

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U091818\
 Data File : VU026859.D
 Acq On : 18 Sep 2018 14:04
 Operator : MD/SY
 Sample : J4896-09 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08L4

Quant Time: Sep 19 07:05:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 19 05:05:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	243242	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	231869	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	95512	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	79989	44.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.90%
7) Chloroethane-d5	1.68	69	72142	46.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.68%
11) 1,1-Dichloroethene-d2	2.27	63	118484	34.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.60%
21) 2-Butanone-d5	4.18	46	137611	115.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.24%
24) Chloroform-d	4.65	84	157225	47.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.22%
26) 1,2-Dichloroethane-d4	5.31	65	106381	50.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.24%
32) Benzene-d6	5.34	84	329866	50.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.52%
36) 1,2-Dichloropropane-d6	6.33	67	107250	51.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.44%
41) Toluene-d8	7.57	98	277192	47.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.44%
43) trans-1,3-Dichloropropene-	7.85	79	45419	48.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.18%
47) 2-Hexanone-d5	8.31	63	95826	116.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.45%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	147835	50.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.28%
64) 1,2-Dichlorobenzene-d4	11.86	152	110197	55.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.92%

Target Compounds

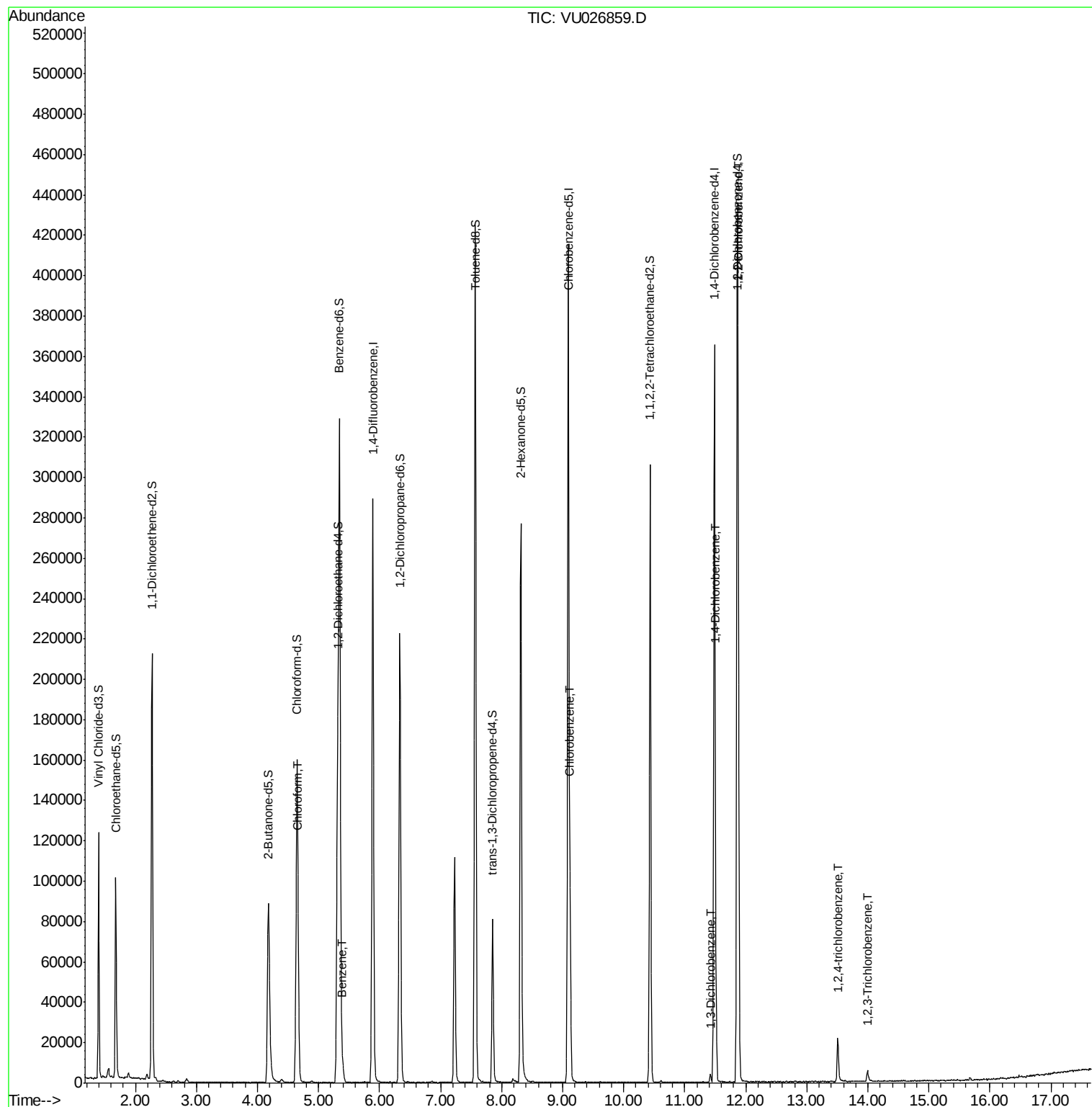
					Ovalue
25) Chloroform	4.67	83	4303	1.268 ug/L	98
33) Benzene	5.39	78	10009	1.392 ug/L	100
51) Chlorobenzene	9.12	112	46024	9.324 ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	2279	0.783 ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	19117	5.963 ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	66916	20.756 ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	8445	4.349 ug/L	98
70) 1,2,3-Trichlorobenzene	13.99	180	2925	1.368 ug/L #	92

