

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083119\
 Data File : VU034108.D
 Acq On : 30 Aug 2019 19:00
 Operator : JC/SP
 Sample : K4529-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T9-12-13-T2-(1.9)

Quant Time: Aug 31 04:37:30 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

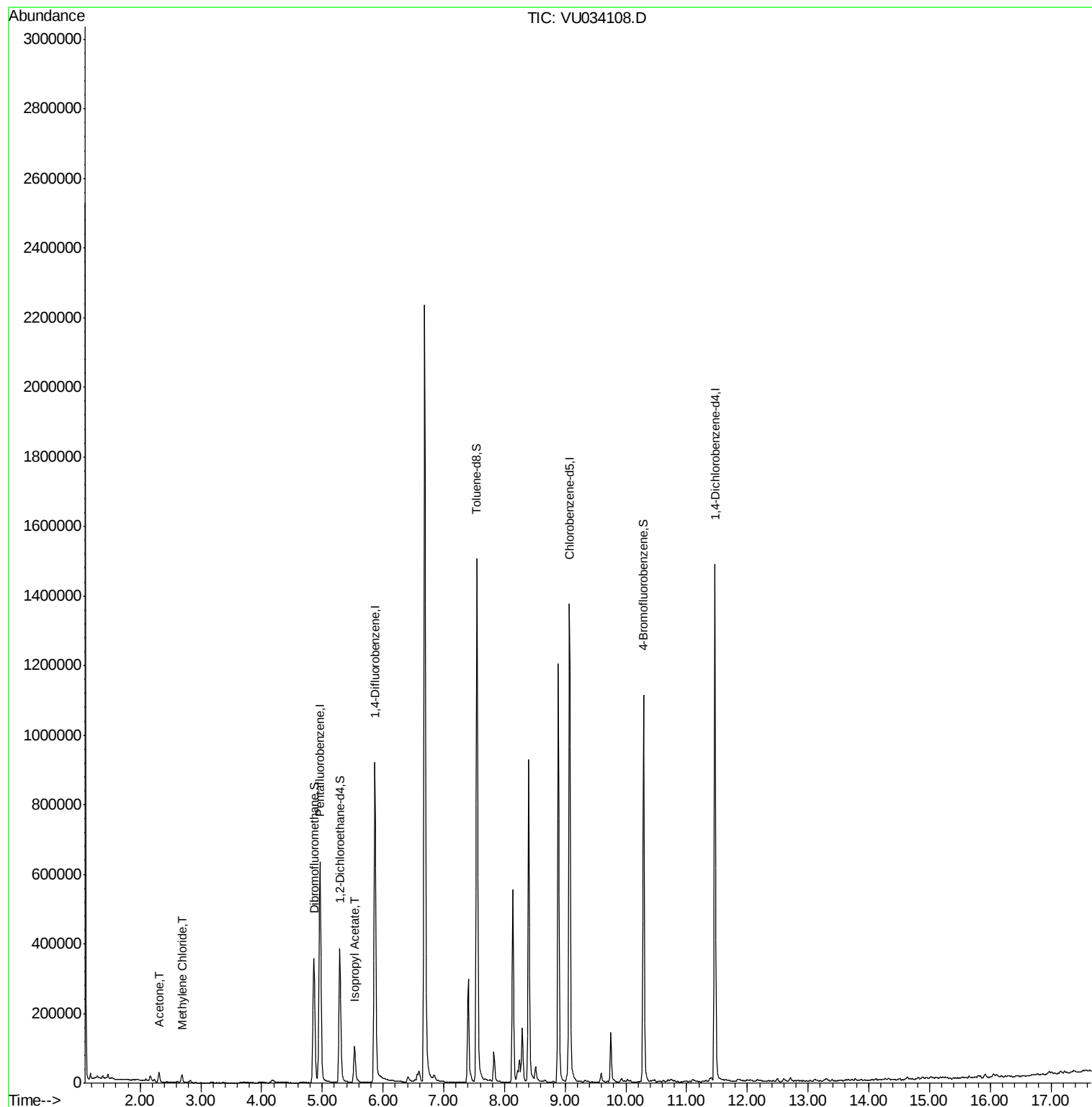
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	525116	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	831688	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	795625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	406224	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	309306	45.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.94%	
35) Dibromofluoromethane	4.86	113	262758	45.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.10%	
50) Toluene-d8	7.55	98	1049766	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
62) 4-Bromofluorobenzene	10.29	95	381772	45.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.88%	
Target Compounds						
16) Acetone	2.31	43	33999	9.903	ug/l	99
20) Methylene Chloride	2.69	84	10698	1.646	ug/l	94
43) Isopropyl Acetate	5.53	43	124694	9.304	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# 1204

