

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091518\
 Data File : VU026763.D
 Acq On : 14 Sep 2018 14:03
 Operator : MD/SY
 Sample : J4893-06DL 200X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08L1DL

Quant Time: Sep 15 01:45:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 15 00:18:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	167137	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	158750	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	68642	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54183	43.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.00%
7) Chloroethane-d5	1.68	69	45833	45.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.34%
11) 1,1-Dichloroethene-d2	2.27	63	77654	34.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.68%
21) 2-Butanone-d5	4.18	46	81619	105.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.30%
24) Chloroform-d	4.65	84	92871	44.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.68%
26) 1,2-Dichloroethane-d4	5.31	65	63006	46.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.96%
32) Benzene-d6	5.34	84	191585	46.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.26%
36) 1,2-Dichloropropane-d6	6.33	67	65854	47.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.52%
41) Toluene-d8	7.57	98	168051	43.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.18%
43) trans-1,3-Dichloropropene-	7.85	79	27811	43.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.78%
47) 2-Hexanone-d5	8.31	63	53963	95.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.93%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	87185	46.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.36%
64) 1,2-Dichlorobenzene-d4	11.86	152	65838	48.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.22%

Target Compounds

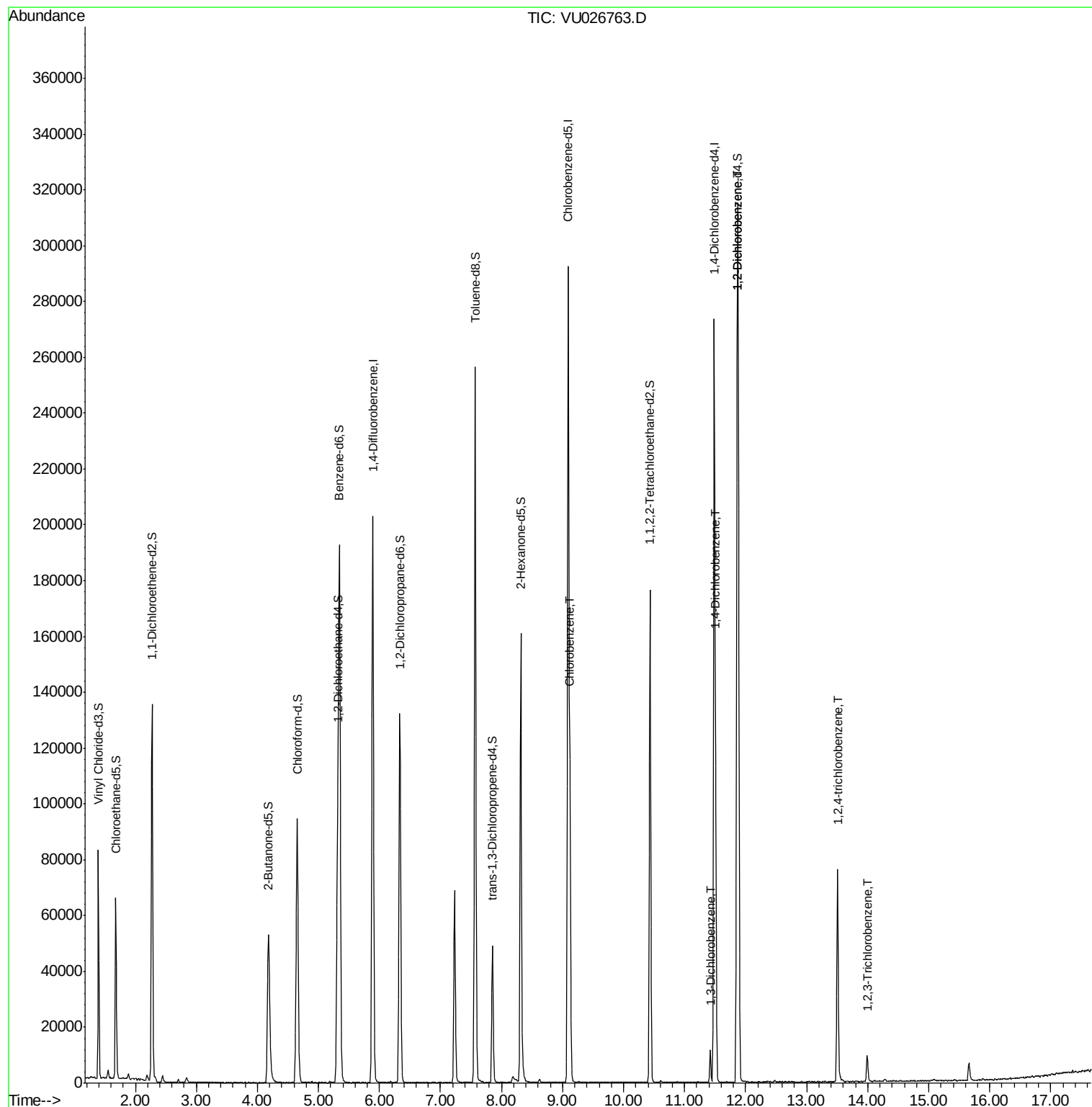
					Ovalue
51) Chlorobenzene	9.12	112	56524	18.683	ug/L 99
62) 1,3-Dichlorobenzene	11.42	146	4991	2.532	ug/L 94
63) 1,4-Dichlorobenzene	11.51	146	35147	16.833	ug/L 97
65) 1,2-Dichlorobenzene	11.88	146	93722	44.993	ug/L 99
68) 1,2,4-trichlorobenzene	13.50	180	25893	19.055	ug/L 97
70) 1,2,3-Trichlorobenzene	13.99	180	3946	2.681	ug/L 98

