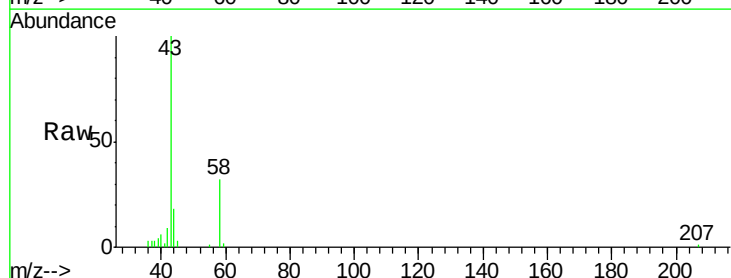
Acq: 01 Sep 2019 17:16

Tgt Ion: 43 Resp: 13862

Ion Ratio Lower Upper

43 100

58 32.0 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VU034174.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034174.D (-286) (-)

2.31

8000

6000

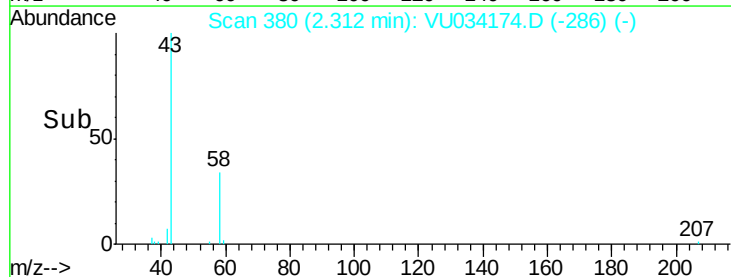
4000

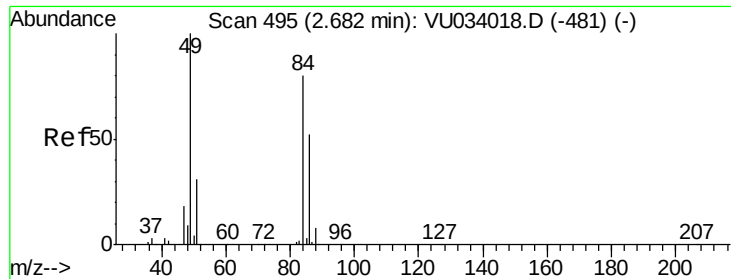
2000

0

2.25 2.30 2.35

Time-->

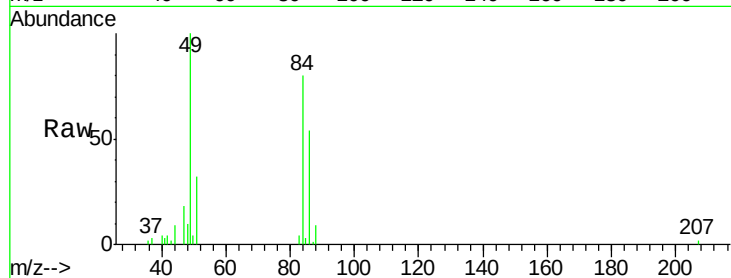




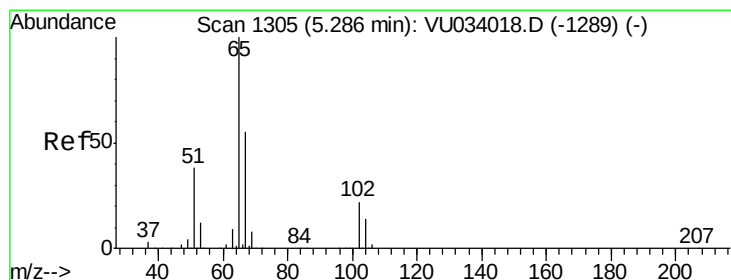
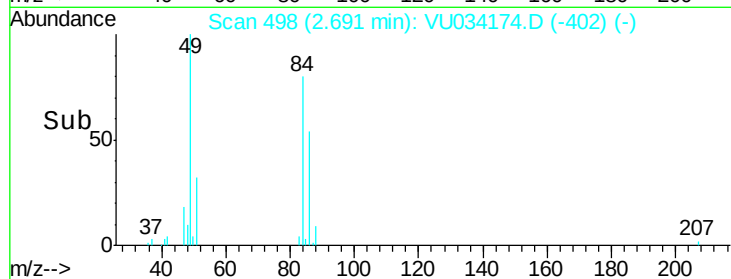
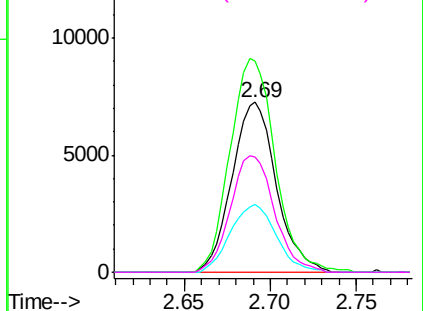
#20
Methvlene Chloride
Concen: 2.352 ug/l
RT: 2.69 min Scan# 498
Delta R.T. 0.01 min
Lab File: VU034174.D
Acq: 01 Sep 2019 17:16

Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-M-(1.9)

Tot Ion: 84 Resp: 12986
Ion Ratio Lower Upper
84 100
49 124.4 100.2 150.4
51 39.5 30.8 46.2
86 67.4 52.5 78.7

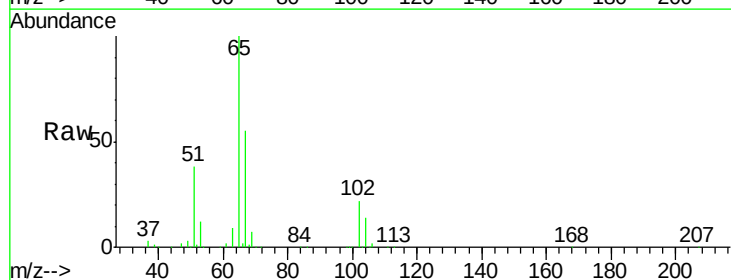


Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0

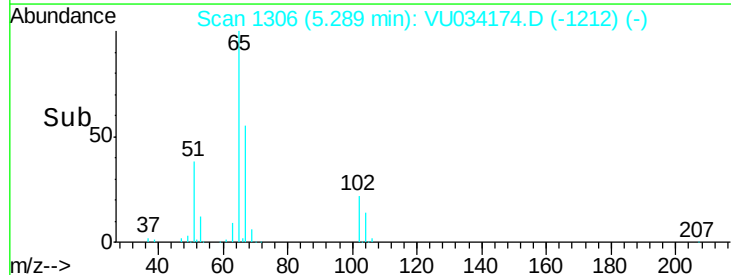
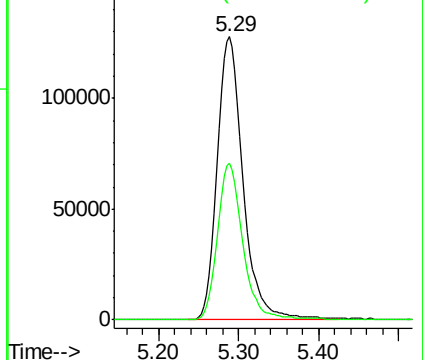


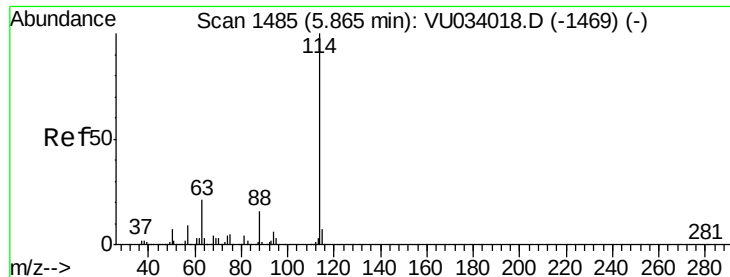
#33
1,2-Dichloroethane-d4
Concen: 50.335 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034174.D
Acq: 01 Sep 2019 17:16

Tgt Ion: 65 Resp: 287652
Ion Ratio Lower Upper
65 100
67 53.6 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: VU034174.D

Acq: 01 Sep 2019 17:16

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-M-(1.9)

