

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042420\
 Data File : VU037876.D
 Acq On : 24 Apr 2020 17:10
 Operator : JC/MD
 Sample : L2395-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0D95

Quant Time: Apr 25 02:56:21 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	574427	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	555472	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	188480	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	233251	46.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.94%
7) Chloroethane-d5	1.93	69	185732	47.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.50%
11) 1,1-Dichloroethene-d2	2.59	63	291538	35.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.78%
21) 2-Butanone-d5	4.66	46	395076	99.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.34%
24) Chloroform-d	5.10	84	360317	47.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.26%
26) 1,2-Dichloroethane-d4	5.74	65	257048	48.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.12%
32) Benzene-d6	5.76	84	785622	50.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.02%
36) 1,2-Dichloropropane-d6	6.72	67	263277	50.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.22%
41) Toluene-d8	7.92	98	717057	49.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.34%
43) trans-1,3-Dichloropropene-	8.20	79	133210	49.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.52%
47) 2-Hexanone-d5	8.65	63	293506	102.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.62%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	358631	49.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.12%
64) 1,2-Dichlorobenzene-d4	12.20	152	226976	61.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	123.78%#

Target Compounds

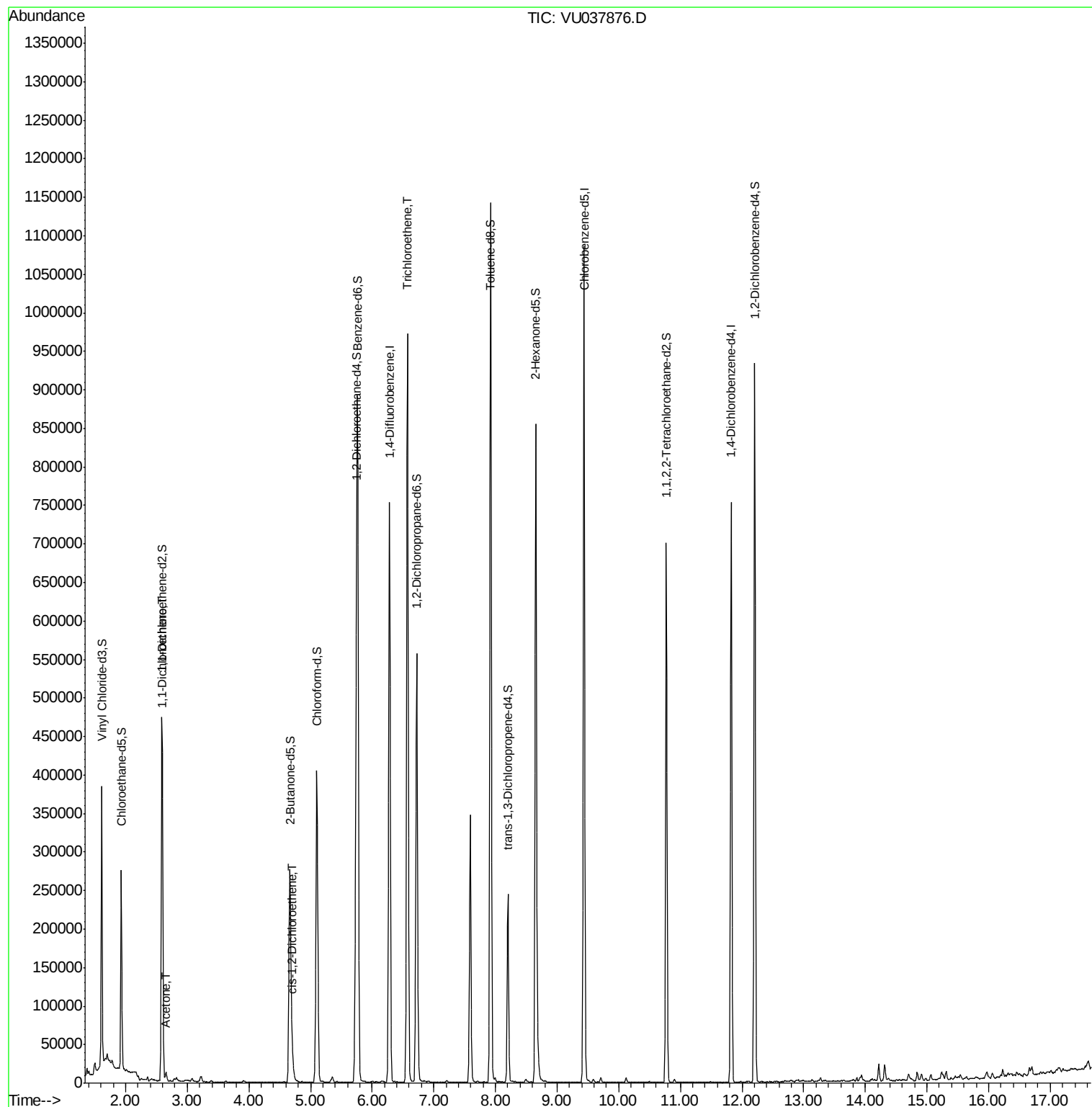
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.61	96	7606	2.181	ug/L	# 1
13) Acetone	2.66	43	12682	5.345	ug/L	92
20) cis-1,2-Dichloroethene	4.71	96	11845	2.774	ug/L	99
34) Trichloroethene	6.57	95	325153	78.625	ug/L	98

