

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032720\
 Data File : VU037396.D
 Acq On : 28 Mar 2020 01:56
 Operator : JC/MD
 Sample : L1975-22 50X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 28 06:13:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032720WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 28 01:55:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	251631	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	235497	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	121511	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	79808	49.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.88%
7) Chloroethane-d5	1.93	69	64074	48.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.16%
11) 1,1-Dichloroethene-d2	2.59	63	124649	35.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.06%
21) 2-Butanone-d5	4.67	46	142883	98.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.49%
24) Chloroform-d	5.10	84	162423	48.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.14%
26) 1,2-Dichloroethane-d4	5.74	65	111704	51.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.56%
32) Benzene-d6	5.76	84	330976	51.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.22%
36) 1,2-Dichloropropane-d6	6.72	67	108577	51.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.60%
41) Toluene-d8	7.92	98	316225	51.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.78%
43) trans-1,3-Dichloropropene-	8.20	79	60032	49.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.30%
47) 2-Hexanone-d5	8.65	63	113118	93.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.98%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	157011	50.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.08%
64) 1,2-Dichlorobenzene-d4	12.21	152	127171	51.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.22%

Target Compounds

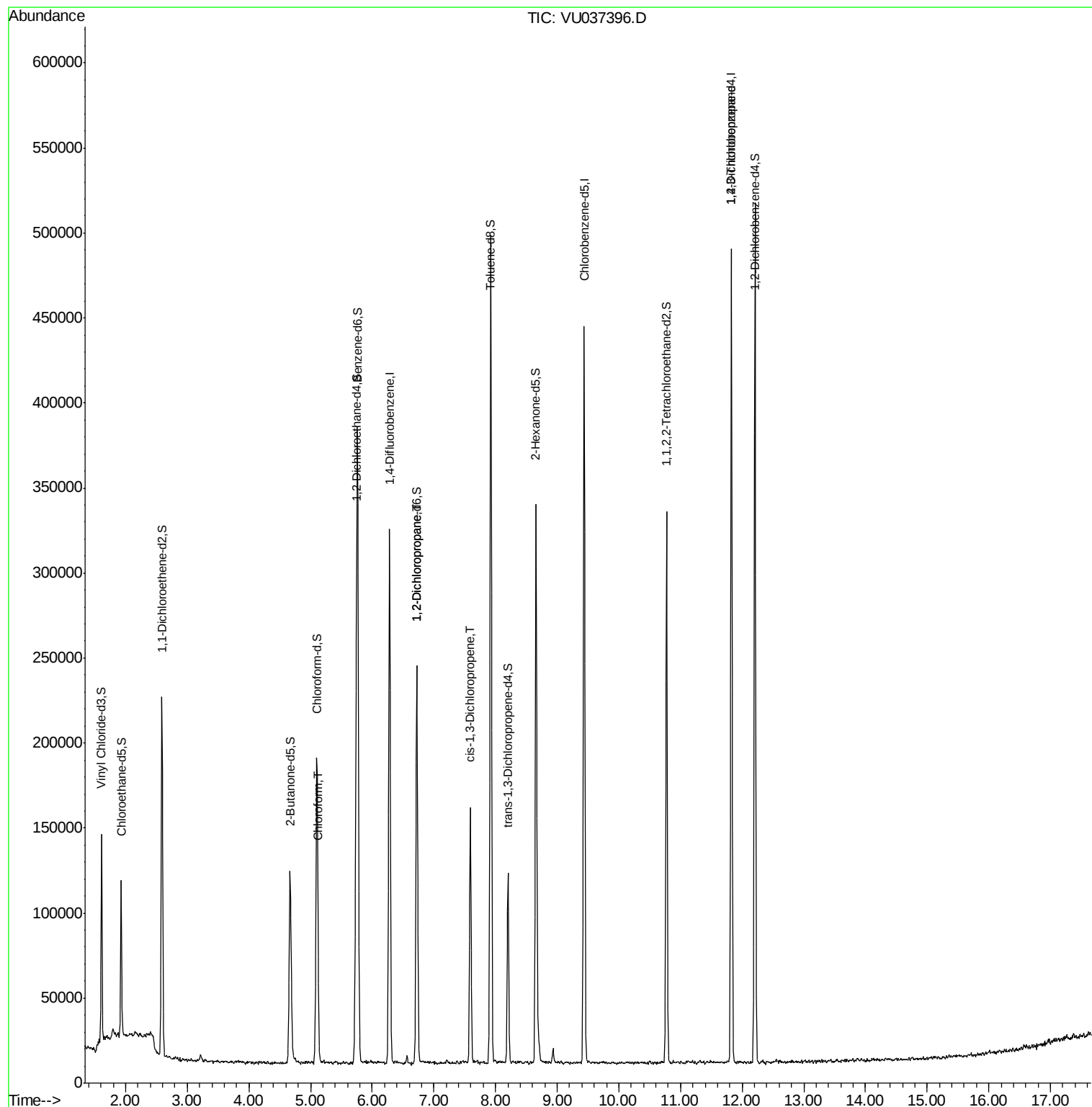
					Ovalue
25) Chloroform	5.13	83	4945	1.281 ug/L #	69
37) 1,2-Dichloropropane	6.72	63	12128	5.498 ug/L #	89
39) cis-1,3-Dichloropropene	7.59	75	3933	1.059 ug/L #	67
59) 1,2,3-Trichloropropane	11.83	75	14690	4.842 ug/L #	87

