

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032720\
 Data File : VU037390.D
 Acq On : 27 Mar 2020 23:39
 Operator : JC/MD
 Sample : L1975-12 50X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 28 01:58:17 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	252206	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	236342	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	123205	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	81783	50.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.10%
7) Chloroethane-d5	1.93	69	63884	48.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.64%
11) 1,1-Dichloroethene-d2	2.59	63	125073	35.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.14%
21) 2-Butanone-d5	4.66	46	143375	98.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.60%
24) Chloroform-d	5.10	84	162672	48.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.08%
26) 1,2-Dichloroethane-d4	5.74	65	111977	51.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.58%
32) Benzene-d6	5.76	84	328524	51.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.08%
36) 1,2-Dichloropropane-d6	6.72	67	106879	50.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.62%
41) Toluene-d8	7.92	98	310894	50.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.66%
43) trans-1,3-Dichloropropene-	8.20	79	60372	49.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.50%
47) 2-Hexanone-d5	8.65	63	108325	89.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.68%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	155459	49.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.74%
64) 1,2-Dichlorobenzene-d4	12.21	152	125787	50.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.70%

Target Compounds

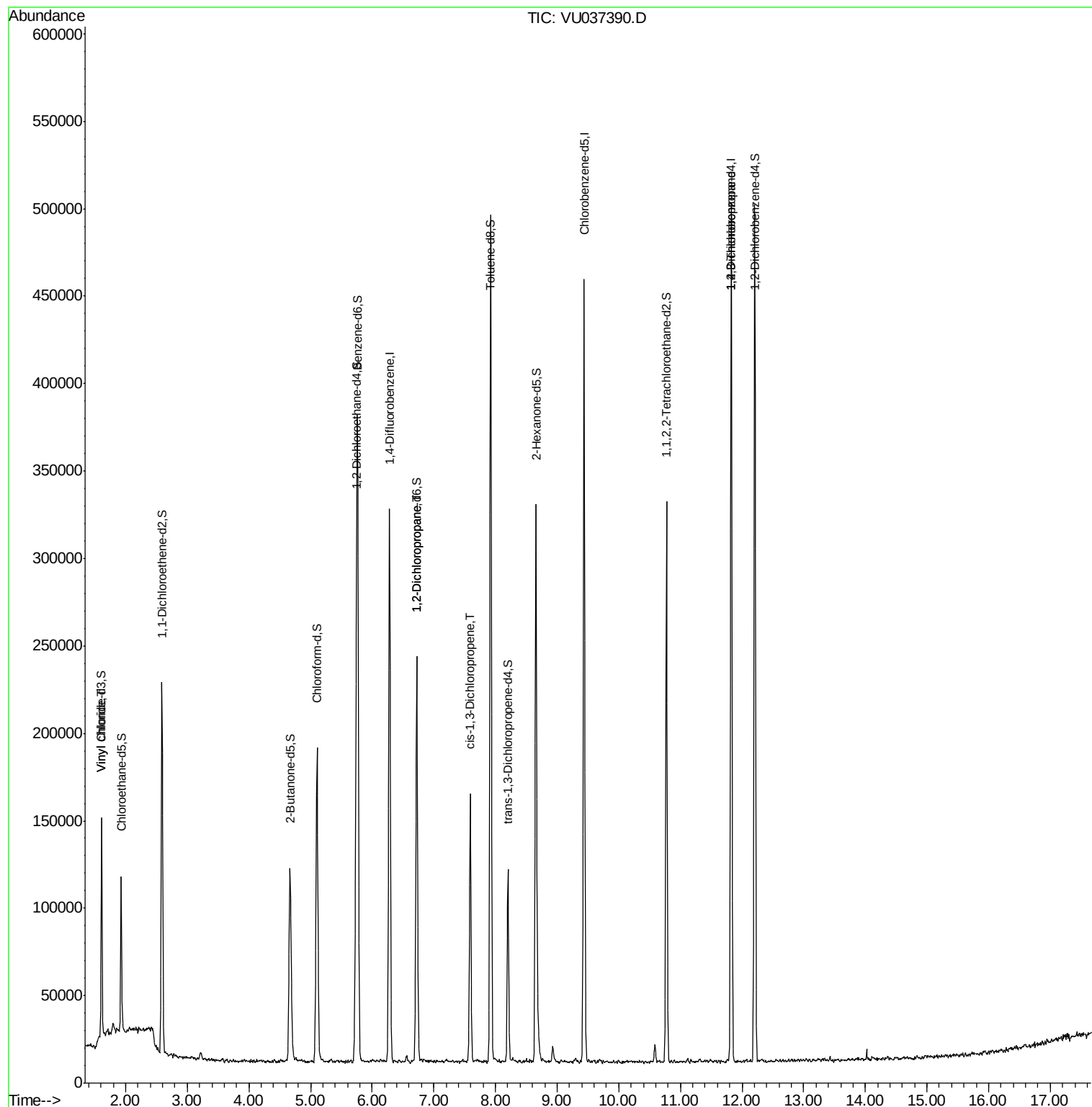
					Ovalue
5) Vinyl chloride	1.62	62	2971	1.331 ug/L #	59
37) 1,2-Dichloropropane	6.72	63	12083	5.458 ug/L #	90
39) cis-1,3-Dichloropropene	7.59	75	4028	1.081 ug/L #	49
59) 1,2,3-Trichloropropane	11.83	75	14829	4.870 ug/L #	85