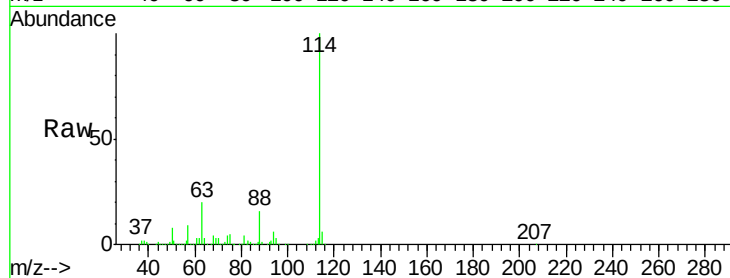
Tot Ion:114 Resp: 709006

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.0

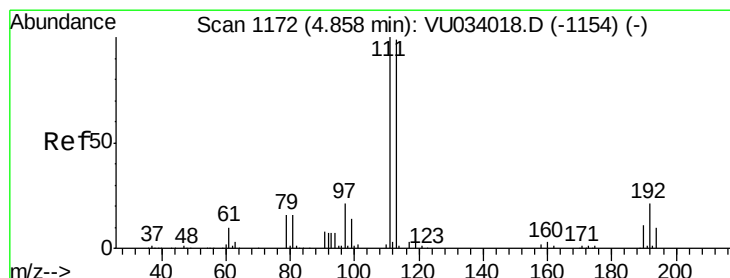
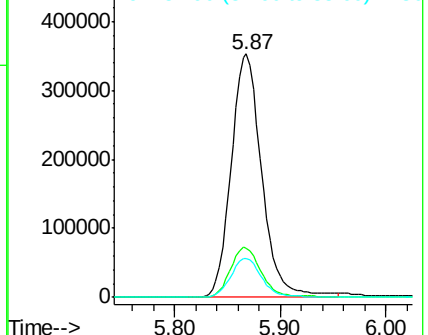
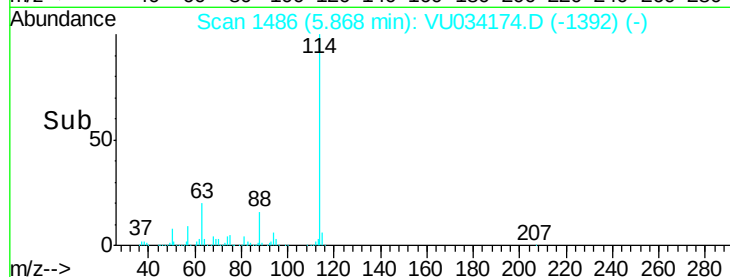
88 16.1 0.0 32.0



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: 48.503 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034174.D

Acq: 01 Sep 2019 17:16

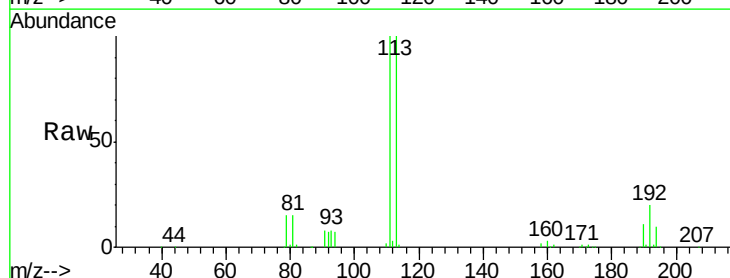
Tgt Ion:113 Resp: 238520

Ion Ratio Lower Upper

113 100

111 101.0 81.7 122.5

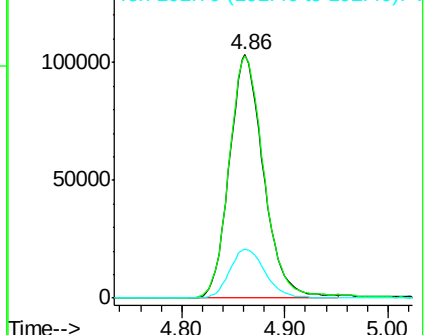
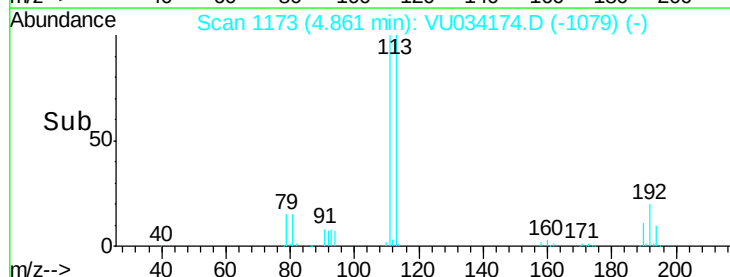
192 20.8 17.1 25.7