Delta R.T. 0.00 min

Lab File: VU034108.D

Acq: 30 Aug 2019 19:00

Instrument :

MSVOA_U

ClientSampleId :

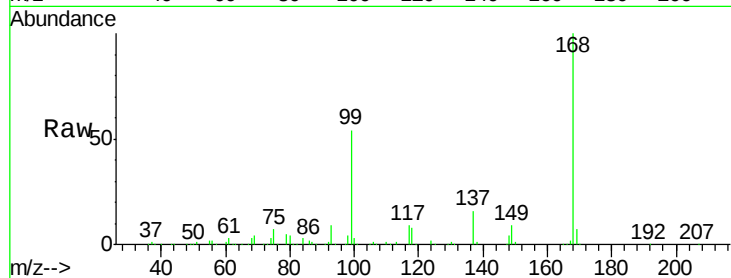
T9-12-13-T2-(1.9)

Tot Ion:168 Resp: 525116

Ion Ratio Lower Upper

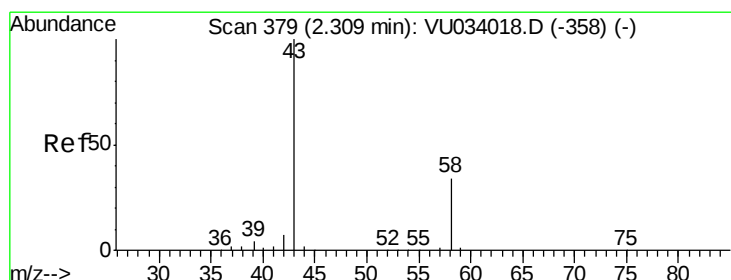
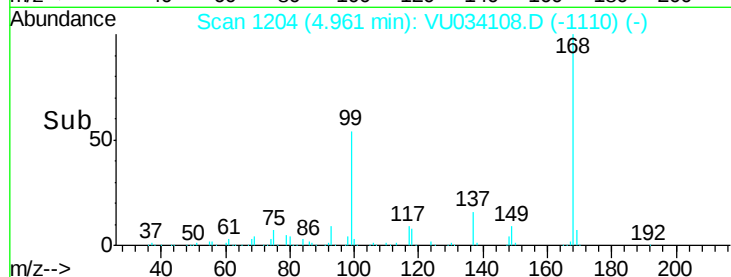
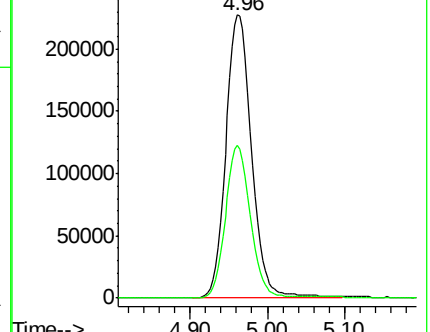
168 100

99 54.0 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034108.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU034108.D (-1185) (-)



