

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090219\
 Data File : VU034175.D
 Acq On : 01 Sep 2019 17:39
 Operator : JC/SP
 Sample : K4527-26
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T9-12-13-N1-(0)

Quant Time: Sep 02 09:19:19 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

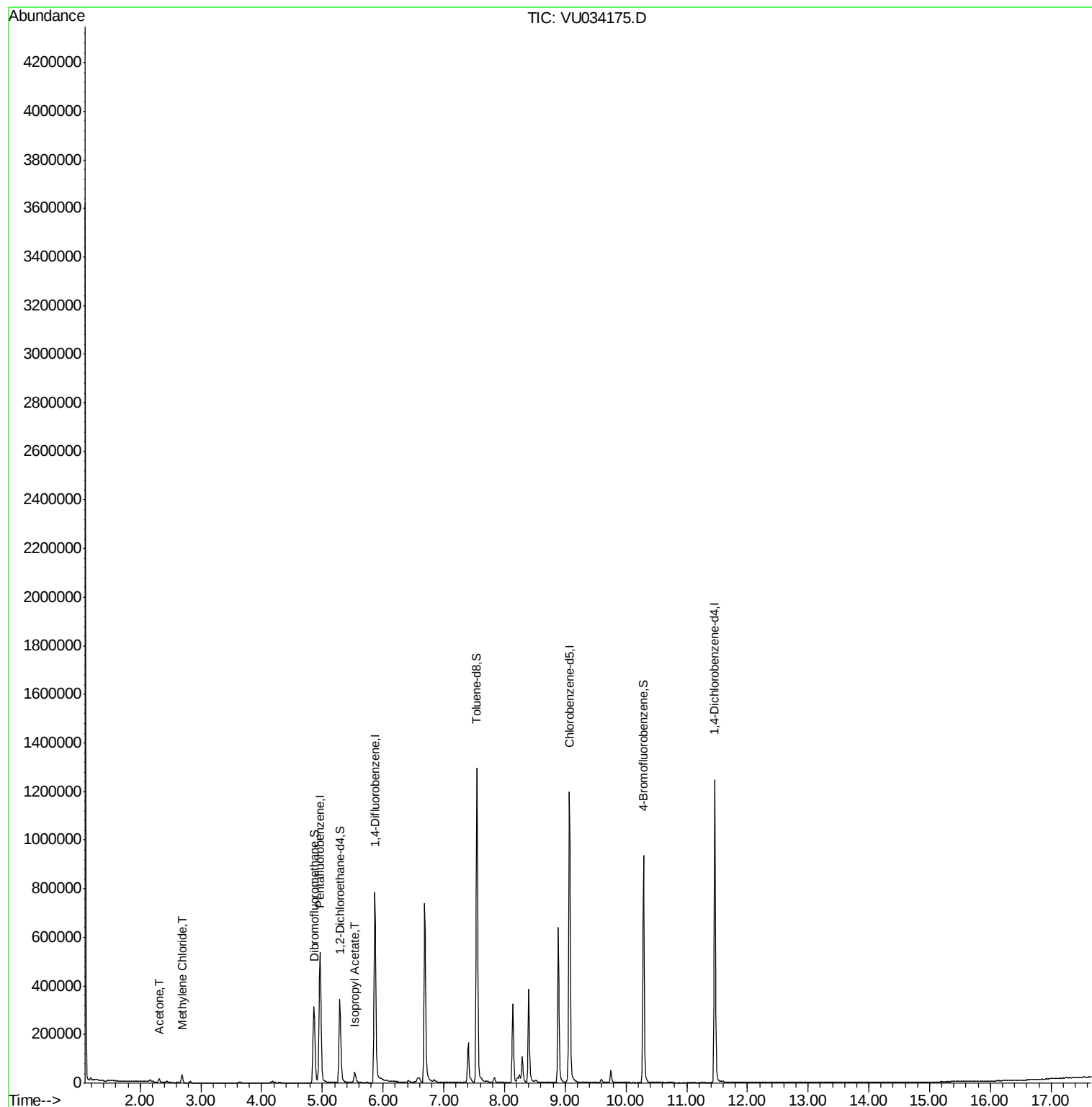
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	432296	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	686338	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	700985	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	341656	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	274349	49.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.06%	
35) Dibromofluoromethane	4.86	113	230420	48.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.80%	
50) Toluene-d8	7.55	98	918771	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.10%	
62) 4-Bromofluorobenzene	10.29	95	320470	46.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.44%	
Target Compounds						
16) Acetone	2.31	43	17369	6.145	ug/l	98
20) Methylene Chloride	2.69	84	14503	2.711	ug/l	93
43) Isopropyl Acetate	5.53	43	54924	4.966	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
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034175.D

