

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091518\
 Data File : VU026758.D
 Acq On : 14 Sep 2018 12:07
 Operator : MD/SY
 Sample : J4893-12DL 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08N9DL

Quant Time: Sep 21 05:51:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 21 05:15:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	168411	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	158530	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	68376	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	57074	45.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.96%
7) Chloroethane-d5	1.68	69	46476	45.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.92%
11) 1,1-Dichloroethene-d2	2.27	63	78247	34.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.68%
21) 2-Butanone-d5	4.18	46	79857	102.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.25%
24) Chloroform-d	4.65	84	91762	43.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.94%
26) 1,2-Dichloroethane-d4	5.31	65	65217	47.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.50%
32) Benzene-d6	5.34	84	192950	47.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.06%
36) 1,2-Dichloropropane-d6	6.33	67	65376	47.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.96%
41) Toluene-d8	7.57	98	169912	44.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.26%
43) trans-1,3-Dichloropropene-	7.85	79	27763	43.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.74%
47) 2-Hexanone-d5	8.31	63	54695	97.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.36%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	87018	46.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.32%
64) 1,2-Dichlorobenzene-d4	11.86	152	66484	48.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.54%

Target Compounds

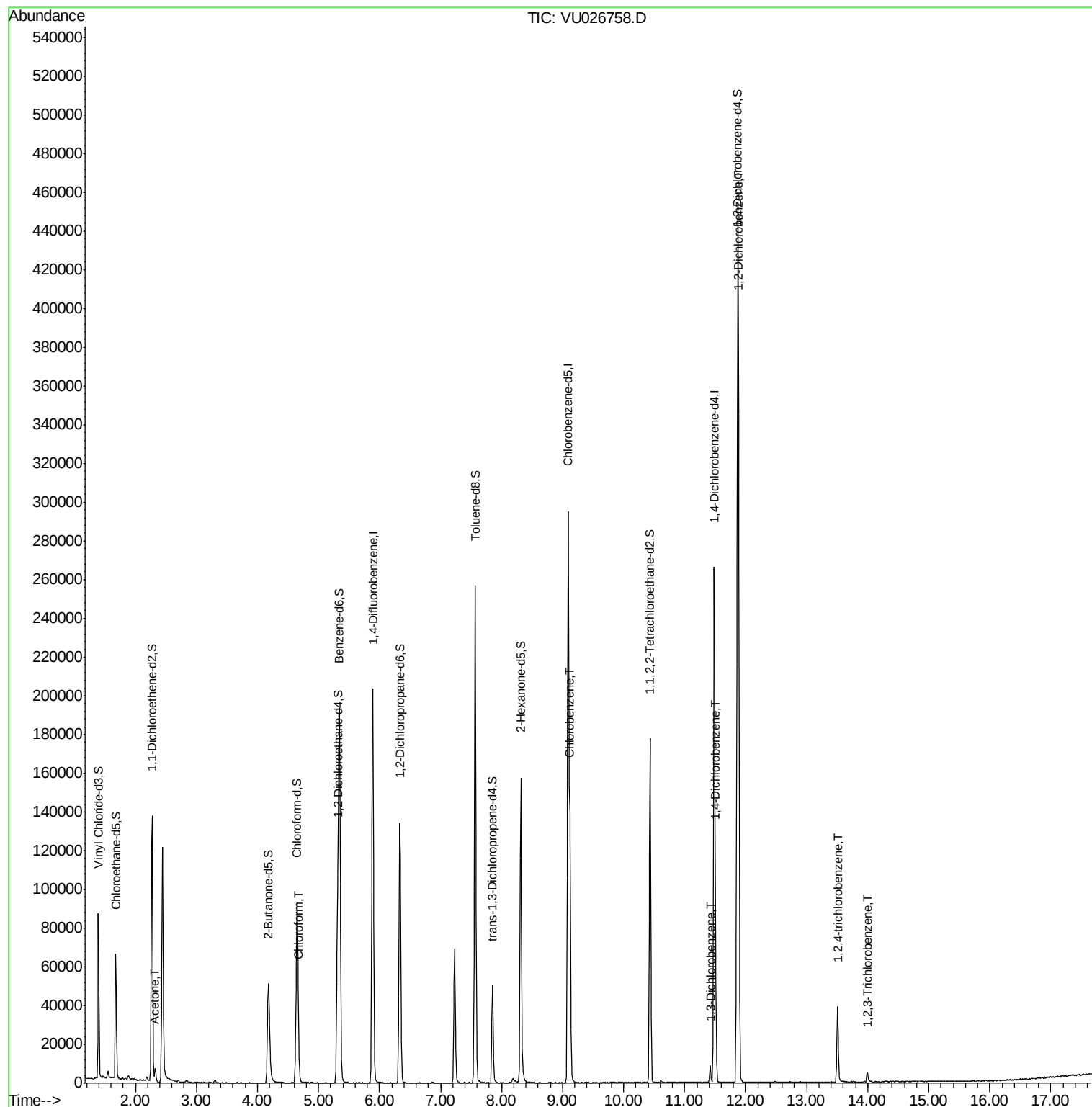
					Ovalue
13) Acetone	2.32	43	6809	7.655	ug/L 95
25) Chloroform	4.68	83	3858	1.881	ug/L 96
51) Chlorobenzene	9.12	112	70929	23.477	ug/L 99
62) 1,3-Dichlorobenzene	11.42	146	3852	1.962	ug/L 95
63) 1,4-Dichlorobenzene	11.51	146	16832	8.093	ug/L 96
65) 1,2-Dichlorobenzene	11.88	146	157812	76.055	ug/L 99
68) 1,2,4-trichlorobenzene	13.50	180	14118	10.430	ug/L 98
70) 1,2,3-Trichlorobenzene	13.99	180	2630	1.794	ug/L 88