#16

Acetone

Concen: 9.903 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034108.D

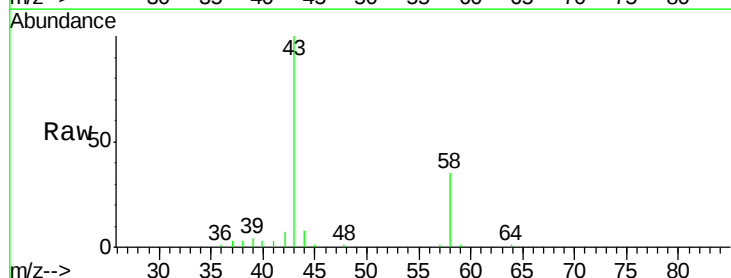
Acq: 30 Aug 2019 19:00

Tgt Ion: 43 Resp: 33999

Ion Ratio Lower Upper

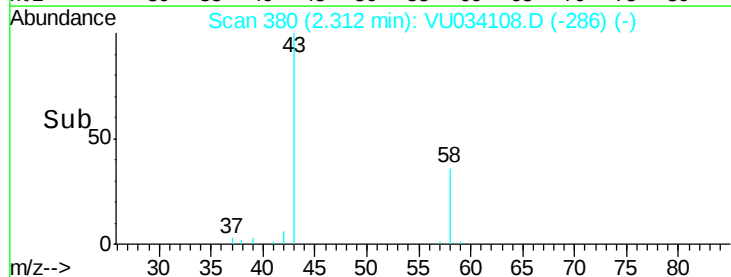
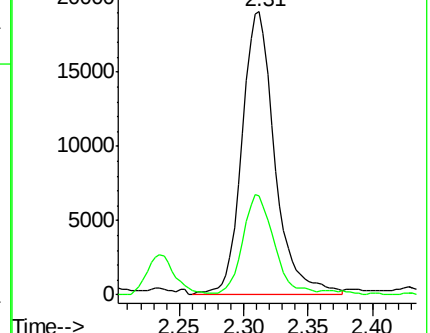
43 100

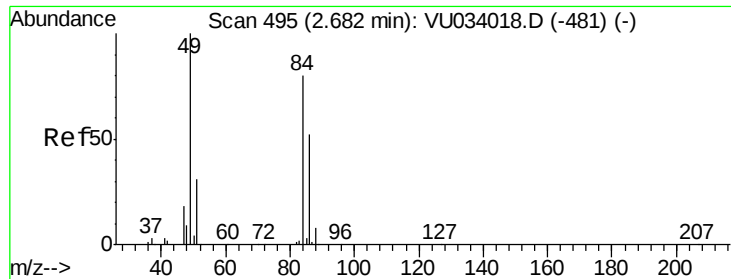
58 33.9 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VU034108.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034108.D (-286) (-)

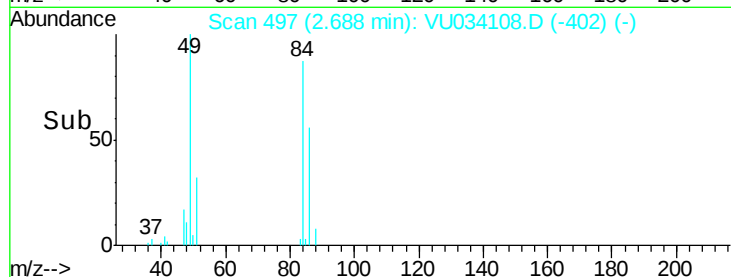
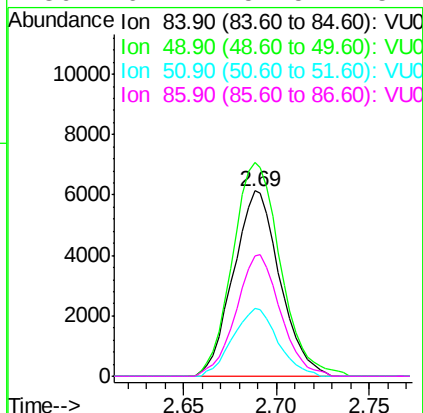
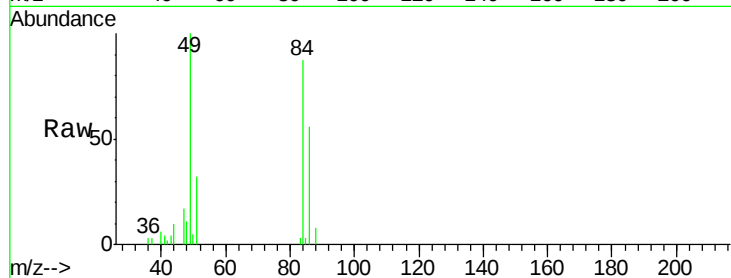