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Instrument :

MSVOA_U

ClientSampleId :

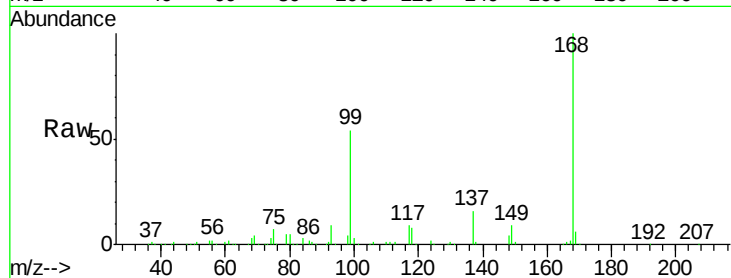
T9-12-13-N1-(0)

Tot Ion:168 Resp: 432296

Ion Ratio Lower Upper

168 100

99 54.1 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034175.D (-1110) (-)

Ion 98.90 (98.60 to 99.60): VU034175.D (-1110) (-)

4.96

200000

150000

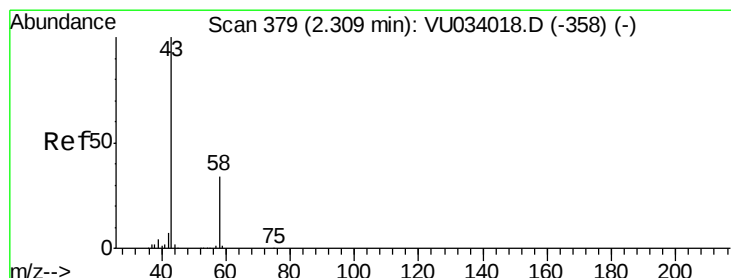
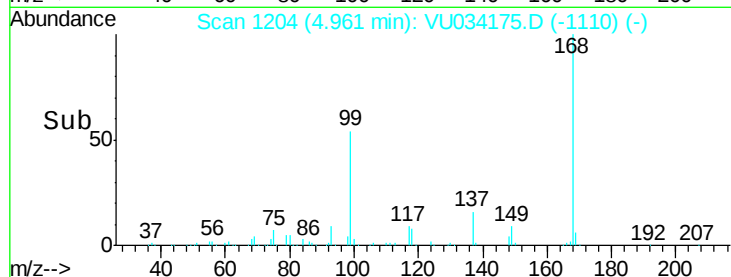
100000

50000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 6.145 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034175.D

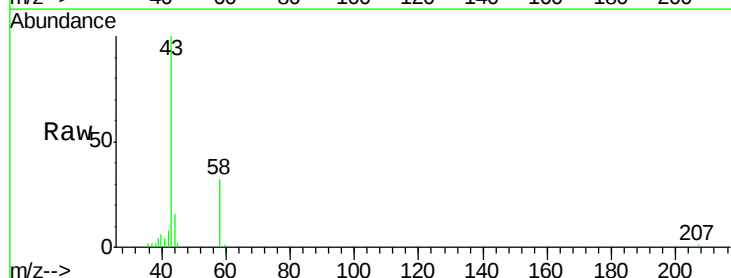
Acq: 01 Sep 2019 17:39

Tgt Ion: 43 Resp: 17369

Ion Ratio Lower Upper

43 100

58 32.3 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VU034175.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034175.D (-286) (-)