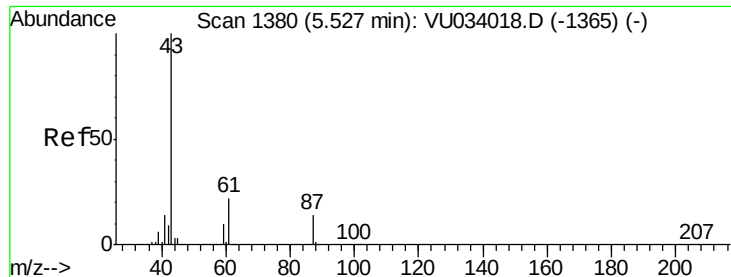


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

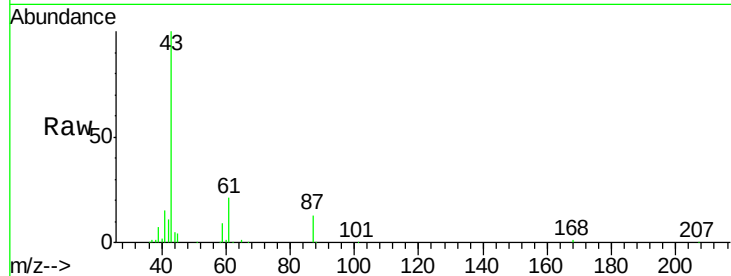




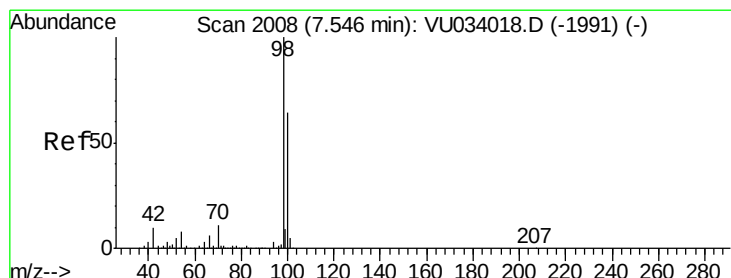
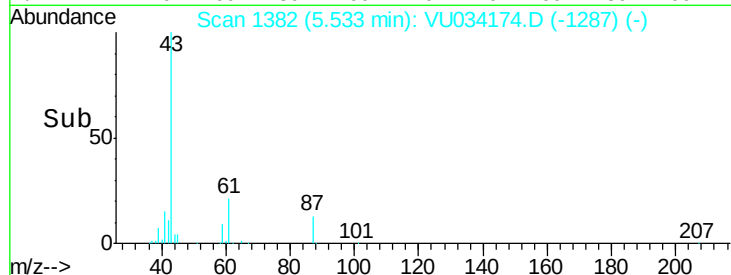
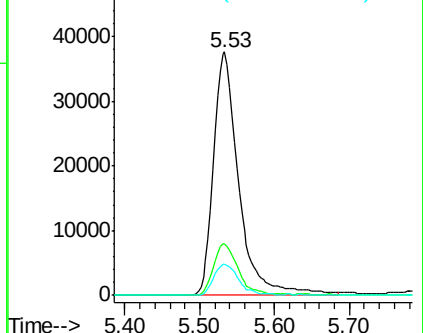
#43
Isopropyl Acetate
Concen: 7.750 ug/l
RT: 5.53 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VU034174.D
Acq: 01 Sep 2019 17:16

Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-M-(1.9)

Tot Ion	43	Resp	88540
Ion Ratio	Lower	Upper	
43	100		
61	20.6	17.2	25.8
87	12.6	10.8	16.2

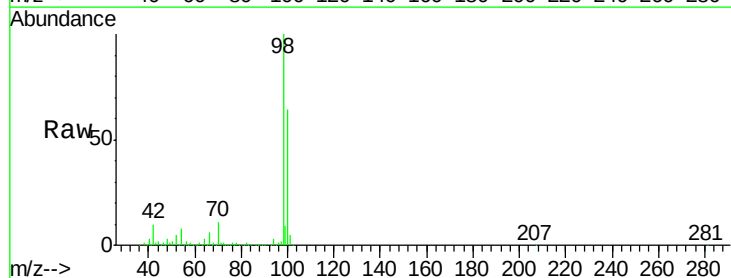


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 87.00 (86.70 to 87.70): VU0