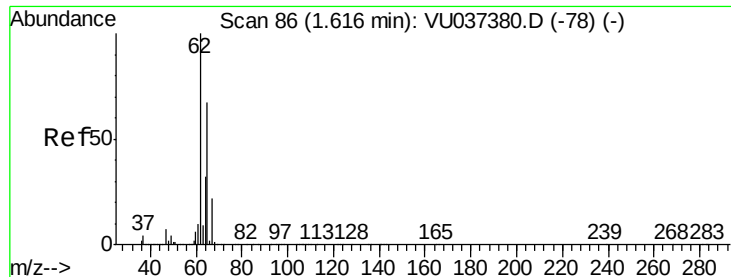
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.331 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

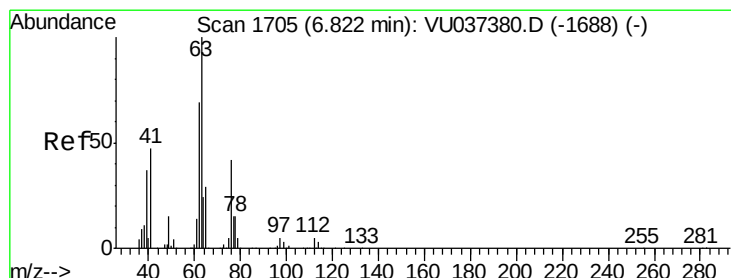
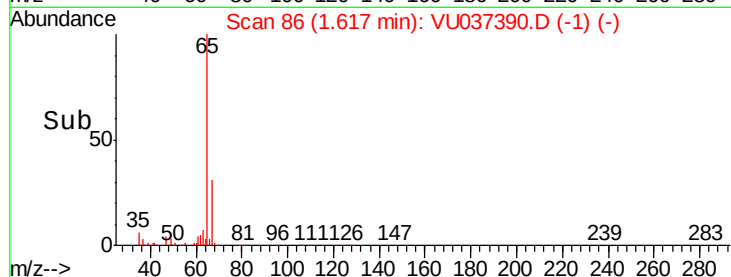
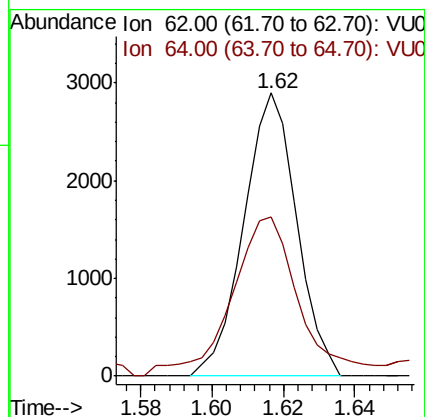
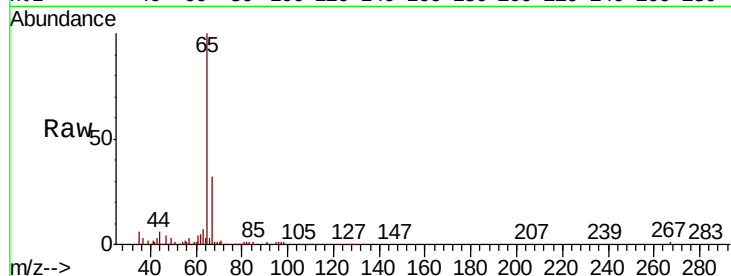
ClientSampled :

