

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091818\
 Data File : VU026861.D
 Acq On : 18 Sep 2018 14:51
 Operator : MD/SY
 Sample : J4896-11 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08M4

Quant Time: Sep 19 07:13:40 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	231059	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	221023	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	90178	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	76052	44.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.98%
7) Chloroethane-d5	1.68	69	69312	47.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.76%
11) 1,1-Dichloroethene-d2	2.27	63	112298	34.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.44%
21) 2-Butanone-d5	4.18	46	131860	116.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.25%
24) Chloroform-d	4.65	84	154520	48.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.48%
26) 1,2-Dichloroethane-d4	5.31	65	102695	51.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.88%
32) Benzene-d6	5.34	84	314551	50.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.56%
36) 1,2-Dichloropropane-d6	6.33	67	104296	52.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.52%
41) Toluene-d8	7.57	98	264019	47.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.36%
43) trans-1,3-Dichloropropene-	7.85	79	42649	47.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.72%
47) 2-Hexanone-d5	8.31	63	91337	116.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.44%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	142309	51.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.28%
64) 1,2-Dichlorobenzene-d4	11.86	152	104574	55.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.48%

Target Compounds

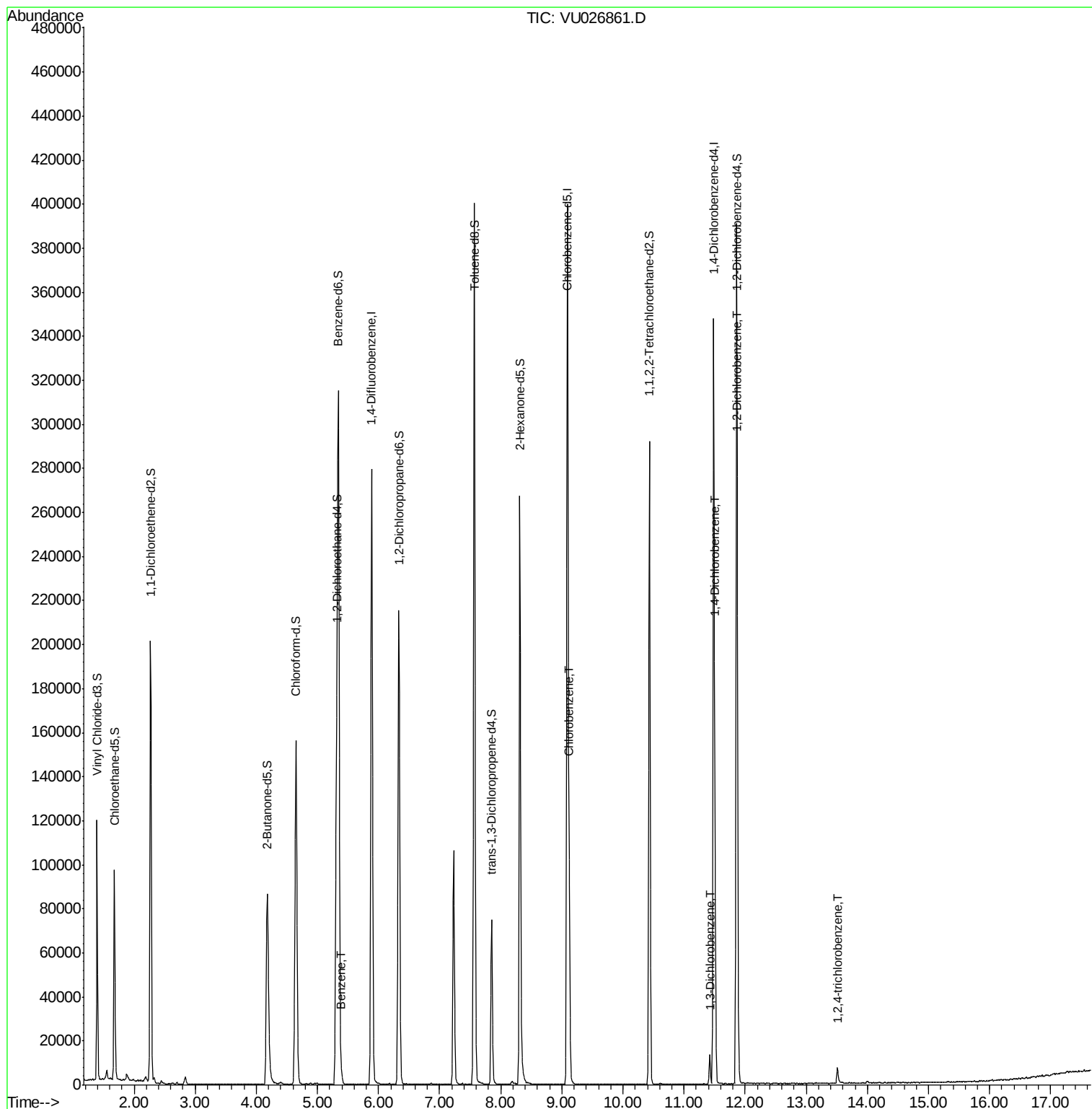
					Ovalue
33) Benzene	5.39	78	4005	0.584	ug/L 100
51) Chlorobenzene	9.12	112	50595	10.753	ug/L 99
62) 1,3-Dichlorobenzene	11.42	146	6252	2.274	ug/L 96
63) 1,4-Dichlorobenzene	11.51	146	27767	9.173	ug/L 98
65) 1,2-Dichlorobenzene	11.88	146	12684	4.167	ug/L 97
68) 1,2,4-trichlorobenzene	13.51	180	3486	1.902	ug/L 94