2.31

12000

10000

8000

6000

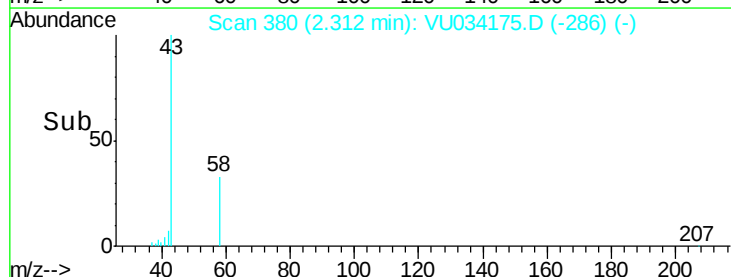
4000

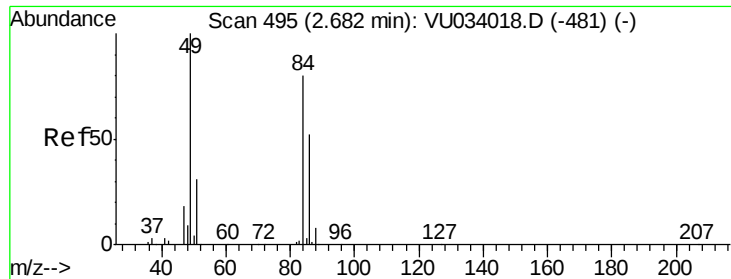
2000

0

2.25 2.30 2.35 2.40

Time-->

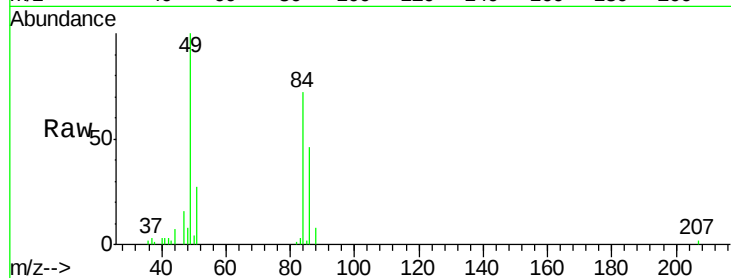




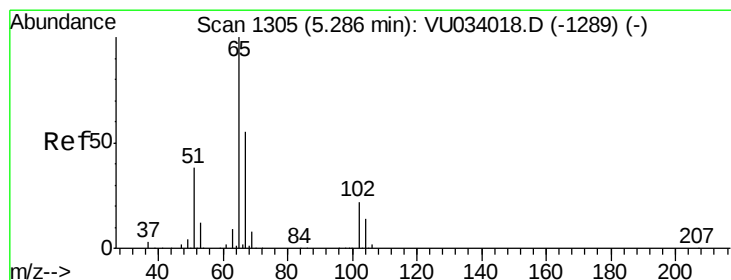
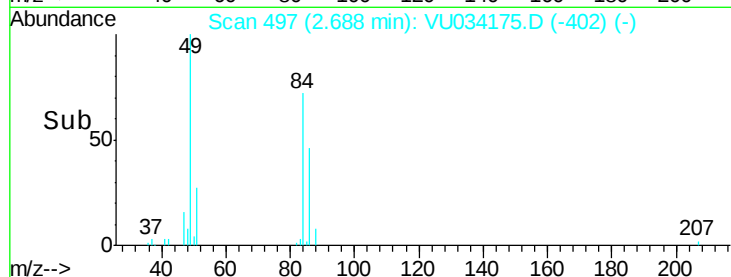
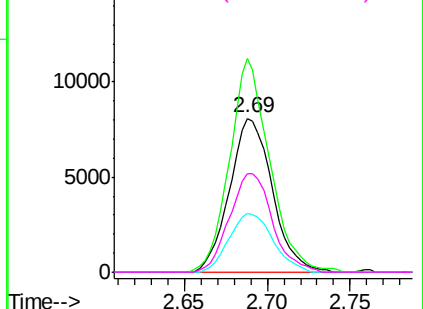
#20
Methvlene Chloride
Concen: 2.711 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.01 min
Lab File: VU034175.D
Acq: 01 Sep 2019 17:39

Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-N1-(0)