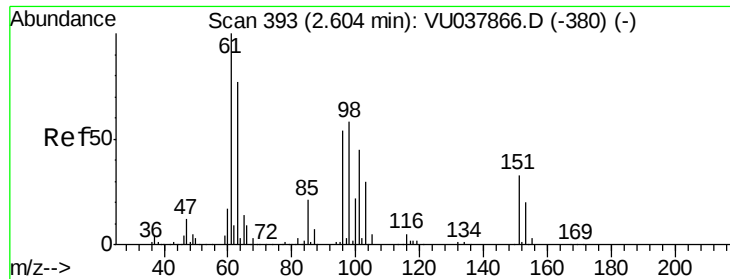
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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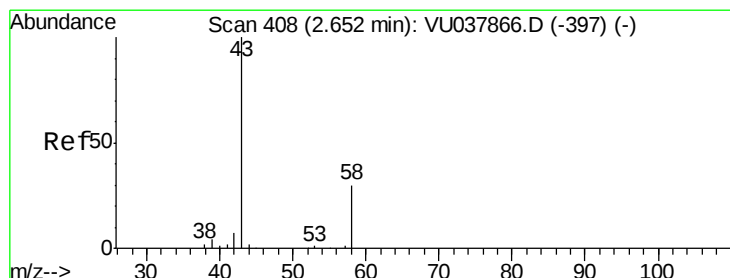
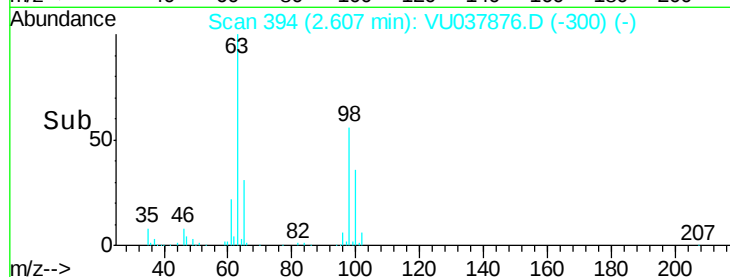
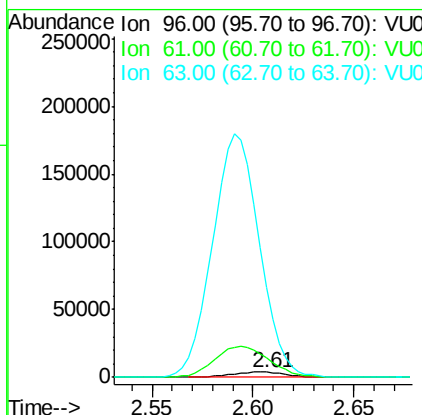
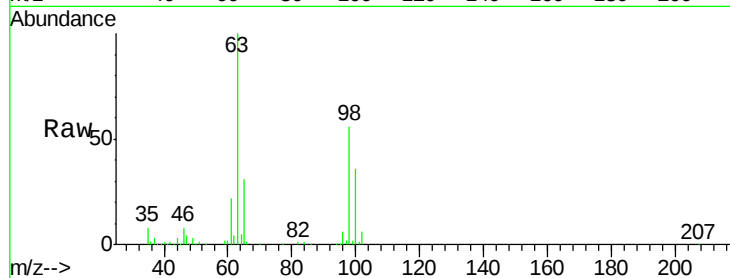