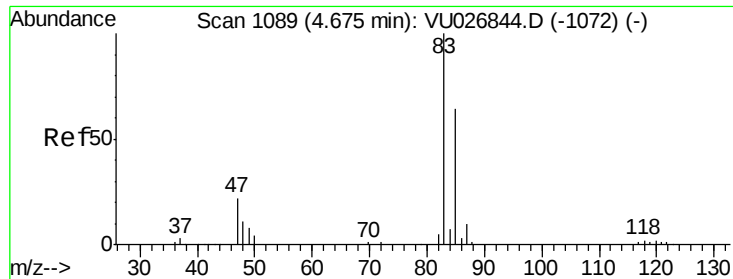
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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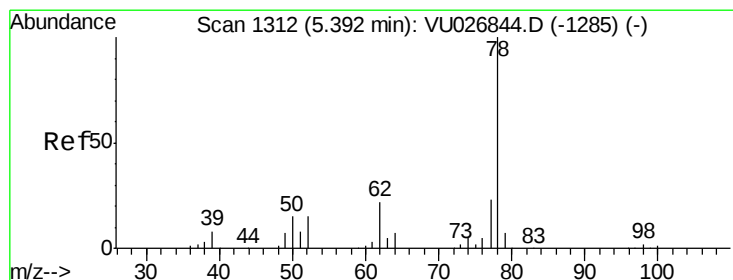
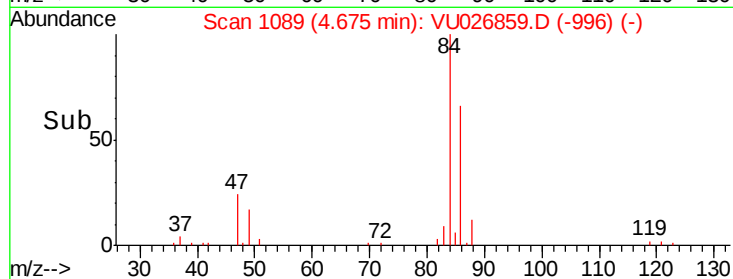
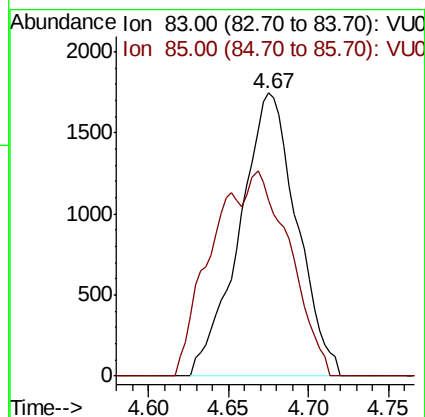
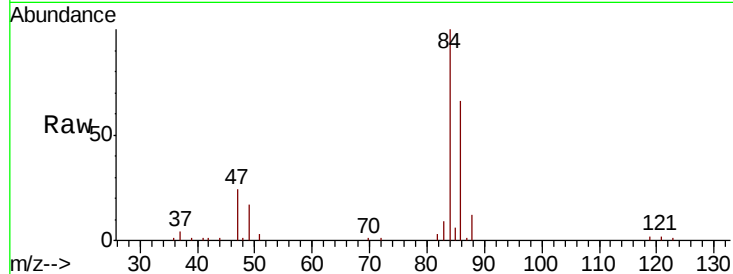