Tot Ion: 84 Resp: 14503
Ion Ratio Lower Upper
84 100
49 138.8 100.2 150.4
51 38.0 30.8 46.2
86 64.2 52.5 78.7

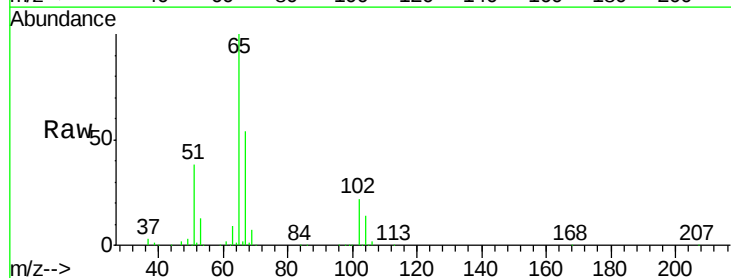


Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0

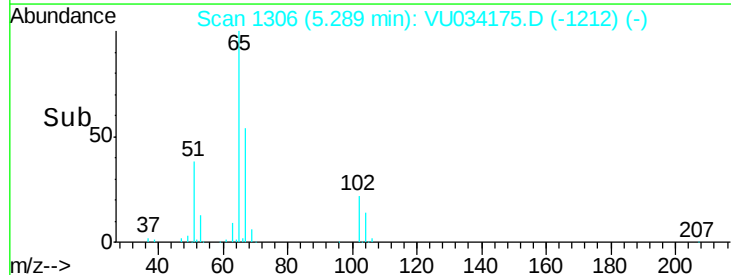
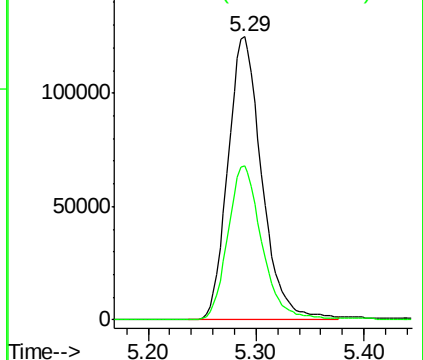


#33
1,2-Dichloroethane-d4
Concen: 49.529 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034175.D
Acq: 01 Sep 2019 17:39

Tgt Ion: 65 Resp: 274349
Ion Ratio Lower Upper
65 100
67 54.9 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: VU034175.D

Acq: 01 Sep 2019 17:39

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-N1-(0)