#20
Methvlene Chloride
Concen: 1.646 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.01 min
Lab File: VU034108.D
Acq: 30 Aug 2019 19:00

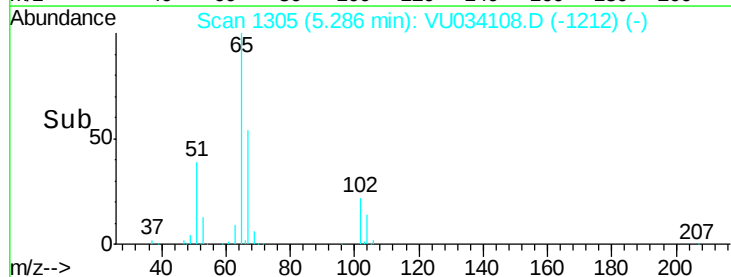
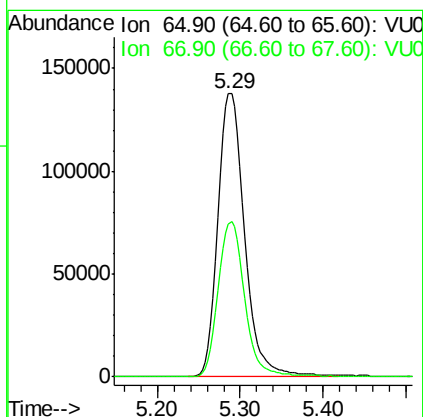
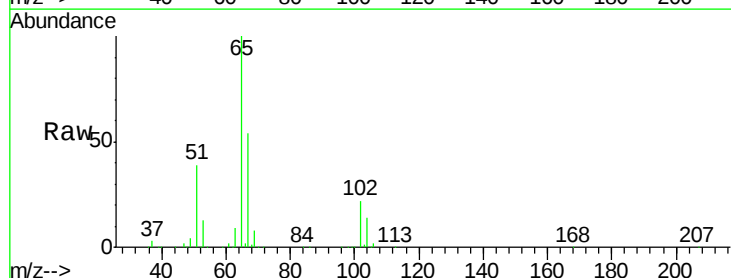
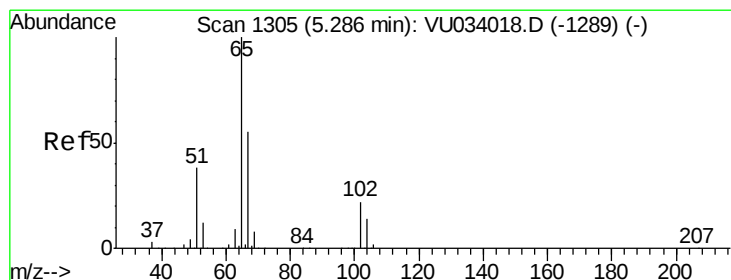
Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-T2-(1.9)

Tot Ion: 84 Resp: 10698
Ion Ratio Lower Upper
84 100
49 115.2 100.2 150.4
51 36.4 30.8 46.2
86 64.7 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 45.969 ug/l
RT: 5.29 min Scan# 1305
Delta R.T. 0.00 min
Lab File: VU034108.D
Acq: 30 Aug 2019 19:00

Tgt Ion: 65 Resp: 309306
Ion Ratio Lower Upper
65 100
67 54.4 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.86 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VU034108.D

Acq: 30 Aug 2019 19:00

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-T2-(1.9)