#25
Chloroform
Concen: 1.268 ug/L
RT: 4.67 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VU026859.D
Acq: 18 Sep 2018 14:04

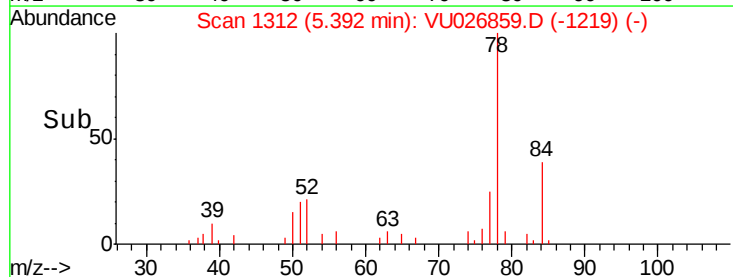
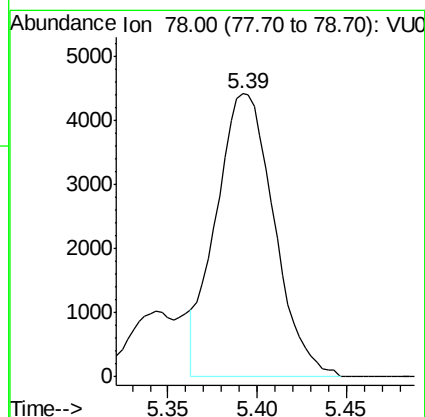
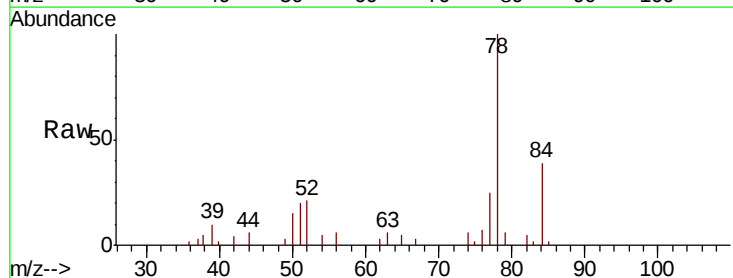
Instrument :
MSVOA_U
ClientSampleId :
C08L4

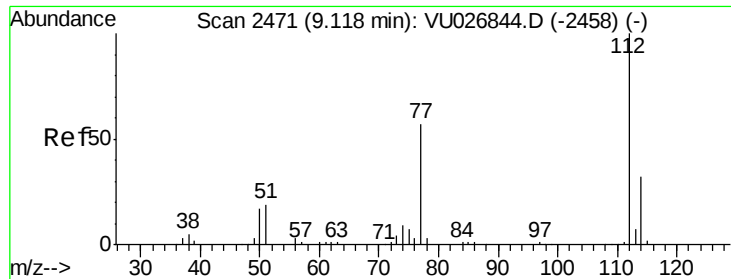
Tot Ion: 83 Resp: 4303
Ion Ratio Lower Upper
83 100
85 62.3 44.4 82.5



#33
Benzene
Concen: 1.392 ug/L
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU026859.D
Acq: 18 Sep 2018 14:04