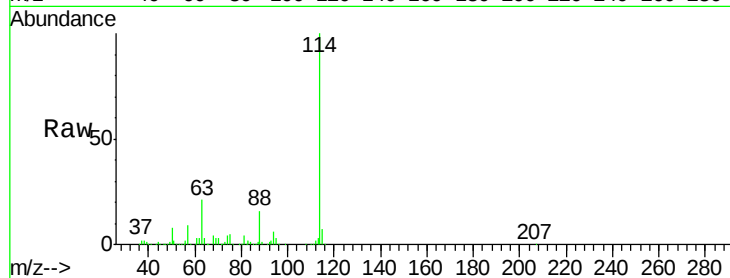
Tot Ion:114 Resp: 686338

Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.0

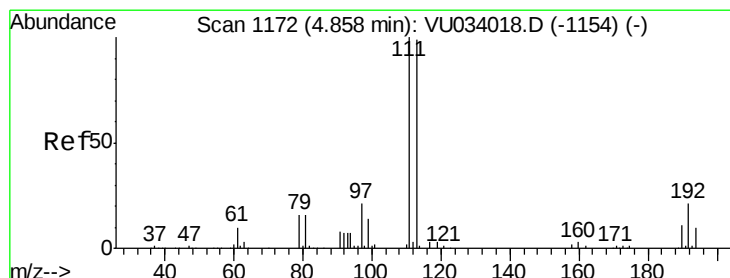
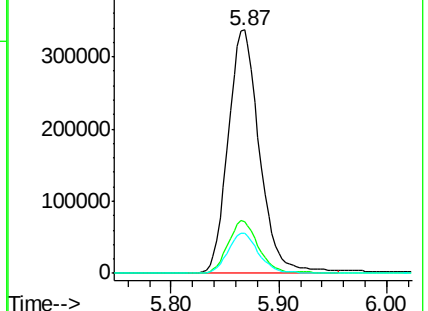
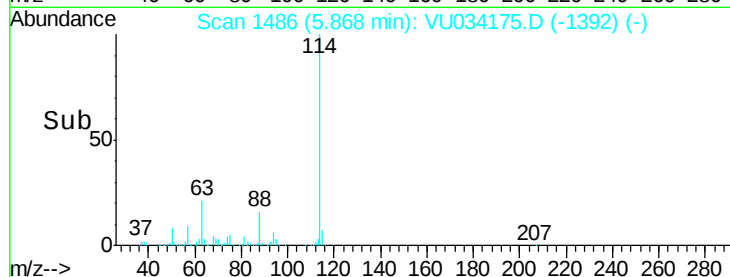
88 16.2 0.0 32.0



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: 48.404 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034175.D

Acq: 01 Sep 2019 17:39

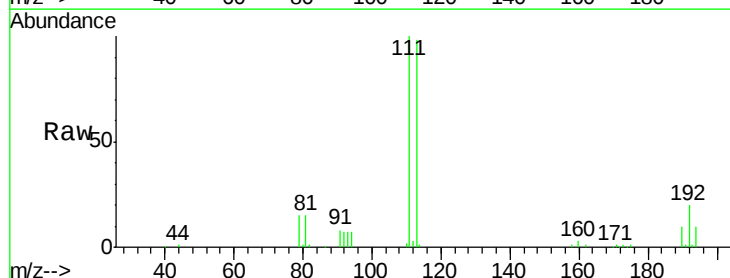
Tgt Ion:113 Resp: 230420

Ion Ratio Lower Upper

113 100

111 101.1 81.7 122.5

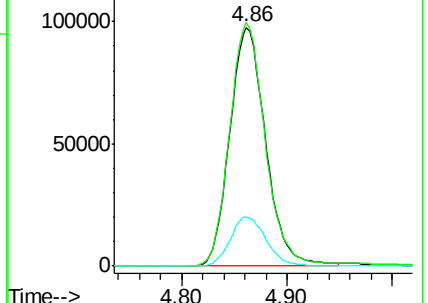
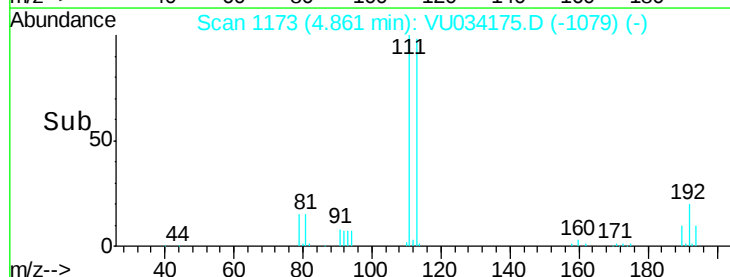
192 20.8 17.1 25.7

