

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042420\
 Data File : VU037874.D
 Acq On : 24 Apr 2020 16:25
 Operator : JC/MD
 Sample : L2395-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 25 01:16:14 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	571538	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	553964	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	223505	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	234043	46.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.74%
7) Chloroethane-d5	1.93	69	188095	48.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.59	63	290646	35.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.92%
21) 2-Butanone-d5	4.66	46	394403	99.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.68%
24) Chloroform-d	5.10	84	365317	48.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.06%
26) 1,2-Dichloroethane-d4	5.74	65	260184	49.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.80%
32) Benzene-d6	5.76	84	787338	50.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.52%
36) 1,2-Dichloropropane-d6	6.72	67	263382	50.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.54%
41) Toluene-d8	7.92	98	722184	50.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.32%
43) trans-1,3-Dichloropropene-	8.20	79	132641	49.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.36%
47) 2-Hexanone-d5	8.66	63	291907	102.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.34%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	354079	48.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.14%
64) 1,2-Dichlorobenzene-d4	12.20	152	225925	51.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.90%

Target Compounds

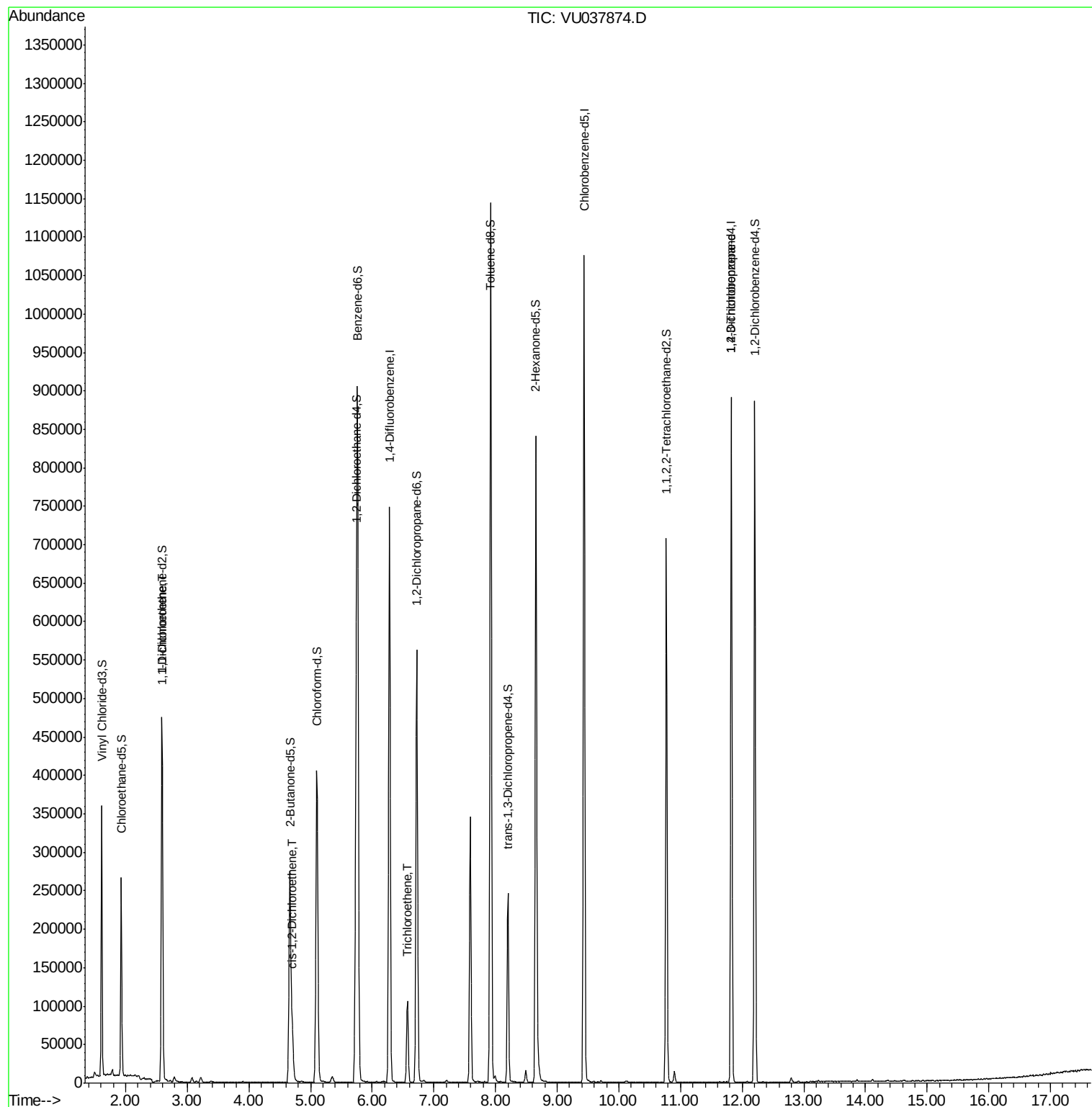
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	5331	1.536	ug/L	# 1
20) cis-1,2-Dichloroethene	4.71	96	25692	6.048	ug/L	98
34) Trichloroethene	6.57	95	34474	8.359	ug/L	94
59) 1,2,3-Trichloropropane	11.83	75	29080	4.714	ug/L	93