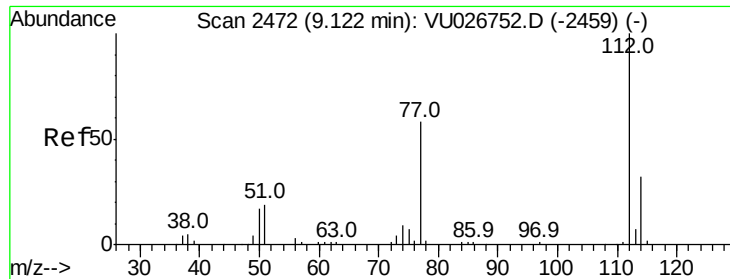
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 15 00:18:06 2018
Response via : Initial Calibration





#51

Chlorobenzene

Concen: 18.683 ug/L

RT: 9.12 min Scan# 2472

Delta R.T. -0.00 min

Lab File: VU026763.D

Acq: 14 Sep 2018 14:03

Instrument :

MSVOA_U

ClientSampleId :

C08L1DL

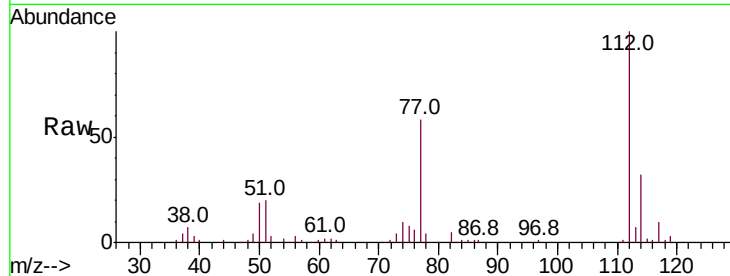
Tot Ion:112 Resp: 56524

Ion Ratio Lower Upper

112 100

114 32.0 22.9 42.5

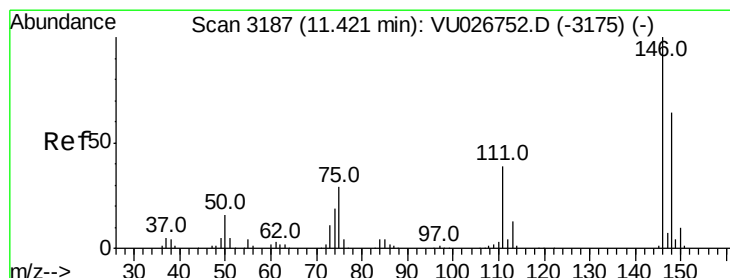
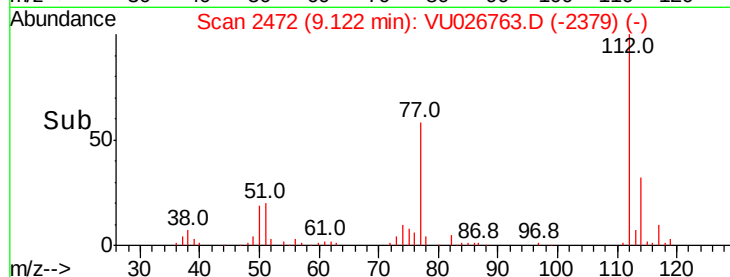
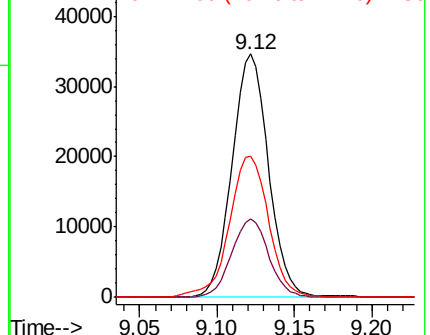
77 58.3 47.2 70.8