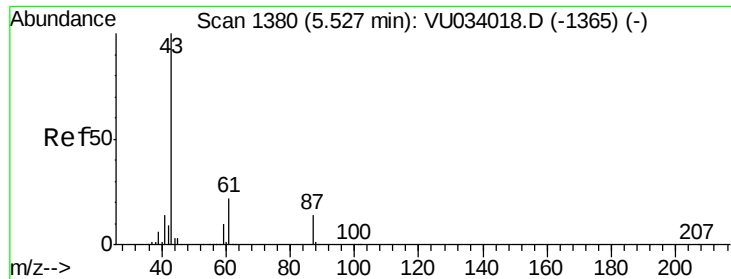


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

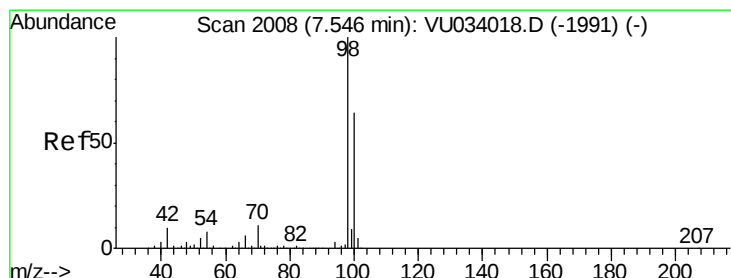
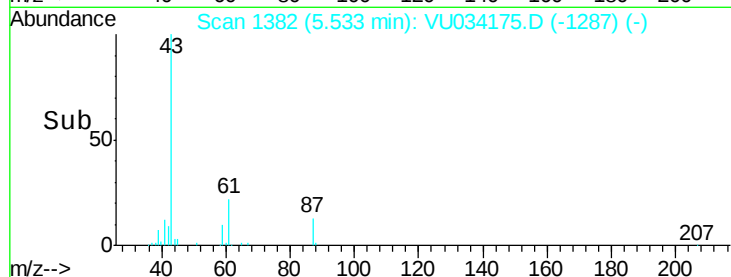
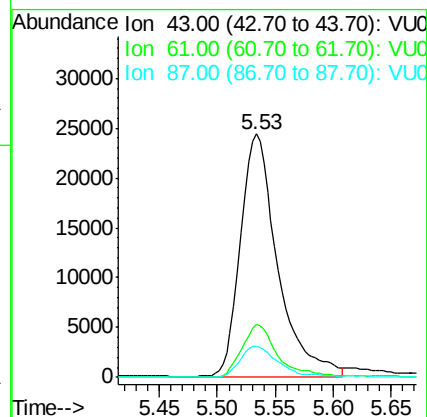
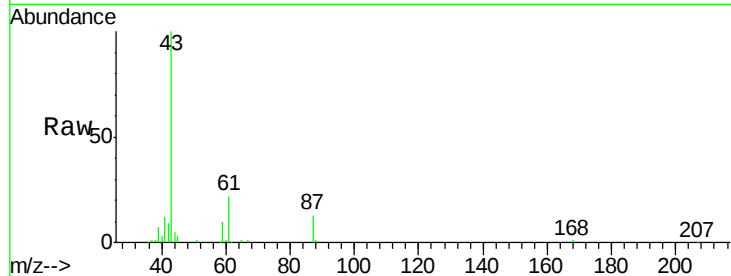




#43
Isopropyl Acetate
Concen: 4.966 ug/l
RT: 5.53 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VU034175.D
Acq: 01 Sep 2019 17:39

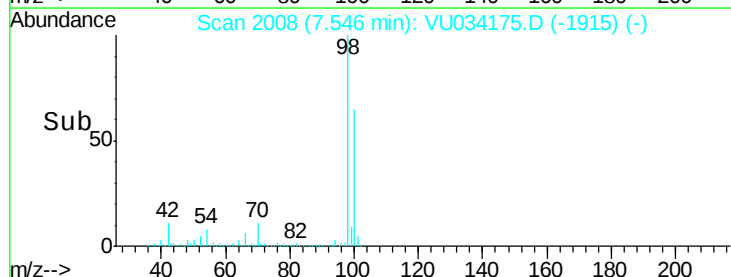
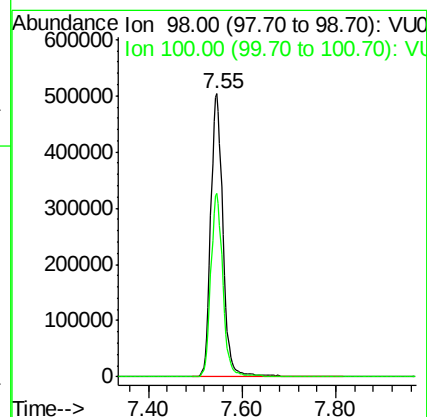
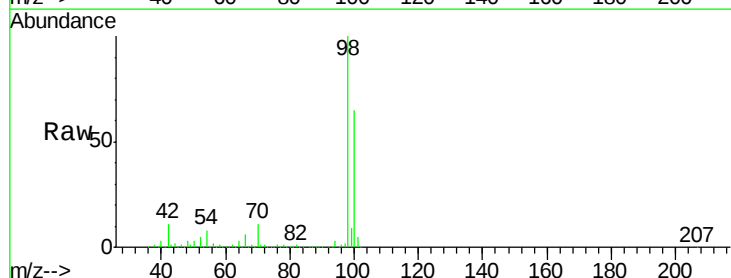
Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-N1-(0)