Tgt Ion: 78 Resp: 10009

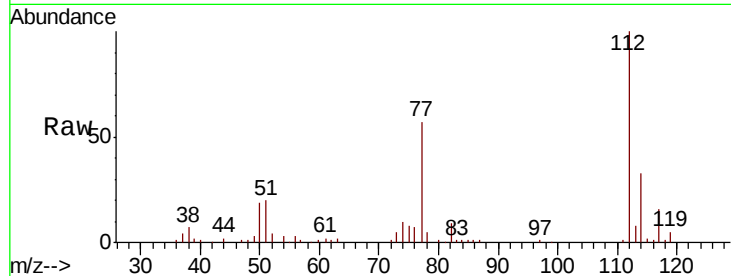




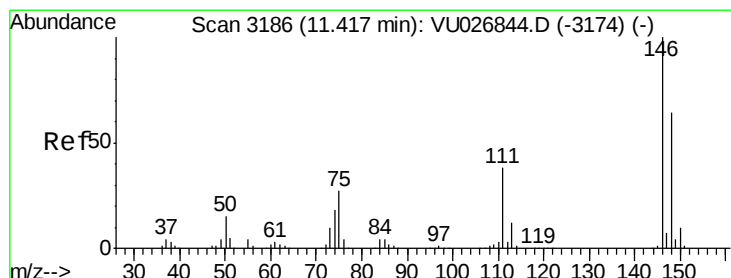
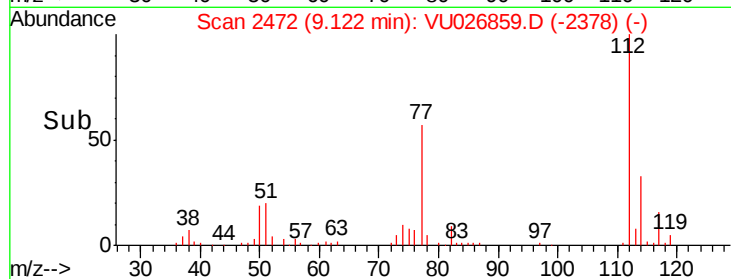
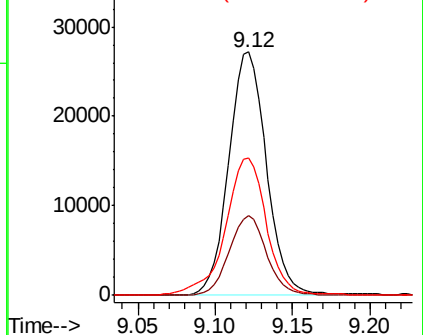
#51
Chlorobenzene
Concen: 9.324 ug/L
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU026859.D
Acq: 18 Sep 2018 14:04

Instrument :
MSVOA_U
ClientSampled :
C08L4

Tot Ion:112 Resp: 46024
Ion Ratio Lower Upper
112 100
114 32.8 22.3 41.5
77 56.6 45.1 67.7