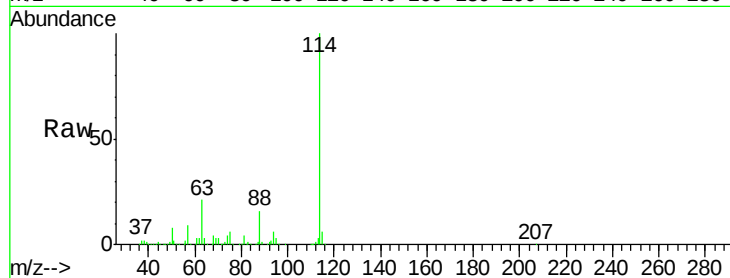
Tot Ion:114 Resp: 831688

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.0

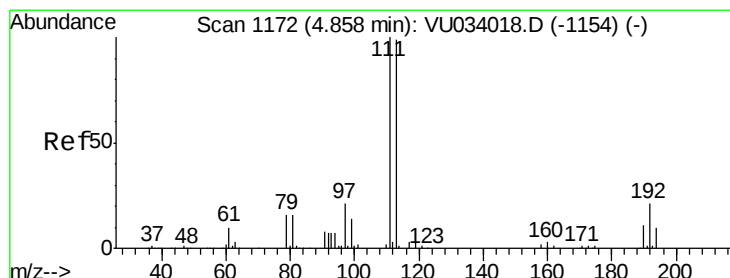
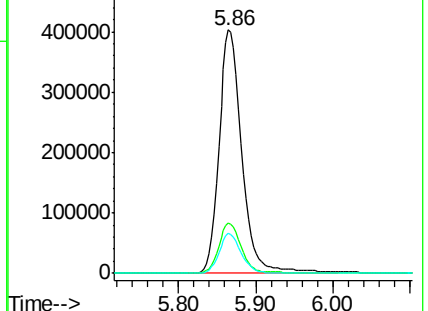
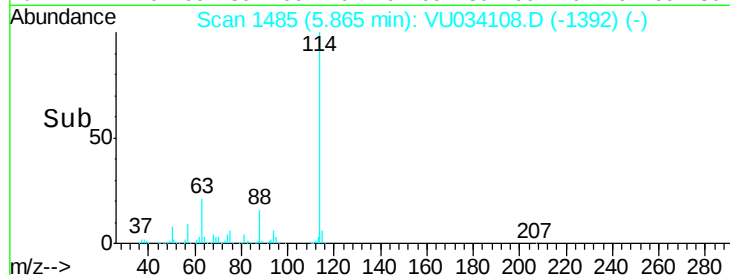
88 16.3 0.0 32.0



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: 45.550 ug/l

RT: 4.86 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU034108.D

Acq: 30 Aug 2019 19:00

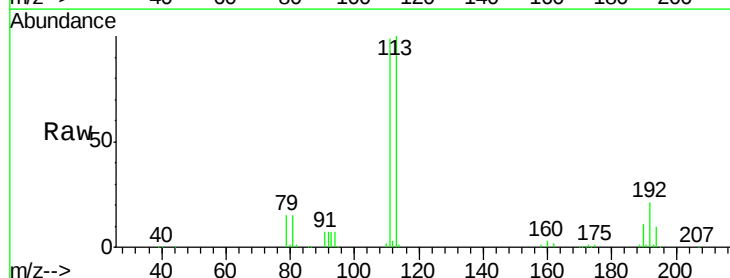
Tgt Ion:113 Resp: 262758

Ion Ratio Lower Upper

113 100

111 100.6 81.7 122.5

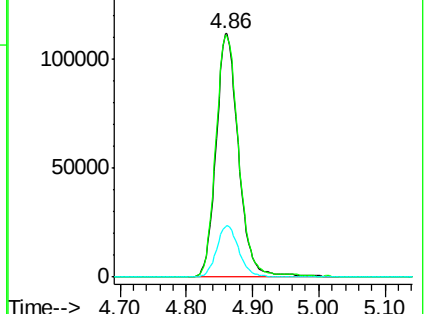
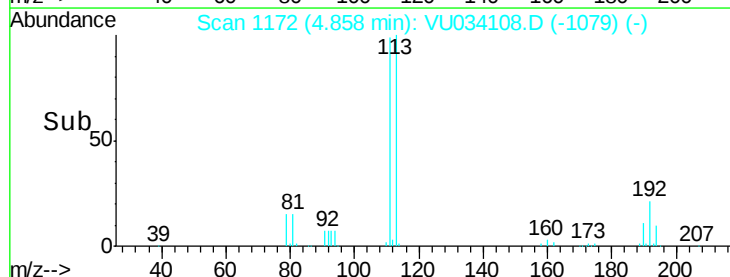
192 20.8 17.1 25.7