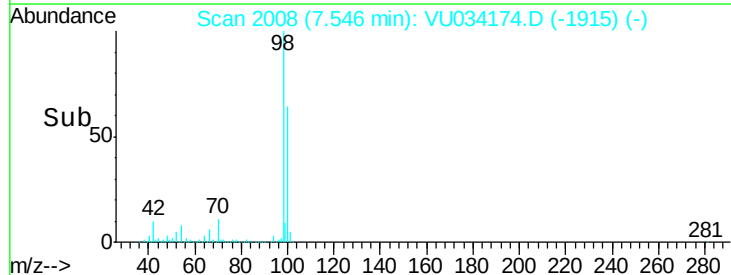
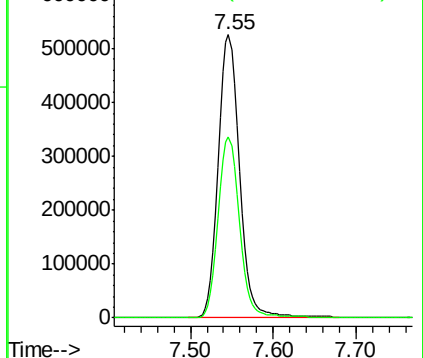


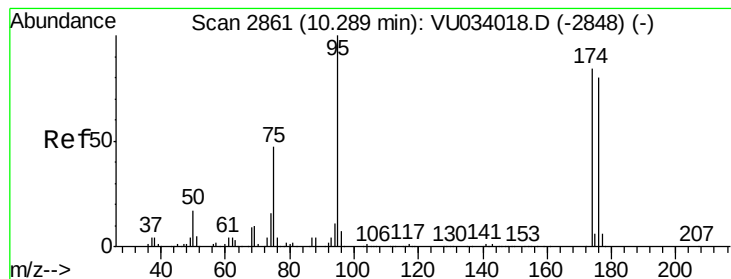
#50
Toluene-d8
Concen: 50.899 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VU034174.D
Acq: 01 Sep 2019 17:16

Tgt Ion	98	Resp	937214
Ion Ratio	Lower	Upper	
98	100		
100	64.3	50.3	75.5



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU0





#62

4-Bromofluorobenzene

Concen: 45.625 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.00 min

Lab File: VU034174.D

Acq: 01 Sep 2019 17:16

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-M-(1.9)

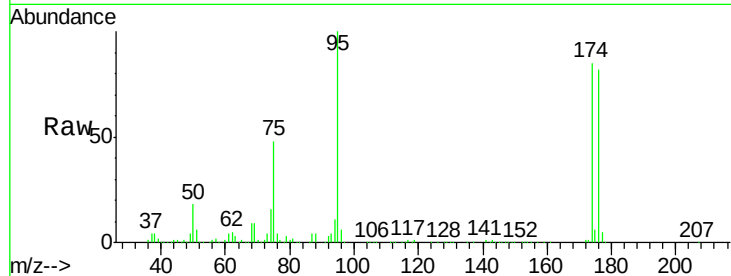
Tot Ion: 95 Resp: 326793

Ion Ratio Lower Upper

95 100

174 85.2 0.0 168.8

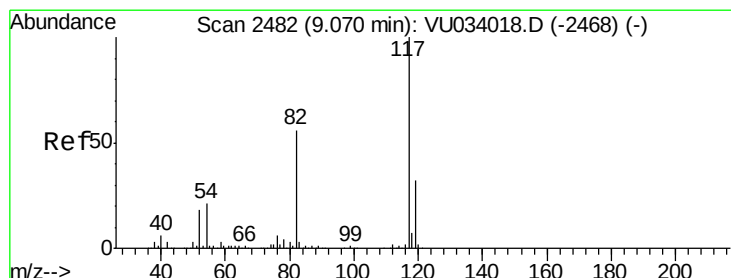
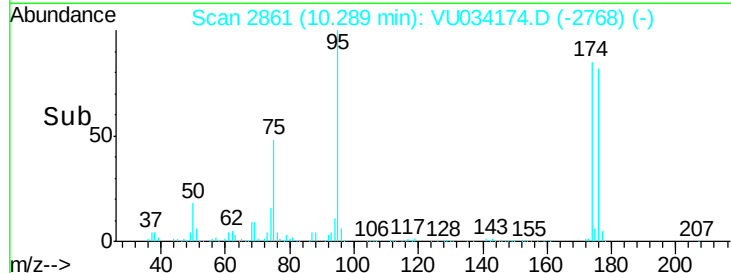
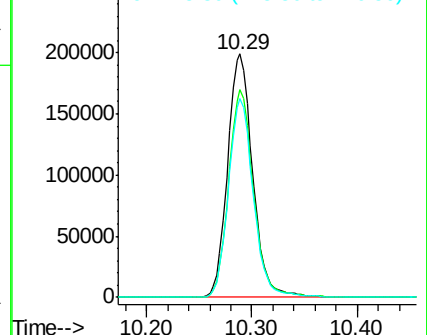
176 81.0 0.0 161.8



