

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042420\
 Data File : VU037871.D
 Acq On : 24 Apr 2020 15:17
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 25 01:15:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 25 01:13:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	652947	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	627298	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	307400	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	222821	39.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.12%
7) Chloroethane-d5	1.93	69	186360	42.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.30%
11) 1,1-Dichloroethene-d2	2.59	63	287035	31.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.16%
21) 2-Butanone-d5	4.66	46	385262	85.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.23%
24) Chloroform-d	5.10	84	365102	42.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.02%
26) 1,2-Dichloroethane-d4	5.74	65	257996	42.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.76%
32) Benzene-d6	5.76	84	780022	43.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.94%
36) 1,2-Dichloropropane-d6	6.72	67	268101	45.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.38%
41) Toluene-d8	7.92	98	716405	43.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.88%
43) trans-1,3-Dichloropropene-	8.20	79	133128	43.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.18%
47) 2-Hexanone-d5	8.65	63	292143	90.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.45%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	358983	43.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.98%
64) 1,2-Dichlorobenzene-d4	12.20	152	262653	43.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.82%

Target Compounds

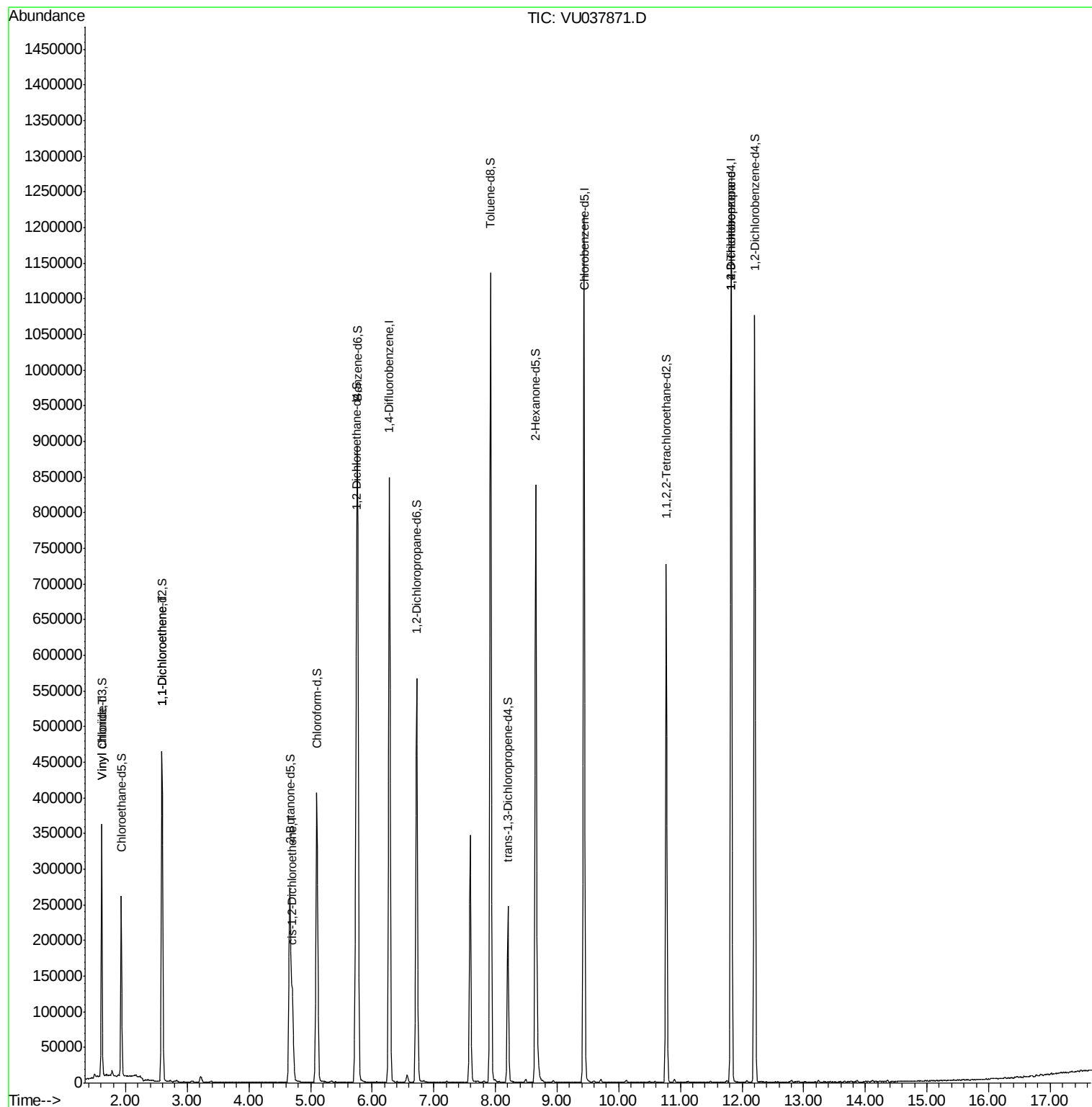
					Ovalue
5) Vinyl chloride	1.62	62	11716	1.809 ug/L #	60
12) 1,1-Dichloroethene	2.60	96	5417	1.367 ug/L #	1
20) cis-1,2-Dichloroethene	4.71	96	50805	10.469 ug/L	98
59) 1,2,3-Trichloropropane	11.83	75	42231	6.045 ug/L	93