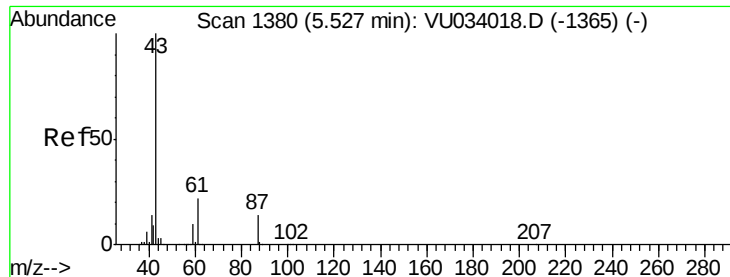


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

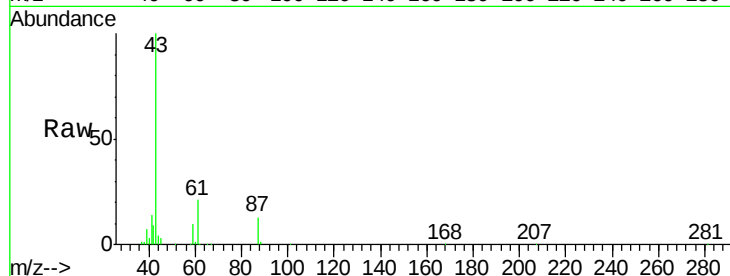




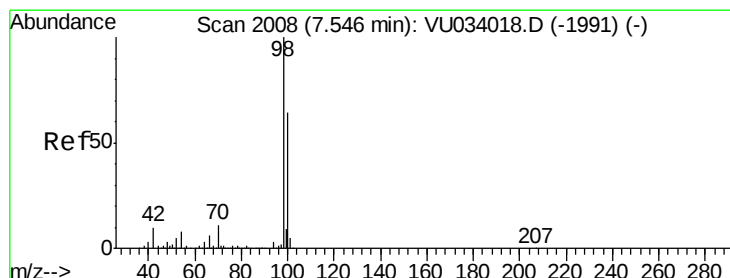
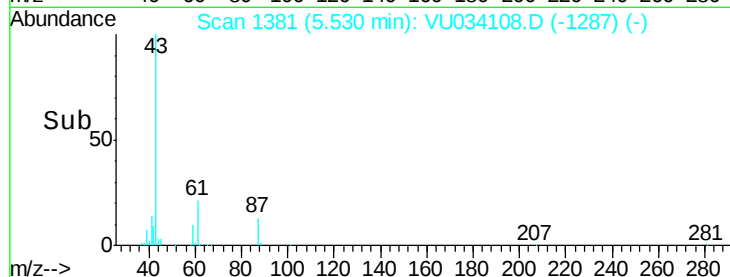
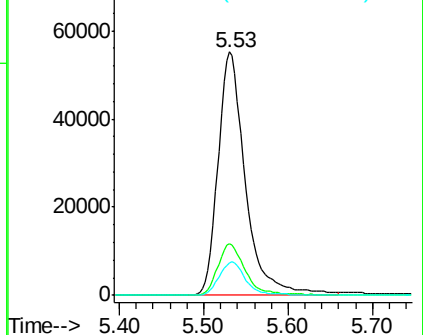
#43
Isopropyl Acetate
Concen: 9.304 ug/l
RT: 5.53 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VU034108.D
Acq: 30 Aug 2019 19:00

Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-T2-(1.9)

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.9	17.2	25.8
87	13.2	10.8	16.2

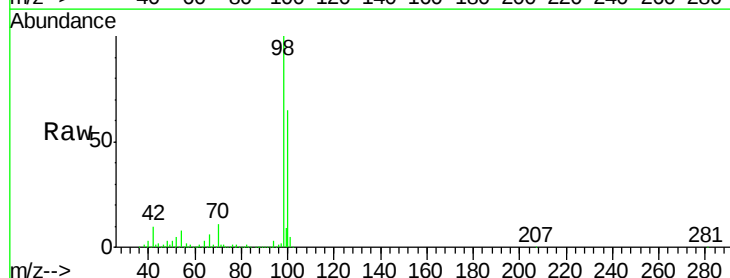


Abundance Ion 43.00 (42.70 to 43.70): VU034108.D (-1365) (-)