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: 2.532 ug/L

RT: 11.42 min Scan# 3187

Delta R.T. 0.00 min

Lab File: VU026763.D

Acq: 14 Sep 2018 14:03

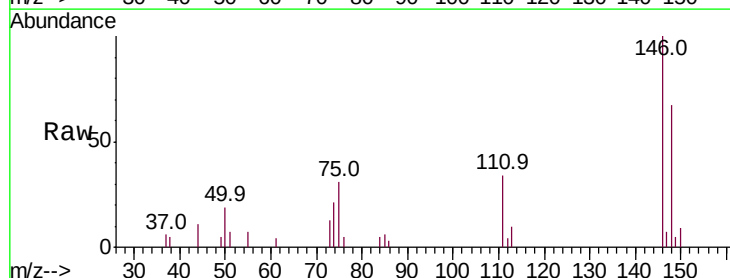
Tgt Ion:146 Resp: 4991

Ion Ratio Lower Upper

146 100

111 33.7 26.7 49.5

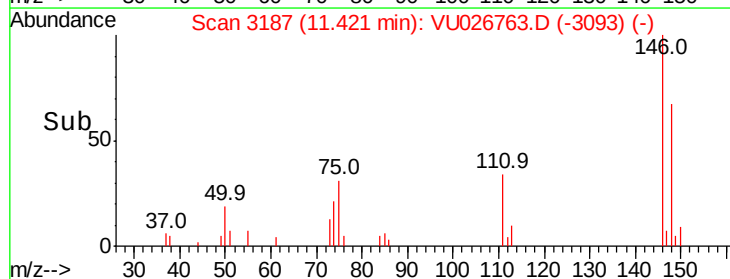
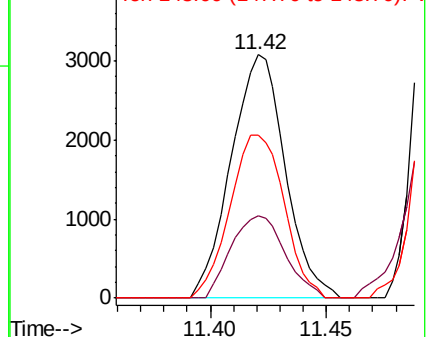
148 67.2 44.2 82.2