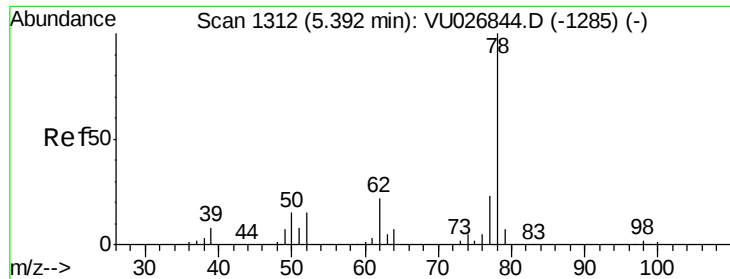
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 0.584 ug/L

RT: 5.39 min Scan# 1312

Delta R.T. 0.00 min

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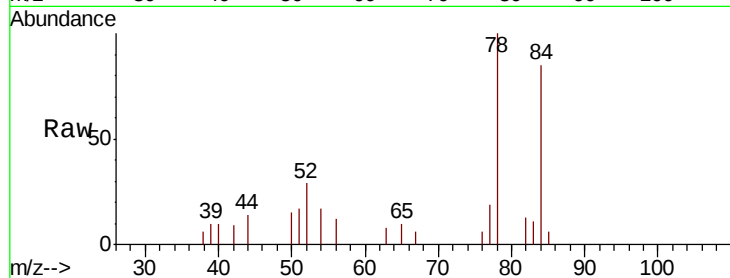
Instrument :

MSVOA_U

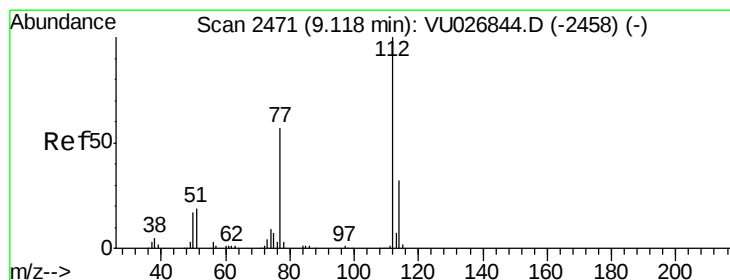
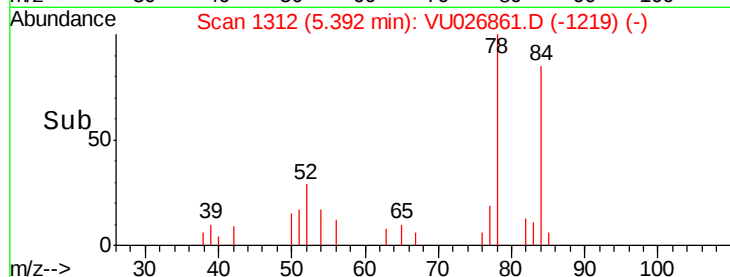
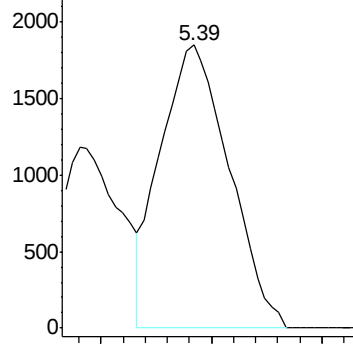
ClientSampled :