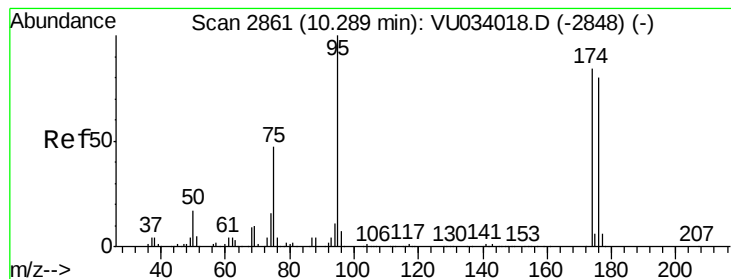
Tot Ion	43	Resp	54924
Ion Ratio	Lower	Upper	
43	100		
61	21.1	17.2	25.8
87	13.1	10.8	16.2



#50
Toluene-d8
Concen: 51.545 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VU034175.D
Acq: 01 Sep 2019 17:39

Tgt Ion	98	Resp	918771
Ion Ratio	Lower	Upper	
98	100		
100	63.4	50.3	75.5





#62

4-Bromofluorobenzene

Concen: 46.220 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.00 min

Lab File: VU034175.D

Acq: 01 Sep 2019 17:39

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-N1-(0)

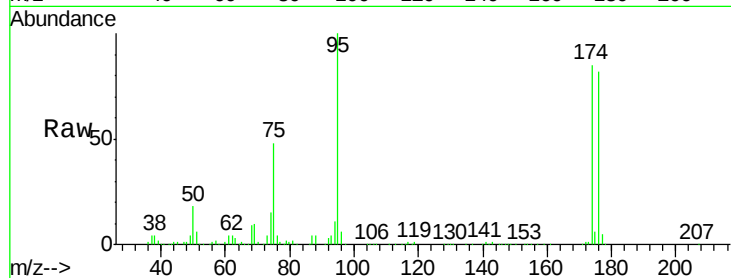
Tot Ion: 95 Resp: 320470

Ion Ratio Lower Upper

95 100

174 84.3 0.0 168.8

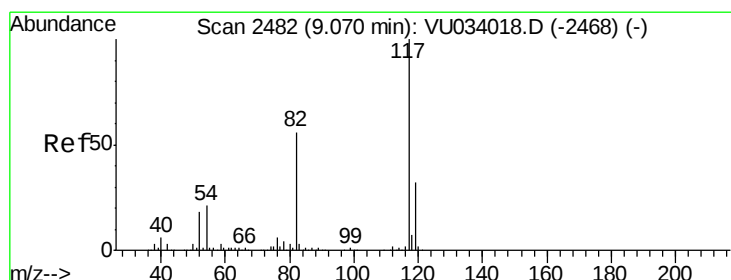
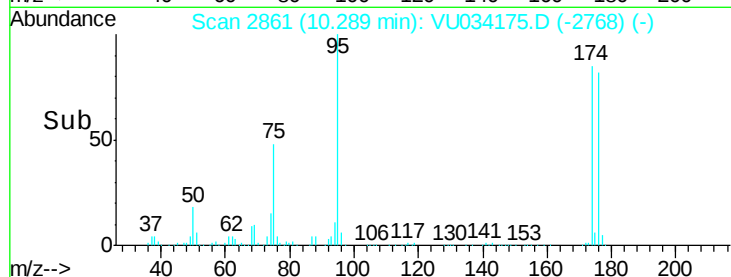
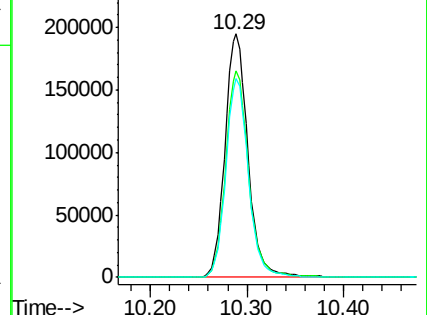
176 80.4 0.0 161.8