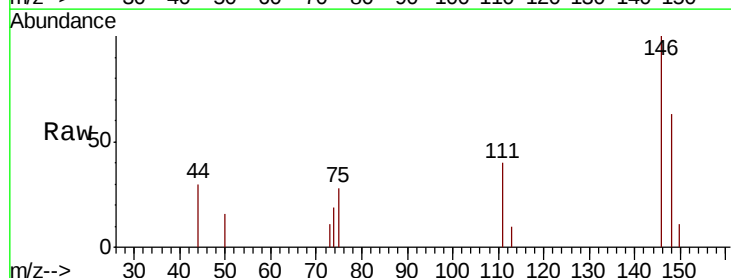


Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): V

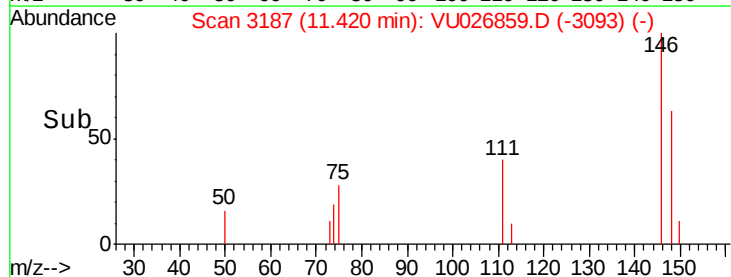
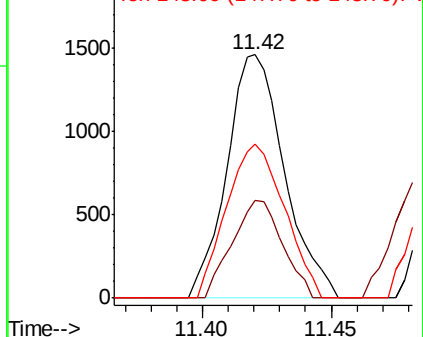


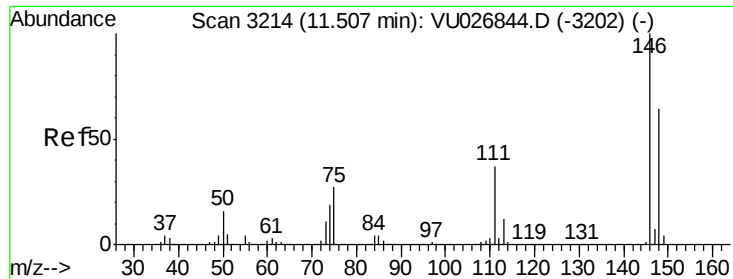
#62
1,3-Dichlorobenzene
Concen: 0.783 ug/L
RT: 11.42 min Scan# 3187
Delta R.T. 0.00 min
Lab File: VU026859.D
Acq: 18 Sep 2018 14:04

Tgt Ion:146 Resp: 2279
Ion Ratio Lower Upper
146 100
111 40.1 26.7 49.7
148 63.0 44.9 83.5



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V





#63

1,4-Dichlorobenzene

Concen: 5.963 ug/L

RT: 11.51 min Scan# 3214

Delta R.T. 0.00 min

Lab File: VU026859.D

Acq: 18 Sep 2018 14:04

Instrument :

MSVOA_U

ClientSampleId :