Tot Ion: 62 Resp: 2971

Ion Ratio Lower Upper

62 100

64 56.3 23.0 42.8#



#37

1,2-Dichloropropane

Concen: 5.458 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU037390.D

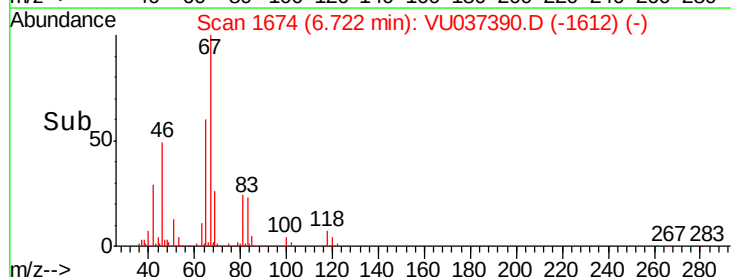
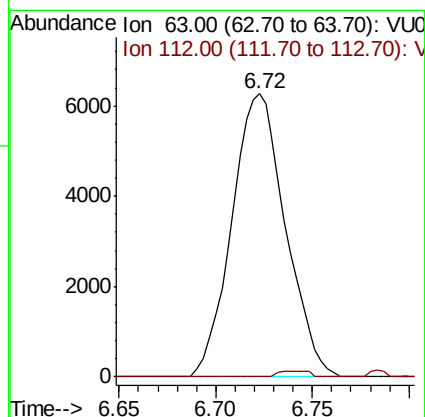
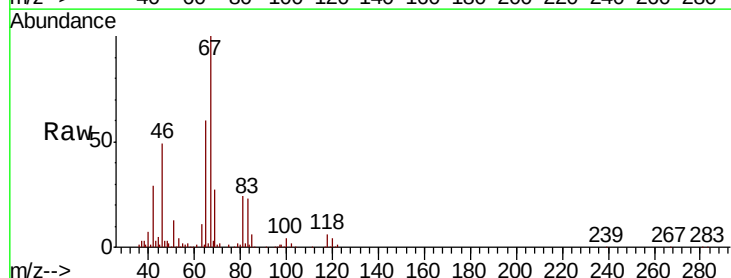
Acq: 27 Mar 2020 23:39

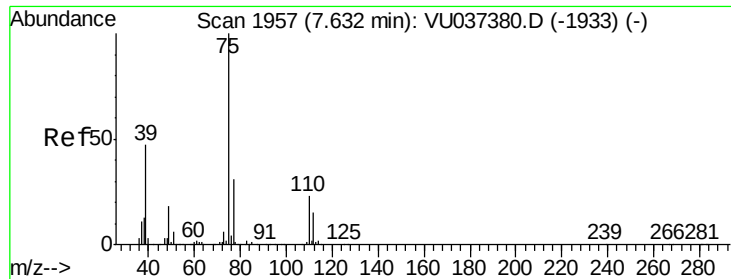
Tgt Ion: 63 Resp: 12083

Ion Ratio Lower Upper

63 100

112 0.8 3.4 5.0#



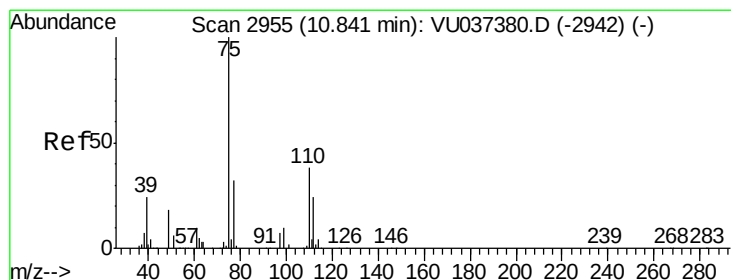
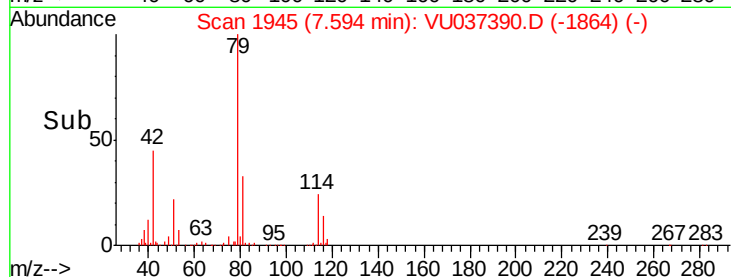
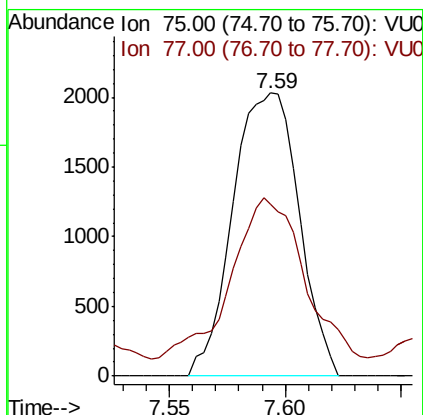
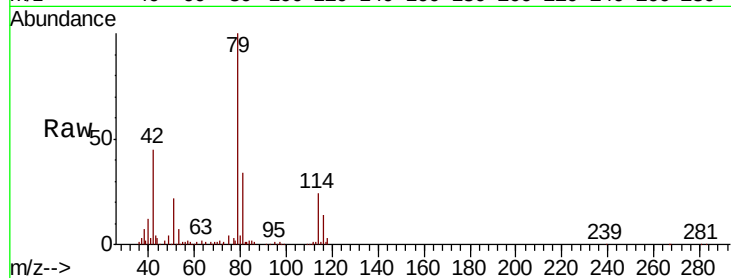


#39

cis-1,3-Dichloropropene
 Concen: 1.081 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
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Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 4028
 Ion Ratio Lower Upper
 75 100
 77 60.8 22.5 41.9#



#59

1,2,3-Trichloropropane
 Concen: 4.870 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU037390.D
 Acq: 27 Mar 2020 23:39

Tgt Ion: 75 Resp: 14829
 Ion Ratio Lower Upper
 75 100
 77 40.4 25.6 38.4#