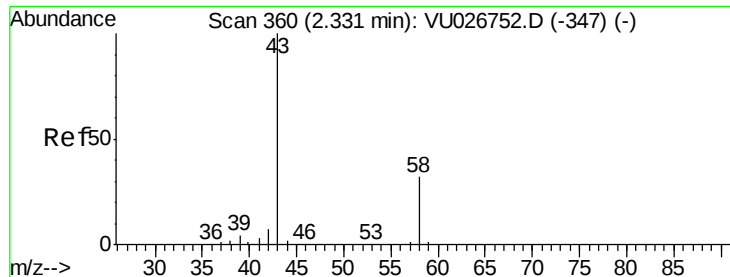
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 21 05:15:18 2018
Response via : Initial Calibration





#13

Acetone

Concen: 7.655 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU026758.D

Acq: 14 Sep 2018 12:07

Instrument :

MSVOA_U

ClientSampleId :

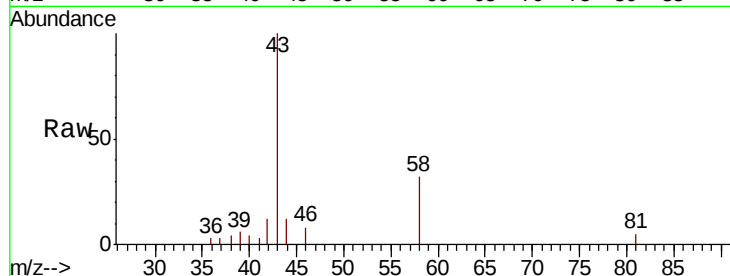
C08N9DL

Tot Ion: 43 Resp: 6809

Ion Ratio Lower Upper

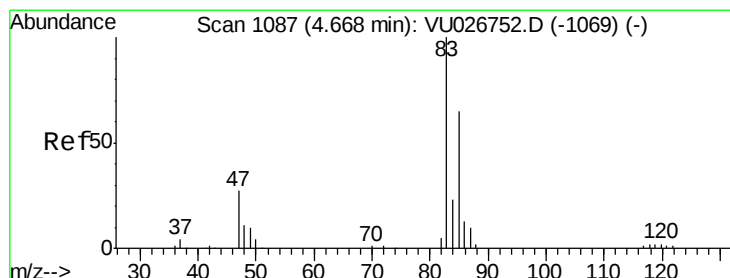
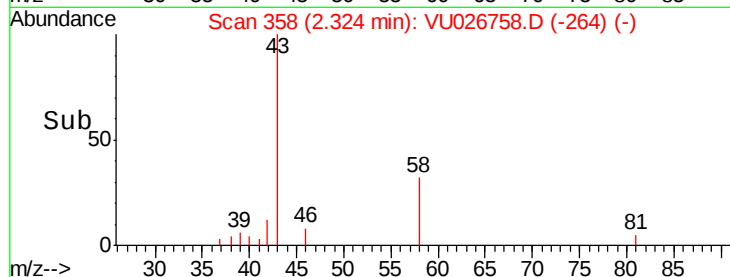
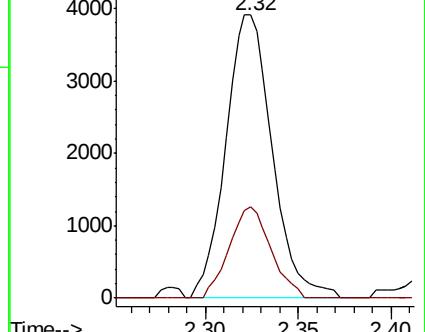
43 100

58 28.9 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU026758.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VU026758.D (-347) (-)



#25

Chloroform

Concen: 1.881 ug/L

RT: 4.68 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VU026758.D

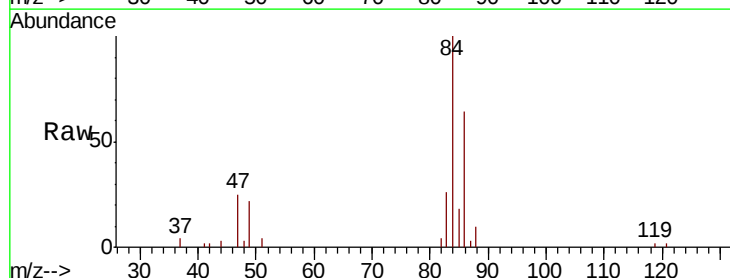
Acq: 14 Sep 2018 12:07

Tgt Ion: 83 Resp: 3858

Ion Ratio Lower Upper

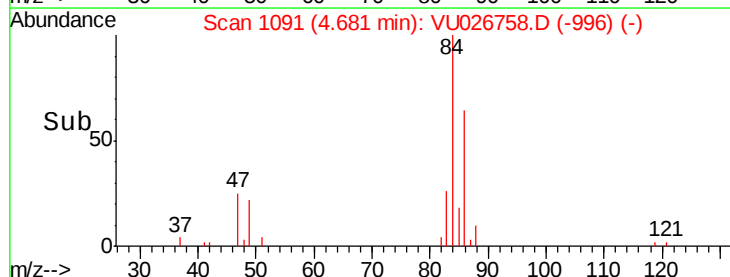
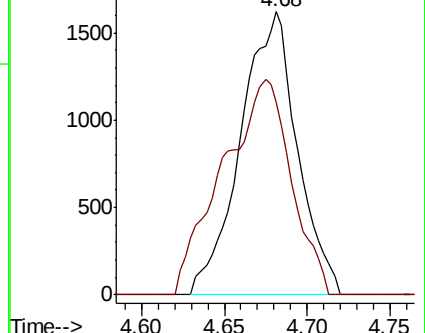
83 100