C08L4

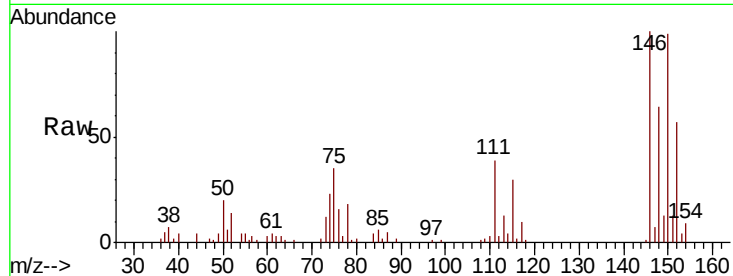
Tot Ion:146 Resp: 19117

Ion Ratio Lower Upper

146 100

111 38.7 26.0 48.2

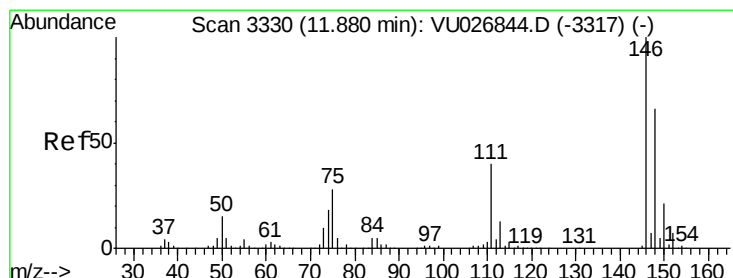
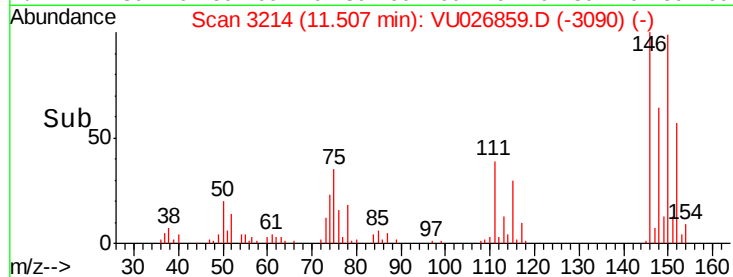
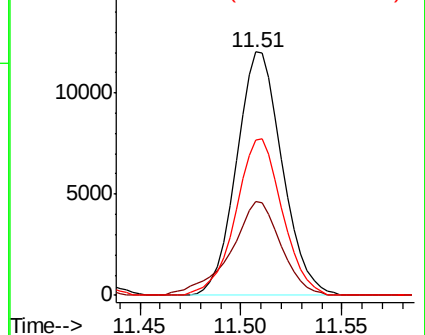
148 63.5 45.8 85.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#65

1,2-Dichlorobenzene

Concen: 20.756 ug/L

RT: 11.88 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VU026859.D

Acq: 18 Sep 2018 14:04

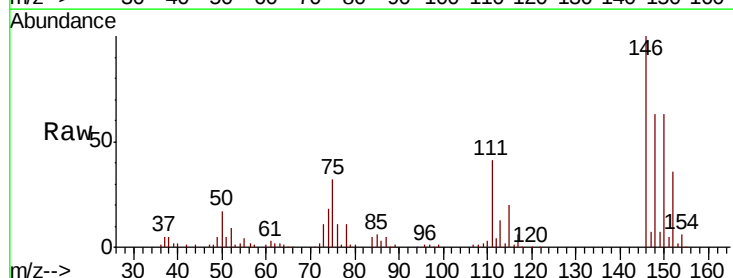
Tgt Ion:146 Resp: 66916

Ion Ratio Lower Upper

146 100

111 40.8 31.4 47.0

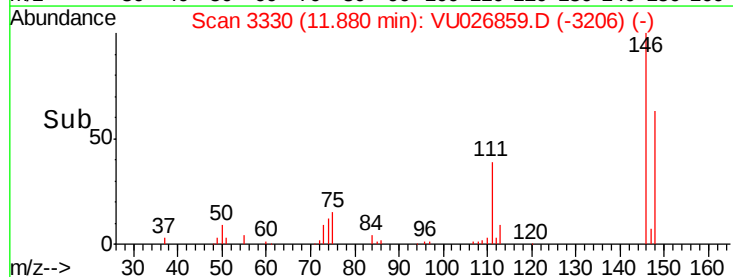
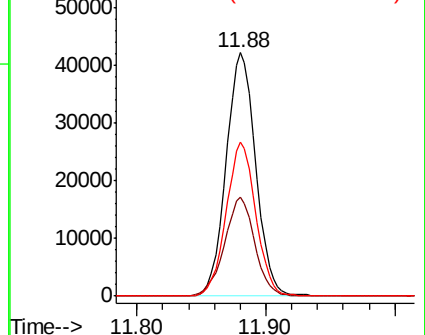
148 63.3 51.4 77.2