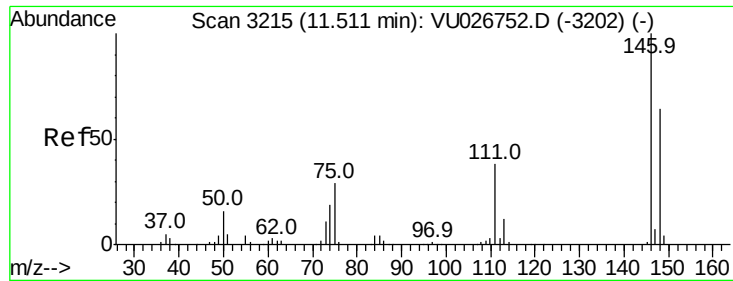


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

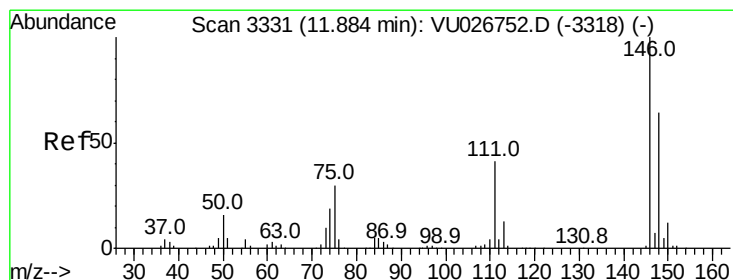
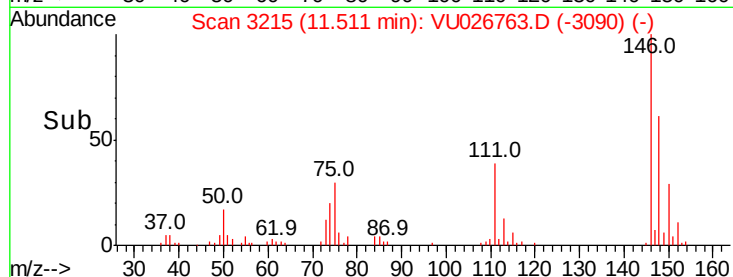
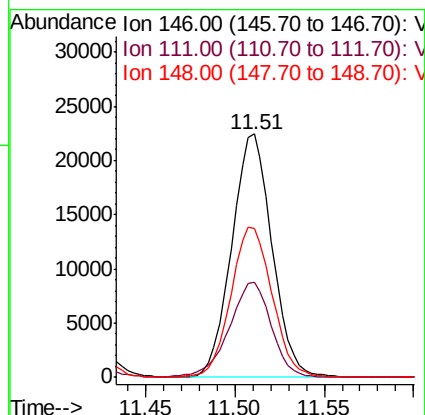
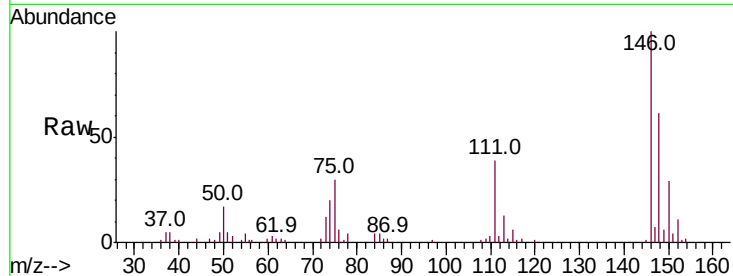




#63
 1,4-Dichlorobenzene
 Concen: 16.833 ug/L
 RT: 11.51 min Scan# 3215
 Delta R.T. 0.00 min
 Lab File: VU026763.D
 Acq: 14 Sep 2018 14:03

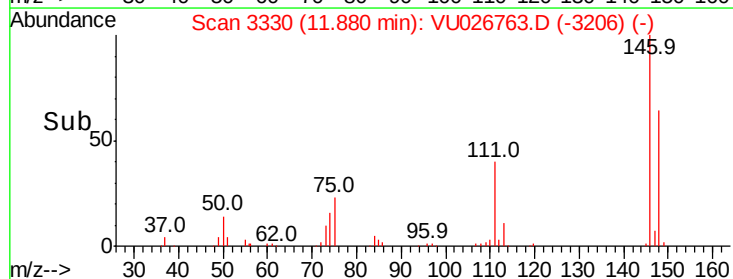
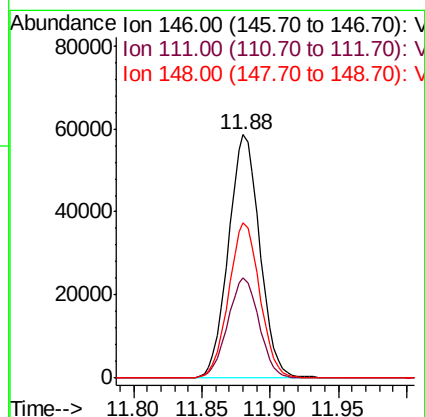
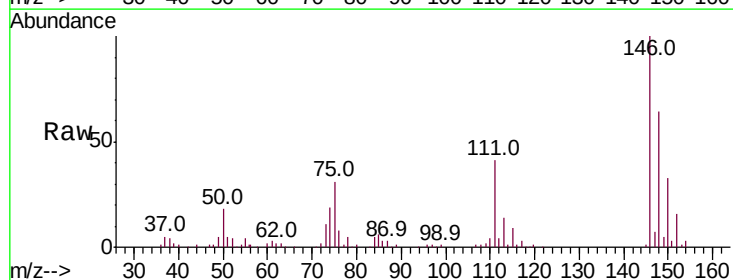
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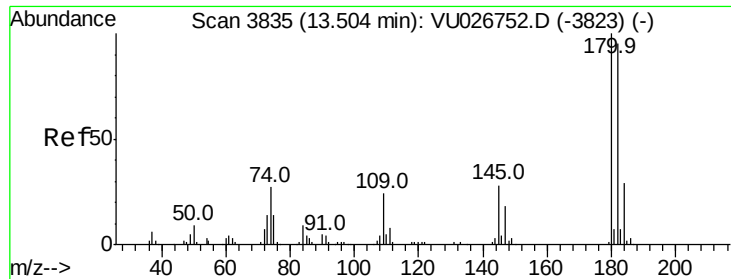
Tot Ion:146 Resp: 35147
 Ion Ratio Lower Upper
 146 100
 111 38.8 26.5 49.3
 148 61.3 45.2 84.0



