

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030520\
 Data File : VU037092.D
 Acq On : 05 Mar 2020 18:49
 Operator : JC/MD
 Sample : L1780-09DL 500X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DG5DL

Quant Time: Mar 06 01:33:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 05 22:35:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	249575	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	237612	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	85886	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	74583	35.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.18%
7) Chloroethane-d5	1.93	69	77866	44.90	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.59	63	104919	29.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.78%#
21) 2-Butanone-d5	4.67	46	147892	105.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.20%
24) Chloroform-d	5.11	84	149890	46.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.66%
26) 1,2-Dichloroethane-d4	5.74	65	107105	49.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.90%
32) Benzene-d6	5.76	84	322175	46.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.78%
36) 1,2-Dichloropropane-d6	6.72	67	109195	49.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.10%
41) Toluene-d8	7.92	98	285828	44.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.68%
43) trans-1,3-Dichloropropene-	8.20	79	43692	42.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.46%
47) 2-Hexanone-d5	8.66	63	97939	89.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.98%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	154693	49.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.58%
64) 1,2-Dichlorobenzene-d4	12.21	152	86663	51.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.24%

Target Compounds

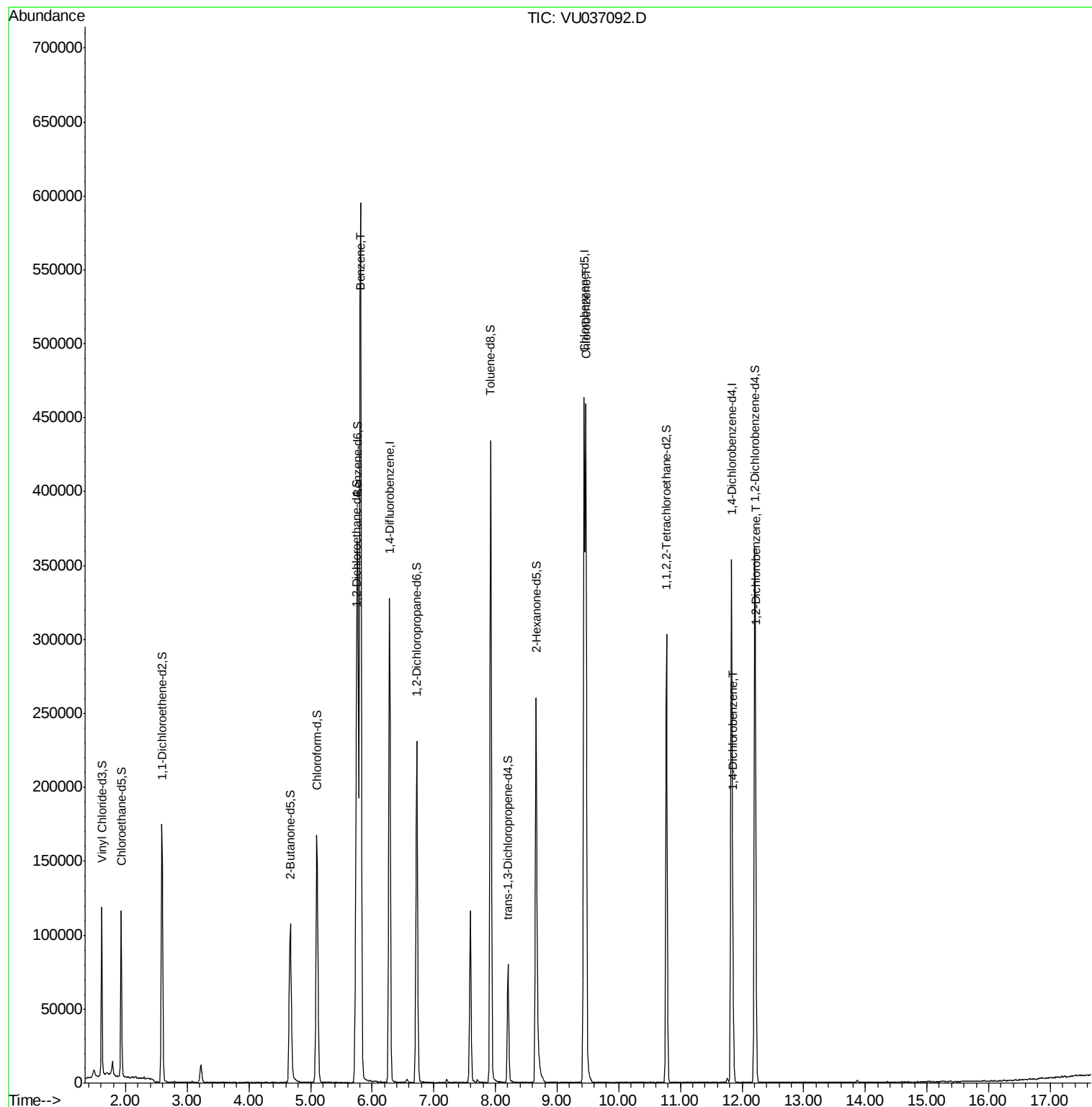
					Ovalue
33) Benzene	5.81	78	544969	72.599	ug/L 100
51) Chlorobenzene	9.47	112	222348	46.923	ug/L 100
63) 1,4-Dichlorobenzene	11.85	146	22728	8.257	ug/L 97
65) 1,2-Dichlorobenzene	12.23	146	13744	4.941	ug/L 94

