

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032720\
 Data File : VU037394.D
 Acq On : 28 Mar 2020 01:10
 Operator : JC/MD
 Sample : L1975-18 50X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 28 06:12:55 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	252627	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	239841	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	125436	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	82438	50.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.74%
7) Chloroethane-d5	1.93	69	64436	48.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.32%
11) 1,1-Dichloroethene-d2	2.59	63	129417	36.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.48%
21) 2-Butanone-d5	4.67	46	144800	99.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.42%
24) Chloroform-d	5.10	84	165901	49.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.84%
26) 1,2-Dichloroethane-d4	5.74	65	113812	52.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.08%
32) Benzene-d6	5.76	84	338210	51.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.56%
36) 1,2-Dichloropropane-d6	6.72	67	109019	51.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.14%
41) Toluene-d8	7.92	98	321965	51.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.74%
43) trans-1,3-Dichloropropene-	8.20	79	59826	48.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.18%
47) 2-Hexanone-d5	8.66	63	112692	91.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.93%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	157705	49.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.72%
64) 1,2-Dichlorobenzene-d4	12.20	152	132584	52.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.26%

Target Compounds

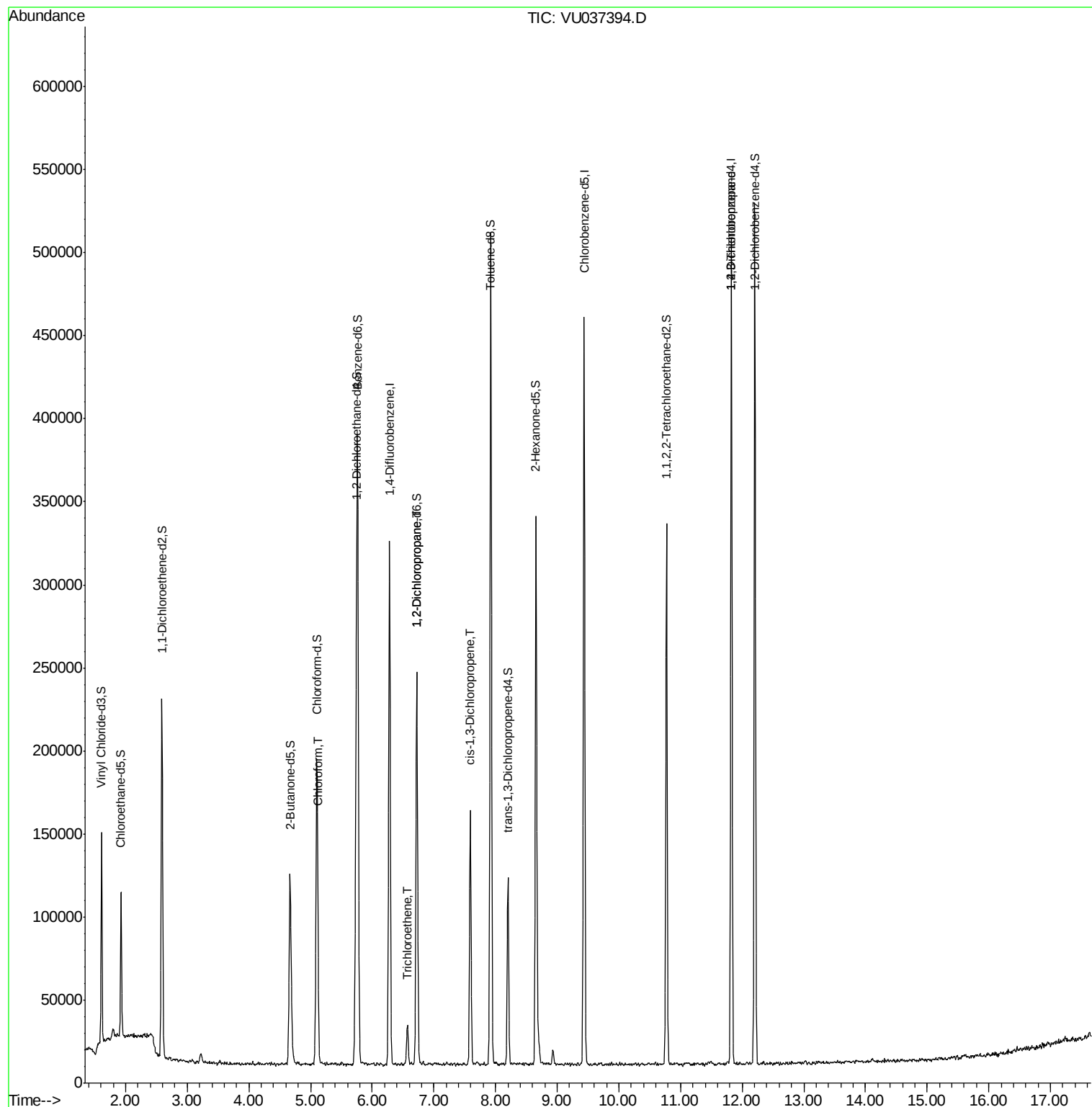
					Ovalue
25) Chloroform	5.12	83	4091	1.055 ug/L	93
34) Trichloroethene	6.57	95	7962	3.521 ug/L	91
37) 1,2-Dichloropropane	6.72	63	12510	5.569 ug/L #	89
39) cis-1,3-Dichloropropene	7.59	75	4183	1.106 ug/L #	76
59) 1,2,3-Trichloropropane	11.83	75	15378	4.977 ug/L	89