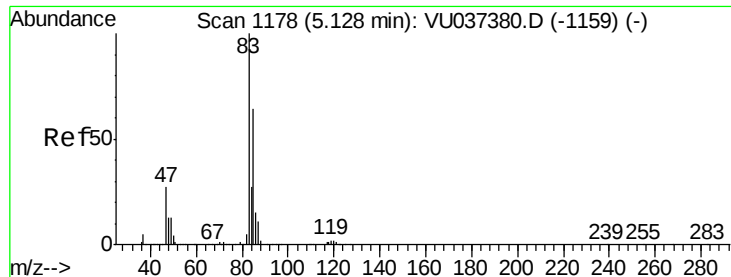
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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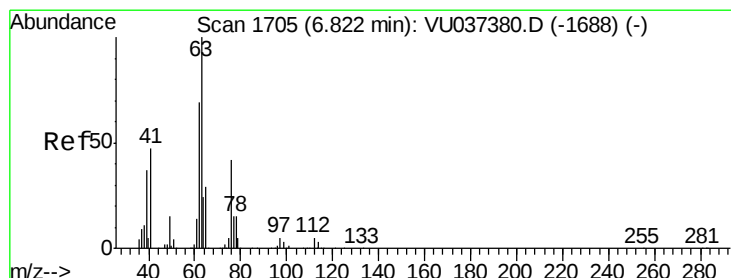
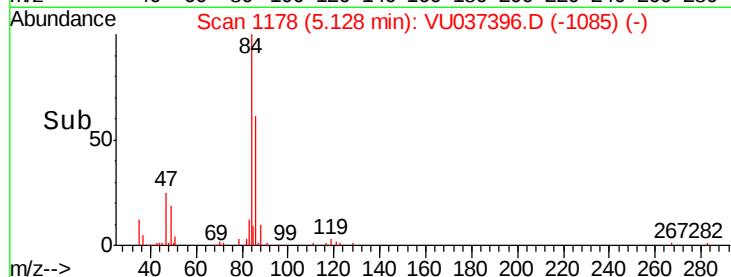
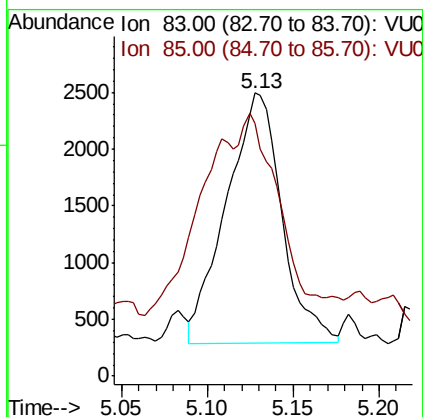
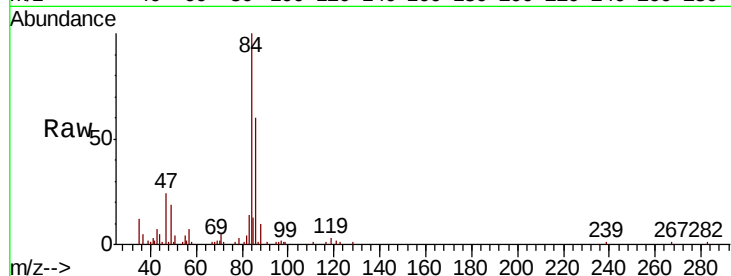