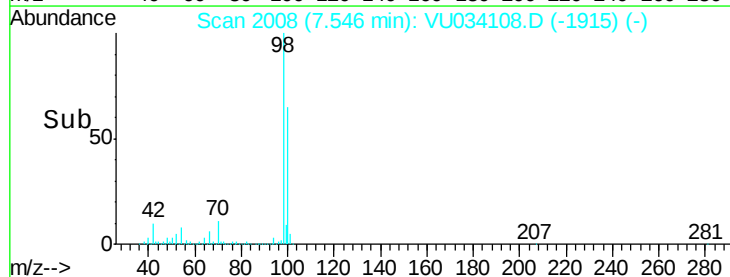
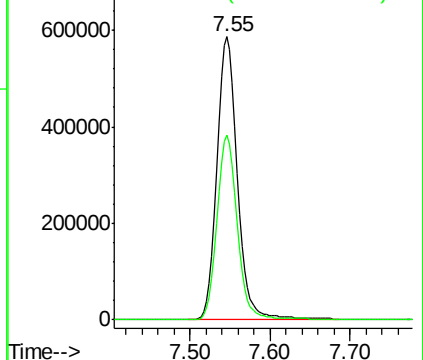


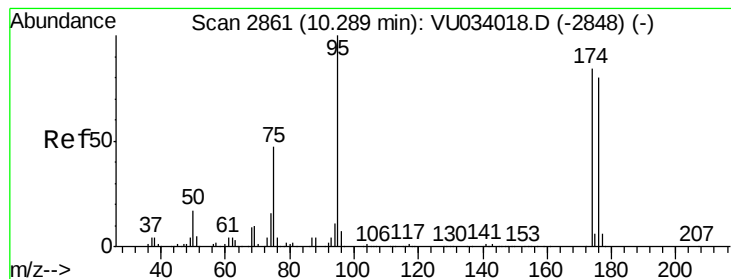
#50
Toluene-d8
Concen: 48.601 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034108.D
Acq: 30 Aug 2019 19:00

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	50.3	75.5



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





#62

4-Bromofluorobenzene

Concen: 45.438 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034108.D

Acq: 30 Aug 2019 19:00

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-T2-(1.9)

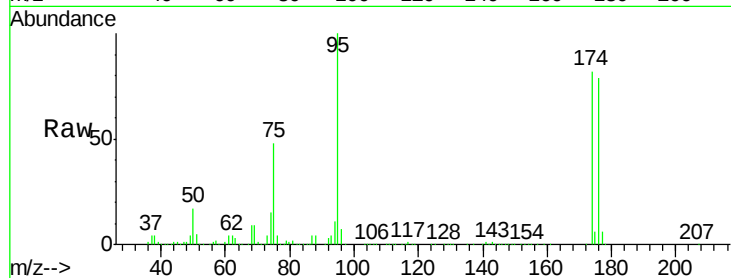
Tot Ion: 95 Resp: 381772

Ion Ratio Lower Upper

95 100

174 83.4 0.0 168.8

176 81.0 0.0 161.8

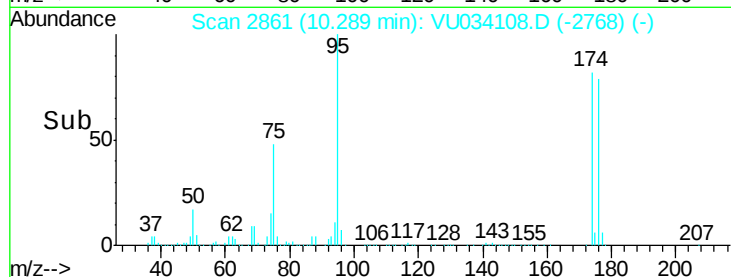


Abundance Ion 94.90 (94.60 to 95.60): VU034108.D (-2848) (-)

Ion 173.80 (173.50 to 174.50): VU034108.D (-2848) (-)

Ion 175.80 (175.50 to 176.50): VU034108.D (-2848) (-)

