

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091518\
 Data File : VU026754.D
 Acq On : 14 Sep 2018 10:32
 Operator : MD/SY
 Sample : J4893-02DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08K1DL

Quant Time: Sep 21 05:30:48 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	192170	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	179848	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	79900	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	58126	40.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.18%
7) Chloroethane-d5	1.68	69	47466	41.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.26%
11) 1,1-Dichloroethene-d2	2.27	63	83173	32.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.90%
21) 2-Butanone-d5	4.18	46	81919	91.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.92%
24) Chloroform-d	4.65	84	99623	41.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.68%
26) 1,2-Dichloroethane-d4	5.31	65	67608	43.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.76%
32) Benzene-d6	5.34	84	201520	43.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.58%
36) 1,2-Dichloropropane-d6	6.33	67	69693	44.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.24%
41) Toluene-d8	7.57	98	180789	41.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.78%
43) trans-1,3-Dichloropropene-	7.85	79	29817	41.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.12%
47) 2-Hexanone-d5	8.31	63	56423	88.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.53%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	90535	42.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	70653	44.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.72%

Target Compounds

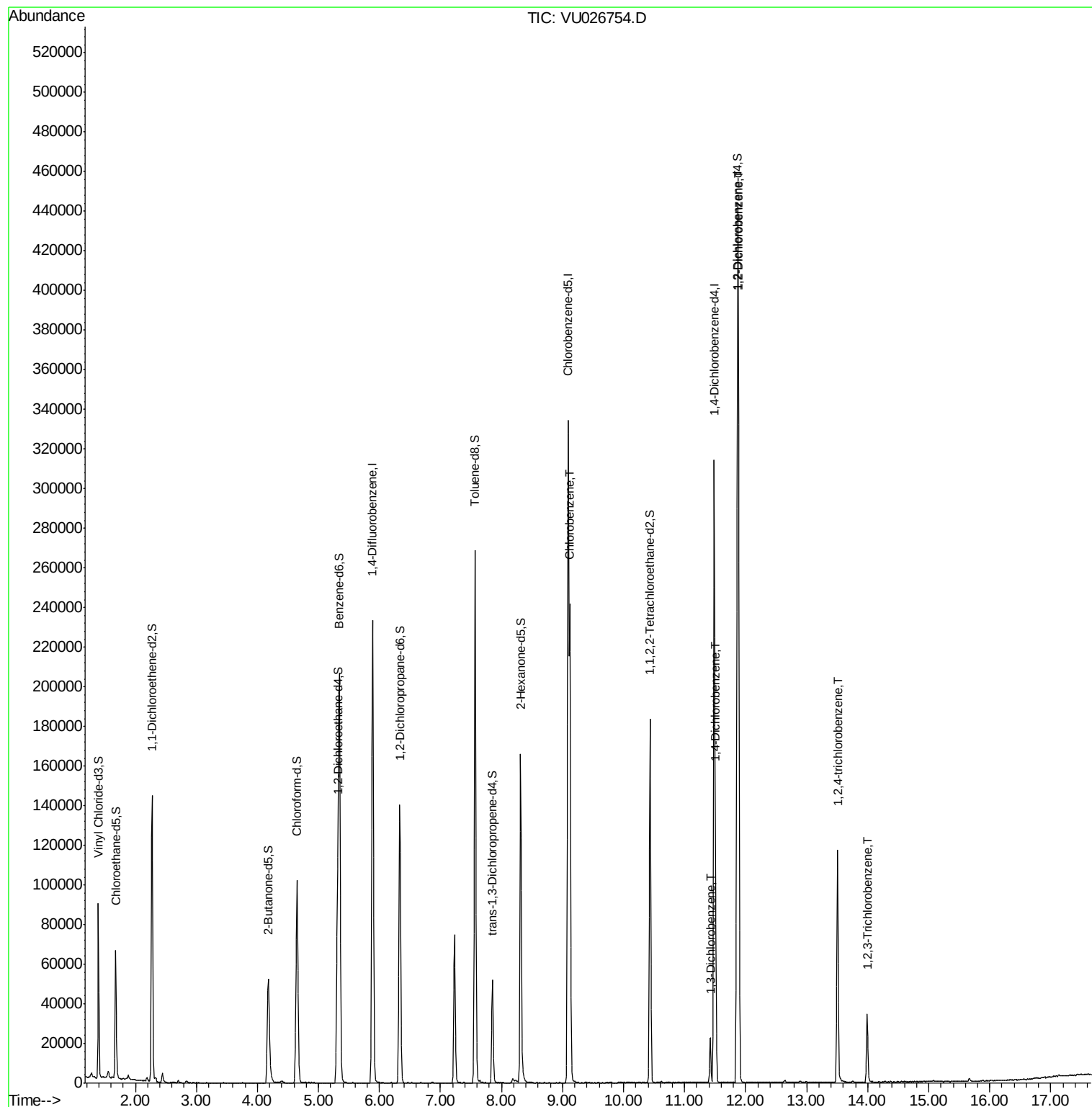
					Ovalue
51) Chlorobenzene	9.12	112	121346	35.403	ug/L 99
62) 1,3-Dichlorobenzene	11.42	146	9440	4.115	ug/L 95
63) 1,4-Dichlorobenzene	11.51	146	25565	10.519	ug/L 97
65) 1,2-Dichlorobenzene	11.88	146	154757	63.826	ug/L 98
68) 1,2,4-trichlorobenzene	13.50	180	38986	24.648	ug/L 98
70) 1,2,3-Trichlorobenzene	13.99	180	11900	6.946	ug/L 98