#25
Chloroform
Concen: 1.281 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU037396.D
Acq: 28 Mar 2020 01:56

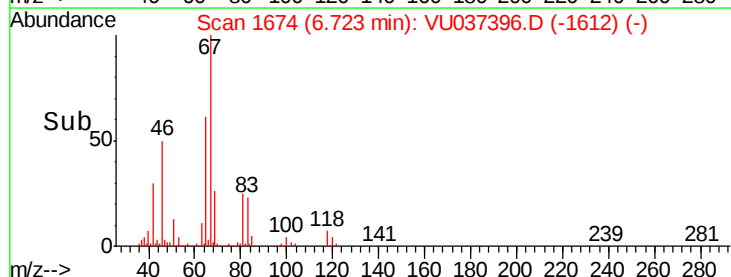
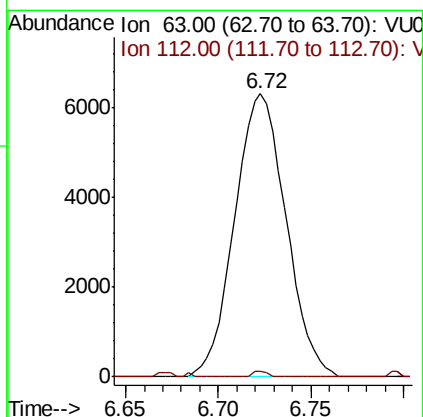
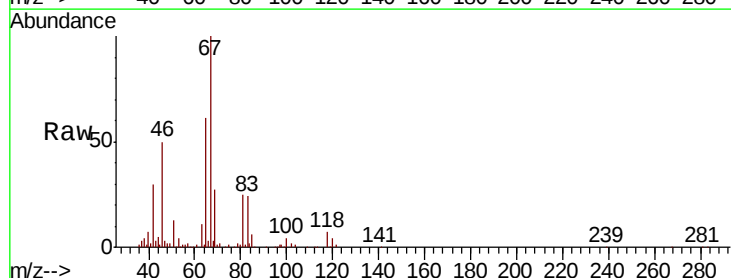
Instrument :
MSVOA_U
ClientSampled :

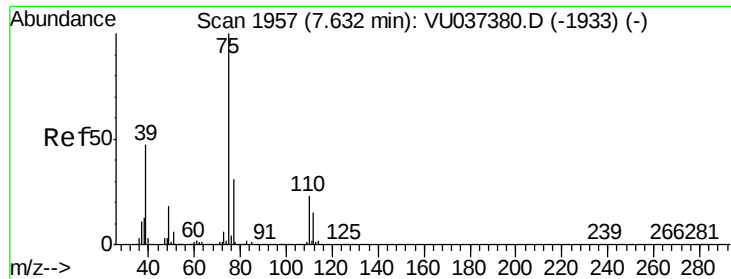
Tot Ion: 83 Resp: 4945
Ion Ratio Lower Upper
83 100
85 89.1 45.1 83.7#