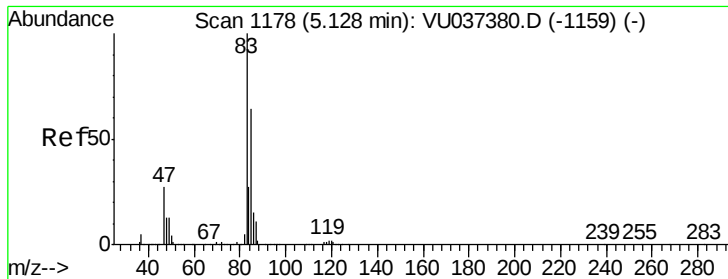
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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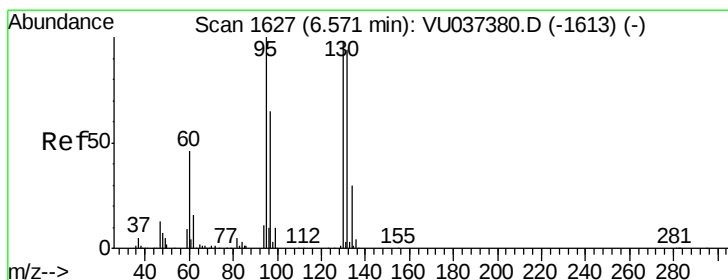
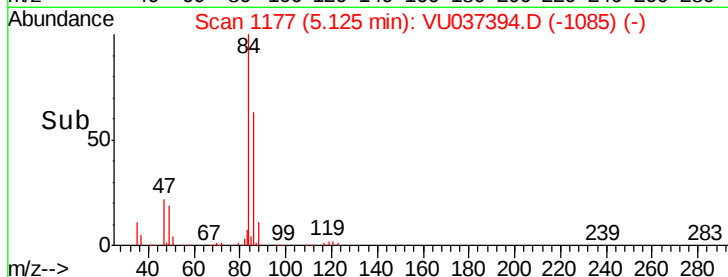
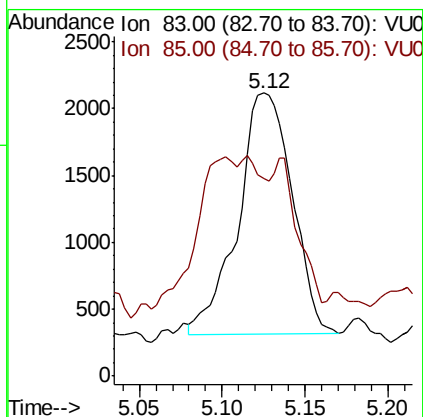
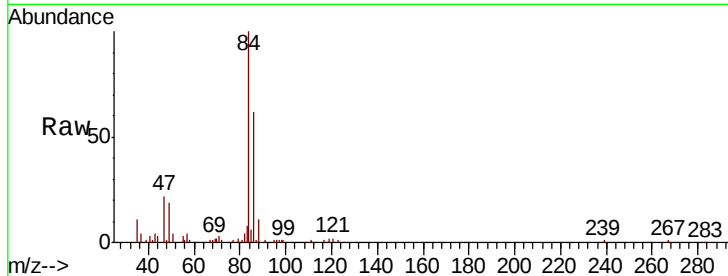




#25
Chloroform
Concen: 1.055 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU037394.D
Acq: 28 Mar 2020 01:10