C08M4

Tgt Ion: 78 Resp: 4005



Abundance Ion 78.00 (77.70 to 78.70): VU0



#51

Chlorobenzene

Concen: 10.753 ug/L

RT: 9.12 min Scan# 2472

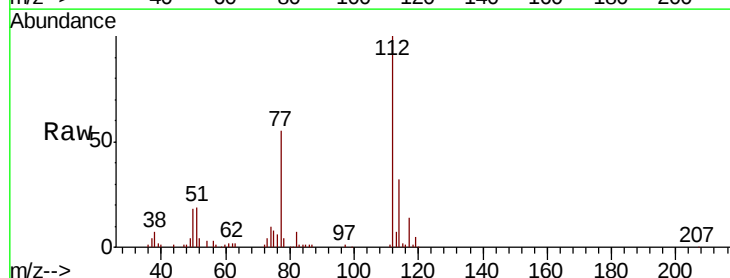
Delta R.T. 0.00 min

Lab File: VU026861.D

Acq: 18 Sep 2018 14:51

Tgt Ion: 112 Resp: 50595

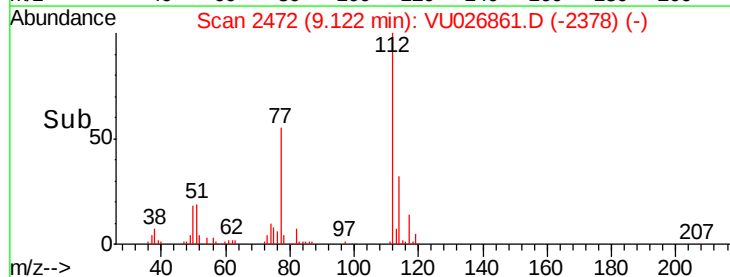
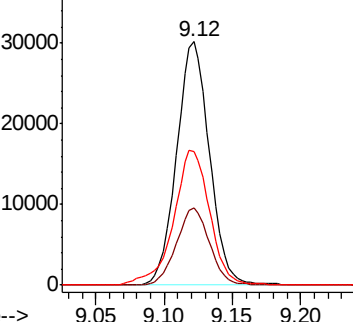
Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.3	41.5
77	55.0	45.1	67.7

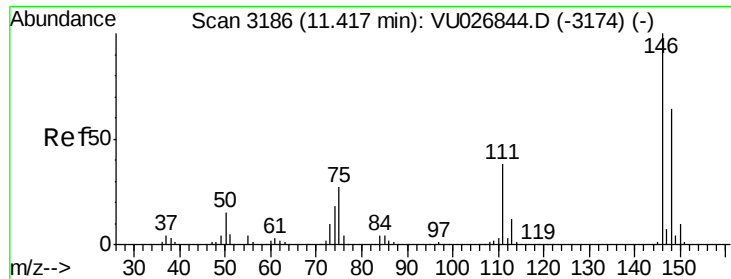


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0





#62

1,3-Dichlorobenzene

Concen: 2.274 ug/L

RT: 11.42 min Scan# 3187

Delta R.T. 0.00 min

Lab File: VU026861.D

Acq: 18 Sep 2018 14:51

Instrument :

MSVOA_U

ClientSampleId :