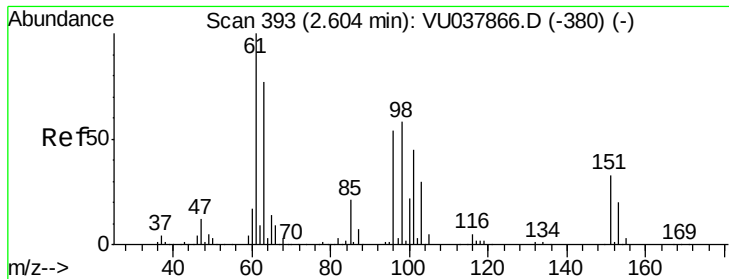
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 25 01:16:14 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 25 01:13:34 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.536 ug/L

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU037874.D

Acq: 24 Apr 2020 16:25

Instrument :

MSVOA_U

ClientSampleId :

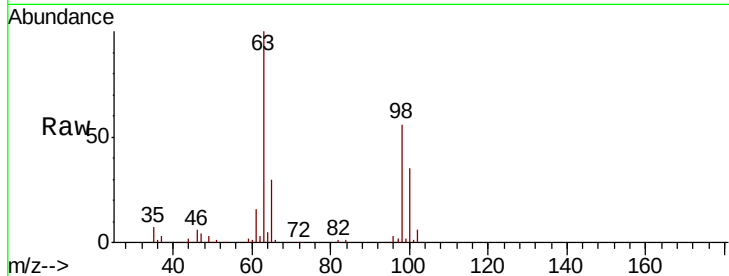
Tot Ion: 96 Resp: 5331

Ion Ratio Lower Upper

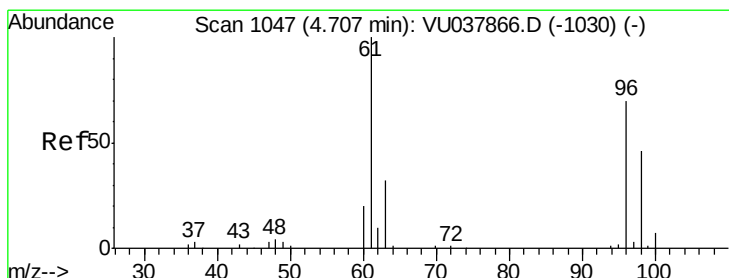
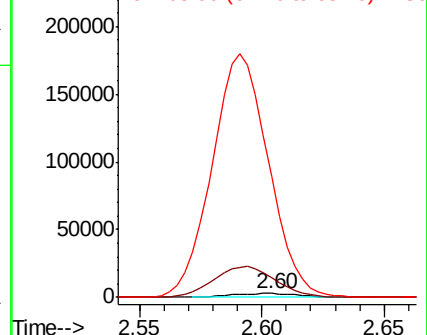
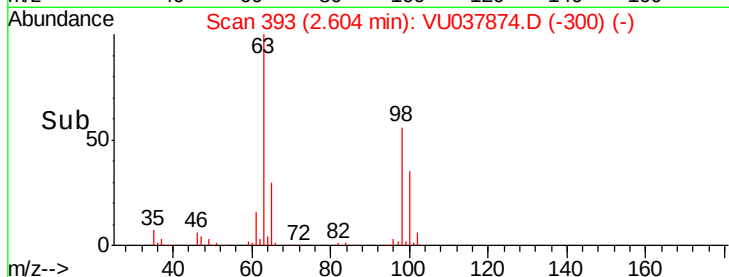
96 100

61 497.0 134.1 249.0#

63 3036.6 96.5 179.1#



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 63.00 (62.70 to 63.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 6.048 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU037874.D

