

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032720\
 Data File : VU037382.D
 Acq On : 27 Mar 2020 20:37
 Operator : JC/MD
 Sample : L1976-06 50X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 28 01:57:20 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	265532	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	247876	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	129712	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	82759	48.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.18%
7) Chloroethane-d5	1.93	69	67344	48.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.76%
11) 1,1-Dichloroethene-d2	2.59	63	131947	35.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.28%
21) 2-Butanone-d5	4.66	46	155567	101.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.62%
24) Chloroform-d	5.10	84	167485	47.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.94%
26) 1,2-Dichloroethane-d4	5.74	65	117067	50.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.86%
32) Benzene-d6	5.76	84	350537	51.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.86%
36) 1,2-Dichloropropane-d6	6.72	67	113185	51.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.60%
41) Toluene-d8	7.92	98	333296	51.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.92%
43) trans-1,3-Dichloropropene-	8.20	79	63323	49.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.52%
47) 2-Hexanone-d5	8.65	63	124570	98.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.32%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	168220	50.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.88%
64) 1,2-Dichlorobenzene-d4	12.21	152	136988	52.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.16%

Target Compounds

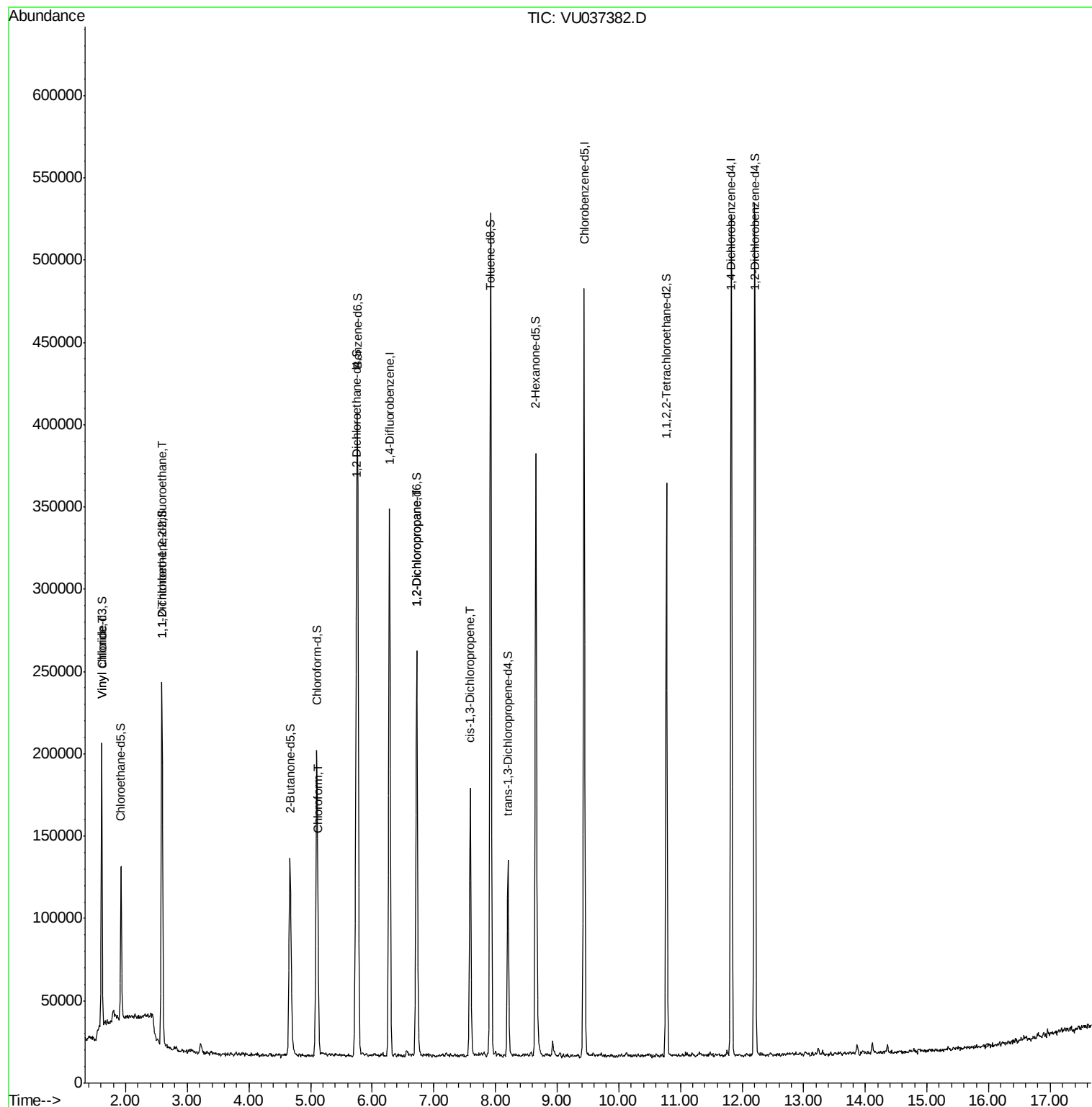
					Ovalue
5) Vinyl chloride	1.62	62	36349	15.462 ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	1439	0.720 ug/L #	27
25) Chloroform	5.13	83	6429	1.578 ug/L	89
37) 1,2-Dichloropropane	6.72	63	12720	5.479 ug/L #	92
39) cis-1,3-Dichloropropene	7.59	75	4049	1.036 ug/L #	54