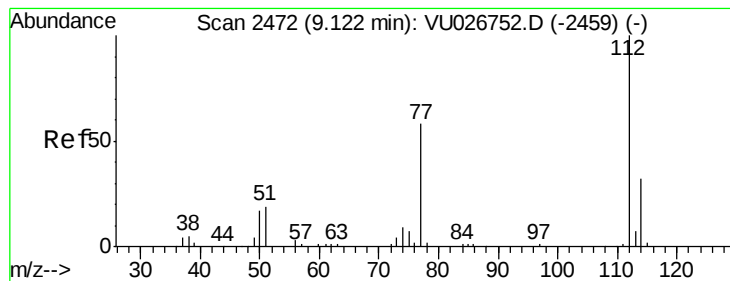
85 68.1 45.6 84.6



Abundance Ion 83.00 (82.70 to 83.70): VU026758.D (-996) (-)

Ion 85.00 (84.70 to 85.70): VU026758.D (-996) (-)





#51

Chlorobenzene

Concen: 23.477 ug/L

RT: 9.12 min Scan# 2472

Delta R.T. -0.00 min

Lab File: VU026758.D

Acq: 14 Sep 2018 12:07

Instrument :

MSVOA_U

ClientSampleId :

C08N9DL

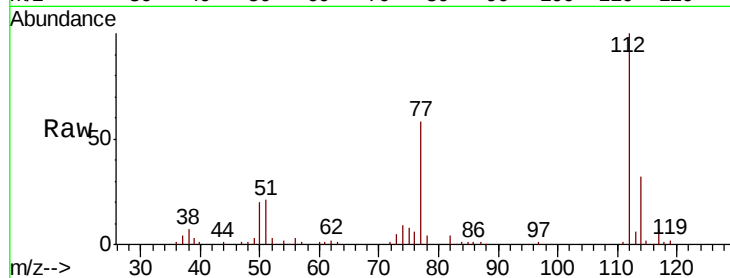
Tot Ion:112 Resp: 70929

Ion Ratio Lower Upper

112 100

114 32.2 22.9 42.5

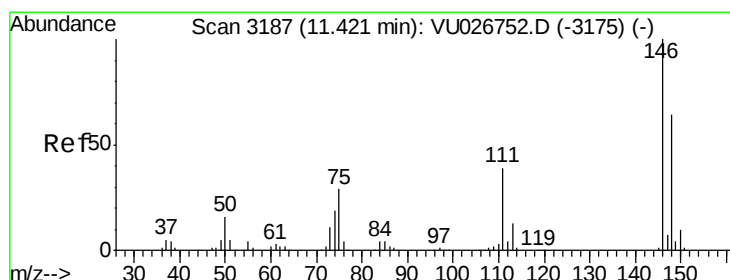
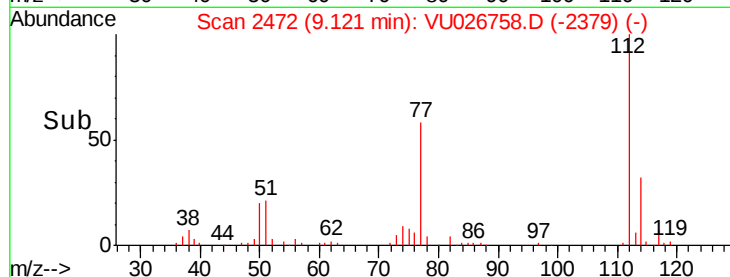
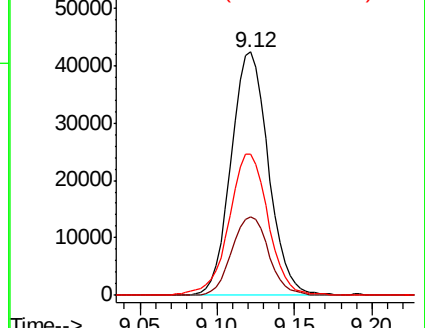
77 57.8 47.2 70.8