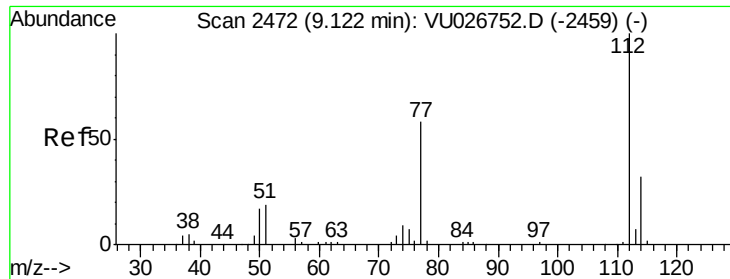
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Sep 21 05:15:18 2018
Response via : Initial Calibration





#51

Chlorobenzene

Concen: 35.403 ug/L

RT: 9.12 min Scan# 2472

Delta R.T. -0.00 min

Lab File: VU026754.D

Acq: 14 Sep 2018 10:32

Instrument :

MSVOA_U

ClientSampleId :

C08K1DL

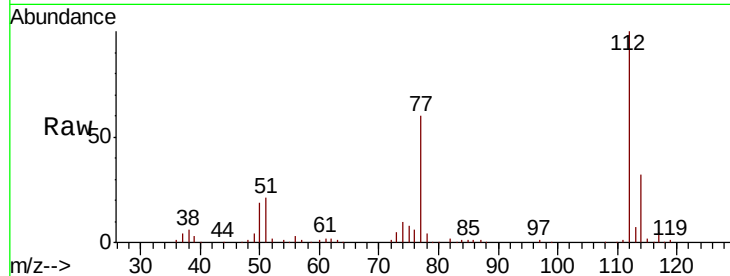
Tot Ion:112 Resp: 121346

Ion Ratio Lower Upper

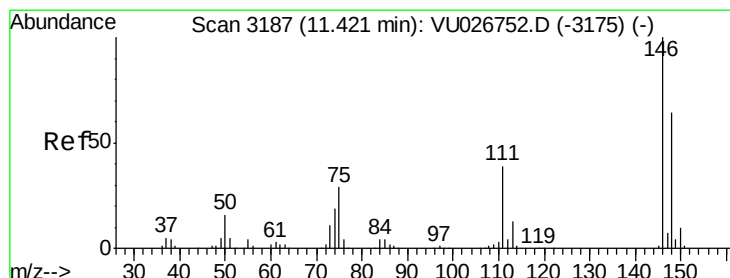
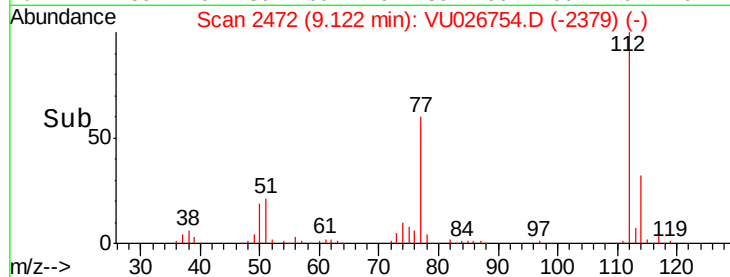
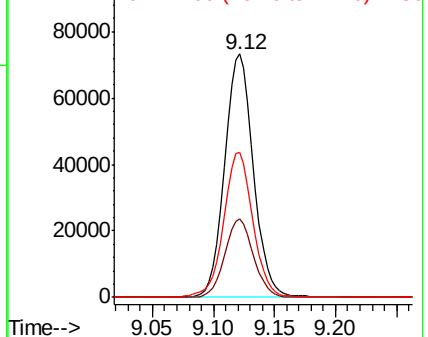
112 100