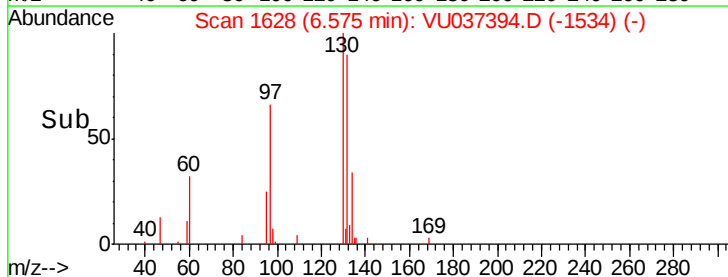
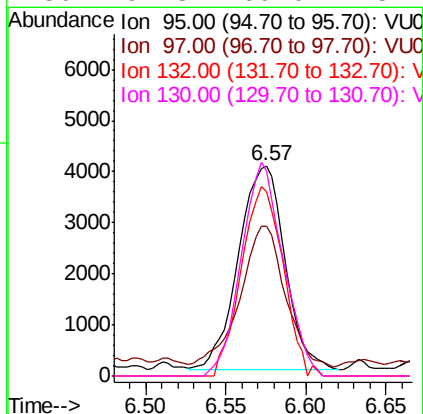
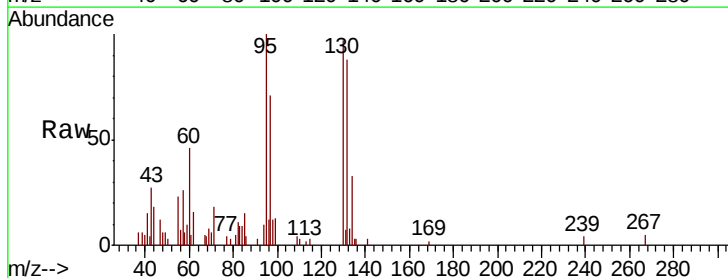
Instrument :
MSVOA_U
ClientSampled :

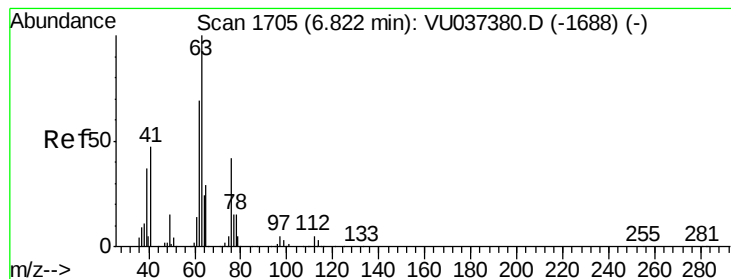
Tot Ion: 83 Resp: 4091
Ion Ratio Lower Upper
83 100
85 69.8 45.1 83.7



#34
Trichloroethene
Concen: 3.521 ug/L
RT: 6.57 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VU037394.D
Acq: 28 Mar 2020 01:10

Tgt Ion: 95 Resp: 7962
Ion Ratio Lower Upper
95 100
97 83.0 46.1 85.5
132 87.9 66.3 123.1
130 97.3 69.0 128.1





#37

1,2-Dichloropropane

Concen: 5.569 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU037394.D

Acq: 28 Mar 2020 01:10

Instrument :

MSVOA_U

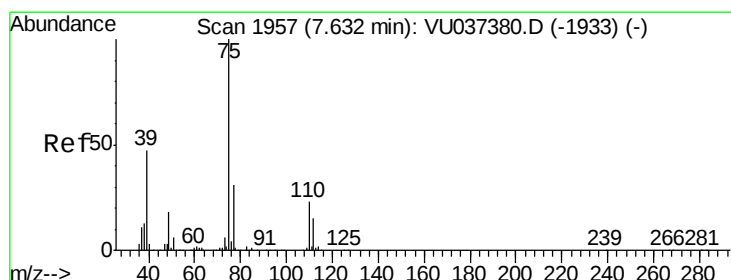
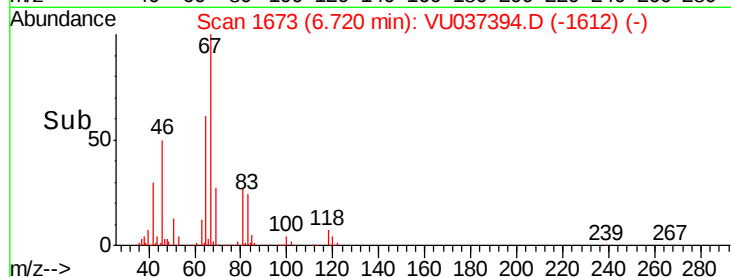
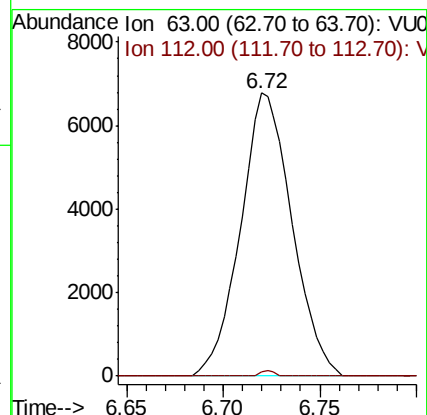
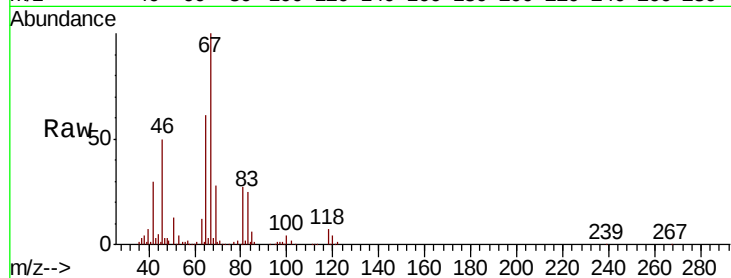
ClientSampleId :