#65
 1,2-Dichlorobenzene
 Concen: 44.993 ug/L
 RT: 11.88 min Scan# 3330
 Delta R.T. -0.00 min
 Lab File: VU026763.D
 Acq: 14 Sep 2018 14:03

Tgt Ion:146 Resp: 93722
 Ion Ratio Lower Upper
 146 100
 111 41.0 32.8 49.2
 148 63.7 52.2 78.4

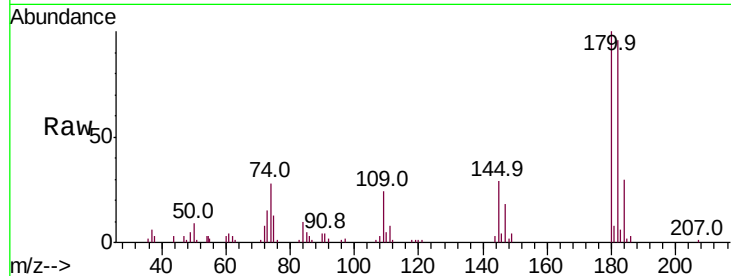




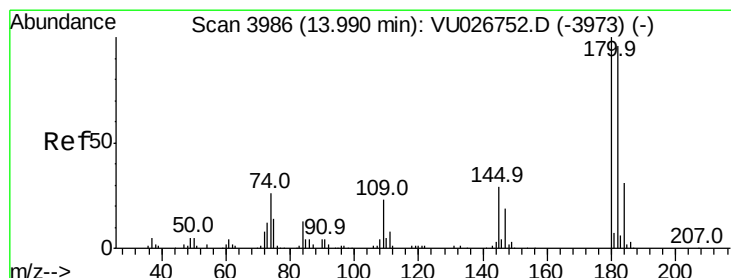
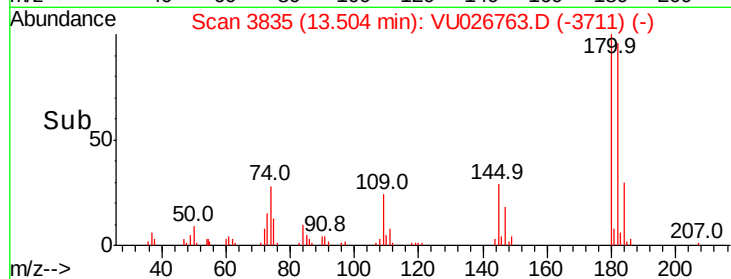
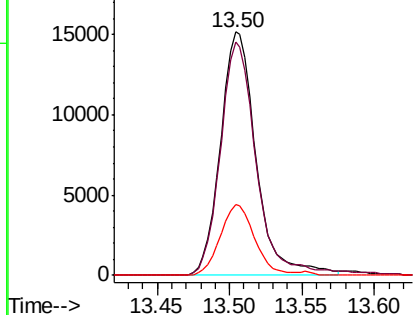
#68
 1,2,4-trichlorobenzene
 Concen: 19.055 ug/L
 RT: 13.50 min Scan# 3835
 Delta R.T. -0.00 min
 Lab File: VU026763.D
 Acq: 14 Sep 2018 14:03

Instrument :
 MSVOA_U
 ClientSampleId :
 C08L1DL

Tot Ion:180 Resp: 25893
 Ion Ratio Lower Upper
 180 100
 182 92.5 76.0 114.0
 145 27.8 23.4 35.0

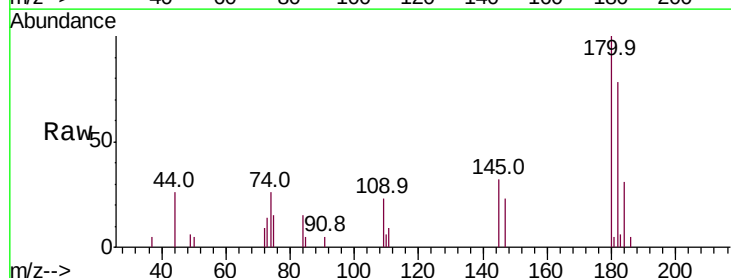


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V



#70
 1,2,3-Trichlorobenzene
 Concen: 2.681 ug/L
 RT: 13.99 min Scan# 3986
 Delta R.T. 0.00 min
 Lab File: VU026763.D
 Acq: 14 Sep 2018 14:03

Tgt Ion:180 Resp: 3946
 Ion Ratio Lower Upper
 180 100
 182 93.5 76.7 115.1
 145 28.6 23.0 34.6



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