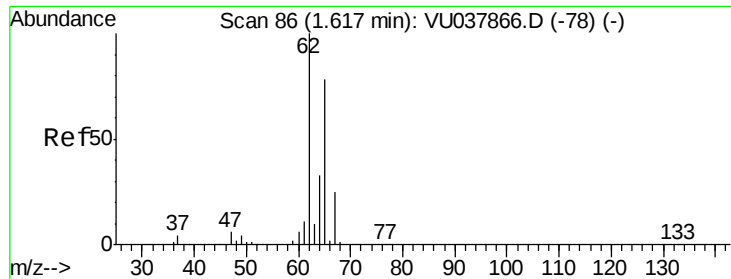
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.809 ug/L

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

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Acq: 24 Apr 2020 15:17

Instrument :

MSVOA_U

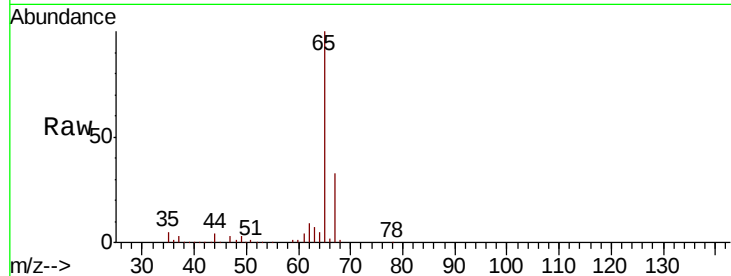
ClientSampleId :

Tot Ion: 62 Resp: 11716

Ion Ratio Lower Upper

62 100

64 55.8 23.2 43.0#



Abundance Ion 62.00 (61.70 to 62.70): VU037866.D (-78) (-)

Ion 64.00 (63.70 to 64.70): VU037866.D (-78) (-)

12000

10000

8000

6000

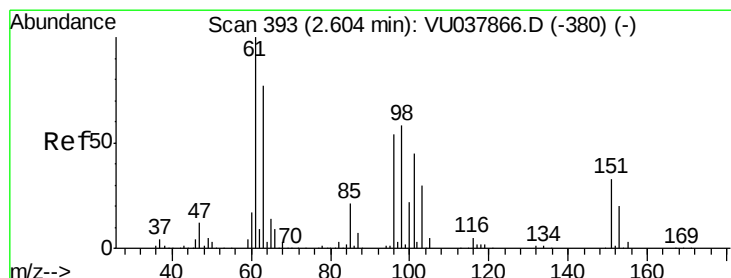
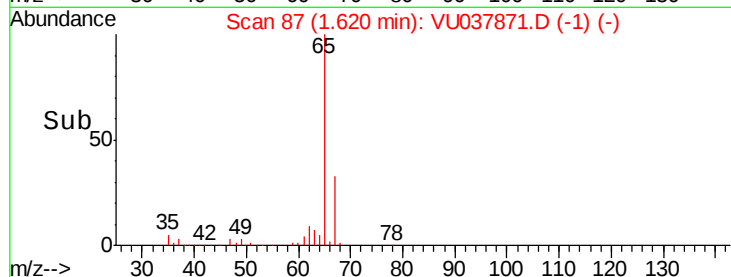
4000

2000

0

1.58 1.60 1.62 1.64

Time-->



#12

1,1-Dichloroethene

Concen: 1.367 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU037871.D

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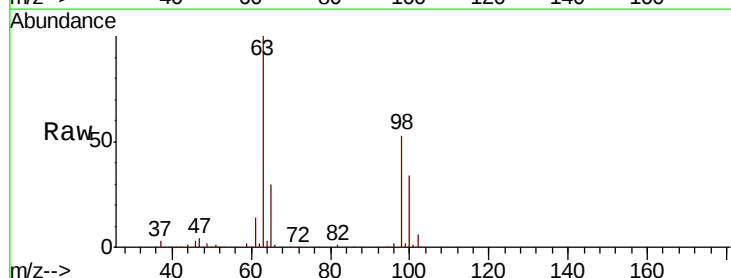
Tgt Ion: 96 Resp: 5417

Ion Ratio Lower Upper

96 100

61 734.4 134.1 249.0#

63 5379.7 96.5 179.1#



Abundance Ion 96.00 (95.70 to 96.70): VU037866.D (-380) (-)

Ion 61.00 (60.70 to 61.70): VU037866.D (-380) (-)

Ion 63.00 (62.70 to 63.70): VU037866.D (-380) (-)