#12
 1,1-Dichloroethene
 Concen: 2.181 ug/L
 RT: 2.61 min Scan# 394
 Delta R.T. 0.00 min
 Lab File: VU037876.D
 Acq: 24 Apr 2020 17:10

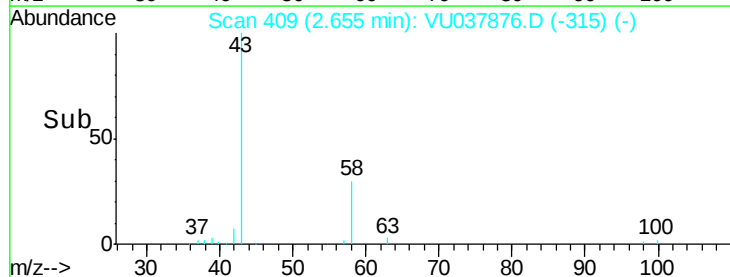
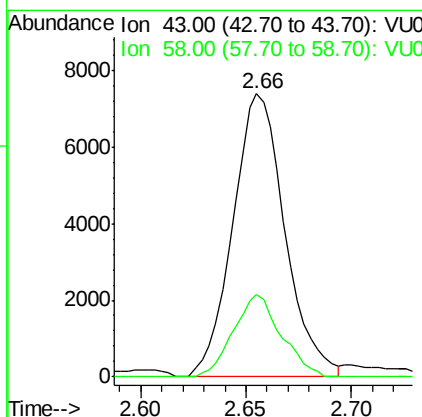
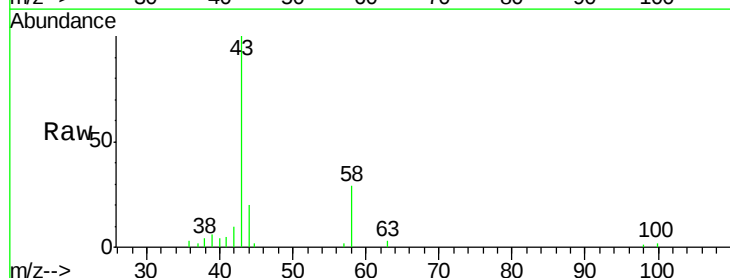
Instrument :
 MSVOA_U
 ClientSampleId :
 C0D95

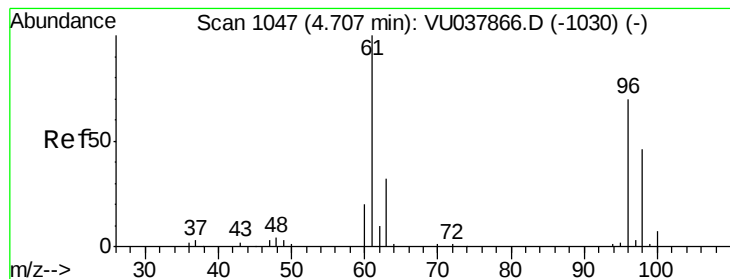
Tot Ion: 96 Resp: 7606
 Ion Ratio Lower Upper
 96 100
 61 360.5 134.1 249.0#
 63 1671.9 96.5 179.1#



#13
 Acetone
 Concen: 5.345 ug/L
 RT: 2.66 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VU037876.D
 Acq: 24 Apr 2020 17:10

Tgt Ion: 43 Resp: 12682
 Ion Ratio Lower Upper
 43 100
 58 26.5 0.0 62.0





#20

cis-1,2-Dichloroethene

Concen: 2.774 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. 0.00 min

Lab File: VU037876.D

Acq: 24 Apr 2020 17:10

Instrument :

MSVOA_U

ClientSampleId :