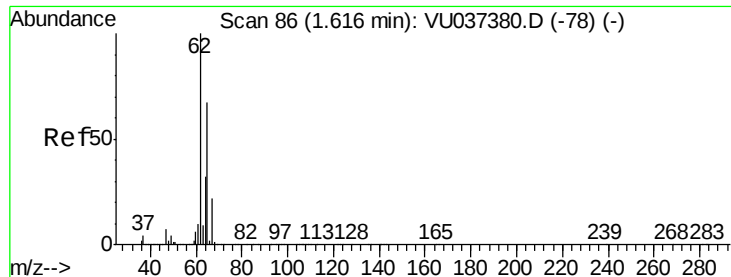
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 28 01:55:20 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 15.462 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU037382.D

Acq: 27 Mar 2020 20:37

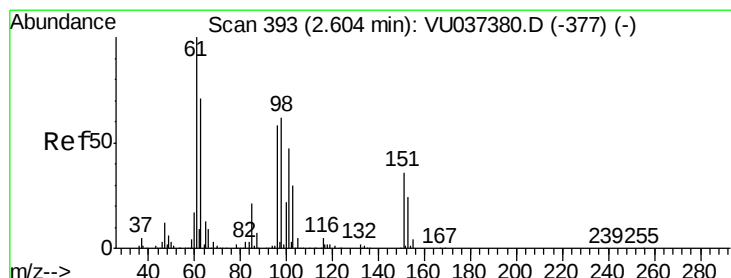
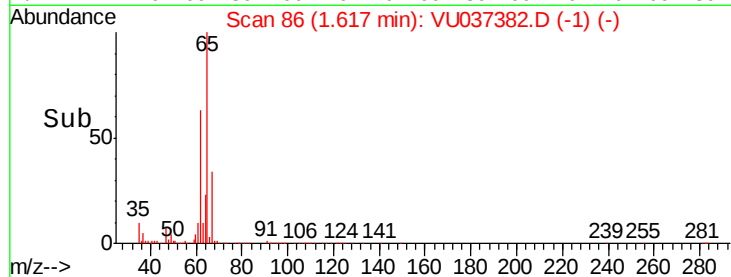
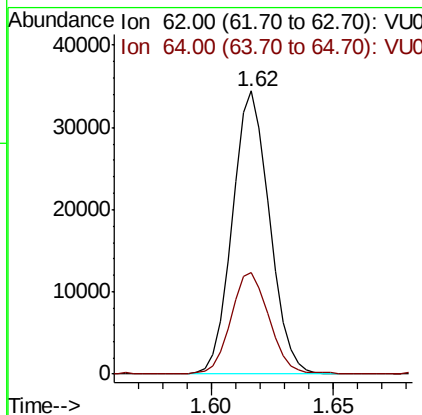
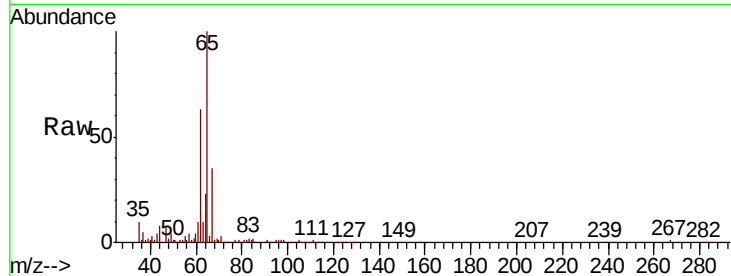
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 62 Resp: 36349