Abundance Ion 94.90 (94.60 to 95.60): VU034018.D (-2848) (-)

Ion 173.80 (173.50 to 174.50): VU034018.D (-2848) (-)

Ion 175.80 (175.50 to 176.50): VU034018.D (-2848) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. -0.00 min

Lab File: VU034174.D

Acq: 01 Sep 2019 17:16

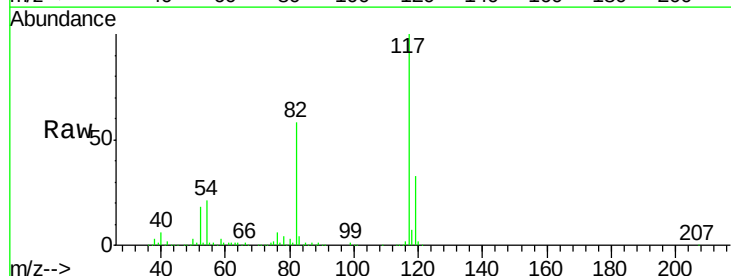
Tgt Ion: 117 Resp: 712916

Ion Ratio Lower Upper

117 100

82 57.8 45.1 67.7

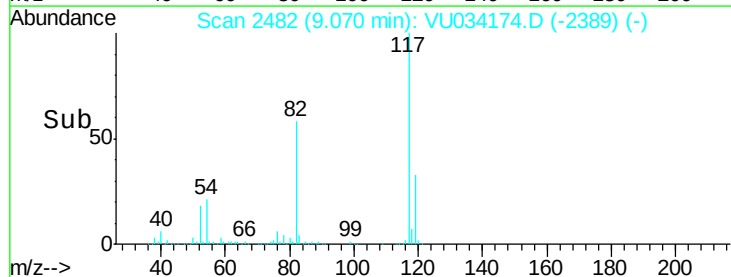
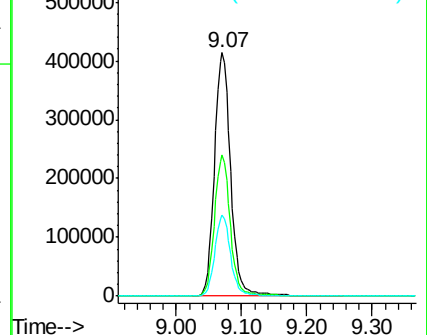
119 33.2 25.4 38.0

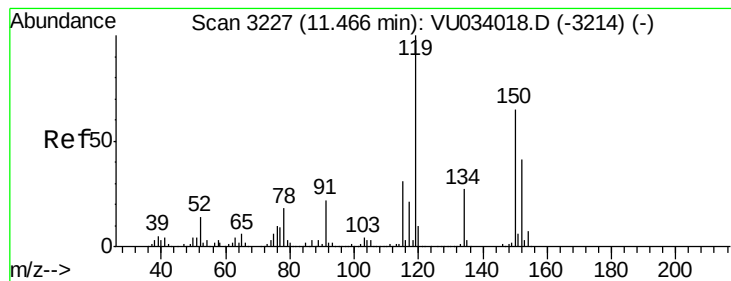


Abundance Ion 116.90 (116.60 to 117.60): VU034018.D (-2468) (-)

Ion 82.00 (81.70 to 82.70): VU034018.D (-2468) (-)

Ion 118.90 (118.60 to 119.60): VU034018.D (-2468) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VU034174.D

Acq: 01 Sep 2019 17:16

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-M-(1.9)

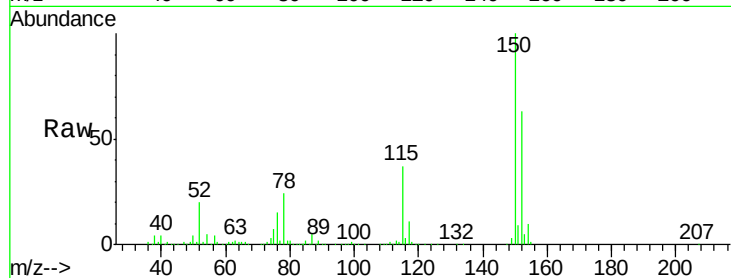
Tot Ion:152 Resp: 347457

Ion Ratio Lower Upper

152 100

115 57.7 41.1 123.3

150 157.6 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