114 32.1 22.9 42.5

77 59.6 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): V



#62

1,3-Dichlorobenzene

Concen: 4.115 ug/L

RT: 11.42 min Scan# 3186

Delta R.T. -0.00 min

Lab File: VU026754.D

Acq: 14 Sep 2018 10:32

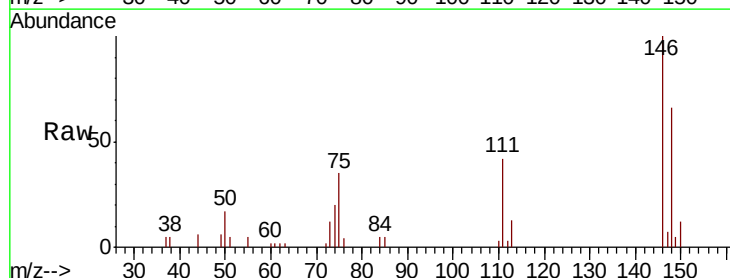
Tgt Ion:146 Resp: 9440

Ion Ratio Lower Upper

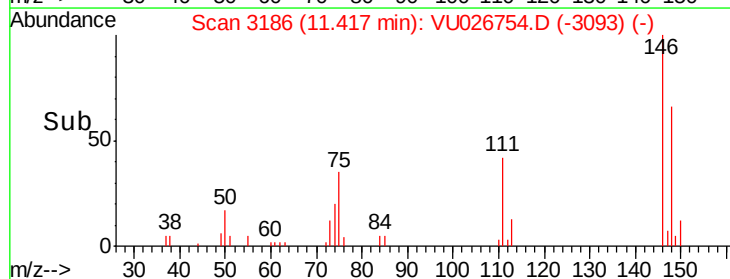
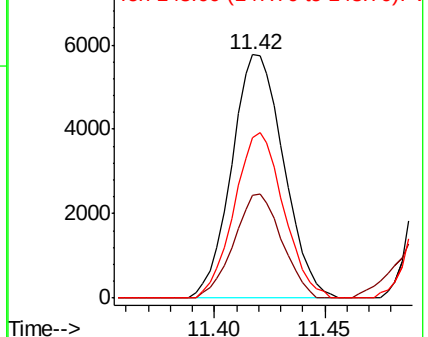
146 100