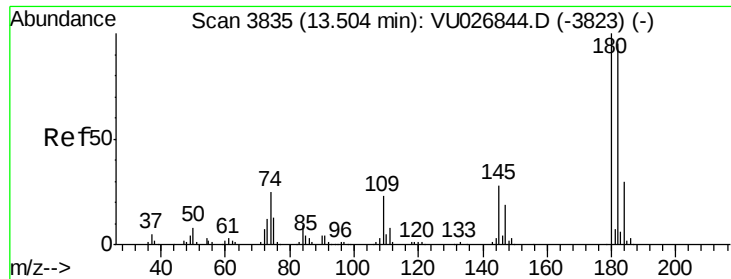


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

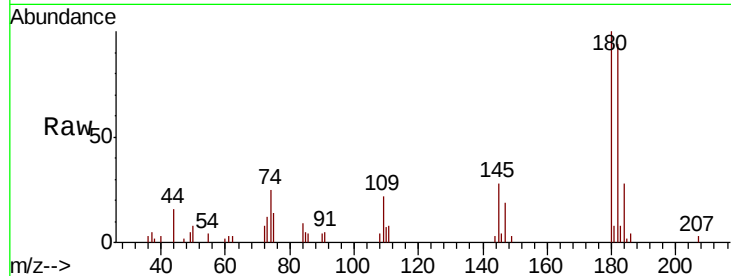




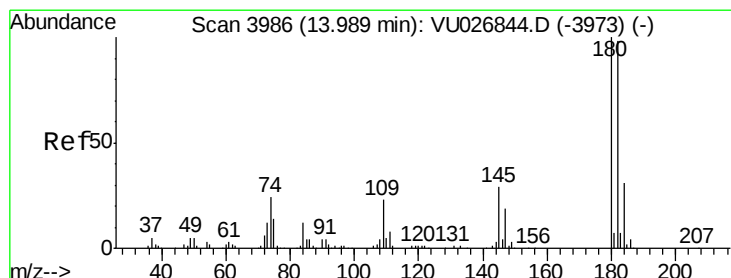
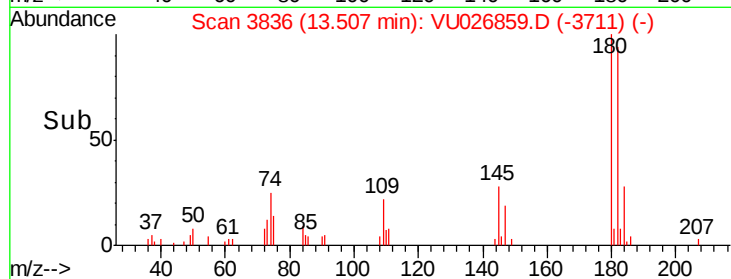
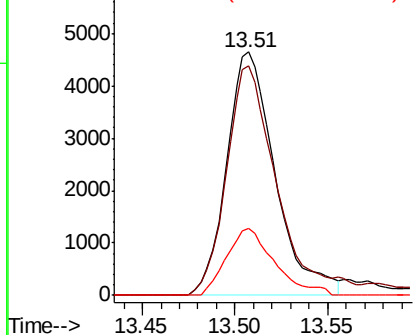
#68
 1,2,4-trichlorobenzene
 Concen: 4.349 ug/L
 RT: 13.51 min Scan# 3836
 Delta R.T. 0.00 min
 Lab File: VU026859.D
 Acq: 18 Sep 2018 14:04

Instrument :
 MSVOA_U
 ClientSampleId :
 C08L4

Tot Ion:180 Resp: 8445
 Ion Ratio Lower Upper
 180 100
 182 94.8 76.8 115.2
 145 26.3 22.2 33.2

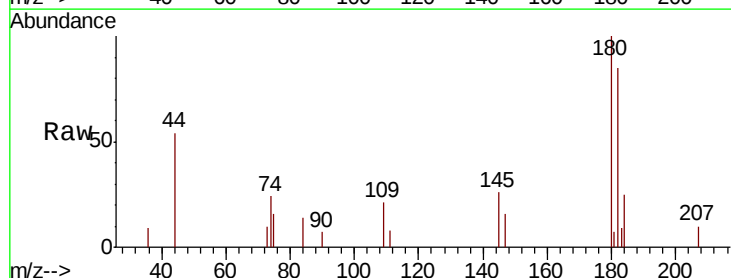


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V



#70
 1,2,3-Trichlorobenzene
 Concen: 1.368 ug/L
 RT: 13.99 min Scan# 3987
 Delta R.T. 0.00 min
 Lab File: VU026859.D
 Acq: 18 Sep 2018 14:04

Tgt Ion:180 Resp: 2925
 Ion Ratio Lower Upper
 180 100
 182 88.3 75.6 113.4
 145 23.0 23.8 35.6#



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