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): VU0



#62

1,3-Dichlorobenzene

Concen: 1.962 ug/L

RT: 11.42 min Scan# 3187

Delta R.T. 0.00 min

Lab File: VU026758.D

Acq: 14 Sep 2018 12:07

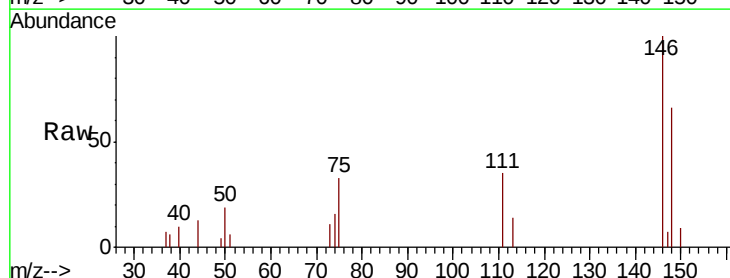
Tgt Ion:146 Resp: 3852

Ion Ratio Lower Upper

146 100

111 34.7 26.7 49.5

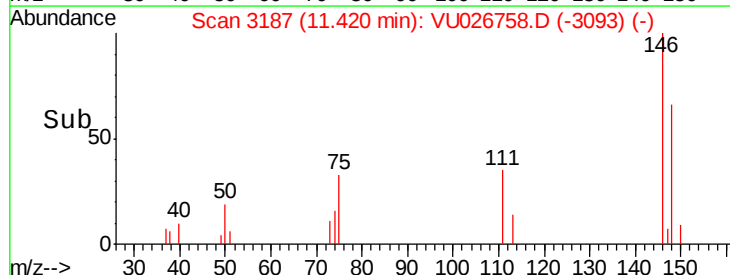
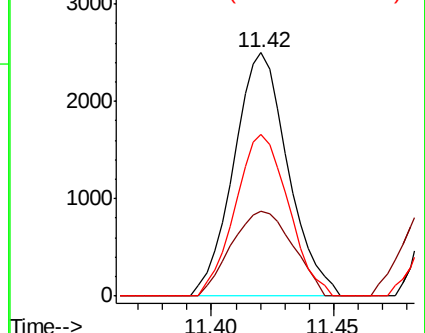
148 66.3 44.2 82.2

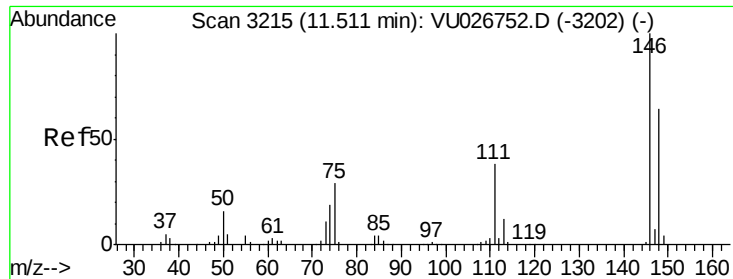


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#63

1,4-Dichlorobenzene

Concen: 8.093 ug/L

RT: 11.51 min Scan# 3215

Delta R.T. 0.00 min

Lab File: VU026758.D

Acq: 14 Sep 2018 12:07

Instrument :

MSVOA_U

ClientSampleId :