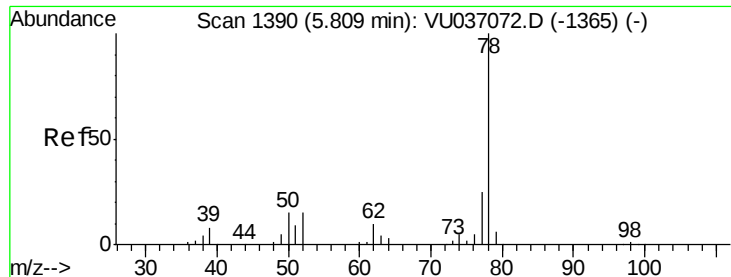
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU030520\
Data File : VU037092.D
Acq On : 05 Mar 2020 18:49
Operator : JC/MD
Sample : L1780-09DL 500X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0DG5DL

Quant Time: Mar 06 01:33:41 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 22:35:59 2020
Response via : Initial Calibration





#33

Benzene

Concen: 72.599 ug/L

RT: 5.81 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VU037092.D

Acq: 05 Mar 2020 18:49

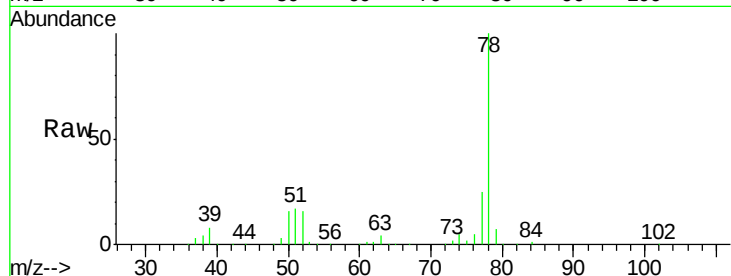
Instrument :