C08M4

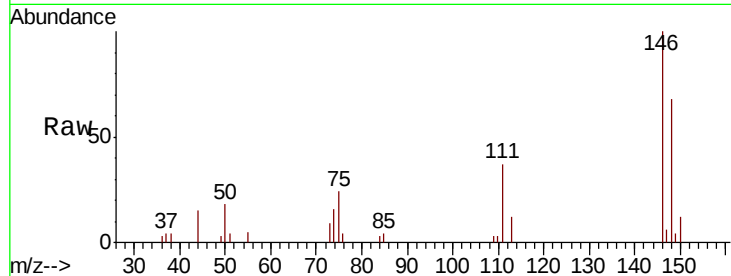
Tot Ion:146 Resp: 6252

Ion Ratio Lower Upper

146 100

111 37.3 26.7 49.7

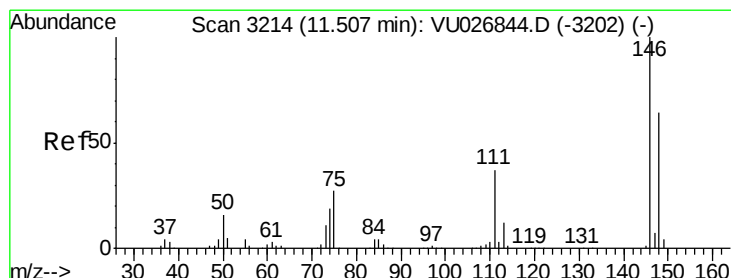
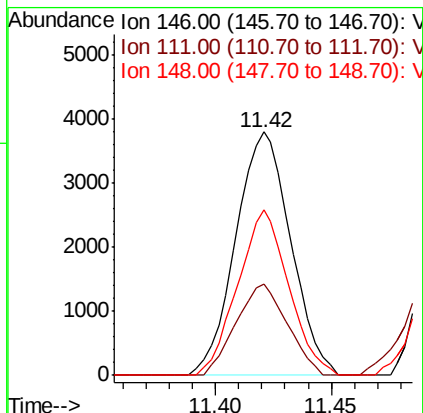
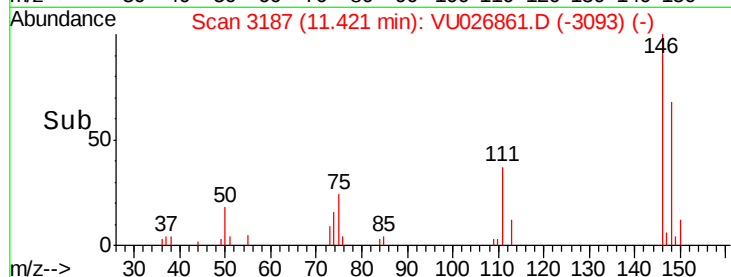
148 68.2 44.9 83.5



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: 9.173 ug/L

RT: 11.51 min Scan# 3214

Delta R.T. 0.00 min

Lab File: VU026861.D

Acq: 18 Sep 2018 14:51

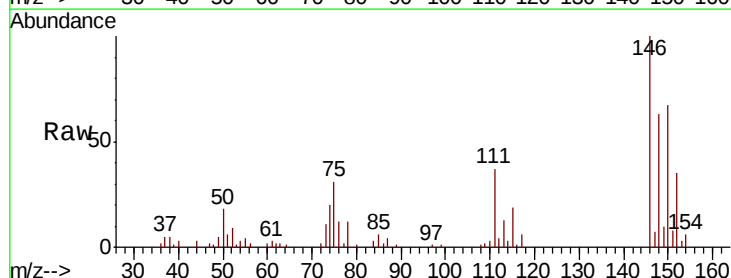
Tgt Ion:146 Resp: 27767

Ion Ratio Lower Upper

146 100

111 36.6 26.0 48.2

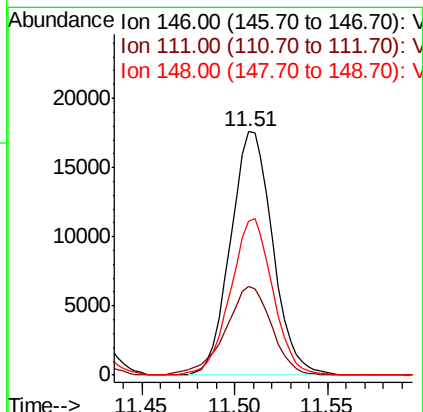
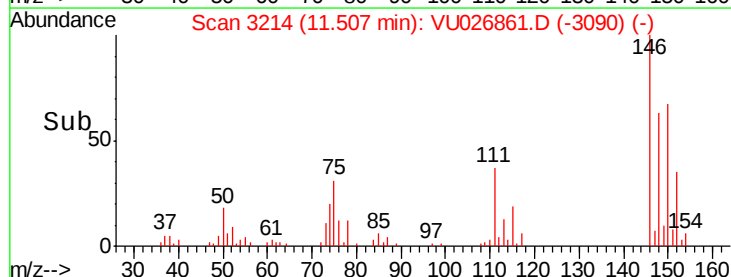
148 63.1 45.8 85.2