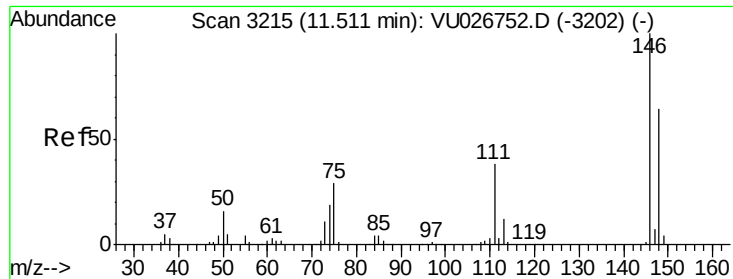
111 42.4 26.7 49.5

148 65.8 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

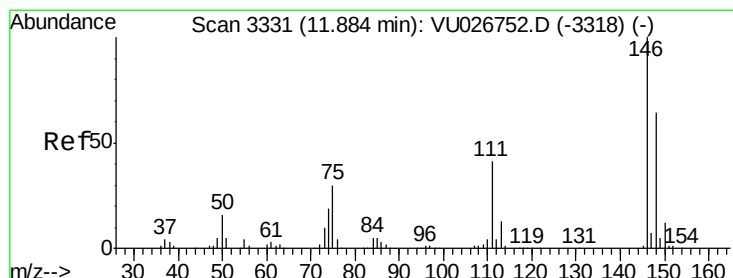
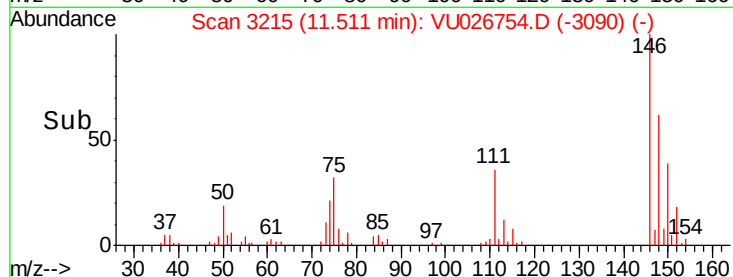
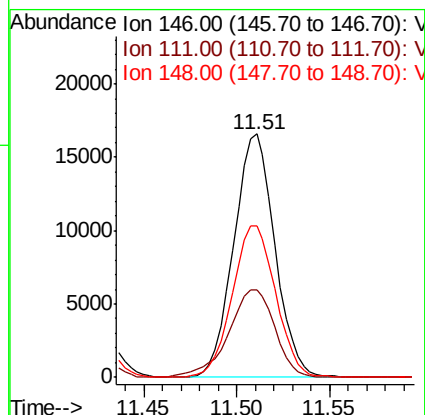
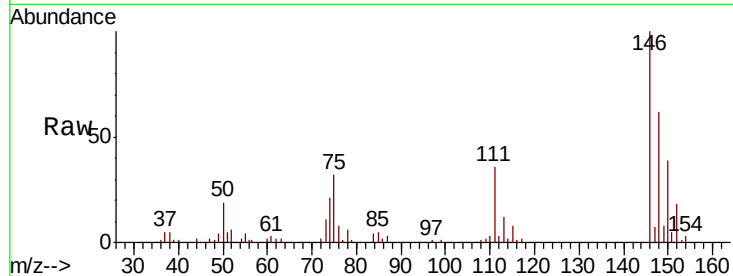




#63
 1,4-Dichlorobenzene
 Concen: 10.519 ug/L
 RT: 11.51 min Scan# 3215
 Delta R.T. 0.00 min
 Lab File: VU026754.D
 Acq: 14 Sep 2018 10:32

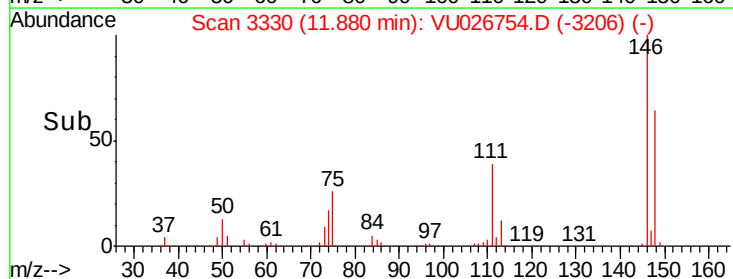
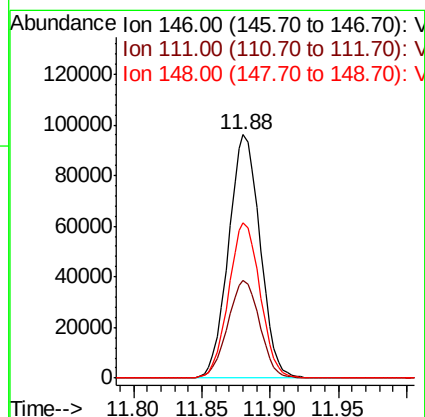
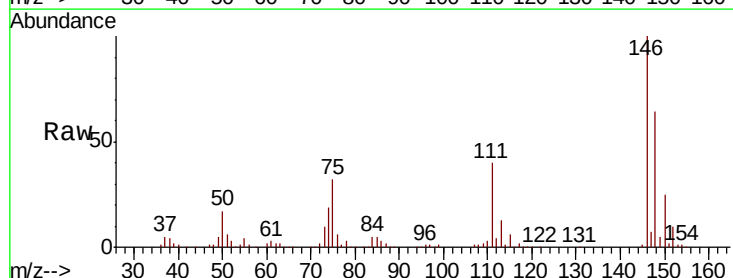
Instrument :
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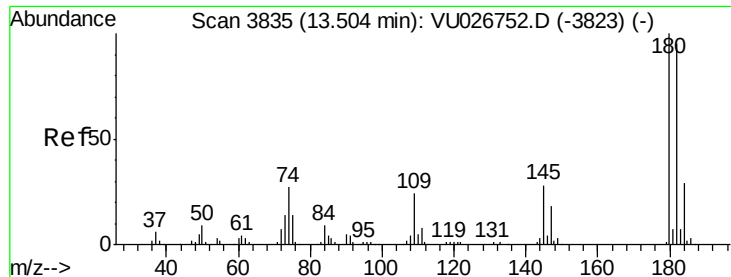
Tot Ion:146 Resp: 25565
 Ion Ratio Lower Upper
 146 100
 111 36.1 26.5 49.3
 148 62.3 45.2 84.0