Ion Ratio Lower Upper

62 100

64 36.1 23.0 42.8



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.720 ug/L

RT: 2.59 min Scan# 388

Delta R.T. -0.02 min

Lab File: VU037382.D

Acq: 27 Mar 2020 20:37

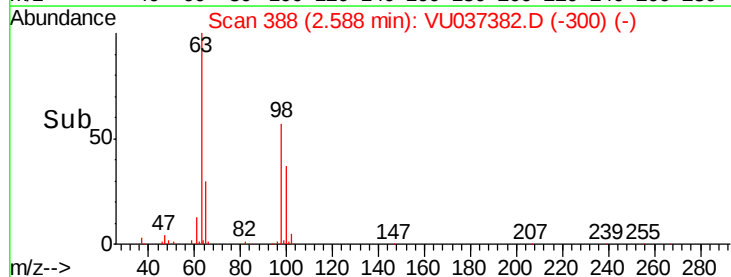
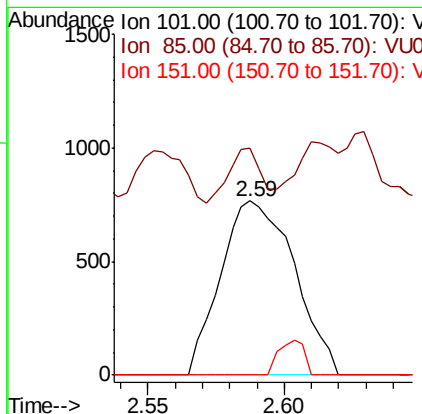
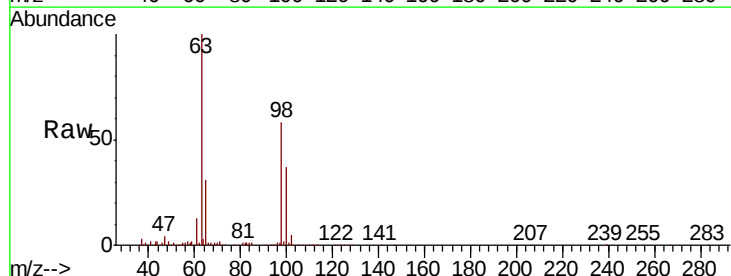
Tgt Ion: 101 Resp: 1439

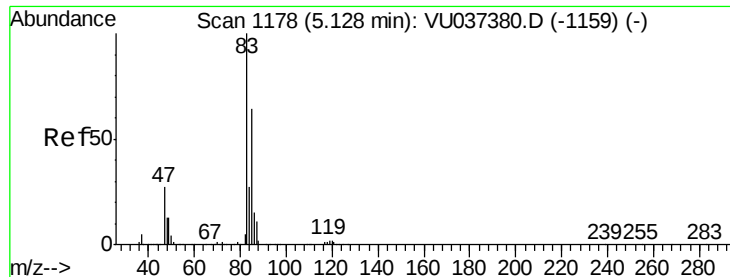
Ion Ratio Lower Upper

101 100

85 13.3 35.6 53.4#

151 0.0 60.2 90.4#

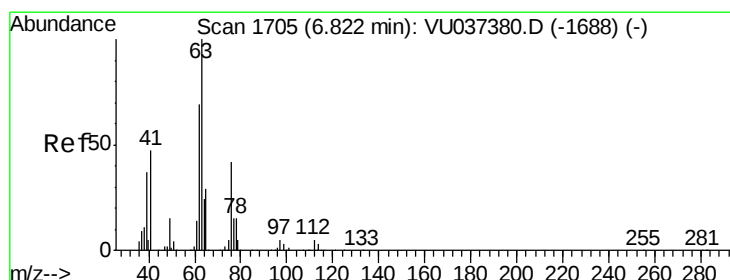
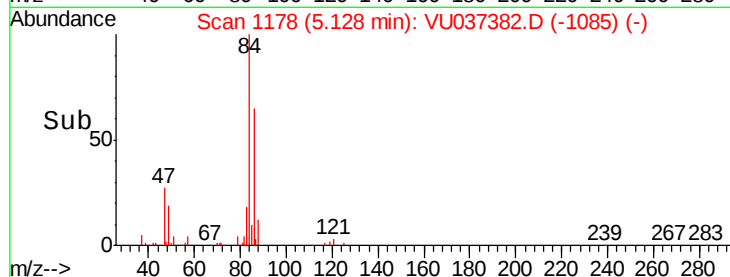
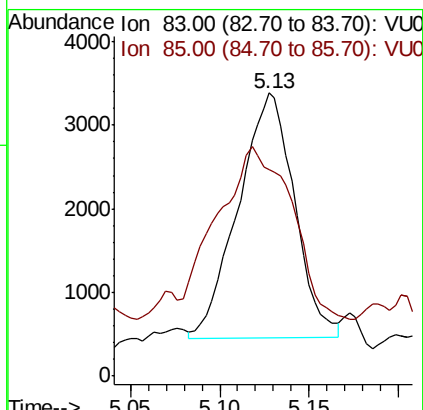
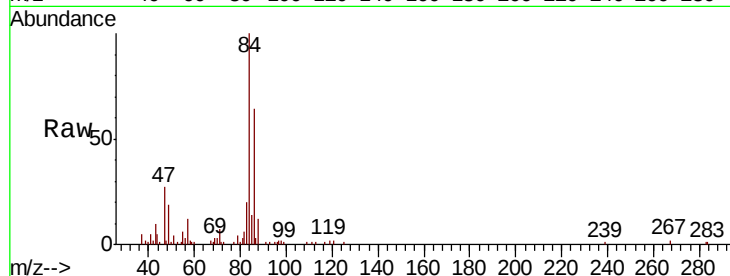