Time-->

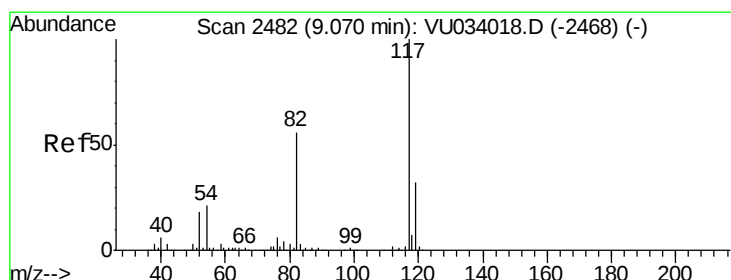


Abundance Ion 94.90 (94.60 to 95.60): VU034108.D (-2848) (-)

Ion 173.80 (173.50 to 174.50): VU034108.D (-2848) (-)

Ion 175.80 (175.50 to 176.50): VU034108.D (-2848) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. 0.00 min

Lab File: VU034108.D

Acq: 30 Aug 2019 19:00

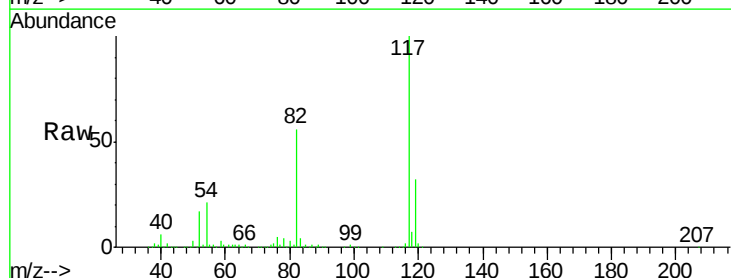
Tgt Ion: 117 Resp: 795625

Ion Ratio Lower Upper

117 100

82 55.7 45.1 67.7

119 31.6 25.4 38.0

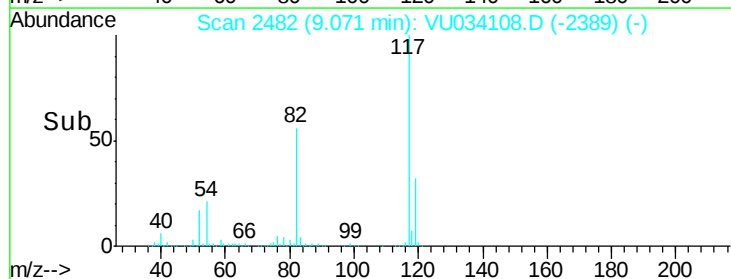


Abundance Ion 116.90 (116.60 to 117.60): VU034108.D (-2468) (-)

Ion 82.00 (81.70 to 82.70): VU034108.D (-2468) (-)

Ion 118.90 (118.60 to 119.60): VU034108.D (-2468) (-)

Time-->

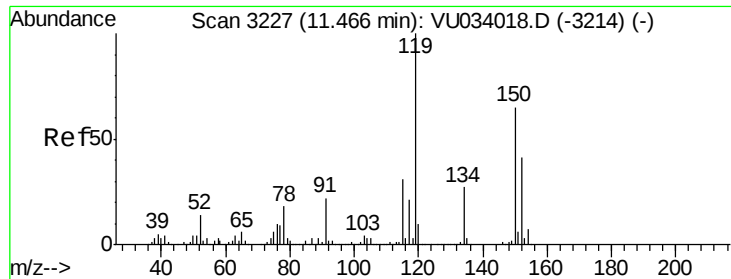


Abundance Ion 116.90 (116.60 to 117.60): VU034108.D (-2468) (-)

Ion 82.00 (81.70 to 82.70): VU034108.D (-2468) (-)

Ion 118.90 (118.60 to 119.60): VU034108.D (-2468) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.47 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VU034108.D

Acq: 30 Aug 2019 19:00

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-T2-(1.9)

Tot Ion:152 Resp: 406224

Ion Ratio Lower Upper

152 100

115 57.3 41.1 123.3

150 158.0 0.0 348.8