C0D95

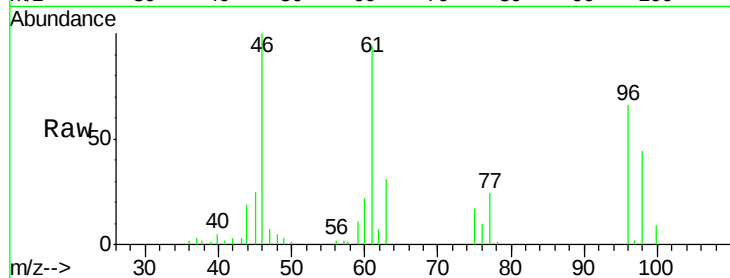
Tot Ion: 96 Resp: 11845

Ion Ratio Lower Upper

96 100

61 142.2 100.4 186.4

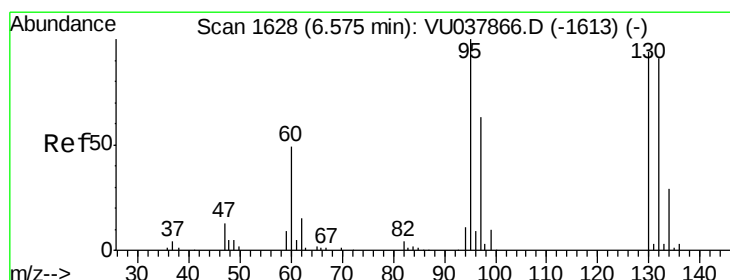
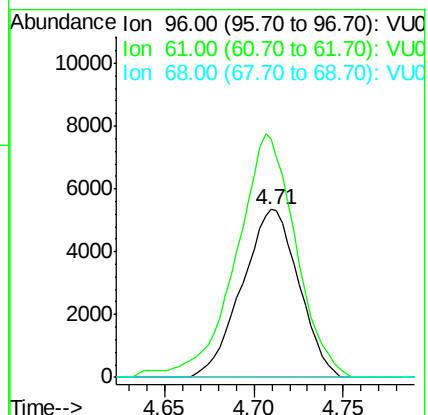
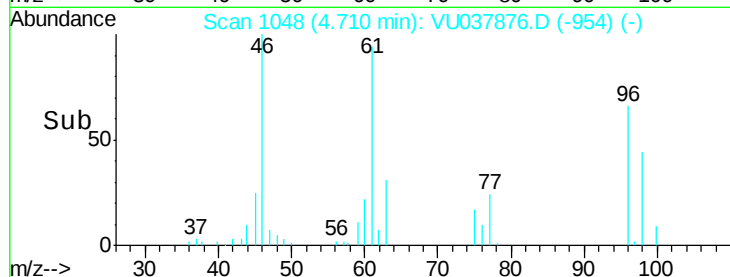
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU037876.D (-1030) (-)

Ion 61.00 (60.70 to 61.70): VU037876.D (-1030) (-)

Ion 68.00 (67.70 to 68.70): VU037876.D (-1030) (-)



#34

Trichloroethene

Concen: 78.625 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU037876.D

Acq: 24 Apr 2020 17:10

Tgt Ion: 95 Resp: 325153

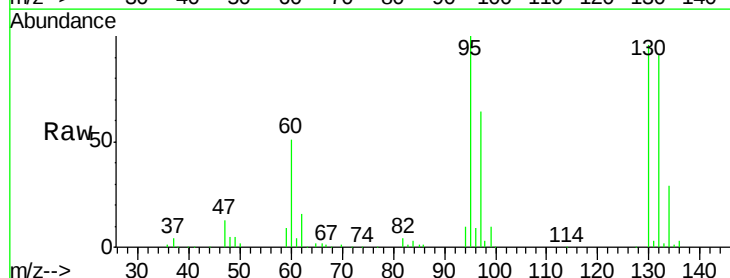
Ion Ratio Lower Upper

95 100

97 64.5 44.4 82.5

132 91.3 65.0 120.6

130 95.8 65.5 121.7



Abundance Ion 95.00 (94.70 to 95.70): VU037876.D (-1613) (-)

Ion 97.00 (96.70 to 97.70): VU037876.D (-1613) (-)

Ion 132.00 (131.70 to 132.70): VU037876.D (-1613) (-)

Ion 130.00 (129.70 to 130.70): VU037876.D (-1613) (-)