#25
Chloroform
Concen: 1.578 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU037382.D
Acq: 27 Mar 2020 20:37

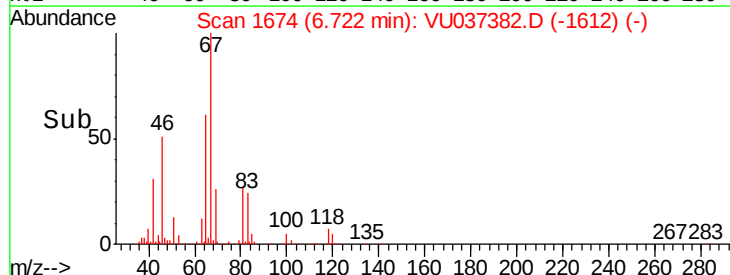
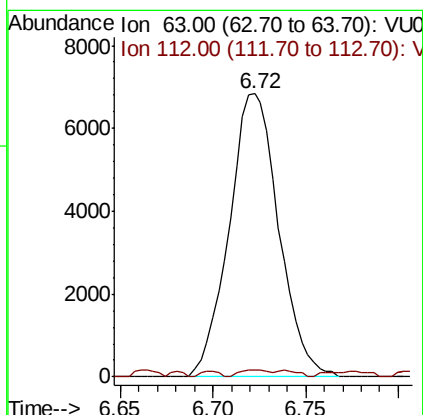
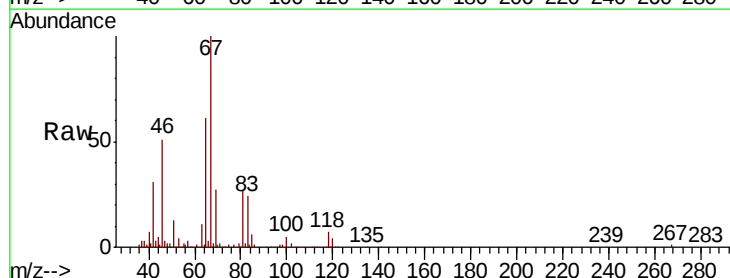
Instrument :
MSVOA_U
ClientSampleId :

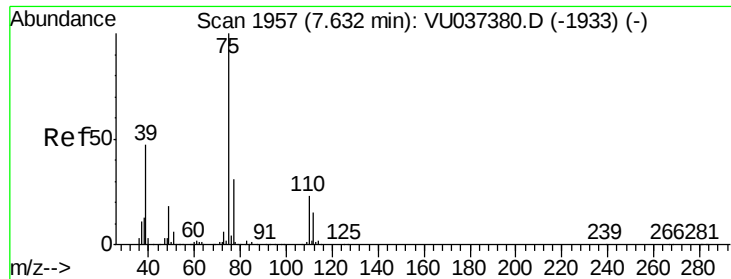
Tot Ion: 83 Resp: 6429
Ion Ratio Lower Upper
83 100
85 72.8 45.1 83.7



#37
1,2-Dichloropropane
Concen: 5.479 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037382.D
Acq: 27 Mar 2020 20:37

Tgt Ion: 63 Resp: 12720
Ion Ratio Lower Upper
63 100
112 1.5 3.4 5.0#





#39

cis-1,3-Dichloropropene

Concen: 1.036 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU037382.D

Acq: 27 Mar 2020 20:37

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 4049

Ion Ratio Lower Upper

75 100

77 58.0 22.5 41.9#