C08N9DL

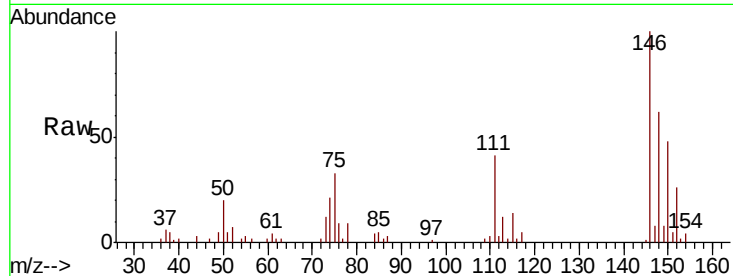
Tot Ion:146 Resp: 16832

Ion Ratio Lower Upper

146 100

111 41.4 26.5 49.3

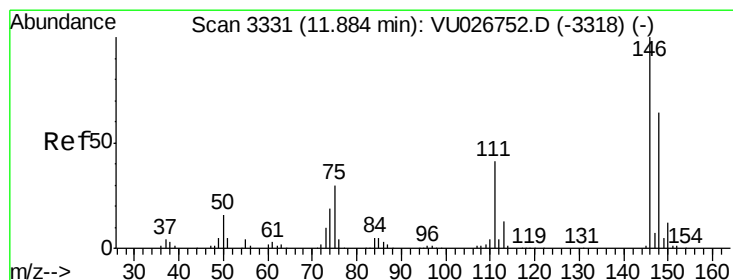
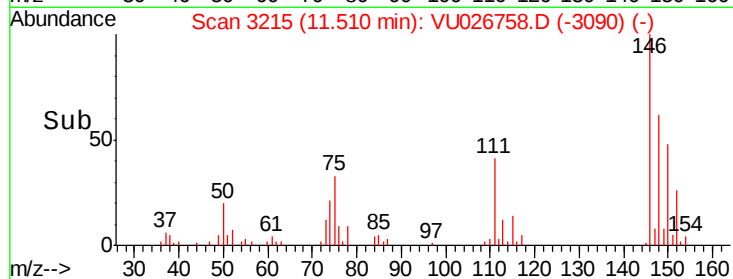
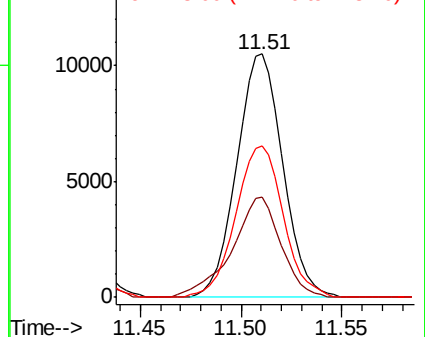
148 62.4 45.2 84.0



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: 76.055 ug/L

RT: 11.88 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VU026758.D

Acq: 14 Sep 2018 12:07

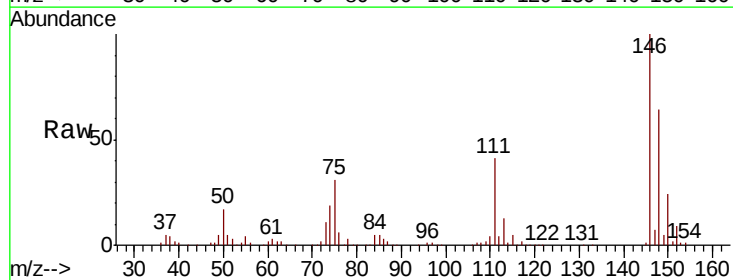
Tgt Ion:146 Resp: 157812

Ion Ratio Lower Upper

146 100

111 41.1 32.8 49.2

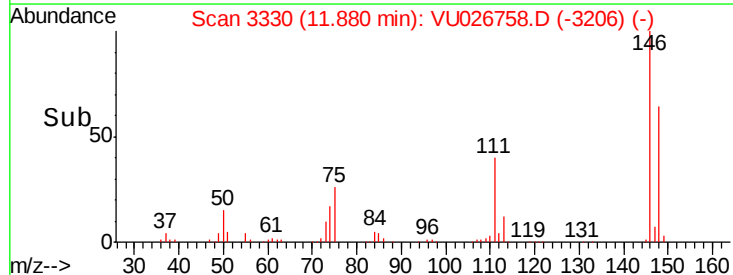
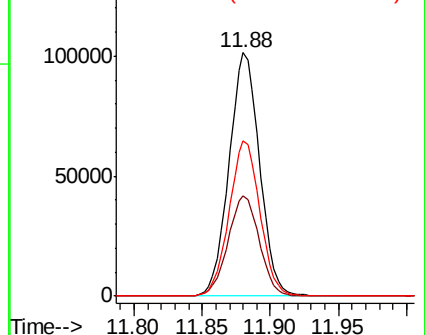
148 64.0 52.2 78.4