#65
 1,2-Dichlorobenzene
 Concen: 63.826 ug/L
 RT: 11.88 min Scan# 3330
 Delta R.T. -0.00 min
 Lab File: VU026754.D
 Acq: 14 Sep 2018 10:32

Tgt Ion:146 Resp: 154757
 Ion Ratio Lower Upper
 146 100
 111 39.9 32.8 49.2
 148 63.9 52.2 78.4

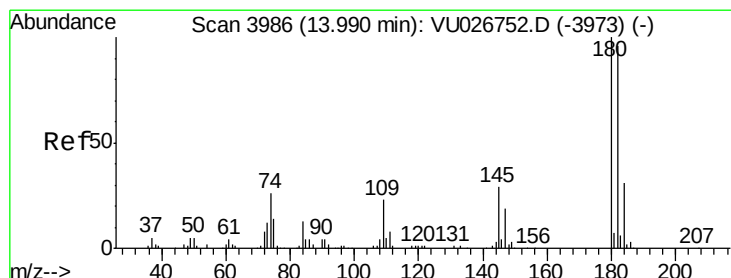
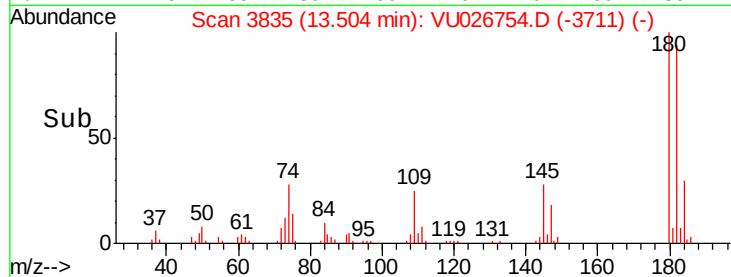
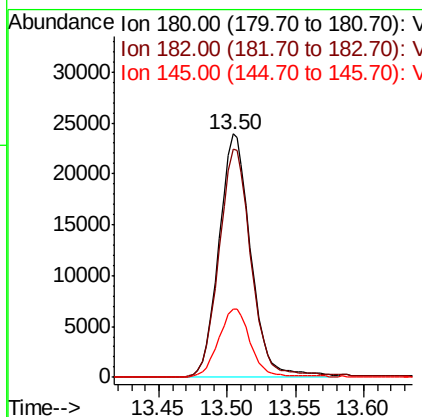
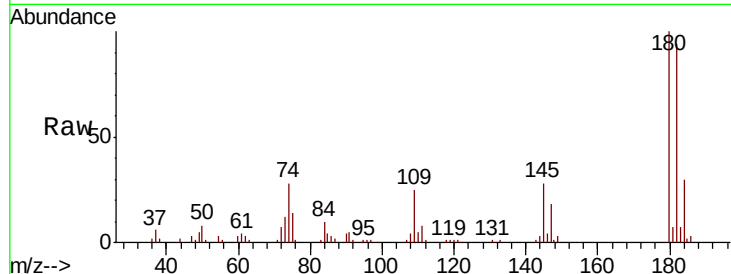




#68
 1,2,4-trichlorobenzene
 Concen: 24.648 ug/L
 RT: 13.50 min Scan# 3835
 Delta R.T. -0.00 min
 Lab File: VU026754.D
 Acq: 14 Sep 2018 10:32

Instrument :
 MSVOA_U
 ClientSampleId :
 C08K1DL

Tot Ion:180 Resp: 38986
 Ion Ratio Lower Upper
 180 100
 182 93.1 76.0 114.0
 145 27.7 23.4 35.0



#70
 1,2,3-Trichlorobenzene
 Concen: 6.946 ug/L
 RT: 13.99 min Scan# 3986
 Delta R.T. 0.00 min
 Lab File: VU026754.D
 Acq: 14 Sep 2018 10:32

Tgt Ion:180 Resp: 11900
 Ion Ratio Lower Upper
 180 100
 182 97.4 76.7 115.1
 145 31.6 23.0 34.6