250000

200000

150000

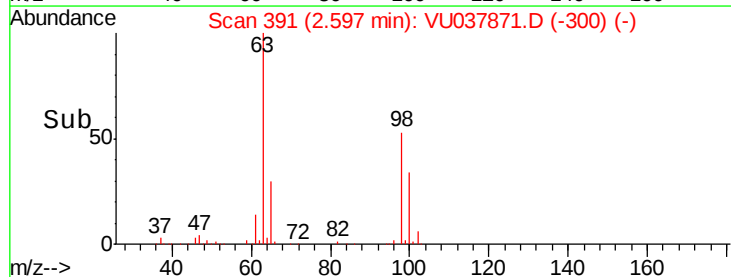
100000

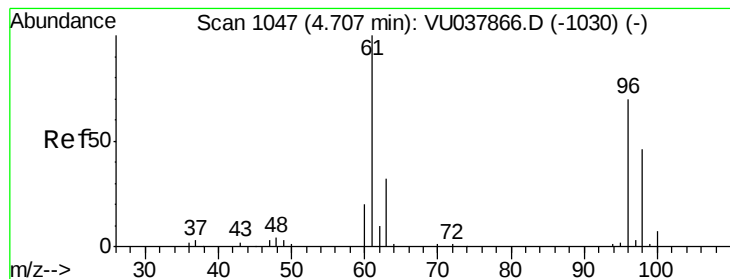
50000

0

2.55 2.60 2.65

Time-->





#20

cis-1,2-Dichloroethene

Concen: 10.469 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU037871.D

Acq: 24 Apr 2020 15:17

Instrument :

MSVOA_U

ClientSampleId :

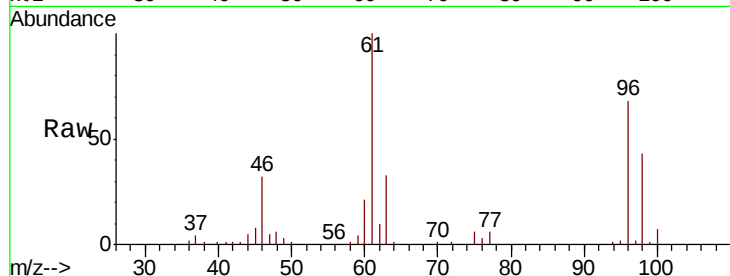
Tot Ion: 96 Resp: 50805

Ion Ratio Lower Upper

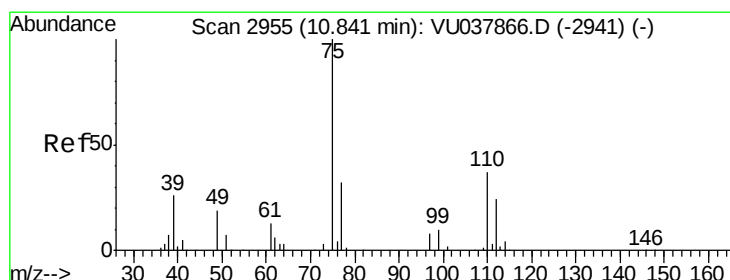
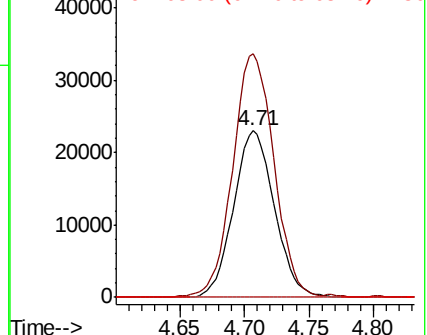
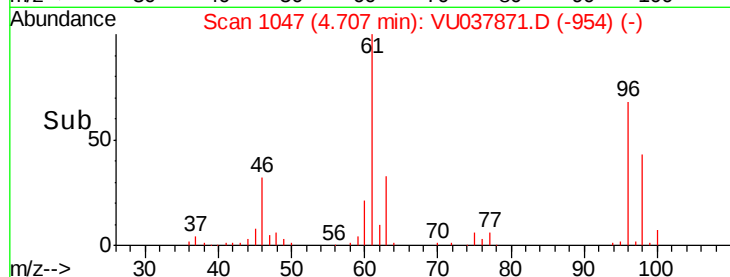
96 100

61 146.2 100.4 186.4

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU037871.D (-954) (-)



#59

1,2,3-Trichloropropane

Concen: 6.045 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037871.D

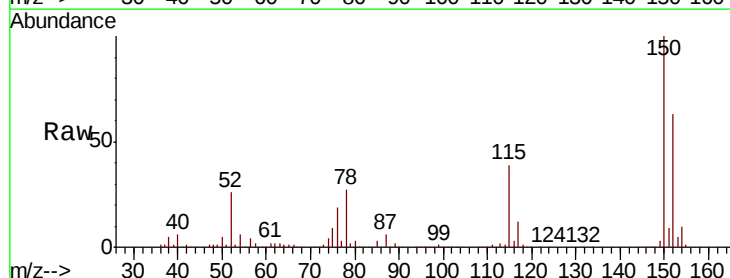
Acq: 24 Apr 2020 15:17

Tgt Ion: 75 Resp: 42231

Ion Ratio Lower Upper

75 100

77 36.0 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VU037871.D (-2333) (-)