#37
1,2-Dichloropropane
Concen: 5.498 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037396.D
Acq: 28 Mar 2020 01:56

Tgt Ion: 63 Resp: 12128
Ion Ratio Lower Upper
63 100
112 0.5 3.4 5.0#





#39

cis-1,3-Dichloropropene

Concen: 1.059 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU037396.D

Acq: 28 Mar 2020 01:56

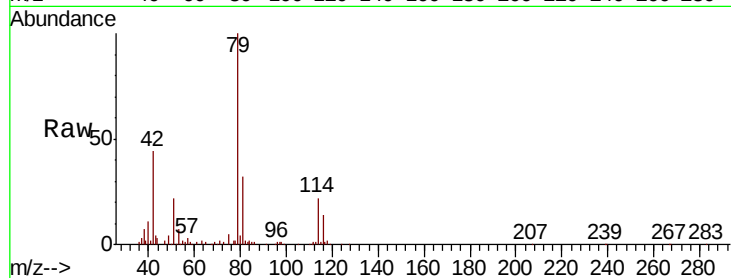
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 75 Resp: 3933

Ion Ratio Lower Upper

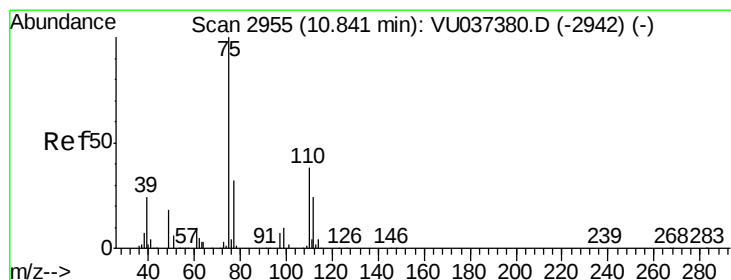
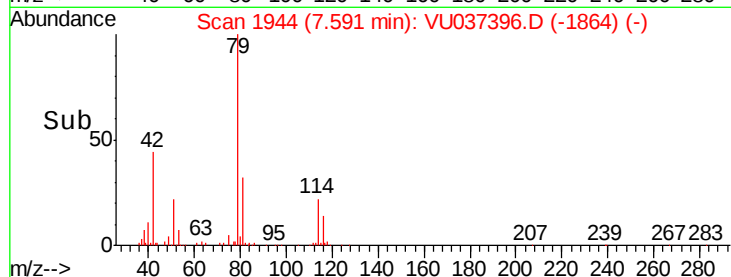
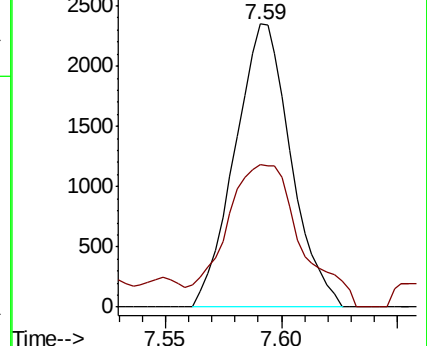
75 100

77 50.4 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#59

1,2,3-Trichloropropane

Concen: 4.842 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037396.D

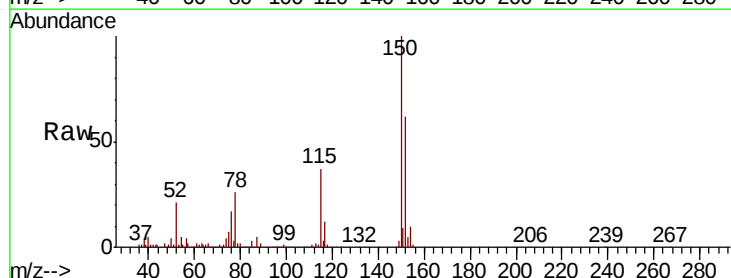
Acq: 28 Mar 2020 01:56

Tgt Ion: 75 Resp: 14690

Ion Ratio Lower Upper

75 100

77 39.5 25.6 38.4#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