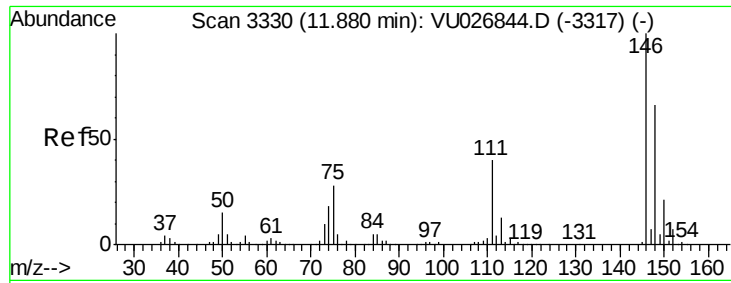


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 4.167 ug/L

RT: 11.88 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VU026861.D

Acq: 18 Sep 2018 14:51

Instrument :

MSVOA_U

ClientSampled :

C08M4

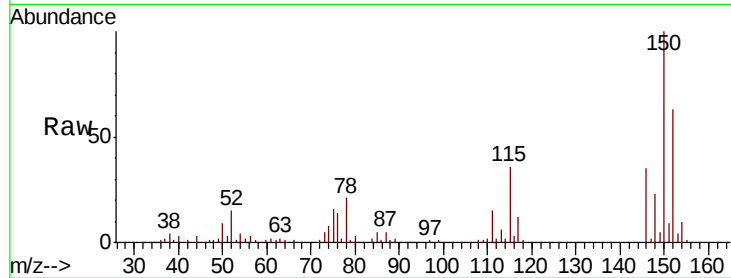
Tot Ion:146 Resp: 12684

Ion Ratio Lower Upper

146 100

111 42.0 31.4 47.0

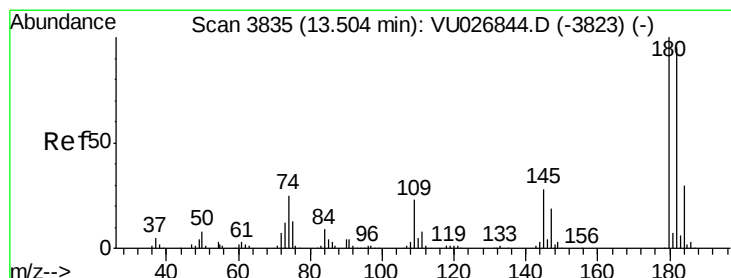
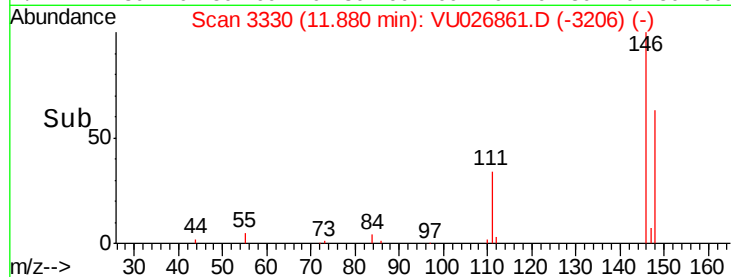
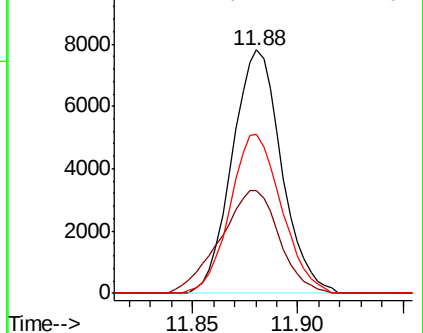
148 65.3 51.4 77.2



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: 1.902 ug/L

RT: 13.51 min Scan# 3837

Delta R.T. 0.01 min

Lab File: VU026861.D

Acq: 18 Sep 2018 14:51

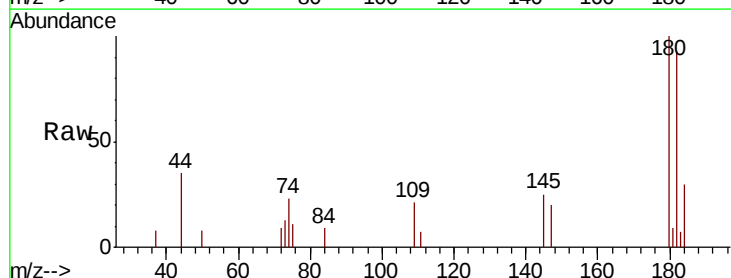
Tgt Ion:180 Resp: 3486

Ion Ratio Lower Upper

180 100

182 89.4 76.8 115.2

145 25.8 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