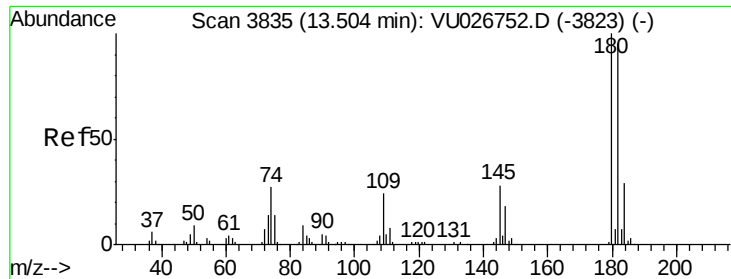


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

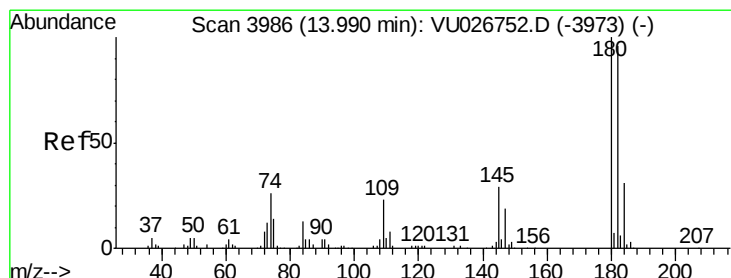
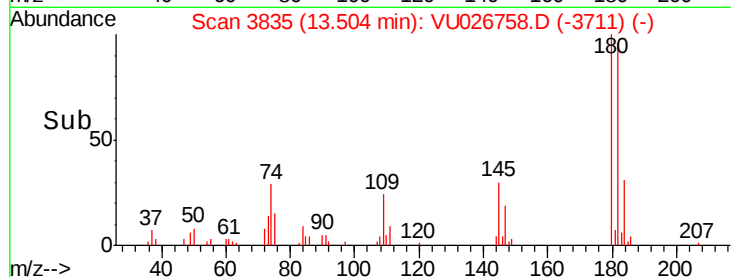
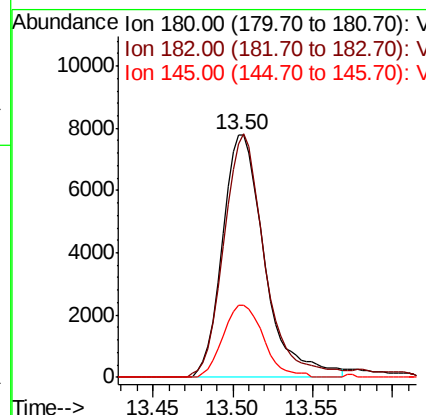
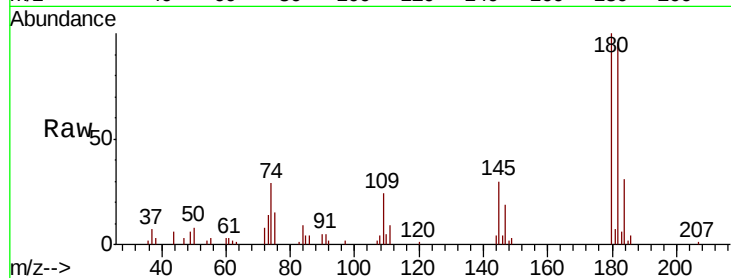




#68
 1,2,4-trichlorobenzene
 Concen: 10.430 ug/L
 RT: 13.50 min Scan# 3835
 Delta R.T. -0.00 min
 Lab File: VU026758.D
 Acq: 14 Sep 2018 12:07

Instrument :
 MSVOA_U
 ClientSampleId :
 C08N9DL

Tot Ion:180 Resp: 14118
 Ion Ratio Lower Upper
 180 100
 182 97.3 76.0 114.0
 145 28.2 23.4 35.0



#70
 1,2,3-Trichlorobenzene
 Concen: 1.794 ug/L
 RT: 13.99 min Scan# 3987
 Delta R.T. 0.01 min
 Lab File: VU026758.D
 Acq: 14 Sep 2018 12:07

Tgt Ion:180 Resp: 2630
 Ion Ratio Lower Upper
 180 100
 182 83.3 76.7 115.1
 145 24.1 23.0 34.6