Acq: 24 Apr 2020 16:25

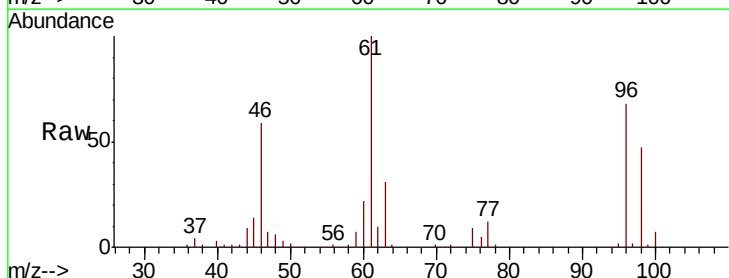
Tgt Ion: 96 Resp: 25692

Ion Ratio Lower Upper

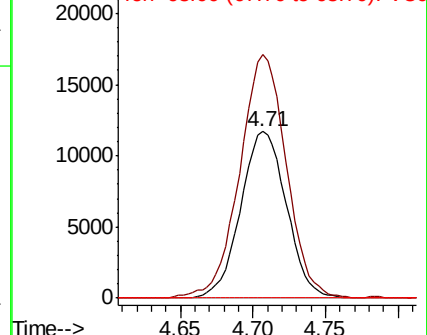
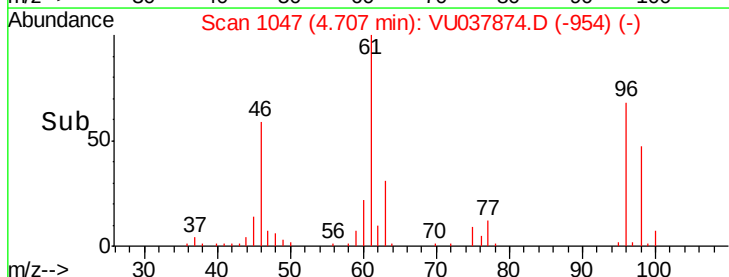
96 100

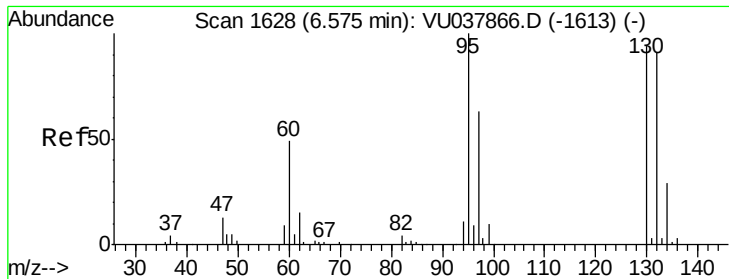
61 146.0 100.4 186.4

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0

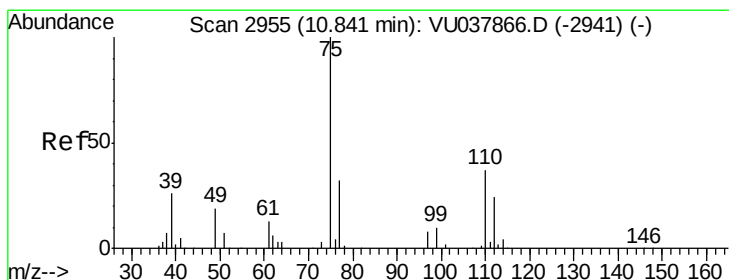
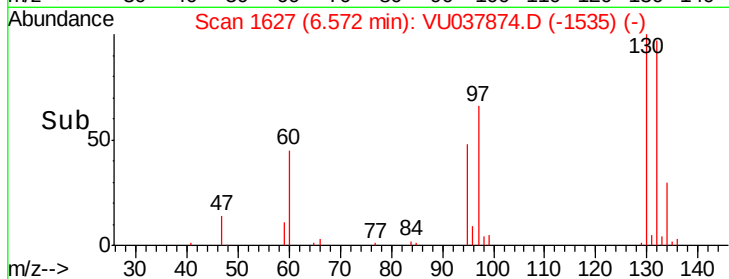
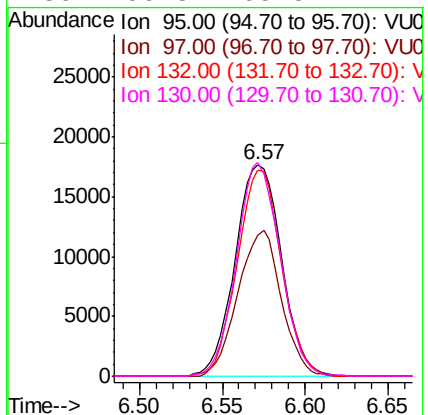
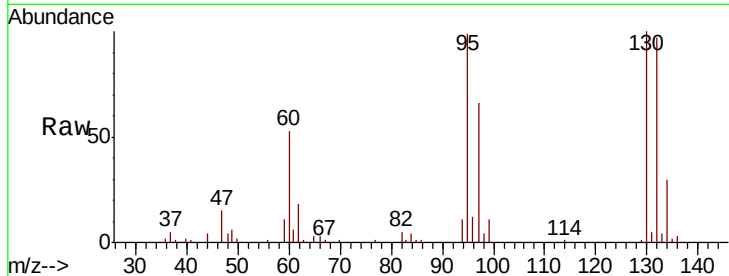




#34
 Trichloroethene
 Concen: 8.359 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VU037874.D
 Acq: 24 Apr 2020 16:25

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 95 Resp: 34474
 Ion Ratio Lower Upper
 95 100
 97 66.7 44.4 82.5
 132 97.4 65.0 120.6
 130 100.8 65.5 121.7



#59
 1,2,3-Trichloropropane
 Concen: 4.714 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU037874.D
 Acq: 24 Apr 2020 16:25

Tgt Ion: 75 Resp: 29080
 Ion Ratio Lower Upper
 75 100
 77 36.0 25.8 38.6