MSVOA_U

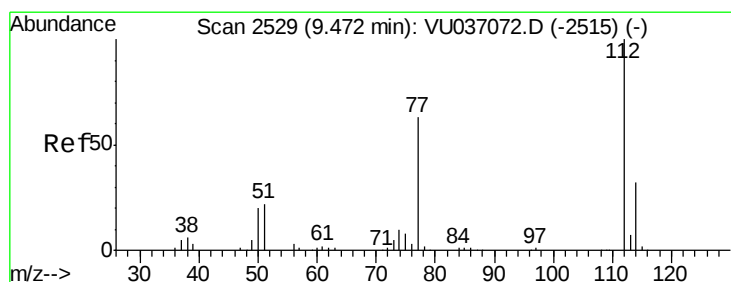
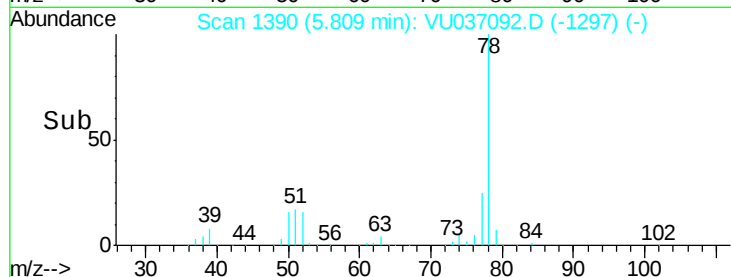
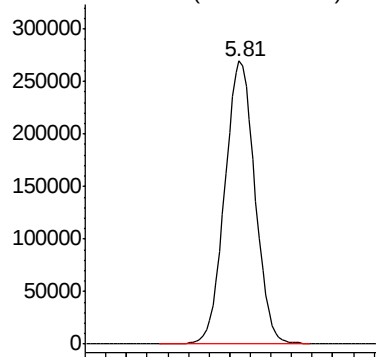
ClientSampleId :

C0DG5DL

Tgt Ion: 78 Resp: 544969



Abundance Ion 78.00 (77.70 to 78.70): VU0



#51

Chlorobenzene

Concen: 46.923 ug/L

RT: 9.47 min Scan# 2528

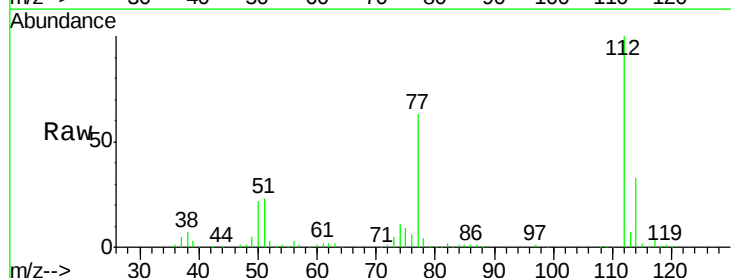
Delta R.T. -0.00 min

Lab File: VU037092.D

Acq: 05 Mar 2020 18:49

Tgt Ion: 112 Resp: 222348

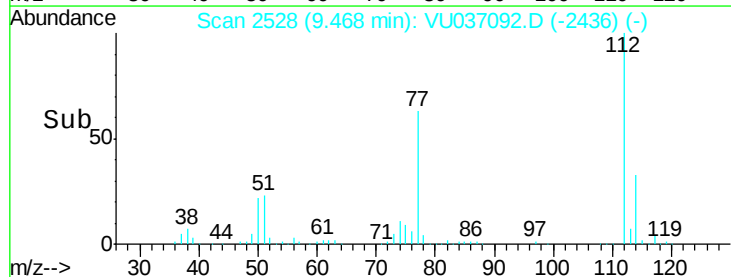
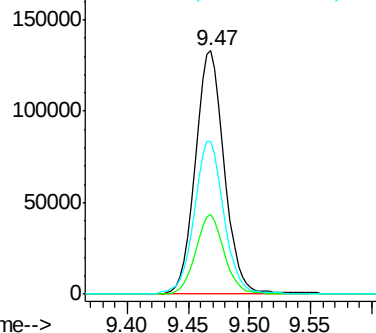
Ion	Ratio	Lower	Upper
112	100		
114	32.6	22.3	41.5
77	62.6	50.1	75.1