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: VU034175.D

Acq: 01 Sep 2019 17:39

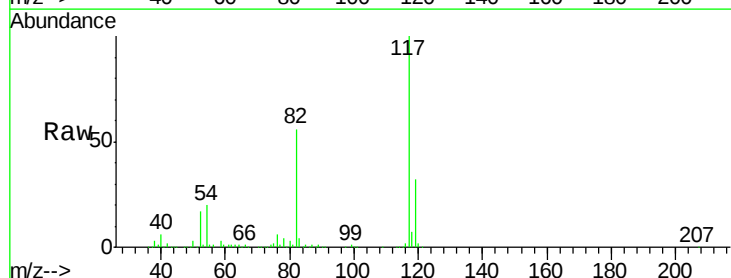
Tgt Ion: 117 Resp: 700985

Ion Ratio Lower Upper

117 100

82 55.5 45.1 67.7

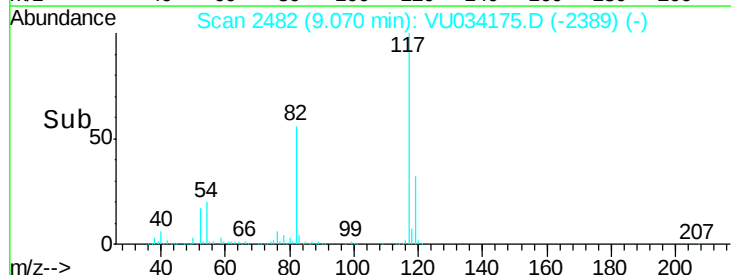
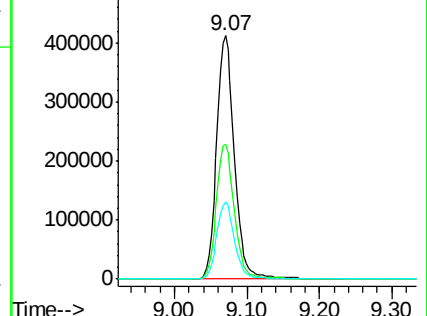
119 31.5 25.4 38.0

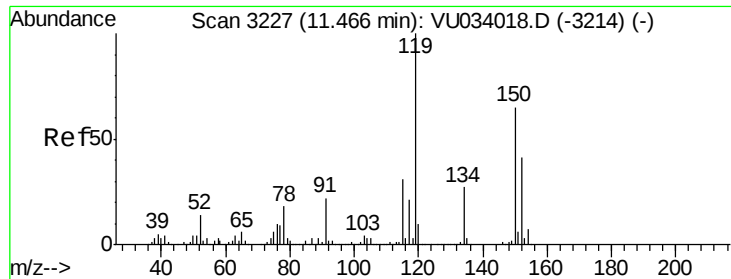


Abundance Ion 116.90 (116.60 to 117.60): VU034018.D (-2468) (-)

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: VU034175.D

Acq: 01 Sep 2019 17:39

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-N1-(0)

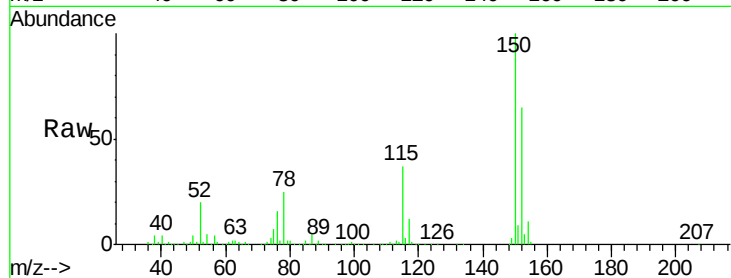
Tot Ion:152 Resp: 341656

Ion Ratio Lower Upper

152 100

115 57.4 41.1 123.3

150 156.7 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