Tot Ion: 63 Resp: 12510

Ion Ratio Lower Upper

63 100

112 0.5 3.4 5.0#



#39

cis-1,3-Dichloropropene

Concen: 1.106 ug/L

RT: 7.59 min Scan# 1943

Delta R.T. -0.04 min

Lab File: VU037394.D

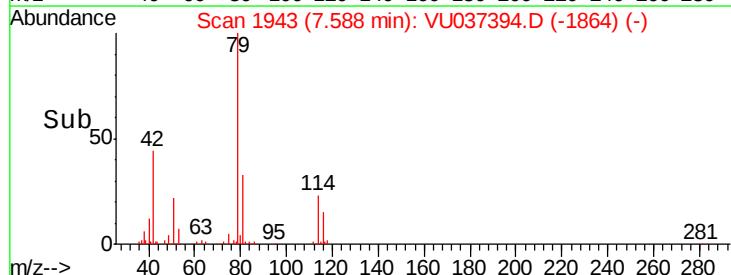
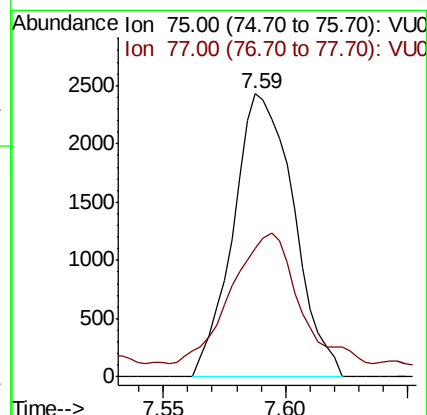
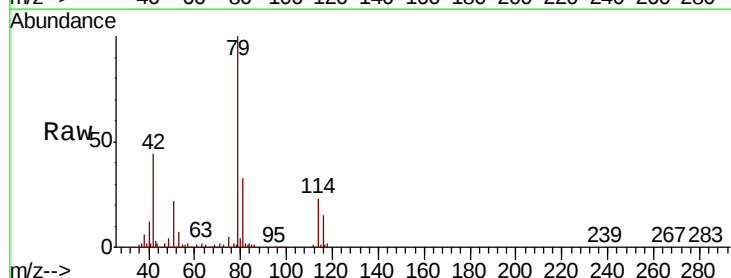
Acq: 28 Mar 2020 01:10

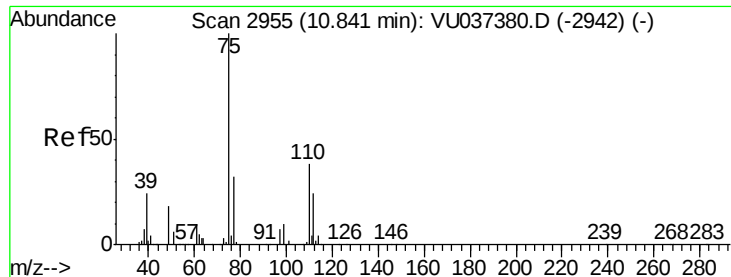
Tgt Ion: 75 Resp: 4183

Ion Ratio Lower Upper

75 100

77 45.6 22.5 41.9#





#59

1,2,3-Trichloropropane

Concen: 4.977 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037394.D

Acq: 28 Mar 2020 01:10

Instrument :

MSVOA_U

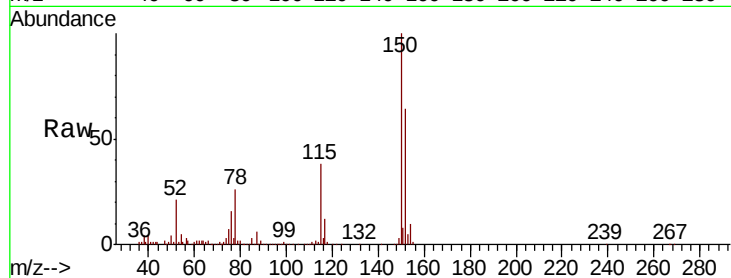
ClientSampleId :

Tot Ion: 75 Resp: 15378

Ion Ratio Lower Upper

75 100

77 38.0 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