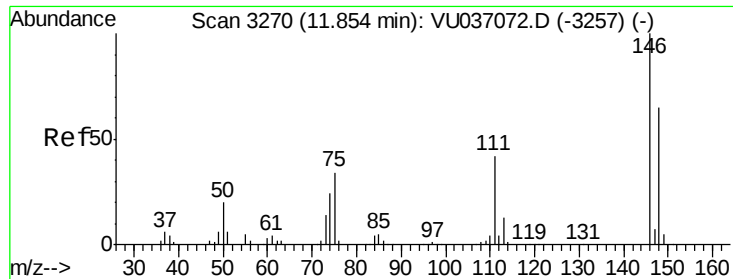


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0

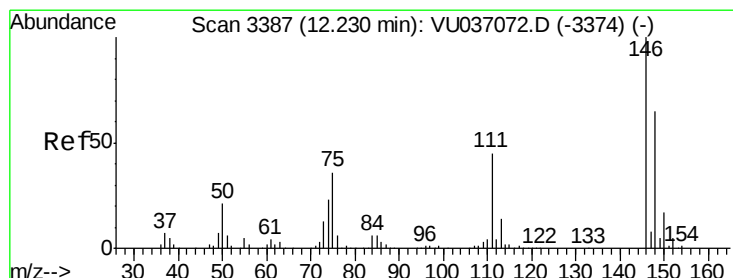
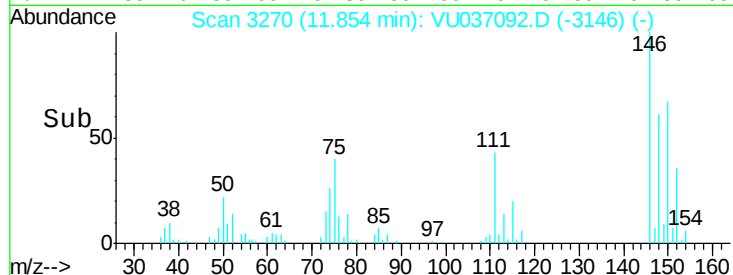
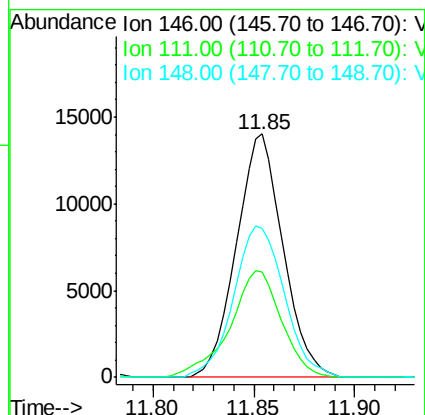
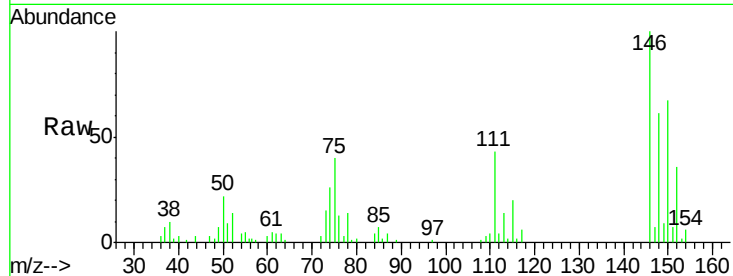




#63
 1,4-Dichlorobenzene
 Concen: 8.257 ug/L
 RT: 11.85 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU037092.D
 Acq: 05 Mar 2020 18:49

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DG5DL

Tot Ion:146 Resp: 22728
 Ion Ratio Lower Upper
 146 100
 111 43.3 29.8 55.4
 148 61.1 45.1 83.9



#65
 1,2-Dichlorobenzene
 Concen: 4.941 ug/L
 RT: 12.23 min Scan# 3386
 Delta R.T. -0.00 min
 Lab File: VU037092.D
 Acq: 05 Mar 2020 18:49

Tgt Ion:146 Resp: 13744
 Ion Ratio Lower Upper
 146 100
 111 48.2 35.4 53.0
 148 67.4 50.5 75.7

